Date Guide

TO THE BIRDS
OF THE HAMILTON STUDY AREA

PUBLISHED BY
THE HAMILTON NATURALISTS’ CLUB
To the Memory of
GEORGE WEBSTER NORTH
(1910 - 1983)
Dedicated Bird Observer

and

To the Memory of
BRUCE W. DUNCAN
(1946 - 2006)
Dedicated Naturalist

and

To the Memory of
ALAN WORMINGTON
(1954 - 2016)
Dedicated Bird Observer

cover photo - Adult Long-tailed Jaeger at Van Wagners Beach, Hamilton - 8 August 2018 - photo courtesy Barry Cherriere.
INTRODUCTION

It has been over 30 years (1988) since the publication of the last Date Guide. Much has changed in the Hamilton area since that time. The 1988 Checklist of the Birds of the Hamilton Area lists 365 species that had occurred in the HSA up until that time. The new Hamilton Area Bird Checklist 2019 (May 2019) comprises over 398 species that have occurred within the Hamilton Study Area (HSA), a 40.2 km radius (25 mile) centred at Dundurn Castle (inside back cover). Thirty-three species have to be added to this new guide! One species, Thayer’s Gull, is now considered conspecific with Iceland Gull. However, we have retained it here in this document as a subspecies of Iceland Gull with an eye to it possibly being reinstated to full species status in the future. Additionally, the status of many species has changed. Some species have become much more common such as Sandhill Crane and Long-tailed Jaeger, and some species, such as Common Gallinule and Yellow-breasted Chat, are much less common. Also, migration patterns are changing due to climate change; many migratory species are arriving earlier in the spring and lingering later in the fall which was another overriding decision to update this Guide.

Of the 398 species that have been recorded in the HSA, 130 are considered rare or accidental within the area. The Hamilton Bird Records Committee (HBRC) has requested sightings of such birds (indicated by an exclamation mark on the checklist and ‘All Year’ in this guide) to be documented, either in written format or with a photograph, to verify sightings from similar species. This documentation can then be evaluated by the HBRC and become part of a permanent record of birds that have occurred in the HSA. By adopting this formal verification system, the sight records (and photographs) achieve a more scientific status. The Hamilton Naturalists’ Club is the organization that is maintaining the database of birds of the HSA.

Sightings of birds not listed as rare or accidental sometimes should also be considered as an unusual record and be documented. Therefore, the question arises as to what is an unusual record. Those shown...
as rare on the checklist are easily recognized as unusual because they are mostly rarities of geography — birds from some other part of the continent or in some cases, other parts of the world. However, there are other rarities — rarities of time. These are not so easily recognized even by experienced birders because of the vast knowledge required of the status of each species. These rarities of time — late and early migrants, summer stragglers and so on — may provide as much excitement and scientific value as the geographic rarities. This Date Guide has been compiled to provide information for observers in our area about both geographic and date rarities.

In contrast to the previous two editions of this guide (1984, 1988), where an ad hoc committee formed in 1984 used their experience to determine dates, aided by the annual Alan Wormington Fall Bird Count, Christmas Bird Counts and the Wood Duck “Noteworthy Bird Records”, this Date Guide edition uses dates published in Birds of Hamilton and the Surrounding Areas (2006). This indispensable book lists the three earliest and three latest all-time dates (listed as “extreme dates”) for both the spring and fall migration for most species. It is these extreme dates that the current authors of this Date Guide have used to arrive at documentation criteria for date rarities. An example from Birds of Hamilton (BOH) is Lincoln’s Sparrow; the early spring extreme dates are 22, 23 and 26 April and the late spring extreme dates are 1, 3, and 6 June. For the fall migration, the early extreme dates are 14, 23, and 26 August and the late extreme dates are 12 and 30 November and 13 December. Thus, in the HSA, a sighting of Lincoln’s Sparrow needs to be documented from 1 Jan to 26 April, from 1 June to 26 August, and from 12 November to 31 December.
However, it has been over 10 years since BOH was published and there have been many records that have become the “new” three extreme dates and the HBRC has decided to update these records here accordingly. This has occurred for many species and an example of this is Blue-headed Vireo. Formerly this species had to be documented in the spring if it was seen on 19 April or earlier and from 11 November or later. Now, spring documentation is needed on 18 April and on 24 November.

Nonetheless, the HBRC has decided to not be strictly bound by these “extreme dates” and some documentation dates in this guide have been ‘tweaked’ a bit to better reflect the true rarity of certain taxa. An example of this is Yellow Warbler. In BOH, the latest dates for this species are 9, 10, & 21 November. However, we feel that Yellow Warbler should be documented by 20 October for such as early fall migrant, especially considering this species has only been seen once on the Alan Wormington Fall Bird Count. But this tweaking is limited and we have adopted the BOH dates (with updates) for the most part as it is a good system.

The birds may be considered in three categories:

1. **Birds requiring no documentation.** These birds occur often enough throughout the year to not require a verifying report. However, this does not mean that they will necessarily be found throughout our area all year long. For example, Common Yellowthroats do not normally winter in the HSA, but they occur often enough that we consider a winter sighting as being not unusual.

2. **Birds requiring documentation for any sighting.** Birds of this category are of rare or accidental occurrence in the area and will require a documented report or photograph of any observation. Some of these may, in the experience of some observers, be found more often than those requiring no documentation, especially at certain times of the year. The reason they are listed in this category and not otherwise is that perhaps more information is needed on their status or that there is an unusual difficulty in their field identification.

3. **Birds requiring documentation within limiting dates.** If one of these species of birds is observed within the limiting dates assigned, a detailed report documenting the observation (or photograph) should be submitted. These dates do not indicate that the bird can normally be found at all times outside of the documentation period. Indeed, most of the species would be rare near the limiting dates.
Anyone who observes a bird for which documentation is required, should always do their best to show the bird to as many interested birders as possible, especially experienced observers. Photographs or recordings of the bird’s songs or calls will contribute greatly to verification of the observation.

Because some birds are common in certain parts of our area and rare in others, the records committee may ask for documentation when a bird is sighted in an unusual area even though the date of observation is not unusual. An example of this would be a sighting of Brant away from Lake Ontario/Hamilton Harbour. Furthermore, documentation may be requested where a species has been observed in unusually high numbers. Documentation should also be submitted for sightings of unusual recognizable subspecies. An example of this would be an “Oregon” Junco a western subspecies of the abundant Dark-eyed Junco.


This publication will be on-line as a pdf on the HNC website, www.hamiltonnature.org, and the on-line edition will be updated every two to three years. Paper copies are available from bill-lamond@hotmail.com and cost $5.00 each.
ACKNOWLEDGMENTS


This third edition of the guide was prepared as a centennial project of the Hamilton Naturalists’ Club. Responsibility for the accuracy and judgement made in preparing this publication rests with the authors.

Barbara Charlton
Robert Curry
Robert Dobos
William Lamond
Ross Wood

Hamilton Bird Records Committee

Written documentation and photographs can be sent to Bill Lamond, Secretary of the HBRC at bill-lamond@hotmail.com

Much of the text used in this guide is from the original 1984 edition. Most of the new material in this 3rd edition will be obvious to readers and was authored by the HBRC members listed above. The photos of the birders here are those field ornithologists/birders that have contributed greatly to Hamilton birding over the last 150 years. The text in the captions for these photos was solely authored by Bill Lamond.
DUCKS, GEESE & SWANS

- Black-bellied Whistling-Duck: All Year
- Fulvous Whistling-Duck: All Year
- Snow Goose: 18 May - 11 Sep.
- Greater White-fronted Goose: 15 Apr - 25 Oct
- Brant: 1 Jan - 6 May, 8 Jun - 24 Sep,
- Cackling Goose: 1 Jan - 12 Mar, 26 Dec - 31 Dec
- Canada Goose: None
- Mute Swan: None
- Trumpeter Swan: None
- Tundra Swan: 9 Jun - 11 Oct
- Wood Duck: None
- Blue-winged Teal: 1 Jan - 12 Mar, 26 Dec - 31 Dec
- Cinnamon Teal: All Year
- Northern Shoveler: None
- Gadwall: None
- Eurasian Wigeon: All Year
- American Wigeon: None
- Mallard: None
- American Black Duck: None
- Northern Pintail: None
- Green-winged Teal: None
- Canvasback: None
- Redhead: None
- Ring-necked Duck: None
- Tufted Duck: All Year
- Greater Scaup: None
- Lesser Scaup: None
- King Eider: 5 May - 13 Oct
- Common Eider: All Year
- Harlequin Duck: 22 May - 7 Oct
- Surf Scoter: 13 Jun - 17 Sep
- White-winged Scoter: 11 Jun - 17 Aug
- Black Scoter: 8 Jun - 16 Sep
- Long-tailed Duck: None
- Bufflehead: None
- Common Goldeneye: None
- Barrow's Goldeneye: All Year
- Smew: All Year
- Hooded Merganser: None
### Common Merganser
None

### Red-breasted Merganser
None

### Ruddy Duck
None

### NEW WORLD QUAIL

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<thead>
<tr>
<th>Species</th>
<th>Observation Period</th>
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<tbody>
<tr>
<td>Northern Bobwhite</td>
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### PARTRIDGES, GROUSE & TURKEYS

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<td>Ruffed Grouse</td>
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<td>Spruce Grouse</td>
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<tr>
<td>Willow Ptarmigan</td>
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<tr>
<td>Sharp-tailed Grouse</td>
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<tr>
<td>Greater Prairie-Chicken</td>
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<tr>
<td>Wild Turkey</td>
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### GREBES

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<td>Horned Grebe</td>
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<td>Red-necked Grebe</td>
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<tr>
<td>Eared Grebe</td>
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<tr>
<td>Western Grebe</td>
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### PIGEONS & DOVES

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<td>Rock Pigeon</td>
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<td>Eurasian Collared-Dove</td>
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<td>Passenger Pigeon</td>
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<tr>
<td>White-winged Dove</td>
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<tr>
<td>Mourning Dove</td>
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### CUCKOOS

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<tr>
<td>Yellow-billed Cuckoo</td>
<td>1 Jan - 5 May - 23 Oct - 31 Dec</td>
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<tr>
<td>Black-billed Cuckoo</td>
<td>1 Jan - 1 May - 19 Oct - 31 Dec</td>
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### GOATSUCKERS

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<td>Chuck-will’s-widow</td>
<td>All Year</td>
</tr>
<tr>
<td>Eastern Whip-poor-will</td>
<td>1 Jan - 17 Apr - 11 Oct - 31 Dec</td>
</tr>
</tbody>
</table>
## SWIFTS
- Chimney Swift
  - 1 Jan - 15 Apr........................................23 Oct - 31 Dec

## HUMMINGBIRDS
- Ruby-throated Hummingbird
  - 1 Jan - 27 Apr........................................5 Nov - 31 Dec
- Rufous Hummingbird
  - -----------------------All Year------------------------

## RAILS, GALLINULES & COOTS
- Yellow Rail
  - -----------------------All Year------------------------
- Black Rail
  - -----------------------All Year------------------------
- King Rail
  - -----------------------All Year------------------------
- Virginia Rail
  - 1 Jan - 7 Apr........................................30 Dec - 31 Dec
- Sora
  - 1 Jan - 7 Apr........................................5 Nov - 31 Dec
- Purple Gallinule
  - -----------------------All Year------------------------
- Common Gallinule
  - 1 Jan - 3 Apr........................................18 Nov - 31 Dec
- American Coot
  - None..............................................................................

## CRANES
- Sandhill Crane
  - None..............................................................................
- Whooping Crane
  - -----------------------All Year------------------------

## STILTS & AVOCETS
- Black-necked Stilt
  - -----------------------All Year------------------------
- American Avocet
  - -----------------------All Year------------------------

## OYSTERCATCHERS
- American Oystercatcher
  - -----------------------All Year------------------------

## PLOVERS
- Black-bellied Plover
  - 1 Jan - 24 Apr......11 Jun - 30 Jul......27 Nov - 31 Dec
- American Golden-Plover
  - 1 Jan - 3 Aug........................................28 Nov - 31 Dec
- Wilson's Plover
  - -----------------------All Year------------------------
- Semipalmated Plover
  - 1 Jan - 3 May........................................20 Nov - 31 Dec
- Piping Plover
  - -----------------------All Year------------------------
- Killdeer
  - None..............................................................................

## SANDPIPERS & PHALAROPES
- Upland Sandpiper
  - 1 Jan - 10 Apr........................................22 Sep - 31 Dec
- Eskimo Curlew
  - Extinct...........................................................................
- Whimbrel
  - 1 Jan - 18 May......1 Jun - 6 Jul......10 Oct - 31 Dec
- Long-billed Curlew
  - -----------------------All Year------------------------
### Hudsonian Godwit
1 Jan - 9 Aug..............18 Nov - 31 Dec

### Marbled Godwit
------------------------All Year------------------------

### Ruddy Turnstone
1 Jan - 8 May.............21 Jun - 13 Jul........10 Nov - 31 Dec

### Red Knot
1 Jan - 19 Jul..............18 Oct - 31 Dec

### Ruff
------------------------All Year------------------------

### Sharp-tailed Sandpiper
------------------------All Year------------------------

### Stilt Sandpiper
1 Jan - 23 Jun..............1 Nov - 31 Dec

### Curlew Sandpiper
------------------------All Year------------------------

### Sanderling
1 Jan - 13 May.............21 Jun - 13 Jul........10 Nov - 31 Dec

### Dunlin
1 Jan - 29 Mar.................................

### Purple Sandpiper
------------------------All Year------------------------

### Baird’s Sandpiper
1 Jan - 20 Jul..............2 Nov - 31 Dec

### Least Sandpiper
1 Jan - 19 Apr..............1 Dec - 31 Dec

### White-rumped Sandpiper
1 Jan - 30 Apr..............24 Nov - 31 Dec

### Buff-breasted Sandpiper
1 Jan - 14 Aug..............1 Aug - 31 Dec

### Pectoral Sandpiper
1 Jan - 27 Mar..............27 May - 5 Jul........25 Nov - 31 Dec

### Semipalmated Sandpiper
1 Jan - 30 Apr..............13 Nov - 31 Dec

### Western Sandpiper
------------------------All Year------------------------

### Short-billed Dowitcher
1 Jan - 5 May.............3 Jun - 25 Jun........10 Oct - 31 Dec

### Long-billed Dowitcher
1 Jan - 28 Jul..............13 Nov - 31 Dec

### Wilson’s Snipe
1 Jan - 11 Mar......................

### American Woodcock
1 Jan - 23 Feb..............22 Dec - 31 Dec

### Spotted Sandpiper
1 Jan - 12 Apr..............1 Nov - 31 Dec

### Solitary Sandpiper
1 Jan - 14 Apr..............28 May - 25 Jun........26 Oct - 31 Dec

### Greater Yellowlegs
1 Jan - 13 Mar..............5 Jun - 28 Jun........29 Nov - 31 Dec

### Willet
1 Jan - 27 Apr..............3 Jun - 15 Jul........4 Oct - 31 Dec

### Lesser Yellowlegs
1 Jan - 13 Mar..............7 Jun - 20 Jun........1 Dec - 31 Dec

### Wilson’s Phalarope
1 Jan - 30 Apr..............6 Jun - 18 Jun........25 Oct - 31 Dec

### Red-necked Phalarope
1 Jan - 31 Jul..............1 Nov - 31 Dec

### Red Phalarope
1 Jan - 8 Sep..............29 Nov - 31 Dec

### JAEGERS

### Pomarine Jaeger
1 Jan - 31 Aug..............1 Dec - 31 Dec

### Parasitic Jaeger
1 Jan - 23 Aug..............20 Nov - 31 Dec

### Long-tailed Jaeger
1 Jan - 19 Aug..............23 Oct - 31 Dec

### AUKS & MURRES

### Dovekie
------------------------All Year------------------------

### Thick-billed Murre
------------------------All Year------------------------

### Razorbill
------------------------All Year------------------------

### Black Guillemot
------------------------All Year------------------------
Ancient Murrelet

GULLS & TERNs
Black-legged Kittiwake
Ivory Gull
Sabine’s Gull
Bonaparte’s Gull
Black-headed Gull
Little Gull
Laughing Gull
Franklin’s Gull
Heerman’s Gull
Mew Gull
Ring-billed Gull
California Gull
Herring Gull
“Thayer’s” Iceland Gull
“Kumlien’s” Iceland Gull
Lesser Black-backed Gull
Slaty-backed Gull
Glaucous Gull
Great Black-backed Gull
Least Tern
Caspian Tern
Black Tern
Common Tern
Arctic Tern
Forster’s Tern
Sandwich Tern

LOONS
Red-throated Loon
Pacific Loon
Common Loon
Yellow-billed Loon

SHEARWATERS & PETRELS
Northern Fulmar
Black-capped Petrel
Manx Shearwater
<table>
<thead>
<tr>
<th>Taxonomy</th>
<th>Species</th>
<th>Distribution</th>
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<tbody>
<tr>
<td>STORM-PETRELS</td>
<td>Wilson's Storm-Petrel</td>
<td>All Year</td>
</tr>
<tr>
<td></td>
<td>Leach's Storm-Petrel</td>
<td>All Year</td>
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<td>STORKS</td>
<td>Wood Stork</td>
<td>All Year</td>
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<td>GANNETS</td>
<td>Northern Gannet</td>
<td>All Year</td>
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<td>CORMORANTS</td>
<td>Neotropic Cormorant</td>
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<td>Double-crested Cormorant</td>
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<td></td>
<td>Great Cormorant</td>
<td>All Year</td>
</tr>
<tr>
<td>DARTERS</td>
<td>Anhinga</td>
<td>All Year</td>
</tr>
<tr>
<td>PELICANS</td>
<td>American White Pelican</td>
<td>1 Jan - 15 Apr</td>
</tr>
<tr>
<td></td>
<td>Brown Pelican</td>
<td>21 Oct - 31 Dec</td>
</tr>
<tr>
<td>HERONS &amp; BITTERNS</td>
<td>American Bittern</td>
<td>1 Jan - 31 Mar</td>
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<td>Least Bittern</td>
<td>15 Nov - 31 Dec</td>
</tr>
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<td></td>
<td>Great Blue Heron</td>
<td>1 Jan - 10 May</td>
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<tr>
<td></td>
<td>Great Egret</td>
<td>16 Oct - 31 Dec</td>
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<td>Snowy Egret</td>
<td>1 Jan - 25 Mar</td>
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<td></td>
<td>Little Blue Heron</td>
<td>1 Dec - 31 Dec</td>
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<tr>
<td></td>
<td>Tricolored Heron</td>
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<tr>
<td></td>
<td>Cattle Egret</td>
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<tr>
<td></td>
<td>Green Heron</td>
<td>All Year</td>
</tr>
<tr>
<td></td>
<td>Black-crowned Night-Heron</td>
<td>20 Feb - 27 Mar</td>
</tr>
<tr>
<td></td>
<td>Yellow-crowned Night-Heron</td>
<td>All Year</td>
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<tr>
<td>IBISES</td>
<td>White Ibis</td>
<td>All Year</td>
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<tr>
<td></td>
<td>Glossy Ibis</td>
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<tr>
<td></td>
<td>White-faced Ibis</td>
<td>All Year</td>
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</table>
NEW WORLD VULTURES
Black Vulture 1 Jan - 5 Mar.................................15 May - Dec 31
Turkey Vulture None.......................................................... 

OSPREY
Osprey 1 Jan - 26 Mar.................................1 Dec - 31 Dec

HAWKS, KITES & EAGLES
Swallow-tailed Kite ---------------------------------All Year---------------------------------
Golden Eagle 1 Jan - 28 Feb....15 May - 14 Sep....29 Dec - 31 Dec
Northern Harrier None..........................................................
Sharp-shinned Hawk None..........................................................
Cooper's Hawk None..........................................................
Northern Goshawk ........................................12 May - 30 Aug.
Bald Eagle None..........................................................
Mississippi Kite ---------------------------------All Year---------------------------------
Red-shouldered Hawk None..........................................................
Broad-winged Hawk Jan 1 - 5 Apr.................................1 Nov - 31 Dec
Swainson's Hawk ---------------------------------All Year---------------------------------
Red-tailed Hawk None..........................................................
Rough-legged Hawk .........................................8 Jun - 12 Sep.
Ferruginous Hawk ---------------------------------All Year---------------------------------

BARN OWLS
Barn Owl ---------------------------------All Year---------------------------------

TYPICAL OWLS
Eastern Screech-Owl None..........................................................
Great Horned Owl None..........................................................
Snowy Owl ........................................14 May - 12 Oct
Northern Hawk Owl ---------------------------------All Year---------------------------------
Burrowing Owl ---------------------------------All Year---------------------------------
Barred Owl None..........................................................
Great Gray Owl ---------------------------------All Year---------------------------------
Long-eared Owl None..........................................................
Short-eared Owl .........................................4 May - 10 Sep
Boreal Owl ---------------------------------All Year---------------------------------
Northern Saw-whet Owl ..................................26 Apr - 28 Sep

KINGFISHERS
Belted Kingfisher None..........................................................
WOODPECKERS

Red-headed Woodpecker  None..............................................................
Red-bellied Woodpecker  None..............................................................
Yellow-bellied Sapsucker None..............................................................
Downy Woodpecker       None..............................................................
Hairy Woodpecker        None..............................................................
American Three-toed Woodpecker  -----------------------All Year------------------------
Black-backed Woodpecker  -----------------------All Year------------------------
Northern Flicker         None..............................................................
Pileated Woodpecker      None..............................................................

FALCONS

American Kestrel        None..............................................................
Merlin                 None..............................................................
Gyrfalcon              -----------------------All Year------------------------
Peregrine Falcon        None..............................................................
Prairie Falcon          -----------------------All Year------------------------

TYRANT FLYCATCHERS

Great Crested Flycatcher 1 Jan - 26 Apr.................................14 Oct - 31 Dec
Sulphur-bellied Flycatcher -----------------------All Year------------------------
Western Kingbird         -----------------------All Year------------------------
Eastern Kingbird         1 Jan - 27 Apr........................................19 Oct - 31 Dec
Scissor-tailed Flycatcher -----------------------All Year------------------------
Fork-tailed Flycatcher   -----------------------All Year------------------------
Olive-sided Flycatcher   1 Jan - 9 May......16 Jun - 2 Aug......26 Sep - 31 Dec
Eastern Wood-Pewee      1 Jan - 3 May...............................15 Oct - 31 Dec
Yellow-bellied Flycatcher 1 Jan - 9 May......13 Jun - 26 Jul......11 Oct - 31 Dec
Acadian Flycatcher      1 Jan - 17 May..................................25 Aug - 31 Dec
Alder Flycatcher        1 Jan - 15 May............................20 Sep - 31 Dec
Willow Flycatcher       1 Jan - 12 May............................10 Sep - 31 Dec
Least Flycatcher        1 Jan - 23 Apr............................19 Oct - 31 Dec
Gray Flycatcher         -----------------------All Year------------------------
Eastern Phoebe          5 Jan - 14 Mar........................................

SHRIKES

Loggerhead Shrike       -----------------------All Year------------------------
Northern Shrike         ..............................23 Apr - 1 Oct..................
### VIREOS

<table>
<thead>
<tr>
<th>Species</th>
<th>Calendar Periods</th>
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<tbody>
<tr>
<td>White-eyed Vireo</td>
<td>1 Jan - 28 Apr. 6 Jun - 17 Sep.</td>
</tr>
<tr>
<td>Bell's Vireo</td>
<td>All Year</td>
</tr>
<tr>
<td>Yellow-throated Vireo</td>
<td>1 Jan - 29 Apr. 8 Oct - 31 Dec</td>
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<td>Blue-headed Vireo</td>
<td>1 Jan - 18 Apr. 24 Nov - 31 Dec</td>
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<tr>
<td>Philadelphia Vireo</td>
<td>1 Jan - 6 May. 3 Jun - 10 Aug.</td>
</tr>
<tr>
<td>Warbling Vireo</td>
<td>1 Jan - 27 Apr. 12 Oct - 31 Dec</td>
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<td>Red-eyed Vireo</td>
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### CROWS & JAYS

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<td>Canada Jay</td>
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</tr>
<tr>
<td>Blue Jay</td>
<td>None</td>
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<tr>
<td>American Crow</td>
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<tr>
<td>Fish Crow</td>
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</tr>
<tr>
<td>Common Raven</td>
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### LARKS

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<td>Horned Lark</td>
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### SWALLOWS

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<tr>
<td>Purple Martin</td>
<td>1 Jan - 30 Mar. 9 Oct - 31 Dec</td>
</tr>
<tr>
<td>Tree Swallow</td>
<td>1 Jan - 11 Mar. 3 Dec - 31 Dec</td>
</tr>
<tr>
<td>Northern Rough-winged Swallow</td>
<td>1 Jan - 4 Apr. 14 Nov - 31 Dec</td>
</tr>
<tr>
<td>Bank Swallow</td>
<td>1 Jan - 3 Apr. 17 Oct - 31 Dec</td>
</tr>
<tr>
<td>Cliff Swallow</td>
<td>1 Jan - 5 Apr. 20 Oct - 31 Dec</td>
</tr>
<tr>
<td>Cave Swallow</td>
<td>All Year</td>
</tr>
<tr>
<td>Barn Swallow</td>
<td>1 Jan - 29 Mar. 9 Nov - 31 Dec</td>
</tr>
</tbody>
</table>

### CHICKADEES & TITMICE

<table>
<thead>
<tr>
<th>Species</th>
<th>Calendar Periods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black-capped Chickadee</td>
<td>None</td>
</tr>
<tr>
<td>Boreal Chickadee</td>
<td>All Year</td>
</tr>
<tr>
<td>Tufted Titmouse</td>
<td>None</td>
</tr>
</tbody>
</table>

### NUTHATCHES

<table>
<thead>
<tr>
<th>Species</th>
<th>Calendar Periods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red-breasted Nuthatch</td>
<td>None</td>
</tr>
<tr>
<td>White-breasted Nuthatch</td>
<td>None</td>
</tr>
</tbody>
</table>

### CREEPERS

<table>
<thead>
<tr>
<th>Species</th>
<th>Calendar Periods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown Creeper</td>
<td>None</td>
</tr>
</tbody>
</table>
WRENS
House Wren 1 Jan - 2 Apr.................................10 Nov - 31 Dec
Winter Wren None..............................................................................
Sedge Wren 1 Jan - 28 Apr.................................14 Oct - 31 Dec
Marsh Wren 1 Jan - 27 Apr..............................................................
Carolina Wren None..............................................................................
Bewick's Wren ----------------------All Year--------------------------

GNATCATCHERS
Blue-gray Gnatcatcher 1 Jan - 12 Apr.................................1 Dec - 31 Dec

KINGLETS
Golden-crowned Kinglet None..............................................................................
Ruby-crowned Kinglet 15 Jan - 31 Mar.....30 May - 28 Aug......................

OLD WORLD FLYCATCHERS
Siberian Rubythroat ----------------------All Year--------------------------

THRUSHES
Eastern Bluebird None..............................................................................
Mountain Bluebird ----------------------All Year--------------------------
Townsend's Solitaire ----------------------All Year--------------------------
Veery 1 Jan - 26 Apr.................................15 Oct - 31 Dec
Gray-cheeked Thrush 1 Jan - 3 May.....10 Jun - 15 Aug.....2 Nov - 31 Dec
Swainson's Thrush 1 Jan - 23 Apr.....15 Jun - 17 Jul.....12 Nov - 31 Dec
Hermit Thrush 26 May - 19 Aug......................
Wood Thrush 1 Jan - 21 Apr.................................30 Oct - 31 Dec
American Robin None..............................................................................
Varied Thrush ----------------------All Year--------------------------

MOCKINGBIRDS & THRASHERS
Gray Catbird None..............................................................................
Brown Thrasher 1 Jan - 4 Apr.................................1 Dec - 31 Dec
Northern Mockingbird None..............................................................................

STARLINGS
European Starling None..............................................................................

WAXWINGS
Bohemian Waxwing 2 Apr - 22 Oct.................................
Cedar Waxwing None..............................................................................
OLD WORLD SPARROWS

House Sparrow

PIPITS

American Pipit

FINCHES

Pine Grosbeak
None.................................................................
House Finch
Purple Finch
None.................................................................
Red Crossbill
None.................................................................
White-winged Crossbill
Common Redpoll
None.................................................................
Hoary Redpoll
None.................................................................
Pine Siskin
None.................................................................
American Goldfinch
None.................................................................
Evening Grosbeak
None.................................................................

NEW WORLD SPARROWS

Spotted Towhee
None.................................................................
Eastern Towhee
American Tree Sparrow
None.................................................................
Chipping Sparrow
None.................................................................
Clay-colored Sparrow
1 Jan - 2 May.................................................8 Oct - 31 Dec
Field Sparrow
None.................................................................
Vesper Sparrow
1 Jan - 18 Mar.................................................1 Dec - 31 Dec
Lark Sparrow
All Year------------------------------------------
Lark Bunting
All Year------------------------------------------
Savannah Sparrow
1 Jan - 21 Mar.................................................1 Dec - 31 Dec
Grasshopper Sparrow
1 Jan - 19 Apr.................................................17 Oct - 31 Dec
Henslow’s Sparrow
All Year------------------------------------------
Le Conte’s Sparrow
All Year------------------------------------------
Nelson’s Sparrow
1 Jan - 20 Sep.................................................2 Nov - 31 Dec
Fox Sparrow
11 May - 24 Sep.................................................
Song Sparrow
None.................................................................
Lincoln’s Sparrow
1 Jan - 26 Apr......1 Jun - 26 Aug...12 Nov - 31 Dec
Swamp Sparrow
None.................................................................

DOCUMENTATION REQUIRED:
White-throated Sparrow
Harris's Sparrow
White-crowned Sparrow
Golden-crowned Sparrow
Dark-eyed Junco

YELLOW-BREASTED CHAT
Yellow-breasted Chat

NEW WORLD BLACKBIRDS
Yellow-headed Blackbird
Bobolink
Eastern Meadowlark
Western Meadowlark
Orchard Oriole
Baltimore Oriole
Brewer's Blackbird
Common Grackle
Red-winged Blackbird
Brown-headed Cowbird
Rusty Blackbird

NEW WORLD WARBLERS
Ovenbird
Worm-eating Warbler
Louisiana Waterthrush
Northern Waterthrush
Golden-winged Warbler
Blue-winged Warbler
Black-and-white Warbler
Prothonotary Warbler
Tennessee Warbler
Orange-crowned Warbler
Nashville Warbler
Connecticut Warbler
Mourning Warbler
Kentucky Warbler
Common Yellowthroat
Hooded Warbler
American Redstart
Kirtland's Warbler

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Harris's Sparrow
White-crowned Sparrow
Golden-crowned Sparrow
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Tennessee Warbler
Orange-crowned Warbler
Nashville Warbler
Connecticut Warbler
Mourning Warbler
Kentucky Warbler
Common Yellowthroat
Hooded Warbler
American Redstart
Kirtland's Warbler

Documentation Required:
Cape May Warbler
Cerulean Warbler
Northern Parula
Magnolia Warbler
Bay-breasted Warbler
Blackburnian Warbler
Yellow Warbler
Chestnut-sided Warbler
Blackpoll Warbler
Black-throated Blue Warbler
Palm Warbler
Pine Warbler
Yellow-rumped Warbler
Yellow-throated Warbler
Prairie Warbler
Black-throated Gray Warbler
Black-throated Green Warbler
Canada Warbler
Wilson’s Warbler

CARDINALS & ALLIES
Summer Tanager
Western Tanager
Scarlet Tanager
Northern Cardinal
Rose-breasted Grosbeak
Black-headed Grosbeak
Blue Grosbeak
Lazuli Bunting
Indigo Bunting
Painted Bunting
Dickcissel

Notes:
Map of the Hamilton Study Area, a circle of 40.2 km (25 mile) centred at Dundurn Castle, Hamilton. A detailed map can be seen on-line at — https://drive.google.com/open?id=12d_Wlj6MdIWLbvxJoYy0YtcMjeiU&usp=sharing