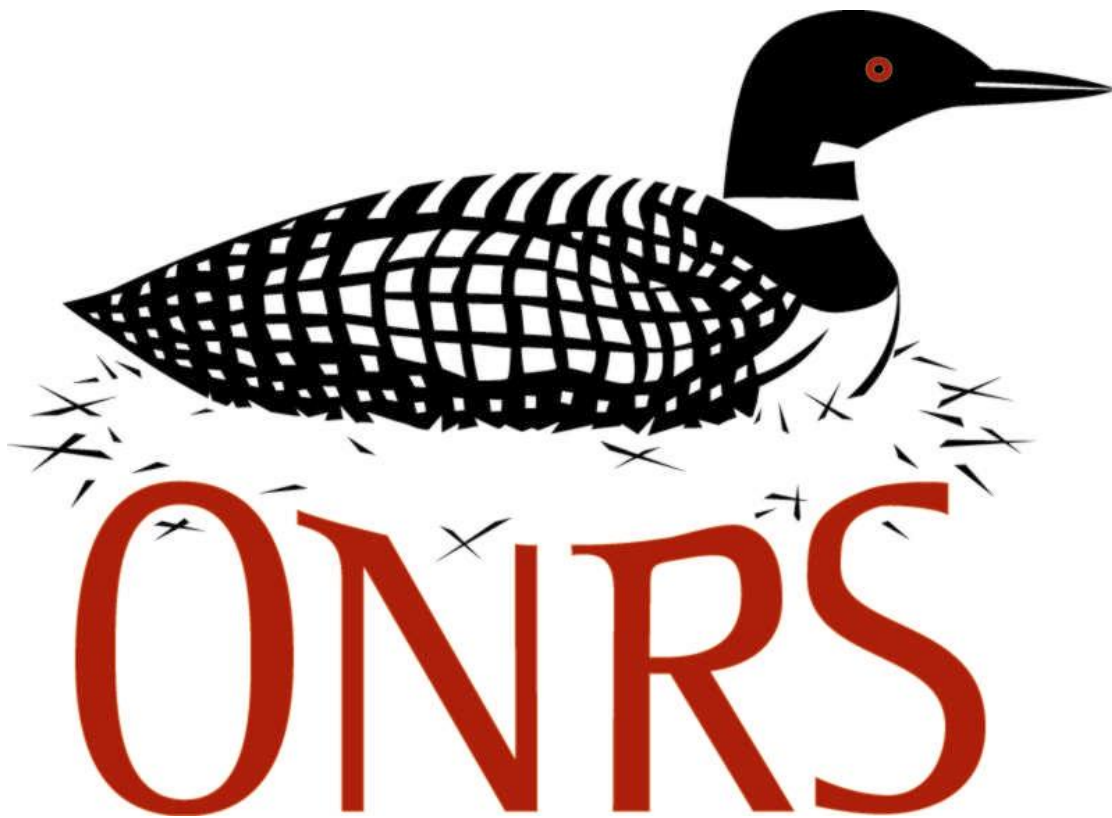


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ONRS 36

ONTARIO NEST RECORDS SCHEME



THIRTY-SIXTH REPORT (1956 – 2004)

George K. Peck

Spring/Summer
2005

ONTARIO NEST RECORDS SCHEME
THIRTY-SIXTH REPORT (1956 – 2004)

The Ontario Nest Records Scheme (ONRS) at the close of 2004 has been operative for 49 nesting seasons. Thus we will enter our semi-centennial year (50 years) with the next report covering 2005! This volunteer monitoring program is based in Ornithology, Department of Natural History, Royal Ontario Museum (ROM), Toronto, Ontario, where the nest record cards and the computer database are stored. The ONRS is, essentially, a collection of data records, 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 current nest records are submitted annually by field volunteers who find active bird nests and record and submit the significant data on nest cards, or on-line by computer. In regard to nest record entry, hard-copy cards are preferred to on-line entry for purposes of processing and summarizing this data. However, if on-line entry is chosen, contributors are urged to carefully enter all known fields and to always supply their observer numbers, provincial region codes, coordinates or written location, visit dates, nest contents and/or nest activity, and habitat particulars for each nest record.

Our close association with the second **Ontario Breeding Bird Atlas (OBBA)** has continued to add an increased number of submitted nest records each year from 2001 to 2004 as nests are discovered by atlasers working their squares for evidence of breeding. In addition to the nests found by our regular ONRS contributors, these atlas records are greatly appreciated and we urge all atlasers to submit all of their nest finds, and also, to continue to work their squares for this purpose, after the current atlas period is over in 2005. The ONRS is a continuing program and the gathering of this 'best-of-all' breeding evidence, the active nest with its accompanying data, can be of vital importance to our efforts to conserve the biodiversity of our birdlife.

NEST DATA SUBMISSION

All nest records from both current and previous years, should now only be entered on-line or on the pre-numbered scannable nest cards, now in their fifth year of use. Earlier-version cards cannot be scanned directly into our database and require laborious and time-consuming entry. On-line entry is available at www.birdsontario.org/onrs/onrsmain.html. From this same website the instructional *Ontario Nest Records Scheme Handbook*, and the blue, four-fold *ONRS Coding System* field card can be downloaded. The *ONRS Annual Report* and the up-to-date six-part *Revisions* of the two volumes of the *Breeding Birds of Ontario* and the Volume 1 *Appendix*, can also be downloaded from the following website: <http://www.birdsontario.org/onrs/nidiology.html>.

MAKING OUT NEST CARDS (important points to remember).

1. **County/Region codes:** Because each species' cards are tracked and filed alphabetically by region, it is very important that these **4-letter codes** be entered in the provided space. Do not write the atlas region number in this space. See in the Handbook or Table 2 of this report for the 4-letter regional codes.
2. **Observer Number:** Always include your number because it may be our only access to your address. If you do not yet have one, please advise and one will be supplied. This number is the same as that supplied to atlas participants.
3. **Coordinates:** If possible, always give coordinates for the nest location. These may be either latitude/longitude (degrees, minutes, seconds) or, preferably, UTM (northing/easting) points, and both can be determined by the use of topographical/atlas maps or GPS units. If no method for determining coordinates is available, write in a location in the provided space on the card. When using UTM coordinates please include the **2-number UTM ZONE** (eg. 15, 16, 17, 18).
4. **Species Codes:** Always include these **4-letter** codes, which are found on the blue Coding System Card and in Table 1 of this report.
5. **Colony Cards:** A single card will suffice for colony visits; nest numbers and contents can be written in the Comments section.
6. **Cowbird:** Please indicate Brown-headed Cowbird eggs/young when present, and **do not remove** these from the nest as removal often causes nest desertion. A second card for cowbird is no longer necessary.
7. **Nest Visit Dates:** Correct visit dates are vital, and should always be included. They enable the determination of egg dates, incubation periods, fledging times, etc.
8. **Comments:** Bear in mind that written comments, although encouraged, are not read by the computer and have to be entered by hand in to the database. They should not replace the proper Visit Status Codes or Habitat Codes, but should only amplify them or provide information not covered by these codes. However, it should be stressed that shrub and tree names, nest positions/materials/measurements, surrounding vegetation, habitat descriptions etc. are all important, useful and welcome items of information.

Cover: The cover of this report introduces the new ONRS logo.

CURRENT YEAR RECORDS ENTRY

In 2004, ONRS and OBBA volunteers submitted another great card total of **3,089 nest records** in time for inclusion in this report. The increased totals over the past four years are due to the welcome participation and submission of records by atlasers. The ONRS card records total is now **131, 113** and when colonial nests and cards listing more than one nest are added, we have an approximate total of **4,400,000** nests in our database. We continue to maintain a large file of **breeding records** that do not involve actual nests, but these records are not included in the above totals. Thus, many confirmed Atlas records are not included in our nest totals, although they are included in the species' summaries in the two volumes of the *Breeding Birds of Ontario* and their *Revisions*, and these current breeding records will be included in future revisions.

We are continuing to enter all current nest records in the database, and to geo-reference those records, so that soon all our data, including mapped nest locations will be available on computer for study purposes.

Some of the larger submissions for this report include the following:

1. OMNR – London – forest bird study – 984 records from 24 participants.
2. Cindy Cartwright – 176 records.
3. Brad Clements – 171 records.
4. Mark Peck – 100 records.

Contributors added six new nesting species for Haldimand, five new for Dundas, 4 new for Renfrew, and three new for each of Elgin, Grenville, Kenora, Lanark, Lennox and Addington, Peterborough, and Russell. In the breeding season of 2004, the amazing total of **three new nesting species** were added for Ontario. The species and their contributors follow:

1. Black-necked Stilt – Haldimand – M. Peck
2. Stilt Sandpiper – Kenora – P. Burke
3. Hoary Redpoll – Kenora – P. Burke, J. McCracken

As in 2003, **186 species** were submitted for this report, along with **44 new species' nesting regions**. No cards were received for this report from Dufferin County, and only one from Huron, four for Perth, four for Prescott, seven for Russell, and six for Stormont. The counties of Huron and Perth each have only 76 nesting species, and the six other regions with the fewest recorded nesting species, all in southeastern Ontario, are Dundas (32), Glengarry (67), Grenville (61), Prescott (63), Russell (42), and Stormont (36). Most of these regions with low totals have shown increases in the last few years, and we hope that Atlas and ONRS volunteers will continue to work these areas, which should all have higher totals.

CURRENT ONTARIO BREEDING BIRD LIST

The current (2004) Ontario breeding bird list total, including hypothetical and undocumented nesting and breeding species is **296**, of which **288** are represented by nest records in the ONRS database. Included in the total of 296 are **seven (7) species** arbitrarily designated as hypothetical (without documented evidence of nesting or breeding), and another **six (6) 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 seven hypothetical species are Brant, Yellow-crowned Night-Heron, Swainson's Hawk, Eurasian Collared-Dove, Kirtland's Warbler, Connecticut Warbler, and Snow Bunting. The six breeding species still awaiting nest discovery and documentation are Ross's Goose, Surf Scoter, Bufflehead, American Avocet, Pectoral Sandpiper, and Northern Shrike. We have undocumented records of the nesting of **four** of the above named 13 species, and these are Bufflehead, Swainson's Hawk, Eurasian Collared-Dove, and Connecticut Warbler. Nest cards of these latter four species are in the ONRS files but are bracketed [] in the list in Table 1.

BOOK SALE – below ½ PRICE

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

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

We continue to offer these books, now at less than half price, as long as our supply lasts; and with the proceeds going to the ONRS:

- \$35.00 per set of both volumes
- 3.50 p&h
- 2.45 GST

Total -- \$40.95

To order, mail cheque made out to the Royal Ontario Museum and send to:

ONRS/Ornithology – Dept. of Natural History, Royal Ontario Museum, 100 Queen's Park, Toronto, ON M5S 2C6

Telephone: (416) 586-5523

E-mail: onrs@rom.on.ca

Six-part revisions to both volumes of *Breeding Birds* and an Appendix to Volume 1 were published in the Ontario Field Ornithologists' journal *Ontario Birds*, and these have updated the volumes to 1999. The text of these update papers can be down-loaded from the web-site <http://www.birdsontario.org/onrs/nidiology.html>. Hard copy versions with their photographs can be purchased from the Ontario Field Ornithologists, Box 455, Station R, Toronto, ON M4G 4E1.

ONRS AS AN INFORMATION SOURCE

Some of the individuals and organizations who have used and/or are using our database for conservation and research purposes, and others who have cited our publications, include:

1. **Bird Life International & Lynx Edicions, Barcelona, Spain**, publishers of **Handbook of the Birds of the World**.
2. **Authors/editors of *The Birds of North America***. The Academy of Natural Sciences, Philadelphia, PA, and The American Ornithologists' Union, Washington, DC.
3. **Al Sandilands**, author of *Birds of Ontario: Habitat Requirements, Limiting Factors & Status*.
4. **Bob Curry**, for *Birds of Hamilton* (in progress).
5. **Authors/editors of *Birds of Simcoe County*** (in progress).
6. **Winnie Poon and Roy B. H. Smith** for their paper, *Brown-headed Cowbird Parasitism of Northern Mockingbirds in Ontario*. *Ontario Birds* 23(1).
7. **Authors/editors of *Birds of Elgin County***, Naturalists of Elgin County. 2004.
8. **Canadian Wildlife Service**.
9. **Bird Studies Canada**, Port Rowan, ON
10. **Glenn Coady, Mark K. Peck, Karl R. Konze and Gerry Binsfeld** for their paper, *An Unusual Ground Nest of the Merlin*. *Ontario Birds* 23(1).
11. **Global Biodiversity Information Facility** – international organization using ONRS data worldwide.

Completed nest cards, requests for blank cards and regional nesting lists should be sent to the address or E-mail on page 3. Coding cards, handbooks, and annual reports can also be requested or can be down-loaded from <http://www.birdsontario.org/onrs/onrsmain.html>.

Please notify us of mailing address changes so we can continue to mail out annual reports to all active contributors. If you do not have an observer number please let us know and one will be supplied. This number is the same one used for the Ontario Breeding Bird Atlas.

CURRENT HIGHLIGHTS AND LOWLIGHTS

- Canada Goose – a 28 day incubation period was reported from a Niagara nest, and the earliest egg date (23 March) from a Lambton nest, both in 2004.
- Duck species – apart from Mallard and Wood Duck, few or no nests of the ‘dabbling duck’ species were reported.
- Wood Duck/Hooded Merganser – eggs of both species were reported in nests in Leeds County in 2004, probably indicating egg ‘dumping’ by these cavity-nesting ducks.
- Sharp-tailed Grouse – the third Ontario nest was found in Kenora in 2004.
- Wild Turkey – 18 nests of this increasing species were reported in 2004.
- Great Egret – the four reported nest sites and numbers of this heron in 2004 were: Chantry Island, Bruce County (47 nests); High Bluff Island, Northumberland County (10 nests); Nottawasaga Island, Simcoe County (100+ nests); Leslie Street spit, Toronto (1 nest).
- Green Heron – the latest egg date thus far reported was 7 August, from Durham in 2004.
- Bald Eagle – 59 nests were reported in Ontario in 2004, with 30 of them from southern Ontario. The first Ontario ground nest of this species was reported from Quetico Provincial Park in 2004.
- Merlin – 12 nests of this apparently increasing species were reported in 2004, and an unusual ground nest was found in Kenora in 2004 which contained a probably complete clutch of two eggs.
- Common Moorhen – no nests have been reported for this marsh-dwelling species since 1999.
- American Coot – no nests have been reported for this marsh-dwelling species since 2000.
- American Golden-Plover – the 7th and 8th nests of this species were found in Kenora in 2004.
- Piping Plover – no nest of this almost extirpated provincial species has been found since 2001.
- Killdeer – our earliest egg date (23 March) was reported from a Lambton nest in 2004.
- * **Black-necked Stilt** – the first provincial nest of this shorebird was found in Haldimand region in 2004.
- Greater Yellowlegs – Ontario’s 4th nest was reported from Kenora in 2004.
- Solitary Sandpiper – the 4th and 5th nests were found in Kenora in 2004.
- Upland Sandpiper – no nests were reported in 2004 for this grassland shorebird.
- Hudsonian Godwit – the 5th provincial nest was found in 2004 in northwestern Kenora.
- * **Stilt Sandpiper** – the first provincial nest of this shorebird was found in 2004 in northwestern Kenora.
- Parasitic Jaeger – the 6th provincial nest was found in 2004 in northwestern Kenora.
- Barn Owl – no new nests have been reported since 1989.
- Barred Owl – the previously-noted Muskoka nest, in 2004 has been occupied for eight consecutive years.
- Boreal Owl – as in 2003, five nests were again reported from Kenora in 2004.
- Whip-poor-will – no nests reported since 2001.
- Eastern Kingbird – in 2003 adults were observed carrying nesting material in to a multi-compartmented martin-House in Northumberland County.
- Loggerhead Shrike – no nest records have been submitted in the last three years for this declining species.
- Common Raven – Ontario’s most northerly nest was discovered in 2004 in Kenora by the West Pen Island Atlas group.
- Barn Swallow – a 2004 Grey County nest was discovered on a shower-curtain rod in the bathroom of an abandoned house.
- Tufted Titmouse – Ontario’s most northerly nest of this Carolinian species was found in 2004 in Algonquin Provincial Park, Nipissing.
- American Robin – a 7-egg clutch was reported from Grey County in 2004, which may have represented eggs from more than one nesting attempt.
- Northern Parula – a 2004 Lennox and Addington nest is the most southerly to date.
- Common Yellowthroat – a nest at Attawapiskat, Kenora District in 2004 is the most northerly yet reported.
- Fox Sparrow – the 10th provincial nest was found in Kenora District in 2004.
- White-crowned Sparrow – in 2004 a nest of the *leucophrys* race was reported from eastern Kenora District, and a nest of the *gambelii* race was discovered in extreme northwestern Kenora, also in 2004.
- Bobolink – no nests of this grassland-nesting species were submitted in 2004.
- Brown-headed Cowbird – an egg of this brood parasite was laid in 2004 in a 2003 Yellow Warbler nest, in Toronto. A woodland study, in 2004, involving 48 nests of Red-eyed Vireo indicated 40% parasitism, and 232 nests of Wood Thrush showed 28.9% parasitism.
- * **Hoary Redpoll** – the first documented nesting, involving three nests, were found in 2004 by the Atlas team working in the West Pen Island area of northwestern Kenora District.
- Evening Grosbeak – the nest of this species is difficult to find and rarely reported; in 2004 the 13th provincial nest was found in Hastings County.

NEW NESTINGS FOR ONTARIO REGIONS

Canada Goose – Algoma (2004)
 Mute Swan – Prince Edward (2004)
 Wood Duck – Renfrew (2004)
 Common Goldeneye – Nipissing (2004)
 Hooded Merganser – Leeds (2004)
 Common Merganser – Renfrew (2004)
 Sharp-tailed Grouse – Kenora (2004)
 Wild Turkey – Brant (2004), Haldimand (2004), Peterborough (2004)
 Double-crested Cormorant – Niagara (2004)
 Osprey – Glengarry (2004)
 Broad-winged Hawk – Russell (2004)
 Red-tailed Hawk – Brant (2004)
 Merlin – Peterborough (2004)
 Sandhill Crane – Norfolk (2004)

***Black-necked Stilt** – Haldimand (2004)

***Stilt Sandpiper** – Kenora (2004)

Wilson's Phalarope – Haldimand (2004)
 Rock Pigeon – Frontenac (2004), Lanark (2004), Russell (2004)
 Long-eared Owl – Bruce (2004)
 Belted Kingfisher – Dundas (2004)
 Yellow-bellied Sapsucker – Haldimand (2004)
 Pileated Woodpecker – Lanark (2004)
 Red-eyed Vireo – Brant (2004)
 American Crow – Renfrew (2004), Russell (2004)
 Common Raven – Glengarry (2004), Lanark (2004), Lennox and Addington (2004), Northumberland (1999),
 Prescott (2004)
 Northern Rough-winged Swallow – Dundas (2004)
 Tufted Titmouse – Elgin (2004), Nipissing (2004)
 Brown Creeper – Northumberland (2004), Oxford (2004), Renfrew (2004)
 Winter Wren – Lambton (2004)
 Ruby-crowned Kinglet – Peterborough (2004)
 Blue-gray Gnatcatcher – Grenville (2004)
 Eastern Bluebird – Dundas (2004)
 Gray Catbird – Grenville (2004)
 Northern Mockingbird – Haldimand (2004)
 Brown Thrasher – Dundas (2004)
 Northern Parula – Lennox and Addington (2004)
 Black-throated Blue Warbler – Lennox and Addington (2004)
 Hooded Warbler – Haldimand (2004)
 Canada Warbler – Elgin (2004)
 Savannah Sparrow – Dundas (2004)
 Swamp Sparrow – Elgin (2003), Grenville (2004)
 Dark-eyed Junco – Cochrane (2004)

***Hoary Redpoll – Kenora (2004)**

Evening Grosbeak – Hastings (2004)

ACKNOWLEDGEMENTS

We again wish to express our sincere appreciation to our regular ONRS contributors and also to the Ontario Breeding Bird Atlas (OBBA) volunteers for the quality and steadily increasing numbers of their nest card submissions to this program. The added contributions from atlasers in this, the fourth year (2004) of the Atlas have been even greater than in previous years. We trust that these valued, additional contributions will continue in the final year of the present Atlas, and again urge atlasers to retain their squares after the conclusion of the Atlas in 2005, and carry on searching for active nests and submitting these needed records to the ONRS. Our monitoring program has enjoyed a cooperative and, we hope mutually beneficial association with the present Atlas, and we again wish to express our thanks to Mike Cadman and Nicole Kopysh of the Canadian Wildlife Service, and the Regional Coordinators for their support of the ONRS. We wish the Atlas continued success in its final year.

Mark Peck, Ornithology Technician at the ROM, and my partner in managing this program, and I, wish to express our gratitude to the staff of the Ornithology division of the Department of Natural History, Royal Ontario Museum: Brad Millen, Department Technician, for his expert assistance with data entry and geo-referencing; Cathy Ayley, Administrative Coordinator; Sue Chopra, Accounts Officer; volunteers, John Brett, Lauren Cox, and Sabah Kahn for data entry; and to Ross James, Departmental Associate, for his valued advice on ONRS matters and published papers using ONRS data.

Bird Studies Canada (BSC) and its staff (Denis Lepage, Susan Debreceni, Jon McCracken, Dawn Laing, Rosie Kirton) have been a constant source of assistance in nest card scanning, website maintenance for card entry and the down-loading of ONRS-related material, assignment of observer numbers, and for their annual submission of nest records to the ONRS of such special-interest species as Bald Eagle, Prothonotary and Hooded Warblers, along with other species. These card submissions have helped to keep our files on these signal species complete and up-to-date.

Our appreciation must be expressed to Lynne Richardson, Thornbury, ON for her valued help in solving computer problems encountered while organizing the text and tables of this manuscript.

As always our continued gratitude is extended to the Canadian Wildlife Service, and to Rick Pratt, Ontario Division, for their interest and annual financial support of the ONRS, which has enabled our program to flourish and become a valuable environmental database.

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Toronto, Ontario

Spring, 2005

Table 1: Card Totals per Species

SPECIES	Pre-2003	2003	2004
Snow Goose (SNGO)	19	1	5
Ross's Goose (ROGO)	-		
Canada Goose (CAGO)	1325	92	74
[Brant] (BRAN)	-		
Mute Swan (MUSW)	307	6	13
Trumpeter Swan (TRUS)	60	1	1
Tundra Swan (TUSW)	10		5
Wood Duck (WODU)	206	10	7
Gadwall (GADW)	202		
American Wigeon (AMWI)	25		
American Black Duck (ABDU)	387	2	1
Mallard (MALL)	1551	11	10
Blue-winged Teal (BWTE)	375	1	2
Cinnamon Teal (CITE)	1		
Northern Shoveler (NSHO)	16	2	
Northern Pintail (NOPI)	76	4	
Green-winged Teal (GWTE)	32	2	1
Canvasback (CANV)	4		
Redhead (REDH)	22		
Ring-necked Duck (RNDU)	36		1
Greater Scaup (GRSC)	6		
Lesser Scaup (LESC)	11	2	
King Eider (KIEI)	1		
Common Eider (COEI)	10		2
Surf Scoter (SUSC)	-		
White-winged Scoter (WWSC)	1		
Long-tailed Duck (LTDU)	5(7)	3	
Bufflehead (BUFF)	[2]		
Common Goldeneye (COGO)	129	1	2
Hooded Merganser (HOME)	151	6	4
Common Merganser (COME)	136	1	3
Red-breasted Merganser (RBME)	39		
Ruddy Duck (RUDU)	19		
Gray Partridge (GRPA)	18		
Ring-necked Pheasant (RIPH)	155		1
Ruffed Grouse (RUGR)	409	7	8
Spruce Grouse (SPGR)	35	1	
Willow Ptarmigan (WIPT)	34	6	3
Sharp-tailed Grouse (STGR)	2		1
Greater Prairie-Chicken (GPCH)	2		
Wild Turkey (WITU)	32	4	18
Northern Bobwhite (NOBO)	15		
Red-throated Loon (RTLO)	8	2	

SPECIES	Pre-2003	2003	2004
Pacific Loon (PALO)	22	2	1
Common Loon (COLO)	575	11	18
Pied-billed Grebe (PBGR)	519		3
Horned Grebe (HOGR)	12		
Red-necked Grebe (RNGR)	127 (129)	5	5
Eared Grebe (EAGR)	4		
American White Pelican (AWPE)	50		
Double-crested Cormorant (DCCO)	618	10	8
American Bittern (AMBI)	280		2
Least Bittern (LEBI)	387		1
Great Blue Heron (GBHE)	896	18	32
Great Egret (GREG)	56	4	7
Snowy Egret (SNEG)	1		
Cattle Egret (CAEG)	32		
Green Heron (GRHE)	249	2	3
Black-crowned Night-Heron (BCNH)	476	5	6
[Yellow-crowned Night-Heron] (YCNH)	-		
Turkey Vulture (TUVU)	124	5	7
Osprey (OSPR)	1110(1117)	49	29
Bald Eagle (BAEA)	835 (1215)	46	59
Northern Harrier (NOHA)	289	3	5
Sharp-shinned Hawk (SSHA)	103	2	1
Cooper's Hawk (COHA)	176	5	4
Northern Goshawk (NOGO)	196	6	2
Red-shouldered Hawk (RSHA)	453	2	2
Broad-winged Hawk (BWAH)	235	10	6
[Swainson's Hawk] (SWHA)	[1]		
Red-tailed Hawk (RTHA)	1319	32	35
Rough-legged Hawk (RTHA)	9		
Golden Eagle (GOEA)	28	1	1
American Kestrel (AMKE)	417	6	11
Merlin (MERL)	136	7	12
Peregrine Falcon (PEFA)	160	2	4
Yellow Rail (YERA)	4		
King Rail (KIRA)	14		
Virginia Rail (VIRA)	236		2
Sora (SORA)	271		2
Common Moorhen (COMO)	530		
American Coot (AMCO)	465		
Sandhill Crane (SACR)	29	3	2
American Golden-Plover (AMGP)	6		2
Semipalmated Plover (SEPL)	56	2	2
Piping Plover (PIPL)	132		

SPECIES	Pre-2003	2003	2004
Killdeer (KILL)	1597	19	22
Black-necked Stilt (BNST)			1
American Avocet (AMAV)	-		
Greater Yellowlegs (GRYE)	2	1	1
Lesser Yellowlegs (LEYE)	4	1	
Solitary Sandpiper (SOSA)	2	1	2
Spotted Sandpiper (SPSA)	840	13	10
Upland Sandpiper (UPSA)	70	1	
Whimbrel (WHIM)	10	2	2
Hudsonian Godwit (HUGO)	3	1	1
Martbled Godwit (MAGO)	1		
Semipalmated Sandpiper (SESA)	16	2	
Least Sandpiper (LESA)	12		15
Pectoral Sandpiper (PESA)	-		
Dunlin (DUNL)	16	5	12
Stilt Sandpiper (STSA)			1
Short-billed Dowitcher (SBDO)	1		
Wilson's Snipe (WISN)	99	5	3
American Woodcock (AMWO)	325	5	2
Wilson's Phalarope (WIPH)	60		3
Red-necked Phalarope (RNPH)	7		1
Parasitic Jaeger (PAJA)	4	1	1
Little Gull (LIGU)	24		
Bonaparte's Gull (BOGU)	16		
Ring-billed Gull (RBGU)	632	4	3
California Gull (CAGU)	2		
Herring Gull (HERG)	1865	16	11
Great Black-backed Gull (GBBG)	46 (47)	3	1
Caspian Tern (CATE)	177	1	
Common Tern (COTE)	821	3	2
Arctic Tern (ARTE)	22	4	3
Forster's Tern (FOTE)	62		
Black Tern (BLTE)	1262	2	5
Black Guillemot (BLGU)	1		
Rock Pigeon (ROPI)	306	13	26
[Eurasian Collared-Dove] (ECDO)	[1]		
Mourning Dove (MODO)	2295	23	25
<i>Passenger Pigeon (PAPI)</i>	4		
Black-billed Cuckoo (BBCU)	491	7	
Yellow-billed Cuckoo (YBCU)	125	2	1
Barn Owl (BNOW)	41		
Eastern Screech-Owl (EASO)	125	3	
Great Horned Owl (GHOW)	847	19	17

SPECIES	Pre-2003	2003	2004
Northern Hawk Owl (NHOW)	24	1	
Barred Owl (BDOW)	37	3	2
Great Gray Owl (GGOW)	22		
Long-eared Owl (LEOW)	133	1	1
Short-eared Owl (SEOW)	32	2	
Boreal Owl (BOOW)	5	5	5
Northern Saw-whet Owl (NSWO)	30	1	
Common Nighthawk (CONI)	314	3	3
Chuck-will's-widow (CWWI)	1		
Whip-poor-will (WPWI)	90		
Chimney Swift (CHSW)	155		
Ruby-throated Hummingbird (RTHU)	227	6	3
Belted Kingfisher (BEKI)	455	10	27
Red-headed Woodpecker (RHWO)	312	8	6
Red-bellied Woodpecker (RBWO)	56	11	22
Yellow-bellied Sapsucker (YBSA)	657	33	22
Downy Woodpecker (DOWO)	446	27	14
Hairy Woodpecker (HAWO)	498	61	45
American Three-toed Woodpecker (ATWO)	32	2	1
Black-backed Woodpecker (BBWO)	145	7	4
Northern Flicker (NOFL)	1267	31	46
Pileated Woodpecker (PIWO)	207	16	14
Olive-sided Flycatcher (OSFL)	28		
Eastern Wood-Pewee (EAWP)	326	5	11
Yellow-bellied Flycatcher (YBFL)	20	1	
Acadian Flycatcher (ACFL)	123 (126)	45	23
'Traill's Flycatcher Complex' (TRFC)	172		
Alder Flycatcher (ALFL)	65	1	
Willow Flycatcher (WIFL)	124	1	7
Least Flycatcher (LEFL)	339	13	13
Eastern Phoebe (EAPH)	2213(2256)	28	43
Great Crested Flycatcher (GCFL)	472	6	7
Western Kingbird (WEKI)	4		
Eastern Kingbird (EAKI)	1948(1953)	29	23
Loggerhead Shrike (LOSH)	559 (560)		
Northern Shrike (NSHR)	-		
White-eyed Vireo (WEVI)	13	1	
Yellow-throated Vireo (YTVI)	100 (101)		
Blue-headed Vireo (BHVI)	87		3
Warbling Vireo (WAVI)	203 (204)	4	1
Philadelphia Vireo (PHVI)	43		
Red-eyed Vireo (REVI)	754	32	58
Gray Jay (GRAJ)	84		

SPECIES	Pre-2003	2003	2004
Blue Jay (BLJA)	541	22	25
Black-billed Magpie (BBMA)	16		
American Crow (AMCR)	997	18	28
Common Raven (CORA)	372 (376)	24	35
Horned Lark (HOLA)	204 (206)	2	6
Purple Martin (PUMA)	914	3	7
Tree Swallow (TRES)	6842(6844)	195	275
Northern Rough-winged Swallow (NRWS)	492 (493)	6	14
Bank Swallow (BANS)	1570	8	19
Cliff Swallow (CLSW)	1076	18	28
Barn Swallow (BARS)	4245(4250)	23	47
Black-capped Chickadee (BCCH)	796 (803)	40	35
Boreal Chickadee (BOCH)	74	2	1
Tufted Titmouse (TUTI)	14		2
Red-breasted Nuthatch (RBNU)	130 (131)	7	3
White-breasted Nuthatch (WBNU)	147	11	6
Brown Creeper (BRCR)	120	3	3
Carolina Wren (CARW)	49 (50)	2	
Bewick's Wren (BEWR)	5		
House Wren (HOWR)	2065(2140)	50	104
Winter Wren (WIWR)	45		2
Sedge Wren (SEWR)	63 (72)		1
Marsh Wren (MAWR)	537 (576)	2	2
Golden-crowned Kinglet (GCKI)	21		
Ruby-crowned Kinglet (RCKI)	29 (35)	1	1
Blue-gray Gnatcatcher (BGGN)	182 (186)	1	4
Eastern Bluebird (EABL)	6626(6922)	43	55
Mountain Bluebird (MOBL)	2		
Veery (VEER)	549 (550)	12	11
Gray-cheeked Thrush (GCTH)	2		
Swainson's Thrush (SWTH)	208 (209)	3	1
Hermit Thrush (HETH)	233	16	9
Wood Thrush (WOTH)	1309(1310)	192	233
American Robin (AMRO)	8167(8214)	176	225
Gray Catbird (GRCA)	1622(1626)	42	35
Northern Mockingbird (NOMO)	164 (170)	11	5
Brown Thrasher (BRTH)	922 (927)	5	8
European Starling (EUST)	3147(3251)	11	37
American Pipit (AMPI)	8		
Bohemian Waxwing (BOWA)		1	
Cedar Waxwing (CEDW)	1253(1258)	12	11
Blue-winged Warbler (BWWA)	18		1
Golden-winged Warbler (GWWA)	36		1

SPECIES	Pre-2003	2003	2004
'Brewster's Warbler' (hybrid) (BRWA)	2		
['Lawrence's Warbler'] (hybrid) (LAWA)	-		
Tennessee Warbler (TEWA)	31		
Orange-crowned Warbler (OCWA)	1	1	
Nashville Warbler (NAWA)	110	1	
Northern Parula (NOPA)	7		1
Yellow Warbler (YWAR)	2105	25	11
Chestnut-sided Warbler (CSWA)	316	15	7
Magnolia Warbler (MAWA)	149 (150)	5	1
Cape May Warbler (CMWA)	6		
Black-throated Blue Warbler (BTBW)	56	2	1
Yellow-rumped Warbler (YRWA)	235	5	4
Black-throated Green Warbler (BTNW)	67	5	2
Blackburnian Warbler (BLBW)	41		
Pine Warbler (PIWA)	18 (27)		
[Kirtland's Warbler] (KIWA)	-		
Prairie Warbler (PRAW)	49		
Palm Warbler (PAWA)	21	1	1
Bay-breasted Warbler (BBWA)	19		
Blackpoll Warbler (BLPW)	6	1	
Cerulean Warbler (CERW)	87		
Black-and-white Warbler (BAWW)	76	1	
American Redstart (AMRE)	554 (555)	12	10
Prothonotary Warbler (PROW)	163 (184)	4	17
Ovenbird (OVEN)	599	33	64
Northern Waterthrush (NOWA)	120 (125)	3	1
Louisiana Waterthrush (LOWA)	17		1
[Connecticut Warbler] (CONW)	[1]		
Mourning Warbler (MOWA)	47	1	
Common Yellowthroat (COYE)	231	3	5
Hooded Warbler (HOWA)	235 (236)	54	5
Wilson's Warbler (WIWA)	16	1	
Canada Warbler (CAWA)	32		1
Yellow-breasted Chat (YBCH)	21		
Scarlet Tanager (SCTA)	99	5	13
Eastern Towhee (EATO)	178	5	2
American Tree Sparrow (ATSP)	13		1
Chipping Sparrow (CHSP)	1993(1996)	18	7
Clay-colored Sparrow (CCSP)	48		
Field Sparrow (FISP)	431	7	1
Vesper Sparrow (VESP)	541 (542)	1	1
Lark Sparrow (LASP)	9		
Savannah Sparrow (SAVS)	702 (704)	79	32

SPECIES	Pre-2003	2003	2004
Grasshopper Sparrow (GRSP)	89		1
Henslow's Sparrow (HESP)	13		
LeConte's Sparrow (LCSP)	9	2	
Nelson's Sharp-tailed Sparrow (NSTS)	3	1	
Fox Sparrow (FOSP)	5	4	1
Song Sparrow (SOSP)	2242(2246)	13	14
Lincoln's Sparrow (LISP)	32	1	2
Swamp Sparrow (SWSP)	295	3	2
White-throated Sparrow (WTSP)	551 (554)	12	3
Harris's Sparrow (HASP)	1		
White-crowned Sparrow (WCSP)	22	4	4
Dark-eyed Junco (DEJU)	200	2	3
Lapland Longspur (LALO)	14		
Smith's Longspur (SMLO)	17		3
Snow Bunting (SNBU)	-		
Northern Cardinal (NOCA)	532 (534)	32	21
Rose-breasted Grosbeak (RBGR)	734	108	128
Indigo Bunting (INBU)	252	13	15
Dickcissel (DICK)	32 (35)	1	
Bobolink (BOBO)	165 (166)	2	
Red-winged Blackbird (RWBL)	8087(8090)	33	33
Eastern Meadowlark (EAME)	447		1
Western Meadowlark (WEME)	9		
Yellow-headed Blackbird (YHBL)	50		
Rusty Blackbird (RUBL)	45		1
Brewer's Blackbird (BRBL)	260	1	1
Common Grackle (COGR)	2920	21	19
Brown-headed Cowbird (BHCO)	4006	153	136
Orchard Oriole (OROR)	91	1	
Baltimore Oriole (BAOR)	961 (964)	17 (18)	16
Pine Grosbeak (PIGR)	[1]	1	
Purple Finch (PUFI)	136		1
House Finch (HOFI)	335 (339)	7	4
Red Crossbill (RECR)	9		
White-winged Crossbill (WWCR)	10 (12)		
Common Redpoll (CORE)	23	1	2
Hoary Redpoll (HORE)			3
Pine Siskin (PISI)	44 (47)		
American Goldfinch (AMGO)	1542	10	11
Evening Grosbeak (EVGR)	12		1
House Sparrow (HOSP)	1595(1626)	7	24

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

Table 2A: Current Regions – Total of Cards and Species to 2004

REGION	Card	Spp	REGION	Card	Spp
Algoma (ALGO)	1181	112	Middlesex (MIDD)	3095	139
Brant (BRAN)	713	83	Muskoka DM (MUSK)	1175	110
Bruce (BRUC)	3086	156	Niagara (NIAG)	2162	110
Chatham-Kent (post-2000) (CHAT)	180	52	Nipissing (NIPI)	3748	153
Cochrane (COCH)	1408	132	Norfolk (post-2000) (NORF)	1104	83
Dufferin (DUFF)	3332	106	Northumberland (NORT)	3879	127
Dundas** (DUND)	105	32	Ottawa (post-2000) (OTTA)	413	71
Durham RM (DURH)	3297	131	Oxford (OXFO)	1692	106
Elgin (ELGI)	1724	134	Parry Sound (PARR)	2698	137
Essex (ESSE)	2461	118	Peel RM (PEEL)	1073	80
Frontenac (FRON)	1694	150	Perth (PERT)	333	76
Glengarry** (GLEN)	462	67	Peterborough (PETE)	3302	131
Grenville** (GREN)	290	61	Prescott** (PRES)	160	63
Grey (GREY)	4472	129	Prince Edward (PRIN)	1461	111
Haldimand (post-2000) (HALD)	39	24	Rainy River (RAIN)	1327	128
Haliburton (HALI)	1196	107	Renfrew (RENF)	569	97
Halton RM (HALT)	1931	107	Russell** (RUSS)	96	42
Hamilton (post-2000) (HAMI)	25	19	Simcoe (SIMC)	8108	169
Hastings (HAST)	633	100	Stormont** (STOR)	124	36
Huron (HURO)	1202	76	Sudbury (SUDB)	2277	146
Kawartha Lakes(post-2000) (KAWA)	183	67	Thunder Bay (THUN)	2120	151
Kenora (KENO)	2778	174	Timiskaming (TIMI)	1105	104
Lambton (LAMB)	1456	129	Toronto (TORO)	1976	131
Lanark (LANA)	1350	87	Waterloo RM (WATE)	1065	81
Leeds** (LEED)	1517	129	Wellington (WELL)	3326	127
Lennox & Addington (LENN)	728	109	York RM (YORK)	3238	132
Manitoulin (MANI)	1328	138	NWT/Nunavut/Misc.	94	24

** combined counties

Table 2B: Historical Regions – Total of Cards and Species to 1974 and to 2000

REGION	Card	Spp	REGION	Card	Spp
Carleton Co. (pre-1975) (CARX)	896	106	Norfolk Co.(pre-975)(NORX)	2075	124
Durham Co. (pre-1975) (DURX)	2189	131	Ontario Co. (pre-1975)(ONTX)	4300	137
Haldimand Co. (pre-1975) (HADX)	150	63	Ott-Carleton (pre-2001)(OTCX)	1390	111
Haldimand-Norfolk(pre-2001)(HANX)	4072	150	Peel Co. (pre-1975) (PEEX)	1464	103
Halton Co. (pre-1975) (HATX)	2311	110	Victoria Co.(pre-2001)(VICX)	1792	125
Hamilt.-Wentworth(pre-2001)(HAWX)	1820	103	Waterloo Co.(pre-1975)(WATX)	837	102
Kent Co. (pre-2001) (KENX)	3793	143	Welland Co.(pre-1975)(WELX)	344	110
Lincoln Co. (pre-1975) (LINX)	887	84	Wentworth Co.(pre-1975)(WENX)	2064	93
Muskoka Dist. (pre-1975) (MUSX)	1179	112	York Co. (pre-1975) (YORX)	7021	141

Total cards – 131,113

Total nesting species – 288

Table 3: Contributors and Card Numbers processed for ONRS 36

NAME	Card	NAME	Card	NAME	Card
Abraham, K.	1	Gahbauer, M.	11	McLeod, M.	26
Allair, J.	3	Galpern, P.	1	McNeil, G.	1
Anthony, A.	1	Gates, B.	1	Merey, S.	1
Armstrong, T.	3	Gibson, F.	11	Miller, G.	1
Aubin, A.	2	Gildner, D.T.	9	Mills, A.	14
Badcock, J.	2	Goodwin, C.	4	Muir, M.	8
Belyea, G.	25	Gyokery, M.	30	Murphy, G.	18
Binsfeld, G.	25	Hamill, S.	87	Nguyen, L.	4
B.S.C. (McCracken,J.)	1	Hamilton, R.	10	<i>N. A. Birds</i> (Betteridge, G.)	1
Brace, D.	2	Hasley, D.	4	“ (Coady, G.)	1
Braley, B.	13	Heagy, A.	1	“ (Poon, W.)	1
Bridge, W.	3	Hoar, T.	38	“ (Stronks, R.)	1
Brunet, C.	4	Hofmann, T.	1	“ (Tozer, D.)	1
Bryan, R.	15	Holt, M.	1	“ (Weir, R.)	1
Bryan, S.	30	Jacobsen, A.	1	“ (Wormington, A.)	1
Buck, W.	4	James, R.D.	95	Obbard, M.	25
Burke, P.	32	Jaski, G.	1	O’Dell, M.	6
Burns, C.	1	Jobes, A.	8	OFO website (Iron, J.)	1
Cartwright, C.	176	Johanson, A.	6	Oliver, A.	16
Clements, B.	171	Jones, C.	13	OMNR (London)	984
Coady, G.	2	Keenleyside, J.	1	<i>Ontario Birds</i> (Hodgson,P.)	1
Coles, G.	23	Kerr, D.	1	“ (Martin, C.)	1
Cosby, F.	25	Killeen, R.	1	<i>Ontbirds</i> - re Great Egret	1
Crysler, D.	2	King, J.	4	“ - (Hawkins, S.)	1
Dalglish, M.	5	Kits, J.	10	“ - (Parsons, D.)	2
Davidson, A.	6	Konze, K.	3	“ - (Thomas, T.)	1
Dawkins, H.	1	Korol, B.	15	Peck, G.K.	20
Denzel, G.	2	Laing, D.	30	Peck, M.K.	100
Dewey, J.	20	Lambert, D.	5	Phippen, S.	2
Doucette, R.	1	Lang, A.	12	Poon, W.	7
Dzida, C.	11	Lefneski, R.	1	Quickert, N.	10
Eagles, P.	4	Lemon, J.	2	Rayner, W.	14
Evoy, K.	1	Lepage, D.	2	Read, P.	31
Ewart, J.	5	Lewington, D.	17	Reaume, J.	4
Faccio, S.	2	Lipinski, R.	5	Richards, J.	69
Falconer, M.	5	Love, J.	1	Richmond, A.	7
Fidler, D.	1	Mackenzie, A.	12	Ridout, R.	6
Fleguel, M.	2	Mann, B.	2	Risley, C.	1
Foster, S.	7	Martin, D.	29	Rogerson, A.	1
Frank, R.	35	McCracken, J.	19	Romaniuk, S.	3
Fregeau, J.	2	McGuire, K.	6	Sadowski, C.	2
Frost, R.	1	McLeish, W.	7	Sage, L.	3

NAME	Card	NAME	Card	NAME	Card
Sandilands, A.	9	Stanforth, L.	1	Tucker, B.	2
Schmelefske, J.	1	Street, M.	1	Vasiliauskas, S.	19
Schmidt, L.	5	Sutherland, D.	3	Whitelaw, C.	24
Schuurman, D.	10	Taylor, N.	13	Whittam, T.	6
Semark, G.	25	Timf, M.	1	Wilcox, A.	17
Shackleton, K.	8	Timmerman, A.	9	Williams, S.	22
Shulist, B.	14	Todd, J.	1	Wilson, A.E.	33
Sirois, L.	60	<i>Todd, W.E.C. (Sutton, G.)</i>	1	Wood, R.	88
Sleep, D.	5	Tomlinson, D.	11	Woodliffe, P.A.	23
Smith, P.D.	1	Trottier, J.	1		
Smith, R.	7	Trute, L.	6		



Figure 1. Eggs of Black-necked Stilt, Haldimand Region, 2004. M. K. Peck

