

~~Field Collection~~
Bibhiy #17352

Birds of Northeastern Isle Royale National Park 1981-1994

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The following account is based on records that we have maintained for bird sightings at Isle Royale from 1981 through 1994. We kept a daily list in which we recorded the numbers of individuals of each species seen or heard during the previous 24-hour period. Our coverage encompassed the northeastern end of the island, including the northeastern archipelago of small islands between Tobin's Harbor and Blake's Point, Rock Harbor, Tobin's Harbor, and the mainland of Isle Royale southwest to Mount Ojibway. The majority of our time was spent in the vicinity of Edwards and North Government islands. The duration of coverage varied among years: during some years we were in the field from early May through mid-August; in others, we were present only during the month of June. The following table illustrates that our coverage was most complete from late May through mid-July, for which period we have at least 10 years' data.

Date	May 10-16	May 17-23	May 24-30	May 31-6	June 7-13	June 14-20	June 21-27	June 28-4	July 5-11	July 12-18	July 19-25	July 26-1	Aug 2-8	Aug 9-15	Aug 16-
Years	4	8	10	11	13	12	12	11	10	10	9	7	7	3	2
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We prepared accounts of occurrence and abundance for all species after performing two kinds of analyses. First, we characterized patterns of seasonal occurrence for each species by calculating the average number of individuals seen per day, over weekly intervals from May to August. These results form the basis for designating particular species as spring migrants, summer residents, or late summer migrants. Second, we checked for long-term changes in population numbers by determining whether there were trends in the average number seen per day, calculated for a particular time of year (1-30 June for summer residents, 10 May-10 June for spring migrants). We used linear regression to test for increasing or decreasing numbers through time.

The person witnessing each sighting is indicated by initials following the species account (DCS=David Smith, JVB=Josh Van Buskirk).

Nomenclature and sequence follow the 1983 AOU Checklist.

Our records include a total of 194 species, of which 21 (preceded by a star ★ in the list) do not appear in Shelton's 1982 pamphlet on the Vertebrates of Isle Royale. We have confirmed breeding for those species followed by an asterisk (*).

Species Accounts

Common Loon *Gavia immer* *

Common summer resident. Confirmed nesting during most years.

Horned Grebe *Podiceps auritus*

Uncommon spring migrant. Four records between 19 May and 16 June.

Red-necked Grebe *Podiceps grisegena*

Fairly common migrant in spring and late summer. We average about one sighting every ten days between 10-30 May, five sightings in late summer between 15 July and 18 August.

American White Pelican *Pelicanus erythrorhynchos*

One record: 15 birds flew past Edwards Island, 2 June 1986 (DCS and Richard Edwards).

Double-crested Cormorant *Phalacrocorax auritus*

Abundant summer resident. Our records show a significant increase in numbers during our study. We have two records of Double-crested Cormorants showing distinct white flank patches – possible Double-crested Cormorant X Great Cormorant hybrids?

American Bittern *Botaurus lentiginosus*

Apparently an uncommon spring migrant. Five records: single birds at Hidden Lake, 14 May 1986 and 8 and 10 June 1986 (DCS); two birds at Hidden Lake, 8 June 1987 (DCS, JVB); one bird in an Hidden Lake, 31 May 1990 (DCS).

Great Blue Heron *Ardea herodias* *

Common summer resident. Confirmed breeding in 1983 (South Government Island) and 1987 (Lion Island).

Tundra Swan *Cygnus columbianus*

One record: four birds near Edwards Island, 13 May 1986 (DCS).

★ **White-fronted Goose** *Anser albifrons*

One record: two birds near Edwards Island, 26 May 1986 (Richard Edwards).

Snow Goose *Chen caerulescens*

One record: one blue phase bird at Edwards Island, 29 May 1988 (DCS).

Canada Goose *Branta canadensis*

Common migrant and occasional summer resident, peaking in the first week of June. Significant increase in numbers during the study period.

Wood Duck *Aix sponsa*

Uncommon migrant and possible summer resident. We see relatively few except on trips into inland waters, and numbers decreased during our study.

Green-winged Teal *Anas crecca*

Uncommon summer resident. Six records from early May through mid-July.

American Black Duck *Anas rubripes* *

Common summer resident. Confirmed breeding in every year.

Mallard *Anas platyrhynchos*

Uncommon migrant and summer resident.

Blue-winged Teal *Anas discors*

Uncommon migrant and possible summer resident.

Northern Shoveler *Anas clypeata*

One record: One male flew by North Government Island, 20 June 1994 (DCS, JVB).

Gadwall *Anas strepera*

One record: one female at North Government Island, 31 July 1988 (JVB).

American Wigeon *Anas americana*

One record: two birds at Porter's Island, 7-8 July 1983 (JVB).

Ring-necked Duck *Aythya collaris*

One record: one bird at Tobin's Harbor, 10 June 1992 (JVB).

Lesser Scaup *Aythya affinis*

One record: one bird at Edwards Island, 18 June 1984 (DCS, JVB).

Oldsquaw *Clangula hyemalis*

Common early spring migrant. All records in May.

Black Scoter *Melanitta nigra*

One record: one bird at Edwards Island, 9 June 1993 (Richard Edwards).

Surf Scoter *Melanitta perspicillata*

One record: two birds (male and female) at Edwards Island, 17 May 1986 (DCS).

White-winged Scoter *Melanitta fusca*

Common early spring migrant. All records in May.

Common Goldeneye *Bucephala clangula* *

Common summer resident. Confirmed breeding in every year.

Bufflehead *Bucephala albeola*

Uncommon spring migrant. Five records during May, one record in June.

Hooded Merganser *Lophodytes cucullatus* *

Uncommon summer resident on inland ponds, but numbers increased significantly during our study. Confirmed breeding in 1987 and 1994.

Common Merganser *Mergus merganser* *

Common summer resident, with significantly increasing numbers during our study. Confirmed breeding in nearly every year.

Red-breasted Merganser *Mergus serrator* *

Common summer resident. The most common breeding duck on the outer islands, and numbers have increased over the years. Confirmed breeding in every year.

Turkey Vulture *Cathartes aura*

Three records: one bird at Scoville Point, 13 June 1982 (DCS); one at Edwards Island, 1 June 1991 (JVB); one over Merritt Lane, 6 June 1991 (DCS)

Osprey *Pandion halieetus*

Uncommon spring migrant and possible summer resident.

★ **Mississippi Kite** *Ictinia mississippiensis*

One record: one bird flew past Edwards Island, 11 June 1991 (DCS,JVB).

Bald Eagle *Haliaeetus leucocephalus*

Uncommon summer resident. Our records show a significant increase in numbers seen through time.

Northern Harrier *Circus cyaneus*

Two records: one bird at Edwards Island, 31 May 1984 (DCS); one bird near Edwards Island, 23 May 1988 (DCS).

Sharp-shinned Hawk *Accipiter striatus* *

Fairly common spring migrant and uncommon summer resident on the main island. Confirmed breeding near Hidden Lake in 1988.

Cooper's Hawk *Accipiter cooperii*

One record: one bird at Edwards Island, 27 May 1990.

Broad-winged Hawk *Buteo platypterus*

Fairly common spring migrant, and uncommon summer resident on the main island.

Red-tailed Hawk *Buteo jamaicensis*

Four records: one on Mount Franklin, 29 May 1987 (DCS); one on Mt. Franklin, 21 May 1989 (DCS); one on Mt. Franklin, 20 May 1990 (JVB,DCS); one near Lookout Louise, 21 June 1994 (DCS and Richard Edwards).

Rough-legged Hawk *Buteo lagopus*

Two records: two birds in Tobin's Harbor, 31 May 1983 (DCS,JVB); one bird at Edwards Island, 13 May 1991 (DCS).

American Kestrel *Falco sparverius* *

Common summer resident, especially on the main island. Confirmed breeding near Lookout Louise in 1983.

Merlin *Falco columbarius* *

Common summer resident. Confirmed breeding in every year except 1994.

Peregrine Falcon *Falco peregrinus*

Rare spring migrant. Four records, all during May: one bird at Edwards Island, 28 May 1983 (DCS,JVB); probably two birds at Edwards Island, 21 May 1987 (DCS); one at Split Island, 23 May 1987 (DCS); one at Edwards Island, 14 May 1988 (DCS).

Black-bellied Plover *Pluvialis squatarola*

Rare spring migrant. Three records: one bird at Edwards Island, 13 August 1983 (DCS); two birds at Edwards Island, 26 May 1987 (DCS); one bird near North Government Island, 16 June 1992 (JVB).

Lesser Golden Plover *Pluvialis dominica*

Rare migrant. Three records: two birds at Edwards Island, 4 and 5 June 1987 (DCS); one on Split Island, 5 July 1988 (DCS,JVB); one at North Government Island, 30 July 1988 (DCS,JVB).

Semipalmated Plover *Charadrius semipalmatus*

Uncommon but regular spring and late summer migrant. All of our 12 records are for North Government Island.

Killdeer *Charadrius vociferus*

Fairly common spring and late summer migrant.

Greater Yellowlegs *Tringa melanoleuca*

Uncommon spring and late summer migrant. We have a total of 8 records scattered from May to August.

Lesser Yellowlegs *Tringa flavipes*

Fairly common spring and late summer migrant.

Solitary Sandpiper *Tringa solitaria*

Uncommon early-spring and late summer migrant.

Spotted Sandpiper *Actitis hypoleucos*

Common spring and late summer migrant. Apparently does not breed in our area of the Park.

Whimbrel *Numenius phaeopus*

Common spring migrant during late May and early June. One late summer record.

★ **Hudsonian Godwit** *Limosa haemastica*

One record: One bird at North Government Island, 20 May 1987 (DCS).

★ **Ruddy Turnstone** *Arenaria interpres*

Uncommon but regular spring migrant during late May and early June. One late-summer record.

Sanderling *Calidris alba*

Two records: two birds near North Government Island, 14 July 1990 (JVB,DCS); five birds 400 m offshore Five Finger Bay on 2 June 1993 (DCS).

Semipalmated Sandpiper *Calidris pusilla*

Fairly common late summer migrant (17 records); less common in the spring (2 records).

Least Sandpiper *Calidris minutilla*

Common late summer migrant; one spring record.

★ **White-rumped Sandpiper** *Calidris fuscicollis*

One record: one bird at North Government Island, 4 June 1993 (DCS,JVB).

★ **Baird's Sandpiper** *Calidris bairdii*

Uncommon spring migrant, and more common late summer migrant.

Pectoral Sandpiper *Calidris melanotos*

One record: one bird at North Government Island, 10 June 1994 (DCS,JVB).

★ **Dunlin** *Calidris alpina*

One record: one bird at North Government Island, 6 June 1991 (JVB,DCS).

★ **Short-billed Dowitcher** *Limnodromus griseus*

Uncommon late summer migrant.

★ **Long-billed Dowitcher** *Limnodromus scolopaceus*

Two records: two birds near Edwards Island, 13 May 1991 (DCS); one at North Government Island, 12 July 1993 (DCS).

Common Snipe *Gallinago gallinago*

Uncommon summer resident at inland wetlands. Winnowing courtship flights at Hidden Lake probably indicate breeding.

American Woodcock *Scolopax minor* *

Uncommon summer resident. Confirmed breeding (nest discovered) in 1988 on Porter's Island.

★ **Long-tailed Jaeger** *Stercorarius longicaudus*

One record: one bird at Blake's Point, 3 June 1989 (DCS,JVB).

Bonaparte's Gull *Larus philadelphia*

Two records: one bird at Edwards Island, 20 June 1982 (DCS); three birds at North Government Island, 6 August 1983 (DCS,JVB).

Ring-billed Gull *Larus delawarensis*

Common summer resident, with significant increase in numbers through the years. Does not not breed nearby.

Herring Gull *Larus argentatus* *

Abundant summer resident. Breeding confirmed in every year on Flag Island and Lion Island.

★ **Iceland Gull** *Larus glaucooides*

One record: one bird seen at Blake's Point, early spring 1985 (DCS).

★ **Glaucous Gull** *Larus hyperboreus*

Two records: one bird 1 mile S of Rock Harbor on 20 May 1983 (DCS, JVB); also one probable sighting at Porter's Island, 24 May 1988 (DCS).

★ **Black-legged Kittiwake** *Rissa tridactyla*

One possible record: one juvenile well seen near Scoville Point, 26 July 1986 (DCS). We did not record field notes on this bird, but it was apparently not a Bonaparte's Gull. Kittiwakes are known to wander throughout the Great Lakes from late summer through the winter.

Caspian Tern *Sterna caspia*

Uncommon but regular summer visitant, with ten records scattered over 13 years.

Rock Dove *Columba livia*

One record: three carrier pigeons on Edwards Island, 16 June 1991 (DCS).

Mourning Dove *Zenaida macroura*

One record: one bird seen repeatedly at Edwards Island, 27 May-1 June 1989 (DCS).

Black-billed Cuckoo *Coccyzus erythrophthalmus*

Rare summer visitor; eight records from 5 June to 14 July. Few sightings in recent years.

Great Horned Owl *Bubo virginianus*

Uncommon resident.

Barred Owl *Strix varia*

Two records: one bird on Edwards Island, 9 June 1984 and 18 June 1984 (DCS,JVB); one at Edwards Island, 3 August 1988 (JVB,DCS).

Long-eared Owl *Asio otus*

Three records: one bird at North Government Island, 25 July 1986 (DCS); one at North Government, 17 July 1988 (DCS); one at North Government, 11 July 1994 (JVB,DCS).

Boreal Owl *Aegolius funereus*

One record: one bird calling at North Government Island, 31 May 1989 (DCS).

Northern Saw-whet Owl *Aegolius acadicus* *

Four records: one bird at Edwards Island, 29 June 1981 (DCS); juvenile on Edwards Island, 23 July 1987 (DCS,JVB); one heard on North Government Island, 23 May 1990 (Beth Walker); feather found on Porter's Island, 15 June 1991 (Dorsey McQuaig). Confirmed breeding in 1987.

Common Nighthawk *Chordeiles minor*

Fairly common spring migrant; rare summer resident. Most records in late May and early June.

Whip-poor-will *Caprimulgus vociferus*

Uncommon spring migrant; possible summer resident. Twelve records scattered over 13 years.

Chimney Swift *Chaetura pelagica*

Uncommon spring migrant. All but one record are from mid-May and early June. Significant decrease during the course of our study.

Ruby-throated Hummingbird *Archilochus colubris*

Uncommon spring migrant and summer resident.

Belted Kingfisher *Ceryle alcyon*

Uncommon spring migrant; less common summer resident on the main island.

Red-headed Woodpecker *Melanerpes erythrocephalus*

One record: one bird at Rock Harbor, 28 May 1987 (DCS).

Yellow-bellied Sapsucker *Sphyrapicus varius*

Uncommon spring migrant. Five records between 20 May and 12 June.

Downy Woodpecker *Picoides pubescens* *

Fairly common summer resident, with numbers increasing during our study. Confirmed breeding in 1992.

Hairy Woodpecker *Picoides villosus* *

Fairly common summer resident. Confirmed breeding in 1994.

Three-toed Woodpecker *Picodes tridactylus*

One record: one bird at Edwards Island, 3 June 1983 (JVB, DCS, Joan Edwards).

Black-backed Woodpecker *Picodes arcticus*

One record: one bird near Lookout Louise, 2 June 1983 (JVB).

Northern Flicker *Colaptes auratus* *

Common summer resident on the main island. Confirmed nesting in 1987.

Pileated Woodpecker *Dryocopus pileatus*

Common summer resident on the main island.

Olive-sided Flycatcher *Contopus borealis*

Uncommon summer resident on the main island.

★ **Western Wood-Pewee** *Contopus sordidulus*

One record: singing male at Edwards Island, 26 June 1991 (JVB,DCS).

Eastern Wood-Pewee *Contopus virens*

Uncommon spring migrant; possible summer resident on the main island.

Yellow-bellied Flycatcher *Empidonax flaviventris*

Common spring migrant; uncommon summer resident.

Alder Flycatcher *Empidonax alnorum*

Fairly common spring migrant; fairly common summer resident on the main island.

Least Flycatcher *Empidonax minimus*

Common spring migrant; uncommon summer resident on the main island.

Eastern Phoebe *Sayornis phoebe*

One record: two birds at Edwards Island, 27 May 1983 (JVB,DCS).

Great Crested Flycatcher *Myiarchus crinitus*

Apparently a rare migrant. Four records: one bird at Edwards Island, 12 June 1983 (JVB); one at Duncan's Bay, 15 June 1983 (JVB,DCS); one near Mount Franklin, 14 June 1984 (JVB,DCS); one at Edwards Island, 19 June 1984 (JVB,DCS). No records in recent years.

★ **Western Kingbird** *Tyrannus verticalis*

Two records: one bird at Blake's Point, early spring 1985 (DCS); one at North Government Island, 22 May 1991 (DCS).

Eastern Kingbird *Tyrannus tyrannus*

Uncommon summer resident.

Horned Lark *Eremophila alpestris*

One record: one bird at North Government Island, 4-7 June 1994 (DCS,JVB).

Tree Swallow *Techycineta bicolor* *

Common summer resident. Significant decrease in numbers through time.

★ **Northern Rough-winged Swallow** *Stelgidopteryx serripennis*

One record: one bird at North Government Island, 25 May 1989 (DCS).

Cliff Swallow *Hirundo pryhonota*

One record: ten birds at North Government Island, 9 August 1988 (JVB).

Barn Swallow *Hirundo rustica* *

Fairly common summer resident. Confirmed breeding on Savage Island in 1981 and 1983.

Gray Jay *Perisoreus canadensis* *

Common summer resident. Confirmed breeding nearly every year. Increasing numbers during our study.

Blue Jay *Cyanocitta cristata*

Common summer resident on the main island. Significant increase in numbers through time.

American Crow *Corvus brachyrhynchos* *

Common summer resident. Confirmed breeding in nearly every year.

Common Raven *Corvus corax* *

Common summer resident. Confirmed breeding in 1993.

Black-capped Chickadee *Parus atricapillus* *

Common summer resident, but less common on the outer islands during recent years. Confirmed breeding in 1992 and 1994.

Boreal Chickadee *Parus hudsonia*

Rare summer resident. Five records in two different years: up to three birds at Hidden Lake, June, July, and August 1983 (JVB); and one bird at Hidden Lake, 11 July 1988 (JVB).

Red-breasted Nuthatch *Sitta canadensis*

Common summer resident.

Brown Creeper *Certhia americana*

Fairly common spring migrant; uncommon summer resident on the main island.

Winter Wren *Troglodytes troglodytes* *

Common summer resident. Confirmed breeding in 1983, 1987, 1988, and 1994.

Sedge Wren *Cistothorus platensis*

One record: one bird at North Government Island, 23 May 1989 (DCS).

Marsh Wren *Cistothorus palustris*

Two records: one bird at Edwards Island, 21 May 1983 (DCS,JVB); one on North Government Island, 4 June 1984 (DCS,JVB).

Golden-crowned Kinglet *Regulus satrapa* *

Common summer resident. Confirmed breeding in 1987.

Ruby-crowned Kinglet *Regulus calendula*

Common early spring migrant; uncommon summer resident on the main island.

Eastern Bluebird *Sialia sialis*

Rare spring migrant. Three records: one bird at North Government Island, 1 June 1983 (DCS,JVB); three in Duncan's Harbor, 27 May 1990 (JVB); one on Blake's Point, 22 May 1991 (DCS,JVB).

Veery *Catharus fuscescens*

One record: one bird at Edwards Island, 20 May 1989 (DCS).

Gray-cheeked Thrush *Catharus minimus*

Uncommon spring migrant. Ten records from 21 May to 6 June; one other record on 24 June 1989.

Swainson's Thrush *Catharus ustulatus* *

Common summer resident. Confirmed breeding in 1988.

Hermit Thrush *Catharus guttatus* *

Fairly common summer resident on the main island. Numbers have increased through time. Confirmed breeding at Lake Patterson in 1988.

Wood Thrush *Hylocichla mustelina*

Two records: one bird at Edwards Island, 1 June 1982 (Richard Edwards); one at Edwards Island 9 June 1990 (DCS);

American Robin *Turdus migratorius*

Fairly common summer resident on the main island.

Gray Catbird *Dumetella carolinensis*

Uncommon spring migrant. Four records: one bird at Edwards Island, 24-26 May 1981 (DCS); one at Edwards Island, 1 June 1984 (DCS,JVB); one at Edwards Island, 31 May-2 June 1988 (DCS); one at Edwards Island, 4-7 June 1993 (DCS,JVB).

Northern Mockingbird *Mimus polyglottos*

Two records: one bird on Edwards Island, 13 May 1988 (DCS); one on Split Island, 28 May 1990 (JVB,DCS).

Brown Thrasher *Toxostoma rufum*

One record: dead bird at Passage Island, 6 June 1991 (JVB,DCS).

Water Pipit *Anthus spinoletta*

Fairly common early spring migrant. All records in May.

Cedar Waxwing *Bombycilla cedrorum*

Common summer resident.

★ Loggerhead Shrike *Lanius ludovicianus*

One record: one bird on Edwards Island, 26 May 1991 (DCS,JVB).

Starling *Sturnus vulgaris*

One record: one bird at Third Island, 19 May 1989 (DCS).

★ White-eyed Vireo *Vireo griseus*

One record: Singing male at Edwards Island, 30 May 1994 (JVB).

Solitary Vireo *Vireo solitarius*

Uncommon migrant. Four spring records for Edwards Island between 20-29 May, one at Hidden Lake, 6 August 1983 (JVB).

Philadelphia Vireo *Vireo philadelphicus*

Regular, fairly common spring migrant and possible summer resident. During late May and early June we average about one sighting every 5-10 days.

Red-eyed Vireo *Vireo olivaceus*

Fairly common spring migrant; fairly common summer resident on the main island. Numbers peak in late May and early June.

Tennessee Warbler *Vermivora peregrina* *

Uncommon spring migrant and irregularly common summer resident. Confirmed breeding on Edwards Island in 1987 and 1988.

Orange-crowned Warbler *Vermivora celata*

Two records: one bird on Edwards Island, 21 May 1983 (JVB,DCS); one on Edwards Island, 27 May 1987 (DCS).

Nashville Warbler *Vermivora ruficapilla* *

Abundant migrant and summer resident. Confirmed breeding in 1987 and 1988.

Northern Parula *Parula americana*

Uncommon migrant and possible summer resident. Three records in late June and early July may indicate breeding.

Yellow Warbler *Dendroica petechia*

Uncommon spring migrant, but numbers have increased significantly during our study.

Chestnut-sided Warbler *Dendroica pensylvanica*

Common spring migrant; common summer resident on the main island.

Magnolia Warbler *Dendroica magnolia* *

Common migrant and summer resident. Confirmed breeding in 1987.

Cape May Warbler *Dendroica tigrina*

Common spring and fall migrant, and occasionally common summer resident. Our data show a significant increase in breeding numbers through time, but no change in the number of spring migrants.

Black-throated Blue Warbler *Dendroica caerulescens*

Fairly common spring migrant; uncommon summer resident on the main island.

Yellow-rumped Warbler *Dendroica coronata* *

Common summer resident. This is the most common breeding warbler on the outer islands. Confirmed breeding in 1983, 1987, 1988, 1993, and 1994.

Black-throated Green Warbler *Dendroica virens*

Fairly common spring migrant; fairly common summer resident on the main island.

Blackburnian Warbler *Dendroica fusca*

Fairly common spring migrant; fairly common summer resident on the main island.

★ **Kirtland's Warbler** *Dendroica kirtlandii*

One record: singing male 1 km east of Mount Franklin, 14 June 1984 (JVB,DCS).

Palm Warbler *Dendroica palmarum*

Common early spring migrant. Most records in early or mid-May.

Bay-breasted Warbler *Dendroica castanea*

Fairly common spring and late summer migrant; possible summer resident. Numbers of spring migrants have declined significantly during our study.

Blackpoll Warbler *Dendroica striata*

Uncommon spring migrant and summer visitant. Seven records between 21 May and 6 June, and one record on Edwards Island, 9 July 1983 (JVB).

★ **Cerulean Warbler** *Dendroica cerulea*

One record: male seen at close range, 30 June 1982, Edwards Island (DCS).

Black-and-white Warbler *Mniotilta varia*

Common spring migrant and possible summer resident.

American Redstart *Setophaga ruticilla*

Common summer resident.

Ovenbird *Seiurus aurocapillus* *

Common summer resident on the main island. Confirmed breeding in 1988.

Northern Waterthrush *Seiurus noveboracensis*

Uncommon migrant in spring and late summer, and numbers have decreased through time.

Connecticut Warbler *Oporornis agilis*

One record: singing male at Edwards Island, 1 July 1990 (DCS).

Mourning Warbler *Oporornis formosus*

Uncommon spring migrant; uncommon summer resident on the main island.

Common Yellowthroat *Geothlypis trichas*

Common spring migrant. Some evidence of decreasing numbers in recent years. Two late June and early July records suggest summer residency.

Wilson's Warbler *Wilsonia pusilla*

Fairly common spring migrant, during late May and early June.

Canada Warbler *Wilsonia canadensis*

Common spring migrant; probably uncommon summer resident on the main island. All of our records are in May and June.

Scarlet Tanager *Piranga olivacea*

Uncommon spring migrant on the main island; five records in May and early June; no mid-summer records.

Rose-breasted Grosbeak *Pheucticus ludovicianus*

Uncommon summer resident on the main island; six records over 13 years.

Indigo Bunting *Passerina cyanea*

Rare summer resident on the main island. Two records: one bird near Mount Franklin, 30 May 1981 (DCS); singing male near Mt. Ojibway, 19 June 1988 (DCS, JVB).

Chipping Sparrow *Spizella passerina* *

Common summer resident on the main island. Significant increase in numbers through time.

Vesper Sparrow *Pooecetes gramineus*

One record: one bird on Edwards Island, 27 June 1988 (DCS).

Savannah Sparrow *Passerculus sandwichensis*

Uncommon but regular spring migrant. Most records in May.

Song Sparrow *Melospiza melodia* *

Abundant summer resident, particularly on outer islands. Confirmed breeding in every year.

Lincoln's Sparrow *Melospiza lincolnii*

Fairly common spring migrant, through May and early June.

Swamp Sparrow *Melospiza georgiana*

Fairly common spring migrant. Most records in May.

White-throated Sparrow *Zonotrichia albicollis* *

Common spring migrant; abundant summer resident on the main island. Numbers breeding on the outer islands have decreased significantly during our study.

White-crowned Sparrow *Zonotrichia leucophrys*

Fairly common spring migrant. 22 records in May; two records in June.

Harris' Sparrow *Zonotrichia querula*

One record: one bird on Edwards Island, 20 May 1988 (DCS).

Dark-eyed Junco *Junco hyemalis*

Uncommon spring migrant; uncommon summer resident on the main island.

★ **Smith's Longspur** *Calcarius pictus*

One record: two birds on North Government Island, 26 May 1994 (JVB).

Bobolink *Dolichonyx oryzivorus*

One record: one bird at Long Island, 16 June 1983 (JVB).

Red-winged Blackbird *Agelaius phoeniceus*

Rare migrant or summer resident.

Eastern Meadowlark *Sturnella magna*

One record: one bird at Mott Island, 24 May 1991 (JVB,DCS).

Yellow-headed Blackbird *Xanthocephalus xanthocephalus*

One record: one female at Lion Island, 19 June 1983 (JVB).

Rusty Blackbird *Euphagus carolinus*

Two records: one bird in an unrecorded location, 24 May 1987 (DCS); two birds at Porter's Island, 18 May 1988 (DCS).

Brewer's Blackbird *Euphagus cyanocephalus*

One record: one bird at Hidden Lake, 26 July 1988 (JVB,DCS). Also one probable sighting at North Government, 4 August 1988 (JVB).

Common Grackle *Quiscalus quiscula*

Uncommon summer resident on the main island.

Brown-headed Cowbird *Molothrus ater*

Uncommon summer resident. Ten records from May through August.

Purple Finch *Carpodacus purpureus*

Uncommon summer resident. We average slightly over one sighting per month, and numbers have declined over the years.

Red Crossbill *Loxia curvirostra*

One record: seven birds at Edwards Island, 13 July 1994 (JVB).

White-winged Crossbill *Loxia leucoptera*

Occasionally very common summer resident, with some decline in numbers during our study.

Pine Siskin *Carduelis pinus*

Common summer resident.

American Goldfinch *Carduelis tristis*

Uncommon spring migrant or summer resident. Most of our records are between mid-May and mid-June.

Evening Grosbeak *Coccothraustes vespertinus*

Uncommon but regular spring migrant and summer resident.

