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CHECK LIST OF THE BIRDS OF MICHIGAN

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IN the twenty-six years that have passed since the publication of an account of the birds of Michigan<sup>1</sup> the accepted list has been altered greatly. With the hope of assisting bird students who are now handicapped by the lack of a convenient summary of the present knowledge of Michigan's avifauna, I offer this very brief outline. The Museum of Zoology solicits records, authenticated by specimens where possible, which will help to correct or supplement our present concept of the status and distribution of Michigan birds.

At least one Michigan specimen of every form listed here has been examined by some qualified ornithologist. An asterisk indicates that there is a positive Michigan breeding record for the species. Records marked U.M.M.Z. are based on specimens preserved in the University of Michigan Museum of Zoology.

For advice and assistance in the preparation of this list I am greatly indebted to Norman A. Wood, long an authority on the birds of Michigan. A great many friends of the Museum have contributed specimens and data on the birds of the State during the last twenty-six years. Among the most active of these have been: O. M. Bryens, L. W. and B. R.

<sup>1</sup> Walter B. Barrows, *Michigan Bird Life* (Lansing, Michigan: Mich. Agric. College, 1912).

Campbell, K. Christofferson, W. G. Fargo, S. S. Gregory, Jr., W. E. Hastings, T. D. Hinshaw, W. Koelz, M. J. Magee, R. E. Olsen, M. M. Peet, M. D. Pirnie, G. B. Saunders, A. D. Tinker, M. B. Trautman, L. H. Walkinshaw, and L. W. Wing.

\**Gavia immer elasson* Bishop. Lesser Loon

Summer resident.

*Gavia stellata* (Pontoppidan). Red-throated Loon

Rare transient and winter visitant. Several summer records for Lake Superior; may prove to breed there.

*Colymbus grisegena holboelli* (Reinhardt). Holboell's Grebe

Uncommon transient; sometimes found in large numbers on the Great Lakes. Several inland records: February 8 to 11, 1934.

*Colymbus auritus* Linnaeus. Horned Grebe

Common transient. Rare in winter.

*Aechmophorus occidentalis* (Lawrence). Western Grebe

One record: Kent County, Fox Creek Station; one coll., February 17, 1917, by F. Esbaugh.

\**Podilymbus podiceps podiceps* (Linnaeus). Pied-billed Grebe

Common summer resident; much less numerous in the north.

*Pelecanus erythrorhynchos* Gmelin. White Pelican

Straggler. Nineteen records between May 29 and October 31.

*Morus bassanus* (Linnaeus). Gannet

Two records: Livingston County, Walker Lake; immature ♀ collected October 19, 1911, by J. P. Case (U.M.M.Z.). Iosco County, Tawas Bay; immature ♂ collected November 10, 1925 (Miller Empey collection).

\**Phalacrocorax auritus auritus* (Lesson). Double-crested Cormorant

Uncommon transient; fewer in spring. Several pairs breed on Huron Islands, Marquette County.

\**Ardea herodias herodias* Linnaeus. Great Blue Heron  
Common summer resident. Occasional stragglers remain  
in southern counties into early winter.

*Casmerodius albus egretta* (Gmelin). American Egret  
Frequent postbreeding summer visitant; north to Gratiot  
and Montcalm counties. Occasional in May and June in Mon-  
roe County.

*Leucophoxa thula thula* (Molina). Snowy Egret

Three records:

Monroe County, Erie Twp.; immature ♀ collected August  
10, 1935 by L. W. Campbell (U.M.M.Z.).

Jackson County, Norvell Twp.; adult seen August 2 to  
8, 1936, by L. W. Watkins and W. G. Fargo.

Monroe County, Erie Twp.; immature ♂ collected August  
29, 1937, by L. W. Campbell (U.M.M.Z.).

*Florida caerulea caerulea* (Linnaeus). Little Blue Heron

Rare postbreeding summer visitant; north to Barry County.

\**Butorides virescens virescens* (Linnaeus). Eastern Green  
Heron

Common summer resident in southern three tiers of counties.  
Uncommon on Saginaw Bay. Probably uncommon late sum-  
mer visitant north of that point.

\**Nycticorax nycticorax hoactli* (Gmelin). Black-crowned  
Night Heron

Summer resident in southeastern quarter of Lower Penin-  
sula, including south shore of Saginaw Bay.

\**Botaurus lentiginosus lentiginosus* (Montagu). American  
Bittern

Common summer resident. Two winter records: Hillsdale  
and Monroe counties.

\**Ixobrychus exilis exilis* (Gmelin). Eastern Least Bittern

Summer resident north to Huron Mountain region, Seney,  
and Munuscong Bay. Rare and local in the north.

*Ixobrychus neoxenus* (Cory). Cory's Bittern

Two records. Corrected data: Jackson County, Norvell; ♂ collected August 24, 1894, by L. W. Watkins (U.M.M.Z.). Saint Clair County, Saint Clair Flats; ♂ collected May 14, 1904, by E. Craven.

*Mycteria americana* Linnaeus. Wood Ibis

One record: Monroe; immature collected June 19, 1910, by J. A. Peterson and examined and photographed by P. A. Taverner.

*Plegadis falcinellus guarauna* (Linnaeus). White-faced Glossy Ibis

Two records: Arenac County, mouth of Rifle River; immature collected October 6, 1884, by N. A. Eddy. Jackson County, Jackson; immature collected October 15, 1916, by F. J. Miller (U.M.M.Z.).

*Cygnus columbianus* (Ord). Whistling Swan

Regular transient. Sometimes in winter at Saint Clair Flats and Lake Erie.

*Cygnus buccinator* Richardson. Trumpeter Swan

Extirpated. One authentic specimen: Saint Clair County, Saint Clair Flats; ♂ collected November 20, 1875, by W. H. Collins (U.S.Nat.Mus.).

*Branta canadensis canadensis* (Linnaeus). Canada Goose

Common transient. No reliable modern nesting records; all records now confused by the presence of strays from domesticated flocks.

*Branta hutchinsi* (Richardson). Richardson's Goose

Reports indicate that a small "Canada Goose" occurs rarely in Michigan. The specimen taken late in 1925 or in January, 1926, at Guard Island, Monroe County, and examined by G. M. Sutton at the Erie Shooting Club clearly belonged to this

species as redefined by P. A. Taverner in 1931.<sup>2</sup> The specimen cannot now be found.

*Branta bernicla hrota* (O. F. Müller). American Brant

One satisfactory record: Monroe; two collected November 8, 1888, by J. Boyse and examined by G. N. Lawrence (*vide* R. B. Lawrence).

*Chen hyperborea* (Pallas). Lesser Snow Goose

Regular transient.

*Chen caerulescens* (Linnaeus). Blue Goose

Regular transient. Probably more common than *C. hyperborea*.

\**Anas platyrhynchos platyrhynchos* Linnaeus. Mallard

Probably the second most abundant breeding duck. Less common in the Upper Peninsula. A few winter in southern Michigan; north to Cheboygan in trout streams. Stray domesticated individuals confuse all records.

\**Anas rubripes* Brewster. Black Duck

The most abundant breeding duck. Winters more abundantly and farther north than the Mallard.

\**Anas acuta tzitzihoa* Vieillot. Pintail

Very common transient. Two breeding records: Saginaw Bay, Charity Island, 1911 and 1934. Some winter in Monroe County.

*Anas crecca carolinensis* Gmelin. Green-winged Teal

Transient; more common than the Blue-winged Teal. Reported breeding on Neebish Island, Chippewa County, 1892-94.

\**Anas discors* Linnaeus. Blue-winged Teal

Common transient and summer resident especially in the southern part of the State.

<sup>2</sup> 'A Study of *Branta canadensis* (Linnaeus), The Canada Goose,' *Ann. Rept. Nat. Mus. Canada*, 1929: 37-39.

\**Spatula clypeata* (Linnaeus). Shoveller

Uncommon transient, and perhaps regular summer resident, north to Saginaw Bay. Female and young collected at Fish Point, Tuscola County, June 19, 1936, by M. M. Peet.

*Chaulelasmus streperus* (Linnaeus). Gadwall

Uncommon transient.

*Mareca penelope* (Linnaeus). European Widgeon

Straggler. About six known specimens and a number of recent sight records, all in the southern two tiers of counties. These birds may be in part escaped captives.

*Mareca americana* (Gmelin). Baldpate

Regular transient. It seems to be relatively more common now than formerly.

\**Aix sponsa* (Linnaeus). Wood Duck

Summer resident, fairly numerous locally.

*Nyroca americana* (Eyton). Redhead

Transient, largely confined to the Great Lakes and Houghton Lake. Reported breeding at Saint Clair Flats in 1880, by W. H. Collins and 1882, by J. H. Langille.

\**Nyroca collaris* (Donovan). Ring-necked Duck

Common transient. Breeding record: Mallard Lake, north-east of Munising, Alger County, 1930, by M. D. Pirnie. No winter record.

*Nyroca valisineria* (Wilson). Canvas-back

Transient. Sometimes large flights occur on the Great Lakes. Flocks often winter on the Detroit River. Reported breeding at Saint Clair Flats in 1880, by W. H. Collins.

*Nyroca marila nearctica* (Stejneger). Greater Scaup Duck

Transient. Common at times on Saginaw Bay, Houghton Lake, and in the area north. Rare south of those points. Winter status not known.

\**Nyroca affinis* (Eyton). Lesser Scaup Duck

Common transient. A few nested, at least formerly: Saint Clair Flats, 1908, J. C. Wood; Mason County, 1909, R. W. Chaney. Stray summer birds cannot be assumed to be breeding. Winter status not known.

\**Bucephala clangula americana* (Bonaparte). American Golden-eye

Common transient. Nests from Lake Mitchell, Wexford County (E. R. Ford), and Houghton Lake (M. D. Pirnie) northward. Winters regularly throughout the State where there is open water.

*Bucephala islandica* (Gmelin). Barrow's Golden-eye

Two records: Wayne County, Detroit River; ♂ collected about April 1, 1905, according to Charles Campion. Ottawa County, Black Lake; ♀ collected March 22, 1907, by B. DeBries.

*Bucephala albeola* (Linnaeus). Buffle-head

Common transient. May prove to breed in Upper Peninsula. A few winter.

*Clangula hyemalis* (Linnaeus). Old-squaw

Abundant transient. Common winter resident on Great Lakes. Usually very uncommon inland. One summer record: Hessel, Lake Huron, Mackinac County, 1920; by J. Van Tyne.

*Somateria spectabilis* (Linnaeus). King Eider

Winter visitant. May prove to winter regularly on the Great Lakes. Two authentic Michigan specimens known: Barry County, Gun Lake; immature ♀ collected November, 1911, by W. E. Praeger (U.M.M.Z.). Berrien County, Union Pier; immature ♀ collected November 11, 1936, by G. F. Raz (U.M.M.Z.).

*Oidemia nigra americana* Swainson. American Scoter

Rare transient.

*Melanitta fusca deglandi* (Bonaparte). White-winged Scoter

Common autumn transient on Great Lakes and larger inland

lakes. A few sometimes stop on small lakes. Spring and winter status not known.

*Melanitta perspicillata* (Linnaeus). Surf Scoter

Transient. Status little known; apparently like that of *deglandi* but much less common.

*Oxyura jamaicensis rubida* (Wilson). Ruddy Duck

Regular transient. Apparently much less common than formerly. No satisfactory nesting record.

\**Lophodytes cucullatus* (Linnaeus). Hooded Merganser

Transient and summer resident in small numbers throughout the State. A few winter in the southern part.

\**Mergus merganser americanus* Cassin. American Merganser

Common transient. Nests locally south to Saginaw Valley (few actual records). Winters commonly.

\**Mergus serrator* Linnaeus. Red-breasted Merganser

Common transient, especially on the Great Lakes. Nests south to Saginaw Bay on the Great Lakes. Apparently rare in winter.

\**Cathartes aura septentrionalis* Wied. Eastern Turkey  
Vulture

Summer resident north to Kent County (very few actual nest records). Also recorded from Crawford and Chippewa counties. One winter record: one seen twelve miles east of Battle Creek, December 22, 1929, by L. H. Walkinshaw. Herbert Friedman<sup>3</sup> includes southwestern and south central Michigan in the range of *C. a. teter*, but there are no specimens known as yet from that part of the State.

*Elanoides forficatus forficatus* (Linnaeus)

Swallow-tailed Kite

At least three complete, authentic records:

Washtenaw County, four miles southwest of Saline; one

<sup>3</sup> "Critical Notes on American Vultures," *Proc. Biol. Soc. Wash.*, 46(1933): 189.



collected September 15, 1880, by Oscar Stimpson (N. A. Wood).

Monroe County, Petersburg; a pair collected June 19, 1882, by C. Chittenden (J. Trombley).

Washtenaw County, two miles north of Ypsilanti; immature collected October 4, 1924, by T. L. Hankinson (U.M.M.Z.).

\**Accipiter gentilis atricapillus* (Wilson). Eastern Goshawk

Rare. Status little known. Occasional records at all seasons. Four nests recorded: Otsego, Luce, Charlevoix (Beaver Island), and Roscommon counties.

\**Accipiter striatus velox* (Wilson). Sharp-shinned Hawk

Common transient and rare summer resident. Only three nests actually found: two in Saint Clair County (W. B. Barrows) and one in Cheboygan County, Douglas Lake (F. N. Blanchard). Rare in winter in the southern counties.

\**Accipiter cooperi* (Bonaparte). Cooper's Hawk

Transient (sometimes common) and summer resident. A few winter in southern counties.

\**Buteo jamaicensis borealis* (Gmelin). Eastern  
Red-tailed Hawk

Summer resident, now much reduced in numbers. Some winter in the southern counties. A few transients are intermediate toward *krideri*; e.g.; adult ♂, October 12, 1927, Augusta, Kalamazoo County, I. H. Sabin (U.M.M.Z.).

\**Buteo lineatus lineatus* (Gmelin). Northern  
Red-shouldered Hawk

Transient and summer resident. Now the most common nesting *Buteo* in the southern third of the State. Status in the northern part little known; apparently uncommon there. A few north to Isle Royale. A few winter records in southern counties.

*Buteo swainsoni* Bonaparte. Swainson's Hawk

Four authentic records. Corrected data:

Presque Isle County, Black Lake; ♂ collected October, 1883, by N. A. Wood (U.M.M.Z.).

Kent County, Grand Rapids; one collected about 1904, by Earl Moody (U.M.M.Z.).

Mackinac County, Hessel; one collected October 13, 1908, by Clarence Law (U.M.M.Z.).

Keweenaw County, Manitou Island; ♂ collected May 1, 1931, by N. A. Wood (U.M.M.Z.).

*Buteo lagopus s.-johannis* (Gmelin). American  
Rough-legged Hawk

Transient (occasionally common at points on the Great Lakes) and uncommon winter visitant.

*\*Buteo platypterus platypterus* (Vieillot)  
Broad-winged Hawk

Transient (occasionally common along the Great Lakes migration routes) and summer resident (rare in the south and much more common in the north).

*Aquila chrysaetos canadensis* (Linnaeus). Golden Eagle

Rare transient and winter visitant. Most records are for the months of November to February. Some published records prove to refer to the Bald Eagle.

*\*Haliaeetus leucocephalus washingtoniensis* (Audubon)  
Northern Bald Eagle

Uncommon resident and transient; a few winter. Nest distribution very inadequately mapped. Most of those recorded have been near the Great Lakes.

*\*Circus cyaneus hudsonius* (Linnaeus). Marsh Hawk

Common summer resident. A few winter north to Livingston County.

*\*Pandion haliaetus carolinensis* (Gmelin). Osprey

Regular transient and uncommon summer resident. Few actual nest records.

*Falco rusticolus candicans* Gmelin. White Gyrfalcon  
One record: Chippewa County, Sault Ste Marie; ♀ collected  
January 21, 1932, by W. Welsh and M. J. Magee (U.M.M.Z.).

\**Falco peregrinus anatum* Bonaparte. Duck Hawk  
Rare transient. Has nested near Munising and perhaps else-  
where.

*Falco columbarius columbarius* Linnaeus  
Eastern Pigeon Hawk  
Rare transient. Probably breeds in Luce and Ontonagon  
counties and on Isle Royale.

\**Falco sparverius sparverius* Linnaeus  
Eastern Sparrow Hawk  
Transient and summer resident; much less common than  
formerly. Occurs rarely in winter in southern third of State.

\**Canachites canadensis canace* (Linnaeus)  
Canada Spruce Grouse  
Local permanent resident. Rare south of Mackinac straits.  
Recent records south to Ogemaw County.

\**Bonasa umbellus togata* (Linnaeus). Canada  
Ruffed Grouse  
Permanent resident; south to Midland and Oceana counties.

\**Bonasa umbellus umbellus* (Linnaeus). Eastern  
Ruffed Grouse  
Permanent resident south of the preceding form.

\**Tympanuchus cupido pinnatus* (Brewster). Greater  
Prairie Chicken  
Permanent resident in Lower Peninsula and west in Upper  
Peninsula to Sidnaw.

\**Pedioecetes phasianellus campestris* Ridgway. Prairie  
Sharp-tailed Grouse  
Permanent resident on Isle Royale and in western Upper  
Peninsula, east to west branch of Escanaba River in Marquette

and Dickinson counties. Apparently first reached Upper Peninsula from Wisconsin about 1922 and has spread eastward since (G. B. Saunders).

\**Perdix perdix perdix* (Linnaeus). European Partridge

Permanent resident. Spread into Michigan in 1916 or 1917 from Ohio. Now found in Hillsdale, Lenawee, Washtenaw, and Monroe counties. There is also a colony in Cass and Saint Joseph counties which spread there from Indiana.

\**Colinus virginianus virginianus* (Linnaeus)

Eastern Bob-white

Permanent resident. Has spread north in recent years nearly to the straits of Mackinac but is rare and local north of Newaygo and Gladwin.

\**Phasianus colchicus torquatus* Gmelin. Ring-necked Pheasant

Extensively planted, beginning about 1918, and now established as a permanent resident north to Arenac, Gladwin, and Mason counties, and very locally north to Charlevoix.

\**Meleagris gallopavo silvestris* Vieillot. Eastern Turkey

Formerly permanent resident north to Isabella and Bay counties. Now extirpated.

\**Grus canadensis tabida* (Peters). Sandhill Crane

Rare summer resident. Still breeds in Washtenaw, Livingston, Ingham, Jackson, Calhoun, Schoolcraft, and perhaps Luce and western Chippewa counties.

\**Rallus elegans elegans* Audubon. King Rail

Summer resident north to Saginaw Bay and Grand Rapids. Occasionally winters in Saint Clair, Monroe, and Hillsdale counties.

\**Rallus limicola limicola* Vieillot. Virginia Rail

Summer resident north to Hessel (Mackinac County) and Huron Mountains (Marquette County). One seen Erie Twp., Monroe County, February 7, 1937, by L. W. Campbell.

\**Porzana carolina* (Linnaeus). Sora

Summer resident. Less common in north.

\**Coturnicops noveboracensis noveboracensis* (Gmelin)

Yellow Rail

Rare, or generally overlooked transient. One nest record: Chippewa County, Munuscong Bay; ten eggs, June 13, 1934, by F. C. Gillett (U.M.M.Z.).

\**Gallinula chloropus cachinnans* Bangs. Florida Gallinule

Summer resident north to Saginaw Bay. Also at Indian River, Cheboygan County (F. N. Blanchard and T. Nelson).

\**Fulica americana americana* Gmelin. American Coot

Common transient. Breeds locally. Occasionally winters in Monroe County.

*Squatarola squatarola* (Linnaeus). Black-bellied Plover

Regular transient, especially along the Great Lakes. More numerous in autumn.

*Pluvialis dominica dominica* (P. L. S. Muller)

Golden Plover

Transient, mainly confined to the Great Lakes. Rare in spring; uncommon in autumn.

*Charadrius hiaticula semipalmatus* Bonaparte

Semipalmated Plover

Common transient.

\**Charadrius melodus* Ord. Piping Plover

Summer resident on Great Lakes north to Beaver Island, Emmet, and Schoolcraft counties.

\**Charadrius vociferus vociferus* Linnaeus. Killdeer

Common summer resident.

\**Bartramia longicauda* (Bechstein). Upland Plover

Uncommon summer resident locally. Rare in Upper Peninsula.

*Numenius borealis* (J. R. Forster). Eskimo Curlew  
Formerly a rare transient.

*Numenius phaeopus hudsonicus* Latham. Hudsonian  
Curlew

Rare transient.

*Limosa haemastica* (Linnaeus). Hudsonian Godwit  
Four definite records:

Tuscola County, Fish Point; four seen (♂ collected) September 17, 1925, by W. E. Hastings and N. A. Wood (U.M.M.Z.).

Tuscola County, Fish Point; three seen May 7, 1926, by N. A. Wood.

Monroe County, Erie; one seen September 13, 1932, by M. B. Trautman.

Allegan County, Saugatuck; two ♂ collected May 11, 1934, by H. Bradley (U.M.M.Z.).

*Limosa fedoa* (Linnaeus). Marbled Godwit

Two definite records: Wayne County, Detroit River; ♂ ♀ collected August 1, 1882, by H. E. Chubb (U.M.M.Z.). Monroe County, North Cape; ♂ collected September 9, 1934, by M. B. Trautman (U.M.M.Z.).

*Tringa flavipes* (Gmelin). Lesser Yellow-legs  
Common transient.

*Tringa melanoleuca* (Gmelin). Greater Yellow-legs  
Common transient.

*Tringa solitaria solitaria* Wilson. Eastern Solitary  
Sandpiper

Common transient.

\**Actitis macularia* (Linnaeus). Spotted Sandpiper  
Common summer resident.

*Catoptrophorus semipalmatus inornatus* (Brewster)  
Western Willet

Rare transient. Most records are for July and August on

the southern shore of Lake Michigan. One specimen seen: Livingston County, Whitmore Lake; immature ♂ collected August 20, 1935, by M. B. Trautman (U.M.M.Z.).

*Arenaria interpres morinella* (Linnaeus). Ruddy  
Turnstone

Regular transient in small numbers.

*Limnodromus griseus fasciatus* Brodkorb. Long-billed  
Dowitcher

Five specimens collected: Monroe County, Erie; July 22 to August 12, 1934, by B. R. and L. W. Campbell (U.M.M.Z.).

*Limnodromus griseus griseus* (Gmelin). Eastern  
Dowitcher

Uncommon transient.

\**Capella delicata* (Ord.). Wilson's Snipe

Common transient. Regular, but local summer resident (rare summer resident in southern half of State). Occasional in winter: Washtenaw and Kent counties.

\**Philohela minor* (Gmelin). Woodcock

Common transient. Summer resident throughout the State, but probably less common in the north.

*Calidris canutus rufus* (Wilson). Knot

Uncommon transient.

*Crocethia alba* (Pallas). Sanderling

Common transient, especially on the Great Lakes. More numerous in autumn.

*Ereunetes pusillus* (Linnaeus). Semipalmated Sandpiper  
Common transient.

*Ereunetes mauri* Cabanis. Western Sandpiper

Transient; numbers not known. One specimen: Monroe County, Erie; ♀ collected August 8, 1936, by L. W. Campbell (U.M.M.Z.).

*Erolia minutilla* (Vieillot). Least Sandpiper  
Common transient.

*Erolia fuscicollis* (Vieillot). White-rumped Sandpiper  
Uncommon transient.

*Erolia bairdi* (Coues). Baird's Sandpiper  
Uncommon transient.

*Erolia melanotos* (Vieillot). Pectoral Sandpiper  
Common transient.

*Erolia alpina sakhalina* (Vieillot). Red-backed  
Sandpiper  
Common transient.

*Micropalama himantopus* (Bonaparte). Stilt Sandpiper  
Rare transient.

*Tryngites subruficollis* (Vieillot). Buff-breasted Sandpiper  
Five definite records:

Kalamazoo County, Kalamazoo; two collected September  
17, 1875, by R. M. Gibbs.

Kalamazoo County, Grand Prairie; three collected Septem-  
ber 14, 1882, by B. F. Syke.

Tuscola County, Fish Point; ♂ collected September 28,  
1925, by M. M. Peet.

Cheboygan County, Duncan Bay; ♂ collected August 18,  
1931, by F. N. Blanchard (U.M.M.Z.).

Cheboygan County, Duncan Bay; one seen September 9,  
1936, by T. Nelson.

*Phalaropus fulicarius* (Linnaeus). Red Phalarope  
Six Michigan records:

Monroe; one collected October 24, 1888, by R. Brandreth.

Monroe; ♀ collected October 25, 1890, by R. B. Lawrence.

Monroe; one collected October 15, 1894, by R. B. Lawrence.

Sault Ste Marie; one collected October 29, 1923 (specimen  
photographed by K. Christofferson but not preserved).



Sault Ste Marie; one collected October 20, 1930, by M. J. Magee.

Livingston County, Whitmore Lake; ♀ collected September 6, 1937, by M. B. Trautman (U.M.M.Z.).

\**Steganopus tricolor* Vieillot. Wilson's Phalarope  
Uncommon summer resident. Actual breeding records for Jackson and Huron counties.

*Lobipes lobatus* (Linnaeus). Northern Phalarope

Ten Michigan records:

Lenawee County, Tiffin River; ♀ collected September 14, 1899, by C. M. Butler.

Sanilac County, Forestville; ♀ collected October 4, 1911, by A. Hirzel.

Sanilac County, Forestville; ♂ collected October 28, 1911, by A. Hirzel.

Wayne County, fifteen miles west of Detroit; two seen May 21, 1922, by F. N. Wilson.<sup>4</sup>

Jackson County, Napoleon; one seen September 6, 1929, by R. T. Peterson.

Bay County, four miles north of Linwood; ♀ collected May 27, 1934, by M. M. Peet.

Monroe County, North Cape; two ♀ collected September 9, 1934, by M. B. Trautman (U.M.M.Z.).

Monroe County, Erie Twp.; ♀ collected May 7, 1935, by B. R. Campbell (U.M.M.Z.).

Monroe County, Erie Twp.; ♂ collected August 22, 1936, by L. W. Campbell (U.M.M.Z.).

Monroe County, Erie Twp.; three seen May 30, 1936, by L. W. Campbell.

*Stercorarius pomarinus* (Temminck). Pomarine Jaeger

One record: Wayne County, Fighting Island; ♀, May 30, 1879, by R. Sanlier (Mus. Comp. Zool.).

<sup>4</sup> "The Northern Phalarope in Michigan," *Bird Lore*, 25(1923): 184.

*Stercorarius parasiticus* (Linnaeus). Parasitic Jaeger

Three Michigan records:

Lapeer County, Otter Lake; immature collected September 29, 1897, by R. P. Stark.

Monroe County, Point Mouille; ♀ collected November 27, 1903, by L. J. Eppinger (U.M.M.Z.).

Huron County, Sebawaing River; ♀ collected November 3, 1933, by N. Dutcher (U.M.M.Z.).

\**Larus delawarensis* Ord. Ring-billed Gull

Common. Breeds in Saint Martins Bay, Mackinac County, at Cecil, Emmet County, and Bird Island, Thunder Bay, Alpena County. Some winter on Detroit River.

\**Larus argentatus smithsonianus* Coues. Herring Gull

Common summer resident on Great Lakes, nesting south to Charity Islands. Winters in some numbers wherever there is open water.

*Larus leucopterus* Vieillot. Iceland Gull

One collected at Sault Ste Marie in 1901.

*Larus philadelphia* (Ord). Bonaparte's Gull

Common transient. There are several questionable breeding records.<sup>5</sup>

\**Chlidonias nigra surinamensis* (Gmelin). Black Tern

Summer resident, common only in the southeastern quarter of the State. Breeds north to Munuscong Bay, Chippewa County.

\**Hydroprogne tschegrava tschegrava* (Lepechin)

Caspian Tern

Breeds on Green Bay, Delta County, and Beaver Islands, Charlevoix County. Uncommon transient in the rest of the State. Rare on Lake Superior.

<sup>5</sup> See Barrows, *op. cit.*

\**Sterna hirundo hirundo* Linnaeus. Common Tern

Common resident on the Great Lakes. Transient in small numbers in the interior.

\**Sterna forsteri* Nuttall. Forster's Tern

Recorded from Monroe, Wayne, Washtenaw, Saint Clair, Huron, and Berrien counties in summer. Nest collected Strawberry Island, Saint Clair County, 1880, by W. H. Collins.

*Plautus alle alle* (Linnaeus). Dovekie

One record: Wayne County, Detroit River; immature ♀ collected November 30, 1881, by W. H. Collins (U.M.M.Z.).

*Uria lomvia lomvia* (Linnaeus). Brünnich's Murre

Accidental visitant. Flights in December, 1894, 1896, 1907, resulted in a number of records in Monroe, Wayne, Oakland, Macomb, Montcalm (one), and Kalamazoo (one) counties.

\**Zenaidura macqoura carolinensis* (Linnaeus). Eastern Mourning Dove

Abundant summer resident in southern half of Lower Peninsula; uncommon or rare in the rest of the State. Uncommon winter resident in southern third of Lower Peninsula.

\**Ectopistes migratorius* (Linnaeus). Passenger Pigeon

Extinct. Formerly a locally abundant summer resident through the State. Last Michigan specimen: Wayne County, Dearborn Twp., immature bird, September 14, 1898 (J. H. Fleming collection).

\**Coccyzus americanus americanus* (Linnaeus). Yellow-billed Cuckoo

Summer resident, much less common in the north.

\**Coccyzus erythrophthalmus* (Wilson). Black-billed Cuckoo  
Summer resident.

\**Tyto alba pratincola* (Bonaparte). Barn Owl

Resident in small numbers in southern half of Lower Peninsula.

\**Otus asio naevius* (Gmelin). Eastern Screech Owl

Common resident in southern half of Lower Peninsula. Rare north to Douglas Lake, Cheboygan County.

\**Bubo virginianus virginianus* (Gmelin). Great Horned Owl

Resident in Lower Peninsula. Northern limit of range not known.

\**Bubo virginianus occidentalis* Stone. Montana Horned Owl

Resident on Isle Royale and perhaps in Upper Peninsula; in Upper Peninsula in winter. Some winter specimens from Chippewa County should perhaps be referred to *subarcticus*. For lack of specimens, especially of breeding birds, our knowledge of the Great Horned Owls of Michigan is extremely unsatisfactory.

*Nyctea nyctea* (Linnaeus). Snowy Owl

Irregular winter visitant.

\**Surnia ulula caparoch* (Müller). American Hawk Owl

Rare winter visitant south to Port Huron. One breeding record: juvenile ♂ collected at Siskowit Lake, Isle Royale, August 4, 1905, by Otto McCreary (U.M.M.Z.).

\**Strix varia varia* Barton. Northern Barred Owl

Resident. Formerly common, especially in the southern part of the State, but now much reduced in numbers.

*Scotiaptex nebulosa nebulosa* (Forster). Great Gray Owl

Very rare winter visitant south to Antrim and Montmorency counties.

*Asio wilsonianus* (Lesson). Long-eared Owl

Resident. Uncommon north of Saginaw. Few records in Upper Peninsula (Munuscong Bay, Whitefish Point, Munising, and Huron Mountains).

\**Asio flammeus flammeus* (Pontoppidan). Short-eared Owl

Status little known. Most records are for autumn and early winter months. Four breeding records (Washtenaw, Wayne, and Oakland counties).

*Cryptoglaux funerea richardsoni* (Bonaparte)  
Richardson's Owl

Five authentic Michigan records:

Chippewa County, Sault Ste Marie; ♂ collected February 22, 1900, by M. Cady.

Chippewa County, Sault Ste Marie; ♂ collected January 28, 1902, by M. Cady.

Chippewa County, Whitefish Point; one, May 1 (approximately), 1914, by N. A. Wood.

Chippewa County, Sault Ste Marie; one collected December 20, 1922, by M. J. Magee.

Cheboygan County, two miles northwest of Topinabee; ♀ collected March 17, 1937, by J. A. Lauren and M. M. Peet.

\**Cryptoglaux acadica acadica* (Gmelin). Saw-whet Owl  
Rare resident, north to Isle Royale. Few records (Whitefish Point and Marquette) for the Upper Peninsula mainland.

\**Antrostomus vociferus vociferus* (Wilson). Eastern Whippoorwill  
Summer resident. Rare on Keweenaw Point and Isle Royale.

\**Chordeiles minor minor* (Forster). Eastern Nighthawk  
Common summer resident.

\**Chaetura pelagica* (Linnaeus). Chimney Swift  
Common summer resident.

*Aeronautes saxatalis saxatalis* (Woodhouse). White-throated Swift  
One record: Hillsdale County, Hillsdale; one collected August, 1926, by B. Barber (U.M.M.Z.).

\**Archilochus colubris* (Linnaeus). Ruby-throated Hummingbird  
Common summer resident.

\**Megaceryle alcyon alcyon* (Linnaeus). Eastern  
Belted Kingfisher

Common summer resident. Individuals occasionally winter on open rivers (specimens seen north to Iosco County).

\**Colaptes auratus luteus* Bangs. Northern Flicker

Common summer resident. Casual winter resident in southern third of State. Some Michigan specimens show evidence of hybridization with *Colaptes cafer*.

\**Ceophloeus pileatus abieticola* Bangs. Northern  
Pileated Woodpecker

Uncommon resident, largely confined now to northern half of State. Still recorded occasionally south to Livingston County.

\**Centurus carolinus* (Linnaeus). Red-bellied Woodpecker

Uncommon local resident north to Saginaw and (formerly) Lake County.

\**Melanerpes erythrocephalus erythrocephalus* (Linnaeus)  
Eastern Red-headed Woodpecker

Common summer resident north to parts of Upper Peninsula (where it is uncommon but apparently increasing in numbers) and Isle Royale. Irregular winter resident (sometimes in numbers) in southern half of State.

\**Sphyrapicus varius varius* (Linnaeus). Yellow-  
bellied Sapsucker

Common summer resident except in southern part of State (rare in summer in southern three tiers of counties). Rare in winter in southern counties.

\**Dryobates villosus villosus* (Linnaeus). Eastern  
Hairy Woodpecker

Common resident.

*Dryobates villosus septentrionalis* (Nuttall). Northern  
Hairy Woodpecker

Isle Royale specimens, although not quite typical, seem best referred to this subspecies.

\**Dryobates pubescens medianus* (Swainson). Northern  
Downy Woodpecker

Common resident.

*Dryobates pubescens nelsoni* Oberholser. Nelson's  
Downy Woodpecker

Specimens taken in winter and spring in Gogebic, Luce, and  
Chippewa counties.

*Picoides arcticus* (Swainson). Arctic Three-toed  
Woodpecker

Resident; a few ranged south formerly to Washtenaw and  
Kalamazoo counties. Now restricted to Upper Peninsula and  
is uncommon even there. Probably breeds in parts of Upper  
Peninsula. One recent record in the south: Oakland County,  
Orion Twp.; ♂ collected November 7, 1920, by F. L. Giddings  
(U.M.M.Z.).

*Picoides tridactylus bacatus* Bangs. American  
Three-toed Woodpecker

Six records:

Chippewa County, Sault Ste Marie; one collected October  
1, 1910, by C. E. Richmond.

Iron County, Amasa; ♂ collected November 24, 1910, by  
C. F. Brandler.

Marquette County, Huron Mountain; ♀ collected October  
18, 1920, by S. S. Gregory, Jr.

Gogebic County; ♀ collected December, 1920, by B. R.  
Twombly (U.M.M.Z.).

Luce County, west of McMillan; one banded, February 1,  
1928, by O. M. Bryens.

Isle Royale, McCargoe Cove; ♀ collected October 4, 1929,  
by A. Murie (U.M.M.Z.).

\**Tyrannus tyrannus* (Linnaeus). Eastern Kingbird  
Common summer resident.

\**Tyrannus verticalis* Say. Arkansas Kingbird

At least five records:

Marquette County, Huron Mountain; one seen June 1,  
1925, by B. Christy.

Luce County, McMillan; one seen August 11, 1928, by O. M. Byrens.

Crawford County, Lovells; ♂ collected June 30, 1932, by J. Van Tyne (U.M.M.Z.).

Benzie County, Crystal Lake; two seen June 2, 1935, by H. J. F. Gall.

Barry County, Prairieville; nest and young June 30, 1937, by C. Bazuin.

*\*Myiarchus crinitus boreus* Bangs. Northern  
Crested Flycatcher

Common summer resident in southern half of State; rare in northern half. Not reported from Keweenaw Point or Isle Royale.

*\*Sayornis phoebe* (Latham). Eastern Phoebe  
Summer resident, common in the southern part of the State.

*Empidonax flaviventris* (W. M. and S. F. Baird)  
Yellow-bellied Flycatcher

Regular transient. May breed in Upper Peninsula.

*\*Empidonax virescens* (Vieillot). Acadian Flycatcher  
Summer resident north to Bay City.

*\*Empidonax traillii traillii* (Audubon). Alder Flycatcher  
Summer resident.

*\*Empidonax minimus* (W. M. and S. F. Baird)  
Least Flycatcher

Common summer resident.

*\*Myiochanes virens* (Linnaeus). Eastern Wood Pewee  
Common summer resident.

*\*Nuttallornis borealis cooperi* (Nuttall). Eastern  
Olive-sided Flycatcher

Transient in southern half of State; summer resident from Crawford County northward. Nest and young on north shore of Burt Lake, Cheboygan County, July 9, 1928 (A. O. Gross



and T. Nelson), and an occupied nest at Munuscong Bay, Chippewa County, June 8, 1934 (M. B. Trautman).

*Otocoris alpestris hoyti* Bishop. Hoyt's Horned Lark  
Uncommon winter visitant. Status little known.

*Otocoris alpestris alpestris* (Linnaeus). Northern  
Horned Lark

Transient and winter visitant, especially along the Great Lakes.

\**Otocoris alpestris praticola* Henshaw  
Prairie Horned Lark

Common summer resident. Winters in small numbers in the southern part of the State.

\**Iridoprocne bicolor* (Vieillot). Tree Swallow  
Common summer resident.

\**Riparia riparia riparia* (Linnaeus). Bank Swallow  
Common summer resident.

\**Stelgidopteryx ruficollis serripennis* (Audubon)  
Rough-winged Swallow

Summer resident north to Burt and Douglas Lakes, Cheboygan County. Mackinac Island: one record (S. E. White). Several sight records for McMillan, Luce County (O. M. Bryens).

\**Hirundo rustica erythrogaster* Boddaert. Barn Swallow  
Common summer resident.

\**Petrochelidon albifrons albifrons* (Rafinesque)  
Northern Cliff Swallow

Formerly common, now a rare and very local summer resident.

\**Progne subis subis* (Linnaeus). Purple Martin  
Common summer resident.

\**Perisoreus canadensis canadensis* (Linnaeus)

## Canada Jay

Resident and winter visitant. Formerly (1915) south to Houghton Lake, now restricted to Upper Peninsula in summer and rather local even there. Now rarely south in winter to Crawford County. One nest found: Isle Royale, 1935 (Ben East).

\**Cyanocitta cristata bromia* Oberholser. Northern  
Blue Jay

Resident except in the northern half of the State, which it largely deserts in winter.

\**Corvus corax europhilus* Oberholser. Southern Raven

Resident. Formerly common and still occurs rarely throughout the State. Now largely confined to the Upper Peninsula and is uncommon even there.

\**Corvus corone brachyrhynchos* Brehm. Eastern Crow

Common summer resident. Some winter in southern three tiers of counties.

\**Penthestes atricapillus atricapillus* Linnaeus  
Black-capped Chickadee

Common resident and transient.

*Penthestes carolinensis carolinensis* Audubon  
Carolina Chickadee

One record: Wayne County, Oakwood; immature ♂ collected July 17, 1899, by B. H. Swales (U.M.M.Z.).

*Penthestes hudsonicus hudsonicus* Forster  
Hudsonian Chickadee

Local summer resident and common winter visitant and transient in Upper Peninsula. Very rare in Lower Peninsula.

\**Baeolophus bicolor* Linnaeus. Tufted Titmouse

Resident north to Allegan County. Apparently increasing in numbers and spreading northward. Status little under-

stood. Several seen and photographed at Charlevoix, January, 1937 (Mrs. F. J. Fessenden).

*\*Sitta carolinensis carolinensis* Latham. White-breasted Nuthatch

Common permanent resident; much less common in the northern part of the State.

*\*Sitta canadensis canadensis* Linnaeus. Red-breasted Nuthatch

Common transient especially in autumn. Uncommon winter resident. Summer resident south to Wexford, Roscommon, and, perhaps, Montcalm counties.

*\*Certhia familiaris americana* Bonaparte. Brown Creeper

Common transient and winter resident. Summer resident south to Ottawa and Kent counties.

*Troglodytes aëdon aëdon* Vieillot. Eastern House Wren

One record: Kalamazoo County, Kalamazoo; one collected May 27, 1875, by R. M. W. Gibbs (U.M.M.Z.).

*\*Troglodytes aëdon baldwini* Oberholser. Ohio House Wren

Common summer resident north to Crawford County; also Chippewa County, and southern Dickinson County.

*\*Troglodytes aëdon parkmani* Audubon. Western House Wren

Common summer resident in western Cheboygan County and all of the Upper Peninsula except southern and eastern extremities.

*\*Nannus hiemalis hiemalis* (Vieillot). Eastern Winter Wren

Transient. Summer resident south to Kent County or, rarely, to Jackson County. Reported seen in winter in Jackson County and two were collected in Monroe County, Erie Twp., ♀, December 25, 1936, and ♂, January 23, 1937, by L. W. Campbell (U.M.M.Z.).

\**Thryomanes bewicki bewicki* (Audubon). Bewick's Wren

Rare summer resident north to Kent, Jackson, and Washtenaw counties.

\**Thryothorus ludovicianus ludovicianus* (Latham)

Carolina Wren

Rare resident north to Wayne and Washtenaw counties (once each to Benzie, Muskegon, Genesee, and Huron counties).

\**Cistothorus palustris iliacus* (Ridgway). Prairie

Marsh Wren

Common summer resident, largely confined to the southern half of the State. Rare and local in Upper Peninsula (Munuscong Bay and Huron Mountain). Rare in winter (Monroe and Saint Clair counties).

\**Cistothorus stellaris* (Naumann). Short-billed Marsh Wren

Local summer resident, less common in the north. One winter record: ♂ collected at Ann Arbor, January 15, 1938, by L. D. Case and A. E. Staebler (U.M.M.Z.).

\**Mimus polyglottos polyglottos* (Linnaeus). Eastern

Mockingbird

Rare summer resident. Has been recorded north to Marquette and even Isle Royale (collected by N. A. Wood) but most records are for the southern quarter of the State. Breeding records for Wayne (one) and Monroe counties. Winter records: Monroe County, Temperance, 1932-33; Battle Creek, 1937-38.

\**Dumetella carolinensis* (Linnaeus). Catbird

Common summer resident; less common in Upper Peninsula. One winter record: Ann Arbor, 1925-26 (J. Van Tyne).

\**Toxostoma rufum* (Linnaeus). Brown Thrasher

Common summer resident, much less common in Upper Peninsula; not recorded from Isle Royale. Rare in winter in southern two tiers of counties.

\**Turdus migratorius migratorius* Linnaeus  
Eastern Robin

Common summer resident. Winters in small numbers in the southern third of the State.

\**Hylocichla mustelina* (Gmelin). Wood Thrush

Common summer resident in Lower Peninsula. Rare and local in Upper Peninsula and Isle Royale.

\**Hylocichla guttata faxoni* Bangs and Penard. Eastern  
Hermit Thrush

Common transient. Summer resident south to Ottawa and Montcalm counties (and farther south?) Winter records for Wayne County (B. H. Swales) and Monroe County (L. W. Campbell).

\**Hylocichla ustulata swainsoni* (Tschudi). Olive-  
backed Thrush

Common transient. Summer resident south to Kalkaska and Wexford counties (exact range not known).

*Hylocichla minima aliciae* (Baird). Gray-cheeked Thrush  
Uncommon transient.

*Hylocichla fuscescens fuscescens* (Stephens). Veery  
Common transient (status uncertain).

\**Hylocichla fuscescens salicicola* Ridgway. Willow Thrush  
Common summer resident.

\**Sialia sialis sialis* (Linnaeus). Eastern Bluebird  
Common summer resident.

\**Poliophtila caerulea caerulea* (Linnaeus). Blue-gray  
Gnatcatcher

Summer resident north to Grand Rapids, Kent County, and Sand Point, Huron County (also reported from Crawford, Cheboygan, and even Mackinac counties, but we have seen no specimens from these regions).

\**Regulus regulus satrapa* Lichtenstein. Eastern  
Golden-crowned Kinglet

Common transient. Summer resident south to Charlevoix County, but few nests actually recorded. Irregular winter resident.

\**Regulus calendula calendula* (Linnaeus). Eastern  
Ruby-crowned Kinglet

Common transient. Recorded nesting on Mackinac Island and on Sugar Island, Chippewa County.

*Anthus spinoletta rubescens* (Tunstall). American Pipit  
Common transient.

*Anthus spraguei* (Audubon). Sprague's Pipit

One record: Crawford County, Lovells; ♂ collected June 26, 1935, by M. B. Trautman and J. Van Tyne (U.M.M.Z.).

*Bombycilla garrula pallidiceps* Reichenow. Bohemian  
Waxwing

Irregular winter visitant.

\**Bombycilla cedrorum*. Vieillot. Cedar Waxwing

Common transient and summer resident. Irregular winter resident, more commonly in the southern part of the State.

*Lanius borealis borealis* Vieillot. Northern Shrike  
Rare winter visitant.

\**Lanius ludovicianus migrans* Palmer. Migrant Shrike

Summer resident in small numbers. Not recorded from Isle Royale or Keweenaw Point.

\**Sturnus vulgaris vulgaris* Linnaeus. Starling

Common resident in Lower Peninsula. Occurs in Upper Peninsula but status and distribution not known. Many winter in southern part of State. This introduced, European species reached Michigan from the east in 1924.

*Vireo griseus noveboracensis* (Gmelin). Northern White-eyed Vireo

One specimen: Washtenaw County, Ann Arbor; ♀ collected May 13, 1928, by A. D. Tinker (U.M.M.Z.). There is also a sight record by J. Trombley of one seen May 10, 11, and 12, 1885, at Petersburg, Monroe County. Barrows incorrectly ascribed to N. A. Wood the report of one seen at Ann Arbor in 1881.

*Vireo belli belli* Audubon. Bell's Vireo

One record: Wayne County, Detroit; ♀ collected May 26, 1885, collector not known (Mus. Comp. Zool.).

\**Vireo flavifrons* Vieillot. Yellow-throated Vireo

Uncommon summer resident. Few actual nest records. Status doubtful in northern part of the State. We have seen no specimens from north of Saginaw Bay.

\**Vireo solitarius solitarius* (Wilson). Blue-headed Vireo

Uncommon transient. One nest record: Luce County, twenty-six miles north of Newberry; four eggs, July 3, 1932, by L. W. Wing and N. A. Wood (U.M.M.Z.).

\**Vireo olivaceus* (Linnaeus). Red-eyed Vireo

Common summer resident.

*Vireo philadelphicus* (Cassin). Philadelphia Vireo

Uncommon transient.

\**Vireo gilvus gilvus* (Vieillot). Eastern Warbling Vireo  
Summer resident. Common in south; much less so in north.

\**Mniotilta varia* (Linnaeus). Black and White Warbler  
Common transient. Breeding south to Kent, Livingston, and Wayne counties.

\**Protonotaria citrea* (Boddaert). Prothonotary Warbler

Local summer resident north to Oakland, Livingston, Ingham, Eaton, Newaygo, and Oceana counties.

\**Vermivora chrysoptera* (Linnaeus). Golden-winged Warbler

Summer resident north to Livingston and Kent counties. Also reported from Mackinac, Chippewa, and Luce counties, but confirmation is needed.

Hybrids between this and the following species have been taken in Calhoun, Jackson, Livingston, Washtenaw, and Wayne counties.

\**Vermivora pinus* (Linnaeus). Blue-winged Warbler

Rare summer resident north to Livingston and Barry counties.

*Vermivora peregrina* (Wilson). Tennessee Warbler

Common transient. Also reported as breeding in Benzie and Muskegon counties, but this species can easily be confused, and no breeding specimens have been examined by any qualified ornithologist.

*Vermivora celata celata* (Say). Orange-crowned Warbler

Uncommon transient. One winter record: Ann Arbor, January 31, 1932, by J. Van Tyne.

\**Vermivora ruficapilla ruficapilla* (Wilson). Nashville Warbler

Common transient. Breeds south to Montcalm County; also one record for Jackson County (L. W. Wing).

*Compothlypis americana pusilla* (Wilson). Northern Parula Warbler

Regular transient in small numbers. Probably breeds in at least the northern part of the State, but no nests have yet been found.

\**Dendroica aestiva aestiva* (Gmelin). Eastern Yellow Warbler

Common summer resident. Absent from Isle Royale.

\**Dendroica magnolia* (Wilson). Magnolia Warbler

Common transient. Summer resident south to about Ros-



common County. Breeding range little known; very few actual nest records.

*Dendroica tigrina* (Gmelin). Cape May Warbler  
Regular transient.

\**Dendroica caerulescens caerulescens* (Gmelin). Black-throated Blue Warbler

Common transient. Summer resident except in the southernmost counties. Southern record is Kalamazoo County (once). Wayne County record was later denied.<sup>6</sup> Very few nest records available.

\**Dendroica coronata* (Linnaeus). Myrtle Warbler  
Common transient. Summer resident south to Roscommon.

\**Dendroica virens virens* (Gmelin). Black-throated Green Warbler

Common transient. Summer resident south to Huron County.

\**Dendroica cerulea* (Wilson). Cerulean Warbler  
Summer resident north to Saginaw and rarely to Sand Point, Huron County.

\**Dendroica fusca* (Müller). Blackburnian Warbler  
Common transient. Summer resident south to Muskegon and Huron counties and once to Kalamazoo (1882). Very few nest records.

\**Dendroica dominica albilora* Ridgway. Sycamore Warbler  
Formerly a rare summer resident in Monroe, Wayne, Washtenaw, Kalamazoo, and Berrien counties. Only one record of occurrence since 1911: Berrien County, 1918, by N. A. Wood.

\**Dendroica pensylvanica* (Linnaeus). Chestnut-sided Warbler

Common transient. Local summer resident.

<sup>6</sup> [Note], *Auk*, 25 (1908): 231.

*Dendroica castanea* (Wilson). Bay-breasted Warbler  
Common transient. Probably breeds on Isle Royale.

*Dendroica striata* (Forster). Black-poll Warbler  
Regular transient, more numerous in autumn.

\**Dendroica pinus pinus* (Wilson). Northern Pine Warbler  
Uncommon transient. Summer resident south to Mason and Huron counties.

\**Dendroica kirtlandi* (Baird). Kirtland's Warbler  
Local summer resident in Wexford, Montmorency, Kalkaska, Crawford, Oscoda, Alcona, Roscommon, Iosco, and Clare counties (this area comprises the whole known breeding range of the species). Very rare transient south of this area. One record north of the breeding range: Spectacle Reef Lighthouse, northeast of Cheboygan, 1885.

\**Dendroica discolor discolor* (Vieillot). Northern Prairie Warbler  
Very uncommon transient. Breeds locally in Berrien, Ottawa, Montcalm, Crawford, Otsego, and Cheboygan counties.

\**Dendroica palmarum palmarum* (Gmelin). Western Palm Warbler  
Common transient. One nesting record: Crawford County, Lovells; 1931, by L. W. Wing.

\**Seiurus aurocapillus* (Linnaeus). Ovenbird  
Common transient and summer resident.

*Seiurus noveboracensis noveboracensis* (Gmelin). Northern Water-Thrush  
Common transient. Breeding distribution of this species little known. One nest record (subsp.?): Mackinac County, Hessel, 1920, by J. Van Tyne.

\**Seiurus noveboracensis notabilis* Ridgway. Grinnell's Water-Thrush  
Common transient. Relative status of this subspecies and

the preceding one not understood. Breeding specimens have been taken in Alger and Dickinson counties (U.M.M.Z.).

\**Seiurus motacilla* (Vieillot). Louisiana Water-Thrush  
Summer resident north to Montcalm County; once to Sherman City, Isabella County.

*Oporornis formosus* (Wilson). Kentucky Warbler

Three records:

Monroe County, Petersburg; one seen May 4, 1886, by J. Trombley.

Wayne County, Gratiot Twp.; adult ♂ collected May 6, 1906, by H. H. Spicer and J. C. Wood (U.M.M.Z.).

Washtenaw County, Ann Arbor; adult ♂ collected May 7, 1924, by W. Koelz (U.M.M.Z.).

*Oporornis agilis* (Wilson). Connecticut Warbler

Rare transient; probably breeds in north.

\**Oporornis philadelphia* (Wilson). Mourning Warbler

Fairly common transient. Breeds south to Hartland Twp., Livingston County.

\**Geothlypis trichas brachidactyla* (Swainson). Northern  
Yellow-throat

Common summer resident.

\**Icteria virens virens* (Linnaeus). Yellow-breasted Chat

Rare summer resident north to Lansing.

\**Wilsonia citrina* (Boddaert). Hooded Warbler

Rare summer resident north to Montcalm County.

*Wilsonia pusilla pusilla* (Wilson). Wilson's Warbler

Uncommon transient.

\**Wilsonia canadensis* (Linnaeus). Canada Warbler

Common transient. Breeds south to Mason County; once to Bay City, 1885, as recorded by N. A. Eddy.

\**Setophaga ruticilla* (Linnaeus). American Redstart  
Common transient and summer resident.

\**Passer domesticus domesticus* (Linnaeus). English Sparrow  
Common permanent resident and transient; much less common in north.

\**Dolichonyx oryzivorus* (Linnaeus). Bobolink  
Common summer resident in southern half of State; uncommon and local in the north.

\**Sturnella magna magna* (Linnaeus). Eastern Meadowlark  
Common summer resident. A few winter as far north as Lansing.

\**Sturnella neglecta* Audubon. Western Meadowlark  
Local summer resident in Upper Peninsula east to Blaney, Schoolcraft County, and in Charlevoix and Leelanau counties. Several records of singing males in June in south and south-east part of State.

*Xanthocephalus xanthocephalus* (Bonaparte). Yellow-headed  
Blackbird

Two specimens: Dickinson County, Iron Mountain; ♂ collected May 17, 1890, by E. E. Brewster. Tuscola County, Lone Tree Island; ♂ collected June 2, 1935, by M. Empey. Also recent sight records from Manistee and Monroe counties.

\**Agelaius phoeniceus phoeniceus* (Linnaeus). Eastern Redwing

Common summer resident.

*Agelaius phoeniceus arctolegus* Oberholser. Giant Redwing  
Status little known. Transient on Isle Royale and in Ontonagon and Monroe counties. Rare in winter north to Sault Ste Marie. All winter Redwing specimens seen are of this subspecies.

\**Icterus spurius* (Linnaeus). Orchard Oriole

Uncommon summer resident north approximately to the Saginaw-Grand valleys.

\**Icterus galbula* (Linnaeus). Baltimore Oriole  
Common summer resident in the southern half of the State;  
uncommon and local in the north.

*Euphagus carolinus* (Müller). Rusty Blackbird  
Common transient.

*Euphagus cyanocephalus cyanocephalus* (Wagler). Brewer's  
Blackbird

One record: Gogebic County, Ironwood; adult ♀ collected  
July 26, 1932, by L. W. Wing (U.M.M.Z.).

\**Quiscalus quiscula aeneus* Ridgway. Bronzed Grackle  
Common summer resident; less common in the north.

\**Molothrus ater ater* (Boddaert). Eastern Cowbird  
Common summer resident. One winter record: Winter-  
green Lake, Kalamazoo County, January, 1938, by M. D. Pirnie.

\**Piranga erythromelas* Vieillot. Scarlet Tanager  
Summer resident; less common in the north.

\**Richmondia cardinalis cardinalis* (Linnaeus). Eastern  
Cardinal

Permanent resident. Common in the southern third of the  
State. North rarely to Whitefish Point, Chippewa County.

\**Hedymeles ludovicianus* (Linnaeus). Rose-breasted Grosbeak  
Summer resident; less common in the north.

\**Passerina cyanea* (Linnaeus). Indigo Bunting  
Summer resident; much less common in north. Not  
recorded from Isle Royale.

\**Spiza americana* (Gmelin). Dickcissel  
Summer resident, very irregular in numbers. Usually con-  
fined to southern third of the State. Northernmost record:  
singing male seen north of Acme, Grand Traverse County,  
June 15, 1934, by L. H. Walkinshaw.

\**Hesperiphona vespertina vespertina* (Cooper). Eastern Evening Grosbeak

Noted in summer at points in Upper Peninsula from Saint Mary's River to Keweenaw Point. Nests found at Whitefish Point, Chippewa County, and Huron Mountain Club, Baraga County. Irregular winter visitant in the rest of the State.

\**Carpodacus purpureus purpureus* (Gmelin)  
Eastern Purple Finch

Common transient. Summer resident north of the Saginaw-Grand valleys. Irregular in winter.

*Pinicola enucleator leucura* (Müller). Canadian Pine Grosbeak

Winter visitant. Rare south of Ingham County.

*Pinicola enucleator eschatosus* Oberholser. Eastern Pine Grosbeak

As *P. e. leucura* but more common. Probably breeds on Isle Royale and in Porcupine Mountains.

*Acanthis hornemanni hornemanni* (Holboell)  
Hornemann's Redpoll

Two records:

Chippewa County, Sault Ste Marie; one collected March 29, 1900 (Sault Ste Marie H. S. Mus.).

Luce County, McMillan; adult ♂ collected March 11, 1934, by O. M. Bryens (U.M.M.Z.).

*Acanthis hornemanni exilipes* (Coues). Hoary Redpoll

Two records:

Chippewa County, Sault Ste Marie; ♂ collected December 7, 1899, by R. Endress (Sault Ste Marie H. S. Mus.).

Luce County, McMillan; two ♀ collected February 14, 1936, by O. M. Bryens (U.M.M.Z.).

*Acanthis linaria linaria* (Linnaeus). Common Redpoll

Winter visitant. Uncommon and irregular in the southern third of the State.

*Acanthis linaria rostrata* (Coues). Greater Redpoll

Six records:

Kalamazoo County, one collected in 1878, by F. H. Chapin.

Chippewa County, Sault Ste Marie; ♀ collected December 7, 1899, by W. P. Melville (Sault Ste Marie H. S. Mus.).

Houghton County, Elm River; ♀ collected November 20, 1904, by W. H. Grant (U.M.M.Z.).

Kalamazoo County, Kalamazoo; ♀ collected January 23, 1904, by W. Wilkowski, Jr.

Kalamazoo County, Kalamazoo; ♀ collected March 1, 1904, by W. Wilkowski, Jr.

Otsego County, Otsego Lake; four ♂ collected March 24, 1934, by G. B. Saunders (U.M.M.Z.).

\**Spinus pinus pinus* (Wilson). Northern Pine Siskin

Status little known. Apparently a summer resident in the northern half of the State. Rare and irregular winter visitant in the southern half.

\**Spinus tristis tristis* (Linnaeus). Eastern Goldfinch

Summer resident, less common in the northern part of the State. Winters irregularly in small numbers in the southern part of the State.

\**Loxia curvirostra neogaea* Griscom. Red Crossbill

The subspecies ordinarily recorded in the State. Its numbers fluctuate, and its distribution varies in ways not yet understood. Rare in southern quarter of the State, but more common northward. Records for southern section of the State largely confined to winter. A nest record for Hillsdale (February, 1893 or 1894) probably refers to this subspecies. In our treatment of this species we follow Ludlow Griscom's<sup>7</sup> recent revision.

*Loxia curvirostra minor* (Brehm). Alaskan Crossbill

A flight in March and April, 1888, was recorded in at least Genesee, Kent, and Jackson counties. A pair was also collected in Livingston County, November 30, 1896.

<sup>7</sup> "A Monographic Study of the Red Crossbill," *Proc. Bost. Soc. Nat. Hist.*, 41 (1937): 77-210.

*Loxia curvirostra pusilla* Gloger. Newfoundland Crossbill

Three records:

Genesee County, Brent Creek; one ♀ collected November 21, 1891, by J. A. Morden (Mus. Vert. Zool.).

Jackson County, Norvell; red ♂ collected in winter of 1892, by L. W. Watkins (U.M.M.Z.).

Luce County, McMillan; red ♂ collected January 17, 1932, by L. W. Wing (U.M.M.Z.).

*Loxia curvirostra benti* Griscom. Bent's Crossbill

One record: Luce County, McMillan; red ♂ collected January 17, 1932, by L. W. Wing (U.M.M.Z.).

\**Loxia leucoptera* Gmelin. White-winged Crossbill

Status very little known. Less common than *L. curvirostra* in the southern part of the State, but more common on Isle Royale and, perhaps, in the Upper Peninsula. One nesting record: Delta County, ten miles west of Escanaba; two eggs; April 27, 1891, by A. J. Schoenebeck (Nehrling, 1896).

\**Pipilo erythrophthalmus erythrophthalmus* (Linnaeus)

## Red-eyed Towhee

Summer resident, common in the south and uncommon or rare in the north. Isle Royale, one record. Occurs rarely in winter in Muskegon, Washtenaw, Wayne, and Monroe counties.

\**Passerculus sandwichensis savanna* (Wilson)

## Eastern Savannah Sparrow

Summer resident; abundant in north, uncommon as a resident in the south.

*Passerculus sandwichensis oblitus* Peters and Griscom

## Canadian Savannah Sparrow

Transient; exact status not known.

\**Ammodramus savannarum australis* Maynard

## Eastern Grasshopper Sparrow

Summer resident north to Lovells, Crawford County. Also breeds at Douglas Lake, Cheboygan County (F. N. Blanchard).



*\*Passerherbulus caudacutus* (Latham). Leconte's  
Sparrow

Summer resident at Munuscong Bay, Chippewa County (R. E. Olsen). Three collected and at least a dozen others seen at Portage Lake, Jackson County, September 30 (J. Van Tyne and T. D. Hinshaw), and October 4, 1936 (L. D. Case and A. E. Staebler).

*\*Passerherbulus henslowi henslowi* (Audubon)  
Western Henslow's Sparrow

Summer resident. Largely confined to the southern four tiers of counties. One colony near Mackinaw City (L. W. Wing, 1931).

*Ammospiza caudacuta nelsoni* (J. A. Allen)  
Nelson's Sparrow

Six records:

Kalamazoo County; two collected October 5, 1878, by W. Ely.

Wayne County, Springwells Twp.; ♂ collected September 27, 1893, by J. C. Wood (U.M.M.Z.).

Marquette County, Huron Mountain Club; ♀ collected September 25, 1933, by S. S. Gregory, Jr.

Jackson County, Portage Lake; ♀ collected, four seen September 23, 1934, by R. E. Olsen (U.M.M.Z.).

Jackson County, Jackson, Sharpes Lake; ♀ collected October 16, 1935, by J. H. Wood (U.M.M.Z.).

Jackson County, Portage Lake; ♂ collected October 4, 1936, by L. D. Case and R. E. Olsen (U.M.M.Z.).

*\*Poocetes gramineus gramineus* (Gmelin). Eastern  
Vesper Sparrow

Common summer resident.

*\*Chondestes grammacus grammacus* (Say). Eastern  
Lark Sparrow

Local summer resident north to Saint Clair, Wayne, Livingston, Jackson, and Kent counties. One adult male collected

May 28, 1931, at Copper Harbor, Keweenaw County, by N. A. Wood.

\**Junco hyemalis hyemalis* (Linnaeus). Slate-colored Junco

Common transient. Winter visitant in about the southern third of the State. Breeds regularly in northern part of State south to Clare and rarely south to Grand Rapids. Several winter specimens show varying degrees of intergradation with *J. oreganus*.

*Spizella arborea arborea* (Wilson). Eastern Tree Sparrow

Common transient. Winter visitant in southern part of the State. Northern boundary of winter range not recorded.

\**Spizella passerina passerina* (Bechstein). Eastern  
Chipping Sparrow

Common summer resident.

\**Spizella pallida* (Swainson). Clay-colored Sparrow

Uncommon transient and breeds locally in Ogemaw, Crawford, Oscoda, Ontonagon, Schoolcraft, and probably also in Roscommon, Montmorency, Otsego, Alcona, Presque Isle, Menominee, Iron, and Dickinson counties.

\**Spizella pusilla pusilla* (Wilson). Eastern  
Field Sparrow

Summer resident north to Crawford and southwestern Menominee counties. Reported seen in Alger County.

*Zonotrichia querula* (Nuttall). Harris's Sparrow  
Rare transient.

*Zonotrichia leucophrys leucophrys* (Forster). White-  
crowned Sparrow

Regular transient.

*Zonotrichia gambeli* (Nuttall). Gambel's Sparrow  
Rare transient.

\**Zonotrichia albicollis* (Gmelin). White-throated Sparrow  
Abundant transient. Summer resident south to Clare  
County.

*Passerella iliaca iliaca* (Merrem). Eastern Fox Sparrow  
Common transient.

*Melospiza lincolni lincolni* (Audubon). Lincoln's Sparrow  
Regular transient.

\**Melospiza georgiana* (Latham). Swamp Sparrow  
Common summer resident. Individuals winter occasionally  
in Washtenaw and Monroe counties.

\**Melospiza melodia euphonia* Wetmore. Mississippi  
Song Sparrow  
Abundant summer resident. Range complementary to that  
of *juddi*. A few winter in the southern third of the State.

\**Melospiza melodia juddi* Bishop. Dakota Song Sparrow  
Summer resident in the western part of the Upper Peninsula,  
east to Marquette.

*Calcarius lapponicus lapponicus* (Linnaeus). Lapland  
Longspur

Winter visitant; rather uncommon in the southern part of  
the State.

*Plectrophenax nivalis nivalis* (Linnaeus). Eastern  
Snow Bunting

Winter visitant; common except in the southern three tiers of  
counties.

This check list includes a total of 328 forms of which 4 are  
introduced species. I have marked 199 forms as positively  
known to have bred at least once in the State.

