

**THE KIRTLAND'S WARBLER
(DENDROICA KIRTLANDII)
AN ANNOTATED
BIBLIOGRAPHY
1852-1980**

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1982

FOREWORD

Although the Kirtland's Warbler is one of the most thoroughly studied of American songbirds, this is the first annotated bibliography and by far the most complete listing of the literature for the species.

For many years Josselyn Van Tyne, curator of birds at the University of Michigan Museum of Zoology, maintained a card file of Kirtland's Warbler references, and he continued this compilation up to 1956 shortly before his death. It formed the principal basis for the bibliography published in my 1960 work on the bird, but most of the important papers have been published since that date.

Kristina Huber's annotation is especially valuable because in the years prior to 1960 and even up to this day, many of the references occur in obscure publications not readily available to all readers.

Harold F. Mayfield
Waterville, Ohio

For
Michael R. Huber
and
James B. Cope

INTRODUCTION

This bibliography serves as a comprehensive guide to the literature concerning Kirtland's Warbler (*Dendroica kirtlandii*). It includes published materials dealing specifically with the species, as well as many broader items which provide information on the bird within their texts.

Materials range from technical journal articles and research reports to lay-oriented summaries appearing in popular magazines. Newspaper articles and audiovisual materials are not included. The work is intended as a tool for a variety of users. Titles, annotations, and the easily available papers can be a primer in early stages of research; or in other situations the work can be a sifting device before requesting interlibrary loans.

Scientific Names

For simplicity, scientific names for the Kirtland's Warbler (*Dendroica kirtlandii*), the Brown-headed Cowbird (*Molothrus ater*), and the Jack Pine (*Pinus banksiana*) are not specified in the text. Brown-headed Cowbird has been further abbreviated to Cowbird. In sources, spelling has varied historically between *kirtlandii* and *kirtlandi*. Items are cited as they appear in the original document.

Use of Brackets

Information within brackets has been supplied by this author. Page numbers in brackets indicate the actual pages on which references to Kirtland's Warbler appear within an article. If an author was identified only by initials, the complete surname has been provided. If county names for Michigan records were not specified, that information has been included.

Many articles in the Anonymous section appear in the format: "Anonymous. [Jones, L.]." This indicates the article has been cited in the literature as Jones' work even though his name does not appear on the material itself. Appropriate cross references refer the user from Jones to the Anonymous section.

Records

Annotations provide date, number, sex, status (sight record, song record, specimen collected), and location. "Male" or "female" assumes adult. "Immature," "juvenile" and "nestling" are indicated only where specifically mentioned. Song records are noted as "sex unspecified" unless the article states "male."

Locations other than Michigan and Bahamas include American state or Canadian province name. Michigan records are identified by county (with

Michigan understood), and Bahama records note the island name. If complete data are not given in the paper, this is noted in the comment.

Deposition notes for specimens are provided only if the information appears in the article cited.

Descriptions

"Plumage description" indicates that a cursory description of feather coloration is provided in the item. A "physical description" includes other notations such as leg color, eye color, and/or detailed measurements. Only well detailed descriptions are referenced in the index.

Cross References

All second and third authors are listed under their names, with references to first authors. In addition, supplementary "see" and "see also" notes are used as reader aids for tracing issues in the bibliography of the Kirtland's Warbler.

New Materials

It is intended that periodic supplements will be compiled as new materials appear. As readers find or publish items not included here, the author would appreciate receiving reprints or citations.

All reprints will be deposited in the Kirtland Warbler Reprint Collection of the Museum of Zoology, University of Michigan. Materials may be sent to:

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Acknowledgments

This document could not have been produced without the dedicated efforts of Harold F. Mayfield, Robert W. Storer, Steven M. Goodman, Janet G. Hinchshaw, and R. Grey Smith. To them I extend my heartfelt thanks. I also wish to express my appreciation to many colleagues, friends, and relatives for their interest, assistance, and support.

BIBLIOGRAPHY

- ABBOTT, G.A. 1915. Abbott's collection of North American warblers' eggs. *Oologist* 32(8), no.337:129-130 [130].
- 29 June 1907, 1 nest with 5 eggs collected, Oscoda Co.
- ADAMS, C.C. 1903. Discovery of the breeding area of Kirtland's Warbler in Michigan. *Science* n.s. 18(450):217.
- Announces that E.H. Frothingham collected a male in northern Michigan, and that on a subsequent trip to the area, N.A. Wood took specimens of a nest and an egg. [No specific data provided.]
- ADAMS, C.C. 1904. The migration route of Kirtland's Warbler. Michigan Ornithological Club, Bulletin 5(1):14-21.
- Offers a hypothesis concerning the migration route. Map of possible route is included. [For refutation, see W.W. Cooke (1905a). For reviews, see J.A. Allen (1904) and L. Jones (1904b).]
- AIRD, P.L. and S.J. Hibbard. 1978. The Search for Kirtland's Warbler in Canada: a Search Kit. Toronto: University of Toronto, Faculty of Forestry and Landscape Architecture, 13p.
- Provides guidance for observers in the three Canadian census efforts in 1978. Includes thorough descriptions of field marks, nest locality requirements, and search procedures.
- ALDRICH, J.W. 1964. The wood warblers. In: Wetmore, A. 1964. *Song and Garden Birds of North America*. Washington, D.C.: National Geographic Society, pp. 254-289 [280].
- Briefly describes life history and management efforts. Includes color plate of male.
- ALLEN, A.A. see H.W. Henshaw (1937).
- A[LLEN], J.A. 1880. Langdon's Ornithological Field Notes. [Review.] Nuttall Ornithological Club, Bulletin 5(4):232-233 [233].

4 May 1880, 1 male specimen, near Cleveland, Ohio; 12 May 1880, 1 female specimen, near Cleveland, Ohio. [See F.W. Langdon (1880).]

ALLEN, J.A. 1904. Kirtland's Warbler. [Review.] Auk 21(4):506-507. Reviews C.C. Adams (1904) and N.A. Wood (1904).

ALLEN, J.A. see also Anonymous (1903a).

AMADON, D. 1953. Migratory birds of relict distribution: some inferences. Auk 70(4):461-469 [463,465,466].

Discusses relict species using Kirtland's Warbler as one example.

AMERICAN ORNITHOLOGISTS' UNION. 1886/1957. Checklist of North American Birds. First edition (1886): New York: American Ornithologists' Union, 392p. [311]; fifth edition (1957): [Location unspecified]: American Ornithologists' Union, 691p. [502].

First edition: documents the history of the name(s) *Sylvicola kirtlandi* and *Dendroica kirtlandi*. Also includes a brief description of the range. Fifth edition: adds breeding and wintering locations, and speculates that the prior range may have been more extensive.

AMERICAN ORNITHOLOGISTS' UNION. 1977. Report of the Committee on Conservation. Auk 94(4,suppl.):100-1900 [1400-1500].

Reports on management efforts through 1976, and discusses population status.

ANDERSON, S.H. 1979. Habitat structure, succession and bird communities. In: DeGraaf, R.M. and K.E. Evans, compilers. 1979. Management of north central and northeastern forests for non-game birds, workshop proceedings, January 23-25, 1979, Minneapolis, Minnesota. USDA Forest Service, General Technical Report NC-51, pp. 9-21 [18].

Notes that Kirtland's Warbler depends "on fire for periodically opening habitat."

ANDERSON, W.L. and R.W. Storer. 1976. Factors affecting Kirtland's Warbler nesting success. Jack Pine Warbler 54(3):105-115.

Concludes: a) Cowbirds are a major threat to Kirtland's Warbler nesting success, b) other environmental factors also influence nesting success, and c) within the range evaluated, researcher visits had no effect on nesting success. Suggestions for management are also

included.

ANONYMOUS. see entries following E.A. Zuchoid (1854).

APGAR, A.C. 1898. Birds of the United States East of the Rocky Mountains. New York: North American Book Co., 415p. [87-88].

Provides a brief physical description and notes the general range.

ARLTON, A.V. 1949. Songs and other Sounds of Birds. Parkland, Wash.: the author, 195p. [125].

Briefly describes plumage characteristics and song.

ARNOLD, E. 1904a. Another nest of Kirtland's Warbler. Auk 21(4):487-488.

15 June 1904, 1 male specimen, 1 female specimen, 1 nest, and 4 eggs collected, Oscoda Co.

ARNOLD, E. 1904b. Kirtland's Warbler. Oologist 21(10), no.207:171.

15 June 1904, 1 male specimen, 1 female specimen, and 1 nest collected, Oscoda Co.; 29 June 1904, 1 nest and 4 eggs collected, Oscoda Co. Claims credit for the "type set" of eggs.

ARNOLD, E. 1904c. Nesting of Kirtland's Warbler in northern Michigan, 1904. Michigan Ornithological Club, Bulletin 5(3):67-68.

Reports taking the "first set of eggs of this species..." on 15 June 1904 in Oscoda Co. Describes nest, eggs, and locality, and notes that they were deposited in the J.L. Childs collection.

ARNOLD, E. 1905. The taking of the type set, nest and four eggs of *Dendroica kirtlandi* in Oscoda Co., northern Michigan, June 15, 1904, by Edward Arnold of Battle Creek. Warbler [Floral Park, N.Y.] (ser.2) 1(1):1-3.

14 June 1904, 1 male [status unspecified], Oscoda Co.; 15 June 1904, 1 male [specimen], 1 female [specimen], 1 nest, and 4 eggs collected, Oscoda Co. The 15 June 1904 specimens (male, female, nest and eggs) were deposited in the J.L. Childs collection. Describes eggs, locality, and behavior of bird while singing. Includes color plate of eggs.

ARNOLD, E. 1912. A short summer outing in Newfoundland, 1911. Auk

29 (1):72-79 [72].

Notes in passing his June 1905-1907 studies of Kirtland's Warbler nesting habits in northern Michigan.

AVERILL, C.K. 1920. Migration and physical proportions: a preliminary study. *Auk* 37(4):572-579 [577].

Refers briefly to Kirtland's Warbler data in support of the hypothesis that the "longest migrations in any group of similar birds are made by those with longer wings, smaller tails, and smaller bills and feet...."

AVERILL, C.K. 1922. A law governing the elevation of the nesting site. *Condor* 24(2):57-60. [58].

Discusses the relationship between wing length and nest height in the genus Dendroica. Includes Kirtland's Warbler data.

AXTELL, H.H. 1938. The song of the Kirtland's Warbler. *Auk* 55(3):481-491.

Provides a verbal description and hand-drawn graphs of a Kirtland's Warbler song. [See also T.T. McCabe (1938).]

BAGG, A.C. and S.A. Eliot, Jr. 1937. Birds of the Connecticut Valley in Massachusetts. Northampton, Mass.: Hampshire Bookshop, 813p. [567].

26 May 1916, 1 sight record [sex unspecified], Roslindale, Massachusetts. Provides a brief description of plumage, and lists the Kirtland's Warbler as a possible visitor for Massachusetts.

BAILEY, H.H. 1925. The Birds of Florida. Baltimore: Williams and Wilkins (for the author), 146p. [128, pl.70].

Kirtland's Warbler is listed as an extremely rare migrant in October and April (19th through 27th). Includes color plate of male and female.

BAILEY, H.H. 1930. In memoriam [Reginald Hargreaves Bulley]. *Bailey Museum and Library of Natural History*, Bulletin no.4:4.

Notes that Bulley's collection of Ohio bird skins, including a Kirtland's Warbler [no data provided], was given to H.H. Bailey, and researchers are free to contact him concerning use of the collection.

BAILEY, W. [1955]. Birds in Massachusetts: When and Where to Find Them. South Lancaster, Mass.: College Press, 234p. [188-189].

26 May 1916, 1 sight record [sex unspecified], Roslindale, Massachusetts. Leaves record "open to question."

BAILLE, J.L. 1953. [Region reports: spring migration April 1 to May 31, 1953.] Ontario-western New York region. *Audubon Field Notes* 7(4):270-272 [271].

10 May 1953, 1 sight record [sex unspecified], Point Pelee, Ontario.

BAIRD, R.L. 1905. Bird migration at Oberlin, Ohio. *Wilson Bulletin* 17(3), no.52:75-83 [79].

Provides migration dates for Oberlin, Ohio based on data from the "past" ten years. Kirtland's Warbler dates are listed as: arrival, May 5-10; departure, May 11.

BAIRD, S.F. 1852. Description of a new species of Sylvicola. *Lyceum of Natural History of New York*, Annals 5:217-218.

Presents the original description of the sub-adult male type specimen, including a detailed physical description, a record of its capture, and the dedication of its name: Sylvicola kirtlandii Baird. Includes color plate of male.

BAIRD, S.F. 1858. Birds. In: Pacific Railroad Survey, Report...Part 11, General report on the zoology... 9:1-1005 [266,286].

Lists Kirtland's Warbler in the key to Dendroica. Also provides a description of the type specimen. [See S.F. Baird (1852).]

BAIRD, S.F. 1859. Catalogue of North American birds chiefly in the Museum of the Smithsonian Institution. *Smithsonian Miscellaneous Collections* no.108, 19p. [6]. (Also cited as *Smithsonian Miscellaneous Collections* vol.2, art.4.)

Dendroica kirtlandii Baird is listed as no.205 in the catalogue.

BAIRD, S.F. 1864. Review of American birds in the Museum of the Smithsonian Institution. Part 1, North and Middle America. *Smithsonian Miscellaneous Collections* no.181, 449p. [206-207].

Discusses the 3 specimens and 1 sighting recorded through 1860. Deposition records are provided for two of the specimens.

BARROWS, W.B. 1912. Michigan Bird Life. Lansing: Michigan Agricultural College, Special Bulletin, 822p. [618-623].

Provides descriptions of physical characteristics, song, recorded specimens, and habitat, chiefly by use of quotations from sources annotated elsewhere in this bibliography. Specimens from the following Michigan counties are recorded: Calhoun, Crawford, Kalamazoo, Mackinac, Oscoda and Washtenaw. Includes black and white drawing of bird [sex unspecified]. [See also J. Van Tyne (1939).]

BARROWS, W.B. 1921. New nesting areas of Kirtland's Warbler. *Auk* 38(1):116-117.

1 June 1920, 12+ males song records, upper Muskegon River, Clare Co.; 20-22 June 1920, 25-30 pairs sight/song records, Michigan National Forest, Iosco Co. Also mentions Cowbird parasitism and habitat.

BARROWS, W.B. see also H.[F.] Mayfield (1962b).

BARTEL, K.E. see A. Lewy (1943).

BARTO, E. see E.T. Boardman (1937).

BATTS, H.L., JR. 1957. A preliminary report on seasonal distribution of birds in Kalamazoo County, Michigan. *Jack Pine Warbler* 35(1):9-13 [13].

Lists Kirtland's Warbler as a rare transient, and provides observation dates as 15-17 May. [Does not specify years on which dates are based.]

BELYEA, G.Y. 1980. Michigan bird survey, summer 1980. *Jack Pine Warbler* 58(4):158-163 [158,162].

8-10 June 1980, 4 nests "found," Crawford Co.; 6-15 June 1980, 242 singing males "found," [Michigan census].

BENT, A.C. see J. Van Tyne (1953).

BERGER, A.J. 1965. Studies of the Kirtland's Warbler. *Peacock* 2(6):27-30.

Provides a history of human interaction with the Kirtland's Warbler, and an account of the author's field and laboratory experiences with the bird.

BAIRD, S.F., J. Cassin, and G.N. Lawrence. 1870. The Birds of North America: the Description of Species Based Chiefly on the Collections in the Museum of the Smithsonian Institution. Salem: Naturalists' Book Agency, 2 vols., 1:266,286. [Originally published in 1860, Philadelphia: J.B. Lippincott.]

Revises and expands S.F. Baird (1858). Includes Kirtland's Warbler in the key to the Dendroica, and provides a description of the type specimen.

BAIRD, S.F., T.M. Brewer, and R. Ridgway. 1905. A History of North American Birds. Boston: Little, Brown, and Co., 3 vols., 1:221,272,pl.14.

Provides a thorough physical description of the type specimen, and mentions 2 other specimens and 1 sighting recorded through 1860. Includes color plate of male head.

BALDWIN, A.G. 1946. Kirtland's Warbler and northern Michigan. [Illinois] *Audubon Bulletin* no.60:5-8.

Reports on a trip to fulfill a wish "to add Kirtland's Warbler to my life list of birds." [No specific data provided.] Includes black and white drawing of bird [sex unspecified].

BANGS, O. 1900. Notes on a collection of Bahama birds. *Auk* 17(3):283-293 [292].

5 April 1897, 1 male specimen, Nassau, New Providence, Bahamas; 4 March 1897, 1 female specimen, Nassau, New Providence, Bahamas.

BARGEN see von Bargaen.

BARGER, N.R. 1941. May field notes. *Passenger Pigeon* 3(6):57-60 [59].

[May 1941], sight record [number and sex unspecified], Appleton, Wisconsin. (Reported by Mrs. W.E. Rogers.)

BARLOW, J.C. see R.D. James, et al. (1976).

B[ARROWS], W.B. 1904. Editorial. *Michigan Ornithological Club, Bulletin* 5(3):70-71.

Condemns those who took nest sets after the location of nesting colony was published. Praises State Game Warden's action to revoke collecting permits.

BERGER, A.J. 1966. Experiences with insectivorous birds in captivity. Jack Pine Warbler 44(2):65-73 [65,69-70,72].

Discusses raising birds in captivity, and emphasizes a proper aviary and a suitable diet. Kirtland's Warblers are included in the discussion of species raised.

BERGER, A.J. 1968a. Appendicular myology of Kirtland's Warbler. Auk 85(4):594-616.

Details the appendicular muscle structure of the Kirtland's Warbler. Includes black and white drawings of wing and leg muscles.

BERGER, A.J. 1968b. Behavior of hand-raised Kirtland's Warblers. Living Bird 7:103-116.

Includes notes on feeding, preening, headscratching, bathing and drinking, chasing, agonistic displays, call notes, and migratory restlessness. Also includes color plate of male feeding fledgling, black and white drawing of fledgling, and black and white photographs of preening and sleeping behaviors.

BERGER, A.J. and B.E. Radabaugh. 1968c. Returns of Kirtland's Warblers to the breeding grounds. Bird Banding 39(3):161-186.

Analyzes banding histories of Kirtland's Warblers including number of times returned, pairs mating in successive years, longevity, and double-broodedness. Includes black and white photograph of female, and maps of breeding grounds.

BERNARD, R.F. 1967. [Regional reports: spring migration April 1 - May 31, 1967:] western Great Lakes region. Audubon Field Notes 21(4):510-513 [512].

[Spring] 1967, 1 sight record [sex unspecified], Green Bay, Wisconsin.

BLACK, C.T. 1949. Seasonal records of Michigan birds - spring migration, 1949. Jack Pine Warbler 27(3):111-127 [124].

8 May 1949, 2 males [status unspecified], Kalkaska Co.; also noted for Oscoda Co. and Crawford Co. [No specific data provided.]

BLACK, C.T. 1950. Seasonal records of Michigan birds - breeding season, 1949. Jack Pine Warbler 28(2):31-38 [37].

28-30 May 1949, 6 males [status unspecified], southern Ogemaw Co.; 17 June 1949, 2 eggs [status unspecified], Lovells [Crawford Co.].

BLACK, C.T. 1954. Michigan bird survey, winter, 1953 - 54, and spring 1954. Jack Pine Warbler 32(4):119-134 [132].

14 May 1954, [number, sex, and status unspecified], Kalkaska Co.; 19 May 1954, [number sex and status unspecified], Lovells [Crawford Co.]; 30 May 1954, [number, sex, and status unspecified], Hale [Osco Co.].

BLACK, C.T. 1955. Michigan bird survey, spring, 1955. Jack Pine Warbler 33(3):187-94 [92].

10 May 1955, 1 record [sex and status unspecified], Saginaw [Saginaw Co.]; 12 May 1955, arrived in Kalkaska Co. [No further data provided.]

BLACK, C.T. see also G.J. Wallace (1948 and 1949).

BLACKWELDER, E. 1899. A note on Kirtland's Warbler (Dendroica kirtlandi). Auk 16(4):359-360.

22 May 1899, 1 male specimen, Morgan Park, Chicago, Illinois. Briefly describes behavior and song.

B[LAIN], A.W., JR. 1903. [Discovery of the nest of the Kirtland's Warbler.] Michigan Ornithological Club, Bulletin 4(2):63.

Reports N.A. Wood's discovery of a Kirtland's Warbler nest. Also notes the collection of 5 male specimens, 3 July 1903, in Oscoda Co.

BLAKE, C.H. 1966. Warbler tail spots. Eastern Bird Banding Association, News 29(2):54-55 [54].

Notes that Kirtland's Warbler has "no special winter plumage."

BLAKE, C.H. 1980. Warbler tail spots. North American Bird Bander 5(3):98-99 [98].

Reprints C.H. Blake (1966).

BLANCHARD, D. 1965. Kirtland's Warbler in winter on Grand Bahama Island. Jack Pine Warbler 43(1):39-42.

16 November 1963, 1 sight record [sex unspecified], Grand Bahama Island, Bahamas; refers to several sight records in the period 1959-1964.

BOARDMAN, E.T. and E. Barto. 1937. A pictorial guide to the families of birds. Cranbrook Institute of Science, Bulletin no.9, 48p. [44].

Kirtland's Warbler is listed as a migrant in southeastern Michigan. Mean and earliest arrival dates based on N.A. Wood (1906 and 1934) are also provided.

BORGES, I.B. 1944. Kirtland's Warbler. Redstart 11 (4/5):26.

16 May 1943, 1 sight record [sex unspecified], Suncrest Park area, Morgantown, West Virginia; 9 May 1937, 1 sight record [sex unspecified], Sunset Beach-Lake Lynn area, Morgantown, West Virginia.

BORGES, I.B. see also M. Brooks (1937).

BOND, J. 1940/1956. Checklist of Birds of the West Indies. Philadelphia: Academy of Natural Sciences, first edition (1940), 184p. [131-132]; fourth edition (1956), 214p. [152-153].

Cites original description, and lists the islands in the Bahamas for which there are records. [Information is the same in both editions.]

BOND, J. 1947. Field Guide to Birds of the West Indies. New York: Macmillan, 257p. [189-190].

Includes a plumage description, and a note concerning range.

BOND, J. 1951. First Supplement to the Checklist of Birds of the West Indies (1950) [i.e. to the third edition]. Philadelphia: Academy of Natural Sciences, 22p. [18].

20 November [1950?], 1 specimen [sex unspecified], Port Howe, Cat Island, Bahamas. Specimen was deposited in the Academy of Natural Sciences, Philadelphia.

BOND, J. 1979. Birds of the West Indies. London: Collins, fourth edition, 256p. [198].

Provides plumage description, mentions range, and notes wintering dates.

BONDESEN, P. 1977. North American Bird Songs - a World of Music. Klampenborg (Denmark): Scandinavian Science Press, Ltd., 254p. [16,96-97].

Describes song in detail and includes sonogram. Also notes times of singing and various perches used while singing.

BONHOTE, J.L. 1903. On a collection of birds from the northern islands of the Bahama Group. Ibis (8th ser.) 3(11): 273-315 [280-281].

25 March 1902, 1 male specimen, Little Abaco, Bahamas; April 1902, 1 specimen [sex unspecified], Nassau, New Providence, Bahamas. A physical description of the male is provided.

BORROR, D.J. 1950. A checklist of the birds of Ohio, with the migration dates for the birds of central Ohio. Ohio Journal of Science 50(1):1-32 [8,26].

Kirtland's Warbler is listed as a very rare migrant. Approximate arrival and departure dates based on data from 1922-1949 are given.

BRADBURN, R.A. 1975. The president's page. Jack Pine Warbler 53(2):37.

"Bird of Fire is in trouble...." Announces the establishment of a Kirtland's Warbler fund to be used for preservation efforts.

BRAGG, L.M. 1912. Birds of South Carolina. Supplement. [Continuation.] Charleston Museum, Bulletin 8(3):27-33 [32].

4 October 1910, 1 sight record [sex unspecified], Oakland Plantation, Christ Church Parish, South Carolina.

BREWER, T.M. see S.F. Baird, et al. (1905).

BRIGHAM, E.M., JR. 1941. Spring campout held at Higgins Lake. Jack Pine Warbler 19(3):78-85 [85].

Kirtland's Warbler appears on list of birds sighted. [No specific data provided.]

BRIGHAM, E.M., JR. 1943. Norman A. Wood. Jack Pine Warbler 21(4):103-108.

Provides an obituary of Norman Wood, with excerpts from his report on the type nest. [For the original report, see N.A. Wood (1904).]

BRIGHAM, E.M., JR. 1952. [Photograph of Kirtland's Warbler.] Massachusetts Audubon Society, Bulletin 36(2):cover.

Cover of issue is a black and white photograph of a bird [sex unspecified] feeding young.

- BRIGHAM, E. [M.], JR. 1980. Help! Michigan Audubon 28(2):1.
Black and white photograph of bird [sex unspecified] with 3 young.
- BRIMLEY, C.S. and J.H. Grey, Jr. 1941. [The season. CXL. August 1 to October 1, 1941:] Carolina region. Audubon Magazine 43(6):567-568 [568].
- 23 [September?] 1941, 1 record [sex and status unspecified], Rocky Mount, North Carolina.
- BRIMLEY, C.S. see T.G. Pearson, et al. (1919 and 1959).
- BRIMLEY, H.H. see T.G. Pearson, et al. (1919 and 1959).
- BROOKS, M. and I.B. Boggs. 1937. A sight record of Kirtland's Warbler in West Virginia. Redstart 4(9):61.
19 May 1937, 1 sight record [sex unspecified], Cheat Lake, Coopers Rock State Park, Monongalia Co., West Virginia.
- BROOKS, M. 1944. A checklist of West Virginia birds. West Virginia University, Agricultural Experiment Station, Bulletin no.316, 56p. [43].
19 May 1937, 1 sight record [sex unspecified], Ice's Ferry, Monongalia Co., West Virginia; 16 May 1943, 1 sight record [sex unspecified], Morgantown, West Virginia.
- BROWN, J.L. 1969. Territorial behavior and population regulation in birds: a review and re-evaluation. Wilson Bulletin 81(3):293-329 [296,306].
Uses H. [F.] Mayfield's (1960) data in determining the breeding density in relation to total population density. Concludes that the Kirtland's Warbler: a) is not limited in breeding because of population density, and b) does not occupy areas of sub-optimal habitat.
- BRUDENELL-BRUCE, P.G.C. 1975. The Birds of New Providence and the Bahama Islands. London: Collins, 142p. [109].
Describes plumage, and notes rarity of sight records during the winter season.
- BRUNN, B. see C.S. Robbins, et al. (1966).
- BUCHHEISTER, C.W. 1963. To save a single songbird. Audubon Magazine 65(4):211.
Praises efforts of the Michigan Audubon Society, the Michigan Conservation Department, and the U.S. Forest Service for reserving breeding areas, and for designing management systems.
- BUCKLEY, P.A. see C.A. Reed (1904/1965).
- BUECH, R.R. 1980. Vegetation of a Kirtland's Warbler breeding area and 10 nest sites. Jack Pine Warbler 58(2):59-72.
Describes method to define vegetation requirements for breeding. Includes data on all vegetation types included on transects.
- BULL, J. and J. Farrand, Jr. 1977. The Audubon Society Field Guide to North American Birds: Eastern Region. New York: Knopf, 778p. [374,689-690,750,pl.374].
Briefly describes range, voice, field marks, habitat, and nest. Includes color photograph of bird [sex unspecified], nest and young, and map of range.
- BULLEY, R.H. see H.H. Bailey (1930).
- BUNNELL, F. and P. Bunnell. 1967. Extinct and Vanishing Animals. Revised English version. New York: Springer-Verlag, 133p. [33,95-96]. [English translation of: Ziswiler, V. Bedrohte und Ausgerottete Tiere. Heidelberg: Springer-Verlag.] Heidelberg Science Library, vol. 2.
Provides a brief description of Kirtland's Warbler as an example of indirect extinction, and discusses the Kirtland's Warbler Management Area as an "excellent example of the integrated management and utilization... of resources."
- BUNNELL, P. see F. Bunnell (1967).
- BURGOYNE, G.E., JR. and L.A. Ryel. 1978. Kirtland's Warbler numbers and colonies, 1977. Jack Pine Warbler 56(4):185-190.
Reports thoroughly on the 1977 census, noting that 218 males were counted in 6 counties. Includes tables of census data for 1951-1977 by county, and by colony numbers and sizes, 1976-1977.
- BURLEIGH, T.D. 1958. Georgia Birds. Norman: University of Oklahoma

12 April 1902, 1 female specimen, Cumberland Island, Georgia; 14 April 1903, 1 female specimen, Cumberland Island, Georgia; 27 April 1904, 1 male specimen, Cumberland Island, Georgia; 16 April 1902, 1 specimen [sex unspecified], St. Mary's, Georgia; 27 August 1909, 1 sight record [sex unspecified], Savannah, Georgia. Lists status as a rare transient, and includes brief notes on plumage and habits.

BURNS, F.L. 1921. Comparative periods of nestling life of some North American Nidicolae. [Continuation.] *Wilson Bulletin* 33(4):177-182 [180].

Nestling period is listed at 12-13 days. Information is taken from F.M. Chapman (1907).

BURNS, F.L. 1924. The philosophy of birds' nests and comparative catalog [sic] in consideration of some local nidicolus birds. [Continuation]. *Wilson Bulletin* 36(4):188-200 [189].

Notes that the Kirtland's Warbler's nest is covered "naturally by means of the site." [No other information provided.]

BURTON, E.M. see A. Sprunt, JR. (1949/1970).

BUTLER, A.W. 1890. A catalogue of the birds of Indiana. Indiana Horticultural Society, Transactions for 1890 (Appendix C):1-135 [115].

Kirtland's Warbler is included in the hypothetical list for Indiana, with no Indiana specimens reported to date.

BUTLER, A.W. 1893. Notes on Indiana birds. Indiana Academy of Science, Proceedings for 1893:116-120 [119-120].

1 May 1893, 1 specimen [sex unspecified], Wabash, Indiana; specimen was deposited in Butler's collection. Includes other Kirtland's Warbler records through 1893, and a short speculation concerning the migration route.

BUTLER, A.W. 1895. Additional notes on Indiana birds. Indiana Academy of Science, Proceedings for 1895:162-168 [168].

7 May 1895, 1 specimen [sex unspecified], Wabash, Indiana.

BUTLER, A.W. 1897. The birds of Indiana. Indiana Department of Geology and Natural Resources, Annual Report 22:515-1187 [1070-1072].

4 May 1892, 1 specimen [sex unspecified], Wabash, Indiana; 7 May 1895, 1 specimen [sex unspecified], Wabash, Indiana. Also includes other records through 1895, and a short conjecture concerning migration route and breeding grounds. [Note: Butler includes a Pennsylvania record which is cited many times subsequently until W. Stone corrects the mistake in his 1898 paper. See also L. Stejneger (1899).]

BUTLER, A.W. 1927. Searching for interesting bird records. Indiana Audubon Bulletin 1927:10-13 [11].

4 May 1872, 1 male specimen and 1 sight record [sex unspecified], Avondale, Ohio.

BUTLER, A.W. 1929. Rare birds in Cincinnati collections. Auk 46(2):196-199 [196-197].

4 May 1872, 1 male specimen, Avondale, Hamilton Co., Ohio. Specimen is listed as being in the collection of Charles Dury.

BUTLER, A.W. see also L.A. Test (1939).

BYELLICH, J. see R. Radtke (1963).

CABOT, S., JR. see S.F. Baird, et al. (1905).

CABOT, S., JR. see also J. Van Tyne (1953).

CALKINS, J. 1963. Mio, Michigan: strictly for the birds. American Forests 69(6):6,44.

Briefly describes early management efforts. Includes black and white photograph of bird [sex unspecified].

CAMPBELL, L.W. [1931.] Checklist: Birds of Toledo, Ohio and Vicinity [with Migration Dates]. Toledo: Toledo Nature Society, 19p. [16].

22 September 1929, 1 sight record [sex unspecified], near Holland, Ohio. Listed as a very rare migrant for Toledo, based on data for 1926-1930.

CAMPBELL, L.W. 1940. Birds of Lucas County [Ohio]. Toledo Museum of Science, Bulletin 1(1):1-225 [146,183].

22 September 1929, 1 sight record [sex unspecified], Holland sand pit, Lucas Co., Ohio; 15 May 1909, 1 male specimen, Catawba Point, Ottawa

Co., Ohio. Listed as a rare visitor in Ohio.

CAMPBELL, L. [W.] 1968. Birds of the Toledo Area. Toledo: The Blade, 330p. [245].

Provides a summary of sight and specimen records from the Toledo, Ohio area covering the period 1908-1966.

CAPEN, D.E. 1979. Management of northeastern pine forests for nongame birds. In: DeGraaf, R.M. and K.E. Evans, compilers. 1979. Management of north central and northeastern forests for nongame birds, workshop proceedings, January 23-25, 1979, Minneapolis, Minnesota, USDA Forest Service, General Technical Report NC-51, pp. 90-109 [90, 93-94, 101].

Briefly summarizes habitat management techniques for Kirtland's Warbler.

CARLETON, G. 1954. A trip to Kirtland's Warbler land. Linnaean Newsletter 7(8):2-3.

June 1953, 1 female, 1 immature male, and 1 male sight records, Crawford Co. Provides a brief summary of J. Van Tyne's remarks on the "history" of the Kirtland's Warbler to the Wilson Club meeting.

CASSIN, J. 1856. Illustrations of the Birds of California, Texas, Oregon, British and Russian America. Philadelphia: Lippincott, 298p. [278-282, pl. XLVI].

Provides a physical description based on the type specimen. Includes color plate of male.

CASSIN, J. see also S.F. Baird, et al. (1870).

CHALLINOR, D., JR. 1962. Recent sight record of Kirtland's Warbler in the Bahamas. Wilson Bulletin 74(3):290.

27 March 1957, 1 male sight record, Hog Island, Bahamas. Includes brief notes on feeding behavior.

CHAMBERLAIN, B.R. see J.F. Denton (1950).

CHAMBERLAIN, D. and G. McKeating. 1978a. The 1978 Kirtland's Warbler survey in Ontario. [Location unspecified:] Ontario Ministry of Natural Resources, 24p.

Reports on survey methods used to locate suitable habitat and individuals in Ontario. The survey resulted in one record: 2 June 1978, 1 male sight record, Camp Petawawa. Selected areas of Quebec were also surveyed with one record resulting: 27 May 1978, 1 male sight record, north of Ottawa near the Gatineau River. Suggestions for further surveys are included.

CHAMBERLAIN, D. 1978b. The status of the Kirtland's Warbler (Dendroica kirtlandii (Baird)) in Canada. Prepared for the Committee on the Status of Endangered Wildlife in Canada. [Location unspecified:] Ontario Ministry of Natural Resources, 18p.

Reviews Kirtland's Warbler life history and population trends. Calls for endangered species status in Canada, and recommends a thorough census and management program be undertaken.

CHAMBERLAIN, E.B. 1936. Seasonal list of South Carolina birds, revised to November 1936. Charleston Museum, Leaflet no.8, 21p. [17].

Kirtland's Warbler is listed as a rare transient, having been seen 27 April and 4-29 October. [No specific data provided.]

CHAMBERLAIN, E.B. see also A. Sprunt, Jr. (1931 and 1949/1970).

CHAPMAN, F.M. 1895/1932. Handbook of Birds of Eastern North America. New York: D. Appleton and Co., second edition (1895), 427p. [362]; second revised edition (1932), 581p. [466-467].

1895 edition: provides a description of physical characteristics, notes on range, and speculations concerning the nesting area. 1932 edition: deletes the speculations, and adds notes on the type nest, breeding grounds, and song.

CHAPMAN, F.M. 1898. Kirtland's Warbler (Dendroica kirtlandi). Auk 15(4):289-293.

Includes summaries of migration and behavior data, and an annotated list of recorded specimens through 1897. Also presents previously unpublished records of 33 additional specimens taken in the Bahamas by J.C. Maynard during the period 1884 through 1897, from Nassau, New Providence, Eleuthra [sic] Island, and Athels [sic] Island. Includes color plate of 2 birds [sexes unspecified]. [See also F.M. Chapman (1899).]

CHAPMAN, F.M. 1899. Further notes on Dendroica kirtlandi. Auk 16(1):81.

25 May 1894, 1 specimen [sex unspecified], Winnebago Co., Illinois;

this addition and other corrections to F.M. Chapman (1898) are presented. [Note: Chapman's reference to the Nelson Ornithological Chapter Bulletin no.4, 1895, should read Wilson Ornithological Chapter Bulletin [i.e. Wilson Bulletin] no.4, 1895. See L. Jones (1895).]

CHAPMAN, F.M. 1903. Color Key to North American Birds. New York: Doubleday, Page and Co., 310p. [19].

Provides a brief description of plumage and range. Includes color illustration of bird [sex unspecified].

CHAPMAN, F.M. 1907. The Warblers of North America. New York: Appleton, 306p. [206-209, pl.11, figs.77-78]. Also: New York: Dover Publications, 1968, 307p. [206-209, pl.11, figs.77-78].

Includes description of physical characteristics, records of spring and fall migrations, and a note by N.A. Wood concerning the bird's habitat, nest and eggs. Also includes color plate of male and female, and black and white photograph of eggs.

CHAPMAN, F.M. 1908. Camps and Cruises of an Ornithologist. New York: D. Appleton & Co., 432p. [224].

27 or 28 April 1907, 1 sight record [sex unspecified], Cat Cay, Bahamas.

CHAPMAN, F.M. 1929. What Bird is That? New York: D. Appleton and Co., 144p. [106-107, pl.8].

Briefly describes plumage, range, tail wagging habits, song, and egg color. Includes color plate of bird [sex unspecified].

CHILDS, J.L. see Anonymous (1904a and 1906a).

CHRISTY, B.H. 1936. Kirtland marginalia. Cardinal 4(4):77-89 [89].

Provides a biography of Dr. J.P. Kirtland, and lists his notes on Ohio birds. Briefly describes the taking of the type specimen.

CHUBB, H.E. 1880. Spring field notes. Forest and Stream 14(16):307.

4 May 1880, 1 male specimen, Cleveland, Ohio. Includes measurements.

CLENCH, M.H. 1973. The fall migration route of Kirtland's Warbler. Wilson Bulletin 85(4):417-428.

Summarizes fall migration records. Provides detailed information on a fall Pennsylvania record: 21 September 1971, 1 immature banded, Powdermill Nature Reserve near Rector, Westmoreland Co. The bird was recaptured twice at the same location during the following 11 days. Also includes maps of migration records. [See also M.H. Clench (1978).]

CLENCH, M.H. 1978. Search ends: a Kirtland's at last. Audubon Society of Western Pennsylvania Bulletin 42(10):1,8.

10 February 1978, 1 female sight record, North Caicos Island, Bahamas. Habitat and behavior of the bird are described. Includes black and white photograph of an immature bird [sex unspecified], the subject of M.H. Clench (1973).

CLENCH, M.H. see also R.C. Leberman (1972).

COLUMBAN, B. 1968. Kirtland's Warbler. In: By the Wayside. Passenger Pigeon 30(1):28-33 [29].

25 May [1967], 1 sight record [sex unspecified], Green Bay, Wisconsin.

COOK, A.J. 1893. Birds of Michigan. Michigan State Agricultural College, Agricultural Experiment Station, Bulletin no.94, 148p. [115].

Lists the 6 Michigan specimens taken through 1885.

COOKE, M.T. 1921. Birds of the Washington [D.C.] region. Biological Society of Washington, Proceedings 34:1-22 [12].

25 September 1887 is listed as an "authentic date" for the species, and Kirtland's Warbler is listed among the "rare, irregular or accidental visitants." [No specific data provided.]

COOKE, M.T. 1929. Birds of the Washington, D.C., region. Biological Society of Washington, Proceedings 42:1-80 [58].

25 September 1887, 1 specimen [sex unspecified], Fort Myer, [Virginia]; "one week later," 1 sight record [sex unspecified], Fort Myer, [Virginia]. Listed as an accidental "visitant" for the region.

COOKE, W.W. 1888. Report on bird migration in the Mississippi Valley in the years 1884 and 1885, edited and revised by C.H. Merriam. U.S. Department of Agriculture, Division of Economic Ornithology, Bulletin no.2, 313p. [254]. (Also cited as: U.S. Department of Agriculture, Biological Survey, Bulletin no.2, and U.S. Biological Survey, Bulletin no.2.)

8 May 1885, 1 specimen [sex unspecified], St. Louis, Missouri.

COOKE, W.W. 1904a. Distribution and migration of North American wood warblers. U.S. Department of Agriculture, Division of Biological Survey, Bulletin no.18, 142p. [9,16,91-92]. (Also cited as U.S. Biological Survey, Bulletin no.18.)

Discusses breeding and wintering ranges. Traces spring and fall migration routes through various records.

COOKE, W.W. 1904b. The migration of warblers - seventh paper. Bird Lore 6(6):198-200 [pl., 199].

Notes location, month and day for sight and specimen records. Includes color plate of male and female.

COOKE, W.W. 1905a. An untenable theory of bird migration. Condor 7(1):8-9.

Refutes C.C. Adams' (1904) conjecture concerning the migration route of the Kirtland's Warbler.

COOKE, W.W. 1905b. The winter ranges of the warblers (Mniotiltidae). Auk 22(3):296-299 [298].

Notes that Kirtland's Warbler migrates through the southeastern United States, and winters in the Bahamas.

CORY, C.B. 1879. Capture of Kirtland's Warbler (*Dendroica kirtlandi*) in the Bahama Islands. Nuttall Ornithological Club, Bulletin 4(2):118.

9 January [1879?], 1 female specimen, Hawk's Nest, Andros Island, Bahamas. Includes a physical description of the bird, and notes that its "stomach" contained the remains of insects.

CORY, C.B. 1880/1890. The Birds of the Bahama Islands, Containing Many Birds New to the Islands, and a Number of Undescribed Winter Plumages of North American Species. 1880 edition: Boston: the author, 250p. [66-68,226]. 1890 edition: Boston: Estes and Lauriat, 250p. [66-68,226].

Both editions: 9 January [year not specified], 1 female specimen, Hawk's Nest, Andros Island. Describe plumage and provide measurements. Note that "stomach" contained remains of insects. Duplicate H.A. Purdie's (1879) list of known specimens.

CORY, C.B. 1885/1886a. A List of the Birds of the West Indies, including the Bahama Islands and the Greater and Lesser Antilles excepting the Islands of Tobago and Trinidad. Boston: Estes and Lauriat, 34p. [8].

Kirtland's Warbler is listed for New Providence and Andros Islands, Bahamas.

CORY, C.B. 1886b. The birds of the West Indies including the Bahama Islands, the Greater and Lesser Antilles, excepting the islands of Tobago and Trinidad. Auk 3(1):1-59 [38].

Kirtland's Warbler is listed as common in winter at New Providence and Andros, Bahamas.

CORY, C.B. 1891a. A list of birds taken and observed in Cuba and the Bahama Islands, during March and April, 1891. Auk 8(3):292-296 [295].

3-20 April 1891, 3 specimens [sexes unspecified], Berry Islands, Bahamas; [date unspecified], specimen(s) [number and sexes unspecified], also taken at Abaco and the Caicos Islands, Bahamas.

CORY, C.B. 1891b. List of the birds collected by C.L. Winch in the Caicos Islands and Inagua, Bahamas, during January and February, and in Abaco, in March, 1891. Auk 8(3):296-298 [297-298].

1891, 2 specimens [sexes unspecified], Caicos Islands, Bahamas; 1891, specimen(s) [number and sexes unspecified], Abaco, Bahamas.

CORY, C.B. 1892. Catalogue of West Indian Birds. Boston: the author, 163p. [118,155].

Dendroica kirtlandi is listed for Abaco, Berry Island, Eleuthera, New Providence, Andros, Watling's Island, Green Cay, No. Caicos, Grand Caicos, and East Caicos, Bahamas. [No specific data provided.] Cory hypothesizes that the Kirtland's Warbler is resident in the Bahamas.

CORY, C.B. 1896. A List of the Birds of Eastern North America. Boston: Bradley Whidden, 42p. [38].

Kirtland's Warbler is listed as occurring in Florida and Illinois. [No specific data provided.]

CORY, C.B. 1898. Kirtland's Warbler (*Dendroica kirtlandi*) in Florida. Auk 15(4):331.

19 April 1897, 1 sight record [sex unspecified], West Jupiter, Florida; 27 April 1897, 1 specimen [sex unspecified], West Jupiter,

Florida.

CORY, C.B. 1899. The Birds of Eastern North America Known to Occur East of the Ninetieth Meridian. Chicago: Field Columbian Museum, 387p. [284,301,381].

Lists Kirtland's Warbler in the key to warblers, and provides a brief note concerning its range. Also includes black and white drawing of bird [sex unspecified].

CORY, C.B. 1909. The birds of Illinois and Wisconsin. Field Museum of Natural History, Publication no.131 (Zoological Series 9), 764p. [659-661].

Includes physical descriptions of male and female, and the following records: 7 May 1894, 1 specimen [sex unspecified], Glen Ellyn, Illinois; 25 May 1894, 1 specimen [sex unspecified], Winnebago Co., Illinois; 22 May 1899, 1 male specimen, Morgan Park, Chicago, Illinois; [date unspecified], 1 sight record [sex unspecified], Lake Koshkonong, Wisconsin; July 1903, 15 specimens [sexes unspecified], Lake nest and egg collected, Oscoda Co., Michigan; 8 May 1885, 1 male specimen, St. Louis, Missouri. Includes black and white drawing of bird [sex unspecified].

COUES, E. 1873. A Checklist of North American Birds. Salem: Naturalists' Agency, 137p. [19].

Lists Kirtland's Warbler.

COUES, E. 1878. Birds of the Colorado Valley. U.S. Geological Survey of the Territories, Miscellaneous Publication no.11, 807p. [249].

Provides a bibliography of Kirtland's Warbler articles published through 1877. Notes that 3 specimens had been taken in Ohio and 1 taken in the Bahamas; and 1 individual had been seen in Wisconsin through 1878.

COUES, E. 1880. Description of the female Dendroica kirtlandi. Nuttall Ornithological Club, Bulletin 5(1):49-50.

16 May 1879, 1 female specimen, Ann Arbor [Washtenaw Co.]. Provides a thorough physical description of the specimen. Specimen was deposited in the U.S. National Museum.

COUES, E. 1882. The Coues Checklist of North American Birds. Boston: Estes and Lauriat, second edition (revised), 165p. [38].

Lists Kirtland's Warbler.

COUES, E. 1884/1927. Key to North American Birds. First edition (1884): Boston: Estes and Lauriat, 863p. [306-307]; sixth edition (1927): Boston: Page Co., 2 vol., 1:330-331.

Both editions provide a detailed physical description and note range. 1927 edition includes black and white drawing of bird [sex unspecified].

COURSEN, C.B. see E.R. Ford, et al. (1934).

COVERT, A.B. 1876. Birds of lower Michigan. Continued. Forest and Stream 6(9):132.

15 May 1875, 1 female specimen, [no specific location provided]. Notes that the bird is very rare.

COVERT, A.B. 1881. Annotated list of the birds and mammals of Washtenaw County, Michigan. Ann Arbor: the author. Reprint of "Chapter V. Natural History, Birds." in: History of Washtenaw County, Michigan. Chicago: C.C. Chapman and Co., pp. 173-194 [177].

15 May 1875, 1 specimen [sex unspecified], Scio [Washtenaw Co.]; 16 May 1879, 1 specimen [sex unspecified], Scio [Washtenaw Co.].

COVERT, A.B. 1903. Remarks on the recent capture of a Kirtland's Warbler in Michigan. Michigan Ornithological Club, Bulletin 4(2):47-49.

15 June 1903, 1 male specimen, western Oscoda Co. [See E.H. Frothingham (1903).] Speculates on migration routes, and on arrival dates at breeding grounds.

CRAIGHILL, F.H. 1942. Craighill's last letter about North Carolina birds. Chat 6(2):25-26.

23 September 1941, 1 sight record [sex unspecified], Rocky Mount, North Carolina.

CURRY-LINDAHL, K. 1972. Let Them Live: A Worldwide Survey of Animals Threatened with Extinction. New York: William Morrow and Co., 394p. [180].

Briefly describes habitat requirements and management efforts.

CURTIS, G.M. 1941. Jared Potter Kirtland, M.D. Ohio State Medical Journal 37(10):971-977 [976].

- DOUGLASS, D.W. 1952. Kirtland's Warbler. In: Roberts, H.D. and C.J. Messner, eds. 1952. Enjoying Birds in Michigan. [Kalamazoo:] Michigan Audubon Society, pp. 4-5.
- Reprints D.W. Douglass (1951). Also includes black and white photograph of bird [sex unspecified], and map of breeding range.
- DOUGLASS, D.W. [1958?] Kirtland's Warbler. In: Spencer, H.H., ed. [1958?] Enjoying Birds in Michigan. [Kalamazoo:] Michigan Audubon Society, pp. 4-5.
- Updates D.W. Douglass (1951 and 1952). Includes color plate of male, female, and young.
- DUCEY, J. 1978. Will the Kirtland's Warbler return? Ford Times 71(4):cover,48-51.
- Provides an introduction to the Kirtland's Warbler with information on life history and management efforts. Includes color illustration of bird [sex unspecified].
- DURY, R. see K.[H.] Maslowski (1931).
- ELLIOT, S.A., JR. see A.C. Bagg (1937).
- ELLIS, J.B. 1915. Migratory notes taken fall 1915 by J.B. Ellis, Chokoloskee, Fla. Oologist 32(12), no.341:207,209 [209].
- "10-11-15," 1 record [sex and status unspecified], Chokoloskee, Florida.
- ESTEN, S.R. 1938. Etta Wilson's Marion County migration records. Indiana Audubon Society, Yearbook 16:41-47 [45].
- Kirtland's Warbler is listed as a very rare migrant. [No specific data provided.]
- EVANS, K.E. see S.H. Anderson (1979).
- EVANS, K.E. see also D.E. Capen (1979).
- FARGO, W.G. 1934. Walter John Hoxie. Wilson Bulletin 46(3):169-196.
- Includes in biography of Hoxie a list of Georgia records abstracted from "Walter J. Hoxie's 'Annotated list of the birds of Chatham County, Georgia' [which] appeared in eight instalments [sic] in the Savannah Morning News beginning April 30, 1911." Notes that 1 Kirtland's Warbler was "reported recently." [No specific information included.]
- FARRAND, J., JR. see J. Bull (1977).
- FAULL, J.H. see J.H. Fleming (1913).
- FAUST, W.R. see L.H. Walkinshaw (1974 and 1975).
- FAVER, A.R. 1949. Kirtland's Warbler seen at Eastover, Richland County, S.C. Chat 13(5):79-80.
- 14 October 1949, 1 sight record [sex unspecified], Eastover, South Carolina. Also notes all other South and North Carolina records through 1941.
- FAVER, A.R. 1951. Chats and other warblers at Eastover, S.C. Chat 15(5):82-83 [83].
- 1 September 1951, 1 sight record [sex unspecified], Eastover, South Carolina.
- FAVER, A.R. 1953. Rare warblers in the Carolinas. Chat 17(2):30-33 [31-33].
- Briefly describes population status, and notes North and South Carolina records through 1951. Includes black and white drawing of bird [sex unspecified].
- FAVER, A.R. 1967. Kirtland's Warbler at Eastover, S.C. Chat 31(4):98.
- 22 September 1967, 1 sight record [sex unspecified], Eastover, South Carolina.
- FAVER, A.R. 1969. Birding at Beaumont. Chat 33(4):88-89 [89].
- Restates her three earlier records for Eastover, South Carolina. [See A.R. Faver (1949, 1951, and 1967).]
- FELSLING, J., JR. 1980. Kirtland's Warbler at nest. Jack Pine Warbler 58(2):58.
- Black and white illustration of pair at nest with young.

- FICKEN, M.S. and R.W. Ficken. 1962. The comparative ethology of the wood warblers: a review. Living Bird 1:103-122 [107-108].
- Kirtland's Warbler is included in the discussion of tail wagging.
- FICKEN, R.W. see M.S. Ficken (1962).
- FIGGINS, J.D. 1945. Birds of Kentucky. Lexington: University of Kentucky Press, 366p. [283].
- Provides a brief description of range and physical characteristics. Notes that Kirtland's Warbler migrates "through the Mississippi River Valley to Michigan." [No specific Kentucky data provided.]
- FISHER, J., N. Simon and J. Vincent. 1969. Wildlife in Danger. New York: Viking Press, 368p. [313-314, p. 333].
- Provides an overview of human interaction with Kirtland's Warbler and of management techniques. Includes color illustration of bird [sex unspecified].
- FLEMING, J.H. 1907. Birds of Toronto, Canada. Pt. II, Land Birds. Auk 24(1):71-89 [84].
- 16 May 1900, 1 male specimen, Toronto, Ontario.
- FLEMING, J.H. 1913. Birds. In: Royal Canadian Institute, Toronto, 1913. The Natural History of the Toronto Region, Ontario, Canada, edited by J.H. Faull. Toronto: Canadian Institute, pp. 212-237 [233].
- Kirtland's Warbler listed as "accidental, one record." [No specific data provided.]
- FOLLEN, D., SR. 1980. Kirtland's Warbler. In: By the wayside. Passenger Pigeon 42(2):86.
- 7 July 1979, 1 male sight/song record, Jackson County, [Wisconsin]. [Note: this is the same record as N. Roberts (1980) even though the dates differ.]
- FORBUSH, E.H. 1925-1929. Birds of Massachusetts and other New England States. Norwood, Mass: printed by Norwood Press, 3 vol., 3:267.
- 26 May 1916, 1 male sight record, Roslindale, Massachusetts.
- FORBUSH, E.H. and J.B. May. 1939. Natural History of the Birds of
- Eastern and Central North America. Boston: Houghton-Mifflin, 554p. [436, p. 94].
- Provides brief notes on identification, song, breeding, range, and tail wagging habits. Includes color plate of male.
- FORD, E.R. 1931. Note on Kirtland's Warbler. Auk 48(2):276.
- 2 June 1930, numerous sight and song records [exact number and sexes unspecified], Ausable River District, Michigan.
- FORD, E.R., C.C. Sanborn, and C.B. Coursen. 1934. Birds of the Chicago Region. Chicago Academy of Science, Program of Activities 5(2-3):18-80 [63].
- 7 May 1894, 1 specimen [sex unspecified], DuPage [sic] Co., Illinois; 21 May 1899, 1 specimen [sex unspecified], Cook Co., Illinois; 25 May 1918, 1 sight record [sex unspecified], Tremont, Porter Co., Indiana; 9 May 1924, 1 sight record [sex unspecified], Tremont, Indiana.
- FORD, E.R. 1956. Birds of the Chicago Region. Chicago Academy of Sciences, Special Publication no. 12, 117p. [77].
- 7 May 1894, 1 specimen [sex unspecified], DuPage [sic] Co., Illinois; 21 May 1899, [number, sex, and status unspecified], Cook Co., Illinois; 18 May 1934, sight record(s) [number and sex unspecified], Jackson Park, Illinois; 12 May 1947, 6 sight records [sexes unspecified], Salt Creek near LaGrange, Illinois. The DuPage Co. specimen "is in the collection of S.S. Gregory, Jr., Winnetka."
- FREY, E.S. 1943. Centennial Checklist of the Birds of Cumberland County, Pennsylvania and her Borders, 1840-1943. Lemoyne, Pa.: the author, 68p. [52-53].
- Frey cites a specimen reported in B.H. Warren (1890). [However, W. Stone (1898) corrected this information, and until 1965 no Kirtland's Warbler was recorded for Pennsylvania. See F.R. Scott (1965).]
- FRIEDMANN, H. 1929. The Cowbirds: a Study in the Biology of Social Parasitism. Springfield, Ill.: Charles C. Thomas, 421p. [200, 245-246].
- Annotates three citations which contain mention of Cowbird parasitism on Kirtland's Warblers. [See W.B. Barrows (1921), N.F. Leopold, Jr. (1924), and W.A. Strong (1919).]
- FRIEDMANN, H. 1963. Host relations of the parasitic Cowbirds. U.S.

- National Museum, Bulletin no.233, 276p. [assorted].
- Provides a comprehensive study on Cowbird parasitism, including a discussion of Cowbird impact on the Kirtland's Warbler. Discussion is based on H.[F.] Mayfield (1960) and J. Van Tyne (1953).
- FROTHINGHAM, E.H. 1903. Another Kirtland's Warbler from Michigan. Michigan Ornithological Club, Bulletin 4(2):61.
- 15 June 1903, 1 male specimen, western Oscoda Co. Specimen was deposited in the University of Michigan Museum of Zoology.
- FROTHINGHAM, E.H. 1906. Notes on the birds of the Michigan Forest Reserve. Michigan Academy of Science, Report 8:157-161 [160].
- 6-22 July 1904, 2 pairs observed numerous times, Crawford Co.; 3 July 1905, 1 song record [sex unspecified], Crawford Co.; 25 August 1904, 1 male sight record, Roscommon Co.
- FROTHINGHAM, E.H. see also N.A. Wood (1905b).
- GANIER, A.F. 1931. A distributional list of the birds of Tennessee. Tennessee Avifauna no.1, 64p. [35].
- Kirtland's Warbler is listed as a very rare transient. [No specific data provided.]
- GAULT, B.T. 1894. Kirtland's Warbler in northeastern Illinois. Auk 11(3):258.
- 7 May 1894, 1 male specimen, Glen Ellyn, Illinois.
- GAULT, B.T. 1922. Checklist of the Birds of Illinois. Chicago: Illinois Audubon Society, 80p. [74].
- Notes spring records for Glen Ellyn, Illinois; Du Page Co., Illinois; Winnebago Co., Illinois; and Morgan Park, Chicago, Illinois. [No specific data provided.]
- GEFFEN, A.M. 1978. A Birdwatcher's Guide to the Eastern United States. Woodbury: Barron's, 346p. [269,270,271-272].
- Briefly describes areas in which Kirtland's Warblers may be found breeding.
- GEROUDET, P. see N. Simon (1970).
- GIBBS, M. 1879. Annotated list of the birds of Michigan. U.S. Geological Survey of the Territories, Bulletin 5(3):418-497 [484].
- Kirtland's Warbler is listed as a "rare straggler." [No specific data provided.]
- GIBBS, M. 1885. The birds of Michigan. [Continuation.] Forest and Stream 25(1):4-5 [5].
- 15 May 1875, 1 specimen [sex unspecified], Scio, [Washtenaw Co.]; 16 May 1879, 1 specimen [sex unspecified], Scio [Washtenaw Co.]; 11 May 1883, 1 specimen [sex unspecified], Battle creek [Calhoun Co.]. Describes Kirtland's Warbler as an "irregular straggler in our Southern Counties."
- GIBBS, M. 1898. Addition to the avifauna of Kalamazoo County, Michigan. Michigan Ornithological Club, Bulletin 2(1):7.
- [Date unspecified], 1 specimen [sex unspecified], Kalamazoo Co. [See also J. Van Tyne (1939).]
- GIEBEL, C.G. 1875. Thesaurus Ornithologiae. Leipzig: F.A. Brockhaus, 3 vol., 2:603. [Also cited as Nomen. Av. and Nomenclator Ornithologicus.]
- Notes references to early literature descriptions of the Kirtland's Warbler: Sylvicola kirtlandi [sic], S.F. Baird (1852), and J. Cassin (1856); Dendroica kirtlandi, S.F. Baird (1870), and C.J. Sundevall (1869).
- GIFFORD, G.E., JR. 1972. Doctors afield: Dr. Jared Kirtland and his warbler. New England Journal of Medicine 287(18):909-911.
- Contains a description of the discovery of the type specimen.
- GIFFORD, G.E., JR. 1975. The Kirtland of warbler fame. Birding 7(3):121-125 [121,125].
- Kirtland's Warbler is mentioned in a biography of Dr. J.P. Kirtland.
- GIFFORD, G.E., JR. see also C.M. Whorton (1973).
- GODFREY, W.E. 1966. The birds of Canada. National Museum of Canada, Bulletin no.203, (Biological Series no.73), 428p. [339,pl.56].
- Provides description of plumage, lists measurements, and notes range. Gives Canadian status as "rare migrant" in Ontario. Also includes

- color plate of male.
- GOODPASTER, W. 1941. Birds of southwestern Ohio. Cincinnati Society of Natural History, Journal 22(3):6-40 [30].
- May 1872, 1 specimen [sex unspecified], Avondale, Ohio.
- GOODWIN, C.E. 1963. Worth noting. Ontario Naturalist 1(3):23-26 [26].
- 1 June 1963, 1 sight record [sex unspecified], Eastbourne [Ontario].
- GOODWIN, C.E. 1979. Birds last spring. Ontario Naturalist 19(3):44.
- 14-19 May 1979, 1 "dingy male" [status unspecified], Point Pelee, Ontario.
- GOODWIN, H.A. see U.S. Committee on Rare and Endangered Wildlife Species (1968).
- GRAHAM, F., JR. 1977. Endangered birds: tinkering for time. Audubon 79(6):137-141 [139].
- Reports on the Symposium on Management Techniques for Preserving Endangered Birds, held in August 1977 at the University of Wisconsin. Includes a brief description of a paper by H.F. Mayfield. [See H.F. Mayfield (1978).]
- GRAY, G.R. 1869-1909. Handlist of Genera and Species of Birds. Distinguishing Those Contained in the British Museum. London: British Museum (Natural History), 5 vol., 1:24.
- Kirtland's Warbler is listed in the catalog as a desired specimen.
- GREENE, E.R., et al. 1945. Birds of Georgia: a Preliminary Check-list and Bibliography of Georgia Ornithology. Athens: University of Georgia Press (Georgia Ornithological Society, Occasional Publication no.2), 111p. [60].
- 12 April 1902, 1 female specimen, Cumberland Island, Georgia; 16 April 1902, 1 specimen [sex unspecified], Camden Co., Georgia; 14 April 1903, 1 female specimen, Cumberland Island, Georgia; 27 April 1904, 1 male specimen, Cumberland Island, Georgia; possible specimen for St. Mary's Georgia [no specific collection data provided; specimen was sent to a Dr. LaPrade (Tompkins)].
- GREENE, R.F. see Anonymous (1902).
- GREENMAN, D. 1972. Wisconsin's eighth Kirtland's Warbler. In: Gustafson, D., ed. By the Wayside. Passenger Pigeon 34(1):39-44 [40].
- 21 May 1971, 1 sight record [sex unspecified], Redgranite, Wisconsin.
- GREENWAY, J.C., J.R. 1958/1967. Extinct and vanishing birds of the world. First edition (1958): American Committee for International Wild Life Protection, Special Publication no.13, 518p. [36,41-42]; revised edition (1967): New York: Dover, 520p. [36,41-43].
- Contains a brief note concerning the limited breeding range with the opinion that the Kirtland's Warbler is "in no great danger of extinction." The revised edition deletes that opinion.
- GREY, J.H., JR. see C.S. Brimley (1941).
- GRISCOM, L. see J. Van Tyne (1957).
- GROSS, M.E. 1937. Michigan - bird student's paradise. Jack Pine Warbler 15(4):5-12 [7,10-11].
- Reports on a birding trip which included Kirtland's Warbler sightings. [No specific data provided.]
- GROSS, M.E. 1938a. Bird that adopted Michigan. Nature Magazine 31(5):301-302,309.
- Concerns a trip to find the Kirtland's Warbler. Briefly discusses song, nest, and tail wagging habits. Includes black and white photographs of bird [sex unspecified] and habitat.
- GROSS, M.E. 1938b. Kirtland Warbler on migration. Jack Pine Warbler 16(3):28-29.
- 22 May 1938, 3 sight records [sexes unspecified], Ottawa Park near Holland, [Ottawa Co.].
- GROSVENOR, G. see H.W. Henshaw (1937).
- GRUSON, E.S. 1972. Words for Birds: a Lexicon of North American Birds with Biographical Notes. New York: Quadrangle Books, 305p. [237,241].
- Notes the roots of "Dendroica" and provides a brief biography of Dr. J.P. Kirtland.

- GUILFORD, H.M. 1893. Dendroica kirtlandi in Minnesota. Auk 10(1):86.
13 May 1892, 1 male specimen, near Minneapolis, Minnesota.
- GUNN, W.W.H. 1958a. [Regional reports: nesting season June 1 to August 15, 1958:] Ontario-western New York. Audubon Field Notes 12(5):408-410 [410].
- 8 June-30 June 1958, numerous sightings of 1 male, McVicar, Bruce Co. [Ontario].
- GUNN, W.W.H. 1958b. [Regional reports: spring migration April 1 to May 31, 1958:] Ontario-western New York. Audubon Field Notes 12(4):348-352 [351].
- 16 May 1958, 1 sight record [sex unspecified], Toronto, Ontario.
- GUSTAFSON, D. see D. Greenman (1972).
- HALL, G.A. 1972. [Regional reports. The fall migration, August 16, 1971 to November 30, 1971:] Appalachian region. American Birds 26(1):62-66 [65].
- Kirtland's Warbler banded at Powdermill Nature Reserve [Westmoreland Co., Pennsylvania]. [No specific data provided. See also M.H. Clench (1973).]
- HALLIDAY, T. 1978. Vanishing Birds: Their Natural History and Conservation. New York: Holt, Rinehart and Winston, 296p.
Briefly describes plumage, Jack Pine requirements, management efforts, and the Cowbird problem. Includes black and white drawing of birds [sexes unspecified].
- HAMERSTROM, F. see J. Van Tyne, et al. (1942 and 1943).
- HAMERSTROM, F.N., JR. see J. Van Tyne, et al. (1942 and 1943).
- HANSON, D., ed. 1975. In one of its few winning battles.... Audubon 77(5):135.
Reports that the Michigan National Guard was forced to delay tank maneuvers during the warbler mating season. Notes adverse local response to the ban because guardsmen bring business to the Grayling area. [See also K. Horton (1975).]
- HANSON, D., ed. 1976. Just before placing the small bird in the trash.... Audubon 78(1):140.
Notes that a banded warbler was found dead in Westwood, Ohio, during fall migration, 1975. [Specific date and sex unspecified. See also L.H. Walkinshaw (1976a and 1976b).]
- HARGER, E. 1965. Michigan bird survey, summer, 1964. Jack Pine Warbler 43(2):85-93 [92].
- 13 June 1964, 12 males singing, Kalkaska Co.; 16 June 1964, 1 pair with nest [status unspecified], 5 eggs [status unspecified], Kalkaska Co.; 6 June 1964, 4 records [sexes and statuses unspecified], Oscoda Co.
- HARRINGTON, P. 1939. Kirtland's Warbler in Ontario. Jack Pine Warbler 17(4):95-97.
May through July 1916, sight/song records [number unspecified, records did include males], Petawawa Military Camp (near Pembroke, Ontario); 5 June 1939, 1 male sight record, same location. Black and white photographs of male and female (1 each) are included. The male was photographed 15 July 1932, Oscoda Co.; the female was photographed 25 June 1932, Red Oak, Oscoda Co.
- HARRISON, C. 1978. A Field Guide to the Nests, Eggs, and Nestlings of North American Birds. Glasgow: Collins, 416p. [269, pl. 60].
Discusses nest, breeding season, eggs, incubation period, nestling and nestling period, and nest habitat. Includes color plate of egg.
- HARRISON, H.H. 1948. American Birds in Color. New York: W.H. Wise and Co., Inc., 486p. [324, 325].
Briefly describes plumage. Includes black and white photograph of bird [sex unspecified] at nest.
- HATCHER, J.B. 1960. Rare Kirtland's Warbler at Aiken, S.C. Chat 24(4):102-103.
5 October 1960, 1 female sight record, Aiken, South Carolina.
- HAUSMAN, L.A. 1944. The Illustrated Encyclopedia of American Birds. New York: Halcyon House, 541p. [418].
Briefly describes plumage and distribution. Includes black and white drawing of bird [sex unspecified].

- HELLMAYR, C.E. 1935. Catalogue of birds of the Americas. Field Museum of Natural History, Publication no.347 (Zoological Series 13(8)), 541p. [407-408].
- Describes range, and notes general locations for 18 specimens. [No specific data provided.]
- HELME, A.H. 1904. The Ipswich Sparrow, Kirtland's Warbler, and Sprague's Pipit in Georgia. Auk 21(2):291.
- 12 April 1902, 1 female specimen, Cumberland Island, Georgia.
- HENNINGER, W.F. 1906. A preliminary list of the birds of Seneca County, Ohio. Wilson Bulletin 18(2), no.55:47-60 [58].
- 11 May 1906, 2 sight records [sexes unspecified], Seneca Co., Ohio.
- HENNINGER, W.F. and G.A. Kuening. 1908a. All day with the birds. New Bremen, Ohio, May 14, 1908. Wilson Bulletin 20(2), no.63:96-98 [98].
- 14 May 1908, 1 record [sex and status unspecified], New Bremen, Ohio.
- HENNINGER, W.F. 1908b. Bird notes from middle western Ohio. Wilson Bulletin 20(4), no.65:208-210 [209].
- 14 May 1908, 1 sight record [sex unspecified], New Bremen, Ohio.
- HENNINGER, W.F. 1910. Personals: our members here and there. Wilson Bulletin 22(2), no.71:127-128 [128].
- 16 May 1909, 2 specimens [sexes unspecified], Catawba, [Ohio]. One deposited in the collection of N.A. Wood. [Date later reported as 15 May 1909. See W.F. Henninger (1912).]
- HENNINGER, W.F. 1912. Field notes: notes from the Tri-Reservoir Region in Ohio. Wilson Bulletin 24(3), no.80:155-156 [156].
- 15 May 1909, 1 specimen [sex unspecified], Catawba Point, Ohio; originally deposited in N.A. Wood's collection; now returned to W.F. Henninger's collection. [Collection date originally reported as 16 May 1909. See W.F. Henninger (1910).]
- HENSHAW, H.W. and A.A. Allen. 1937. Warblers, friends of our forests. In: Grosvenor, G. and A. Wetmore, eds. 1937. The Book of Birds. Washington, D.C.: National Geographic Society, 2 vol., 2:179-207 [202-203].
- Briefly discusses range, behavior, nest, eggs, and migration dates. Includes color plate of bird [sex unspecified].
- HERRICK, F.H. 1939. The individual vs. the species in behavior studies. Auk 56(3):244-249 [245].
- Discusses the necessity of observing a sufficient quantity of individuals to draw conclusions in behavior studies. However, the author feels that with the Kirtland's Warbler, "a full and exact record of the life history and behavior of a single pair of the Kirtland's Warbler...would fairly represent the prime characteristics of this species as a whole...."
- HIBBARD, S.J. see P.L. Aird (1978).
- HIEMENZ, N. 1980. A 1944 record for the Kirtland's Warbler. Looon 52(3):112.
- 22 May 1944, 1 male sight record, St. Cloud, Minnesota.
- HIETT, L.D. see J. Van Tyne, et al. (1944).
- HOLDEN, F.M. 1960. Wood's search for the type nest of the Kirtland's Warbler. Jack Pine Warbler 38(3):84-102.
- Reports on an effort to pinpoint the exact location from which N.A. Wood collected the type nest. Many excerpts from Wood's journal and notebook are used as documentation. Includes maps of the area, and black and white photograph of "the site of the first nest of the Kirtland's Warbler."
- HOLDEN, F.M. 1964. Discovery of the breeding area of the Kirtland's Warbler. Jack Pine Warbler 42(3):278-290.
- Documents the discovery of the summer range by T.G. Gale and E.H. Frothingham. The male specimen, taken in Crawford Co. on 15 June 1903, convinced Wood to make the trip on which he discovered the type nest. [See F.M. Holden (1960) and N.A. Wood (1904).]
- HOLLISTER, N. see L. Kumlien (1903 and 1951).
- HORTON, K., [J.] 1975. Warblers and dollars. Michigan Audubon Newsletter 23(3):1.
- In response to a complaint of a Grayling, Michigan merchant, Horton explains the Kirtland's Warbler birders do bring tourist money to

- Grayling, but because they are not dressed in uniforms, they may not be visible. He stresses, however, that the intrinsic value of the Kirtland's Warbler is more than financial. [See also D. Hanson (1975).]
- HORTON, K.J. see also Anonymous (1977a).
- HOWELL, A.H. 1924/1928. Birds of Alabama. Montgomery: Alabama Department of Game and Fisheries in cooperation with the U.S. Department of Agriculture, Bureau of Biological Survey, 384p. [305-306].
- 10 May 1908, 1 sight record [sex unspecified], Woodbine, Alabama. A brief description of habits is also included.
- HOWELL, A.H. 1932. Florida Bird Life. New York: Coward-McCann and the Florida Department of Game and Fresh Water Fish in cooperation with the U.S. Department of Agriculture, Bureau of Biological Survey, 579p. [406-407].
- Presents 5 Florida records through 1918. Also includes a brief discussion of field identification marks, distribution in Florida, and "haunts and habits."
- HOXIE, W. 1886. Kirtland's Warbler on St. Helena Island, South Carolina. Auk 3(3):412-413.
- 27 April 1886, 1 male specimen, St. Helena Island, South Carolina; 3 May 1886, 3 sight records [sexes unspecified], St. Helena Island, South Carolina. Habitat and behavior for May sightings are discussed briefly. Specimen was deposited in the collection of W.W. Worthington, Shelter Island, N.Y.
- HOXIE, W.J. see W.G. Fargo (1934).
- HOY, P.R. 1852. Notes on the ornithology of Wisconsin. Wisconsin State Agricultural Society, Transactions 2:341-364. [349].
- 20 May 1853 [sic], 1 sight record [sex unspecified], Racine, Wisconsin.
- HUGHES-SAMUEL, I. see I.H. Samuel (1900).
- HUGHES-SAMUEL, J. see I.H. Samuel (1900).
- HUNDLEY, M.H. 1967. Recent wintering records of the Kirtland's Warbler. Auk 84(3):425-426.
- Reviews all Bahama records, 1870-1957, and details dates and locations for 1959-1966 sight records. Also notes vegetation types in which birds were seen.
- HUSSONG, C. 1956. Kirtland's Warbler in Door County [Wisconsin]. In: Lound, M. and R. Lound, eds. 1956. By the wayside.... Passenger Pigeon 18(3):120-124 [122-123].
- 20 May [1956], 1 sight record [sex unspecified], near Fairland, Wisconsin (25 miles northeast of Green Bay).
- INGERSOLL, E. 1882. [A History of] Nests and Eggs of American Birds. Salem, Mass.: S.E. Cassino, 160p. [pt.7].
- Notes only that eggs and nest have not yet been discovered.
- INTERNATIONAL UNION FOR CONSERVATION OF NATURE AND NATURAL RESOURCES, SURVIVAL SERVICES COMMISSION. 1966. Red Data Book, Volume 2. Aves, compiled by J. Vincent. Lausanne (Switzerland): IUCN, 360p. approx. [2/261].
- Briefly outlines population status and protective measures being taken.
- JAMES, R.D., P.L. McLaren, and J.C. Barlow. 1976. Annotated checklist of the birds of Ontario. Royal Ontario Museum, Life Sciences Miscellaneous Publication [unnumbered], 75p. [45].
- Kirtland's Warbler is noted as a former resident, [now] occasional as a very rare migrant in the south. Dates (10 May - 12 July) and general range in the province are provided.
- JASPER, T. see J.H. Studer (1881).
- JENNESS, P.M. 1925. Kirtland's Warbler in North Carolina. Bird Lore 27(4):252-253.
- 5 May 1925, 1 male and 1 female sight records, Gaffney, South Carolina. [Note: title as stated.]
- JENNINGS, A.H. 1888. List of birds observed at New Providence, Bahama Islands, March-June, 1887. Johns Hopkins University, Circulars 7(63):39.
- Kirtland's Warbler is included on list. [No specific data provided.]

According to F.M. Chapman (1899), the record is based on 8 specimens.]

JOHNSON, D.H. 1979. Estimating nest success: the Mayfield method and an alternative. *Auk* 96(4):651-661.

Kirtland's Warbler data are used in a critique of and revision of H.F. Mayfield's method of calculating nest success. [See also H.F. Mayfield (1961b and 1975b).]

JONES, L. 1895. Record of the work of the Wilson Chapter for 1893 and 1894, on the Mniotiltidae. *Wilson Bulletin* 7, no.4:1-2 [14,20]

25 May 1894, [number, sex, and status unspecified], Winnebago Co., Illinois. [See B.T. Gault (1894).]

JONES, L. 1900a. Kirtland's Warbler (*Dendroica kirtlandi*) at Oberlin, Ohio. *Wilson Bulletin* 12(3), no.32:1-2.

7 May 1900, 1 sight/song record [sex unspecified], Oberlin, Ohio;
9 May 1900, 1 song record and 1 specimen [sexes unspecified], Oberlin, Ohio. Provides song description.

JONES, L., ed. 1900b. Warbler songs. *Wilson Bulletin* [12(1), no.30]:1-57 [46].

Provides brief descriptions of the song, and of the geographical range.

JONES, L. 1902. Kirtland's Warbler (*Dendroica kirtlandi*) again in Ohio. *Wilson Bulletin* 14(3):104-105.

28 August 1902, 2 sight records [sexes unspecified], in Ohio opposite Ashland, Kentucky.

JONES, L. 1903. The birds of Ohio: a revised catalog. Ohio State Academy of Science, Special Papers no.6, 241p. [185].

Nine Ohio records through 1902 are listed.

JONES, L. 1904a. "Discovery of the breeding area of Kirtland's Warbler." *Wilson Bulletin* 16(2), no.47:63-64.

Reviews N.A. Wood (1904).

JONES, L. 1904b. "The migration route of Kirtland's Warbler." *Wilson Bulletin* 16(2), no.47:64.

Reviews C.C. Adams (1904).

JONES, L. 1904c. Spring migration in Lorain County, O., 1904. *Wilson Bulletin* 16(2), no.47:55-57 [57].

Kirtland's Warbler is recorded for Lorain Co., Ohio. [No specific data provided.]

JONES, L. 1906. Some noteworthy Lorain County records for 1906. *Wilson Bulletin* 18(2), no.55:74-75 [75].

2 May 1906, 1 sight record [sex unspecified]; Lorain Co., Ohio.

JONES, L. 1910. The birds of Cedar Point and vicinity. [Continuation.] *Wilson Bulletin* 22(2), no.71:97-115 [114].

9 May 1900, 1 song record [sex unspecified]; 11 May 1900, 1 song record and 1 individual "captured"; 2 May 1906, 1 singing male [status unspecified]. All records were from the Oberlin quadrangle of Ohio.

JONES, L. 1914. Nineteen years of bird migration at Oberlin, Ohio. *Wilson Bulletin* 26(4), no.89:198-205 [203].

Provides "median" arrival date (May 6), and earliest sight record (2 May 1906). Data are based on three records only. [No further data on records provided.]

JONES, L. 1917. A season of abundance of birds in central Ohio. *Wilson Bulletin* 29(3), no.100:166.

21,22,23 May 1917, sight record(s) [numbers and sexes unspecified], Columbus, Ohio vicinity.

JONES, L. see also Anonymous (1903b, 1904b, and 1904c).

JORDON, D.S. 1876/1929. *Manual of Vertebrate Animals of the Northeastern United States*. 1876 edition: Chicago: Jansen, McClurg and Co., 342p. [66]. 1929 edition: New York: World Book, thirteenth edition, 446p. [354].

Both editions: provide a very brief physical description, and a note concerning range.

KEAST, A. see J.W. Terbough (1980).

- KELLEY, A.H. 1966. Michigan bird survey, fall 1965. Jack Pine Warbler 44(1):30-35 [30,34].
- 24 September 1965, 1 immature male banded, Bloomfield Hills [Oakland Co.].
- KELLEY, A.H. 1967. Michigan bird survey, summer 1967. Jack Pine Warbler 45(4):112-116 [114].
- Early July 1967, 6 nests including 2 parasitized [status and parasites not specified], Crawford Co.
- KELLEY, A.H. 1969a. Michigan bird survey, spring, 1969. Jack Pine Warbler 47(3):91-98 [96].
- 10 May 1969, 1 "pair" sighted, Erie Game Area, Monroe Co.
- KELLEY, A.H. 1969b. Michigan bird survey, summer 1969. Jack Pine Warbler 47(4):126-131 [128].
- 26-29 June 1969, 9 nests parasitized by Cowbirds "found," Crawford Co.
- KELLEY, A.H. 1970. Michigan bird survey, summer 1970. Jack Pine Warbler 48(4):97-103 [100].
- [Date unspecified], 18 nests ("most" parasitized by Cowbirds) [status unspecified], Crawford Co.
- KELLEY, A.H. 1971. Michigan bird survey, summer 1971. Jack Pine Warbler 49(4):115-124 [121].
- 1971, 62 males song records and 16 nests (9 parasitized by Cowbirds) "found," Crawford, Co.
- KELLEY, A.H. 1974a. Michigan bird survey, fall 1973. Jack Pine Warbler 52(1):33-43 [40].
- 7 August 1973, 1 immature [sex and status unspecified], Davisburg, Oakland Co.
- KELLEY, A.H. 1974b. Michigan bird survey, summer 1974. Jack Pine Warbler 52(4):180-189 [187].
- Notes that the 1974 census showed "an alarming decrease" in population size.
- KELLEY, A.H. 1978. Birds of southeastern Michigan and southern Ontario. Cranbrook Institute of Science, Bulletin no.57, 99p. [74].
- 10 May 1953, 1 male sight record, Pt. Pelee, Ontario; 10 May 1959, 1 individual banded [sex unspecified], Pt. Pelee, Ontario; 24 September 1965, 1 immature male banded, Cranbrook Institute [Oakland Co.]; 7 August 1973, 1 sight record [sex unspecified], near Davisburg, Oakland Co.
- KELLS, W.L. 1901. Two new warblers to Canada. Ottawa Naturalist 14(12):230-234 [230-231].
- 16 May 1900, 1 specimen [sex unspecified], Toronto, Ontario. Provides a brief physical description, and refers to E. Coues (1884), R. Ridgway (1884), and A. J. Cook (1893).
- KEMSIES, E. and W. Randle. 1953. Birds of Southwestern Ohio. Ann Arbor: Edwards Brothers, 74p. [46].
- May 1872, [number, sex, and status unspecified], Avondale, Ohio.
- KENAGA, E.E. 1956. Birding in the Saginaw Bay area. Jack Pine Warbler 34(2):38-56 [40,53].
- Kirtland's Warbler is listed for the AuSable and Hale areas of Iosco Co. Maps are provided. Occurrence dates (May 17-7) and nesting dates (June 10-18) are also given.
- KENAGA, E.E. 1959. Michigan bird survey, spring, 1959. Jack Pine Warbler 37(4):152-158 [157].
- 11 May 1959, 1 record [sex and status unspecified], Grand Beach [Berrien Co.]; 22 May 1959, 1 record [sex and status unspecified], Grayling [Crawford Co.]; 28 May 1959, 1 record [sex and status unspecified], Kalkaska Co.
- KENAGA, E.E. 1960. Michigan bird survey, spring, 1960. Jack Pine Warbler 38(4):148-154 [152].
- 21 May 1960, 12 records [sexes and statuses unspecified], Clear Lake, Montmorency Co.; 22 May 1960, 6 song records [sexes unspecified], Grayling [Crawford Co.]; 27 May 1960, 1 banding record [sex unspecified], Grand Beach [Berrien Co.]; 28 May 1960, 3 records [sexes and statuses unspecified], Oscoda Co.
- KENAGA, E.E. 1961. Michigan bird survey, summer, 1960. Jack Pine Warbler 39(1):55-59 [58].

- 11 June 1960, 1 record [sex and status unspecified], nest and 4 eggs, Kalkaska Co.; 19 June 1960, 1 record [sex and status unspecified], nest and 4 eggs, Kalkaska Co.; 25 June 1960, 1 record [sex and status unspecified], nest, 1 egg and 3 young, Kalkaska Co.; 4 July 1960, 12 records [sexes and statuses unspecified except for the designation: "one pair nesting"], Grayling [Crawford Co].
- KENAGA, E.E. 1962. Michigan bird survey, summer, 1961. Jack Pine Warbler 40(2):57-61 [59].
- 25 August 1916, 1 record [sex and status unspecified], Oscoda Co.
- KEYSER, L.S. 1891. Bird-dom.. Boston: Lothrop Co., 226p. [63-65].
- Book on "joys of birding"; includes 1 sight/song record. [No specific data provided.]
- KIRKPATRICK, J. see Anonymous (1860).
- KIRKWOOD, F.C. 1895. A list of the birds of Maryland. Maryland Academy of Sciences, Transactions n.s. 1:241-381 [356].
- 25 September 1887, 1 specimen [sex unspecified], Fort Myer, Virginia. No Maryland records are included.
- KLEEN, V.M. 1980. [The changing seasons: spring migration, 1980....] middlewestern prairie region. American Birds 34(5):781-785 [784].
- 21 May 1980, 1 female banded, Magee Marsh Wildlife Area, Ohio.
- KUENNING, G.A. see W.F. Henninger (1908a).
- KUMLIEN, L. and N. Hollister. 1903. Birds of Wisconsin. Wisconsin Natural History Society, Bulletin n.s. 3(1-3):1-143 [133-134]. [Also cited as volume 2; volume number was misprinted on issue.]
- 20 May 1853, 1 sight record [sex unspecified], Racine, Wisconsin; 24 May 1893, 1 sight record [sex unspecified], Lake Koshkonong, Wisconsin. Kirtland's Warbler is included on the hypothetical list for Wisconsin.
- KUMLIEN, L. and N. Hollister. 1951. Birds of Wisconsin, revised by A.W. Schorger. Madison: Wisconsin Society for Ornithology, Inc., 122p. [117-118].
- 19 May 1917, 1 sight record [sex unspecified], Madison, Wisconsin;
- [date unspecified], 1 sight record [sex unspecified], Appleton, Wisconsin; 23 May 1946, 1 sight record [sex unspecified], Rhinelander, Wisconsin.
- LANDIS, L. 1972. Trouble for Michigan's bird of fire. Audubon 74(1):34-35.
- Provides a brief overview of the Kirtland's Warbler population status, and of management efforts. Includes 2 color photographs of male and female, nest and nestling.
- LANE, J. 1975. Kirtland's Warbler in Mexico. American Birds 29(1):144.
- 11 November 1974, 1 male, and 1 female or juvenile sight records, 20 miles south of Veracruz, Mexico. Describes habitat in which birds were sighted.
- LANGDON, F.W. 1877. A Catalogue of the Birds of the Vicinity of Cincinnati, with Notes. Salem, Mass.: The Naturalist's Agency, 18p. [6].
- [Date unspecified], [number, sex, and status unspecified], Avondale, Ohio.
- LANGDON, F.W. 1879. A revised list of Cincinnati birds. Cincinnati Society for Natural History, Journal 1:167-193 [172].
- May 1872, [number, sex, and status unspecified], Avondale, [Ohio].
- LANGDON, F.W. 1880. Ornithological field notes, with five additions to the Cincinnati avifauna. Cincinnati Society for Natural History, Journal 3:121-127 [123].
- 4 May 1880, 1 male specimen, near Cleveland, Ohio; 12 May 1880, 1 female specimen, near Cleveland, Ohio. [For a review, see J.A. Allen (1880).]
- LANGILLE, J.H. 1884/1892. Our Birds in their Haunts: A Popular Treatise on the Birds of Eastern North America. First edition (1884): Boston: S.E. Cassino, 624p. [593]; second edition (1892): New York: Orange Judd, 630p. [593].
- Provides a brief plumage description and notes on the general collection locations of 5 early specimens.
- LAWRENCE, G.N. see S.F. Baird, et al. (1870).

- LEBERMAN, R.C. and M.H. Clench. 1972. Bird-banding at Powdermill, 1971; and ten years reviewed. [Carnegie Museum.] Powdermill Nature Reserve, Research Report no.30, 42p. [3,10,36].
- 21 September 1971, 1 immature banded, 3 miles south of Rector, Westmoreland Co., Pennsylvania. Notes continued sightings through 2 October 1971 of same individual.
- LEBERMAN, R.C. see also K.C. Parkes (1971).
- LEOPOLD, N.F., JR. 1924. The Kirtland's Warbler in its summer home. Auk 41(1):44-58.
- Describes Leopold's attempts to find the Kirtland's Warbler in 1922 and 1923. Includes various records and fully detailed descriptions of song, behavior, nest, habitat, hand feeding of adult male and nestling, food, and the Cowbird problem. Also includes black and white photographs of adult male, nest, young and eggs.
- LEOPOLD, N.F., JR. see also D.S. Middleton (1966a).
- LEWY, A. and K.E. Bartel. 1943. Seney National Wildlife Refuge. [Illinois] Audubon Bulletin no.48:11-16 [15].
- August 1943, 1 possible sight record [sex unspecified], Seney National Wildlife Refuge [Schoolcraft Co.].
- LINE, L.D. 1964. Bird worth a forest fire. Audubon Magazine 66(6):370-375.
- Provides a history of human interaction with the Kirtland's Warbler, and of management efforts through 1964. Includes color photograph of male, and black and white photographs of female, nest with eggs, controlled burns, Jack Pine cones and seeds, and a Cowbird [sex unspecified].
- LINE, L.D. 1965. Bird of fire. Michigan Conservation 34(3):12-16.
- Describes Frothingham's and Gale's trip and Wood's trip to find Kirtland's Warbler breeding areas. Includes black and white photographs of 2 birds [sexes unspecified], and nest with eggs. [See also F.M. Holden (1960) and N.A. Wood (1904).]
- LINE, L.[D.] 1972. Trouble for Michigan's bird of fire. Audubon 74(1):34-35.
- Provides a brief history of management efforts. Includes color photograph of male, and of pair at nest with young.
- LINE, L.[D.] see also Michigan Audubon Society (n.d.).
- LOEWE, G. 1976. Robin versus the Kirtland's Warbler. Goldeneye 15(4):1-6.
- Details efforts to have the Kirtland's Warbler declared Michigan's official state bird. Also provides a history of human interaction with the species.
- LOEWENSTEIN, B., ed. 1978. Decline of about ten per cent found in Kirtland's Warbler. Michigan Department of Natural Resources, News [Release] 29 June 1978, 2p.
- Reports on the 1978 census. [For details, see L.A. Rye (1978b).]
- LOOMIS, L.M. 1889. A rare bird in Chester Co., South Carolina. Auk 6(1):74-75.
- 11 October 1888, 1 specimen [sex unspecified], Chester Co., South Carolina.
- LOOMIS, L.M. 1891. A further review of the avian fauna of Chester Co., South Carolina. Auk 8(1):49-59, 8(2):167-173 [52,53,171].
- Discusses the "trans-Appalachian movement" of several birds through Chester Co., South Carolina, including the Kirtland's Warbler.
- LOUND, M. see C. Hussong (1956).
- LOUND, R. see C. Hussong (1956).
- LOWERY, G.H., JR. see R.A. Paynter, Jr. (1968).
- LUPIENT, M. 1951. Seasonal report. Flicker 23(3):50-53 [51].
- Mid-May 1951, 1 questionable ("what he believed to be") sight record [sex unspecified], St. Paul, Minnesota.
- MACKENZIE, J.P.S. 1977. Birds in Peril. Toronto: Pagurian Press, 192p. [159-168].
- Discusses history of human interaction, life cycle, population

decline, management efforts, and censuses. Includes black and white drawing of bird [sex unspecified].

MACOUN, J. 1900. Catalogue of Canadian birds. Geological Survey of Canada, [Publication] no.692, 733p. [622-623].

16 May 1900, 1 specimen [sex unspecified], [location unspecified]. [See I.H. Samuel (1900).]

MACOUN, J. and J.M. Macoun. 1909. Catalogue of Canadian birds. Canada Department of Mines, Geological Survey Branch, [Publication] no.973, 761p. [652-653].

16 May 1900, 1 specimen [sex unspecified], [location unspecified]. [See I.H. Samuel (1900).]

MACOUN, J.M. see J. Macoun (1909).

MAHAN, H.D. 1963. Michigan bird survey, summer, 1962. Jack Pine Warbler 41(2):75-79 [77].

10 June 1962, 4 records [sexes and statuses unspecified], Kalkaska Co.; 23,24 June 1962, 9 individuals banded [sexes unspecified], Kalkaska Co. and Ogemaw Co.; 30 June 1962, 4 records [sexes and statuses unspecified], Roscommon Co.; 7 July 1962, 4 records [sexes and statuses unspecified], Roscommon Co.

MAIN, A.K. 1925. Bird Companions. Boston: Gorham Press, 287p. [282].

Discusses the birds of Wisconsin; Kirtland's Warbler appears on the list of occasionally seen birds. [No specific data provided.]

MARKS, C.F. and H.F. Wright. 1950. Spring flight. Indiana Audubon Quarterly 28(3):64-76 [73].

14 May 1950, 1 record [sex and status unspecified], Hamilton Co., Indiana; 21 May 1950, 1 record [sex and status unspecified], Randolph Co., Indiana.

MARTIN, J.W. see Anonymous (1901a and 1901b).

MASLOWSKI, K.[H.] and R. Dury. 1931. Catalogue of the Charles Dury Collection of North American birds. [Cincinnati] Junior Society of Natural Sciences, Proceedings 2(4):67-107 [95].

Lists catalogue item no.644 as: 4 May 1892, 1 male specimen, Avon-

date, Ohio.

MATTSSON, J.P. see W.F. Shake (1975).

MAY, J.B. see E.H. Forbush (1939).

MAYFIELD, H.[F.] 1953. A census of the Kirtland's Warblers. Auk 70(1):17-20.

Reports on the first census which was undertaken in June, 1951, with 432 males recorded for 8 Michigan counties. Includes an analysis of nesting habitat and a discussion of a "colony nesting" preference.

MAYFIELD, H.[F.] 1960. The Kirtland's Warbler. Cranbrook Institute of Science, Bulletin no.40, 242p.

Provides extensive discussion on all aspects of Kirtland's Warbler biology, and management techniques researched through 1960. It is the major source available. Includes color plate of male, female and young, black and white photographs of males, females, young, nest, eggs, and habitat, and maps of range and migration routes.

MAYFIELD, H.F. 1961a. Cowbird parasitism and the population of the Kirtland's Warbler. Evolution 15(2):174-179.

Discusses Kirtland's Warbler population status before Cowbird control was undertaken. Includes map showing ranges of the Kirtland's Warbler and the Jack Pine.

MAYFIELD, H.[F.] 1961b. Nesting success calculated from exposure. Wilson Bulletin 73(3):255-261.

Explains a technique for analysis of nesting success, intended for use when comparatively few nests are found before the start of incubation, or for which the outcome is unknown. The examples make use of Kirtland's Warbler data.

MAYFIELD, H.F. 1961c. Vestiges of a proprietary interest in nests by the Brown-headed Cowbird parasitizing the Kirtland's Warbler. Auk 78(2):162-166.

Seven suggestions of "proprietary interest" are discussed. Also includes a discussion of documented incidents of parasitism.

MAYFIELD, H.[F.] 1962a. 1961 decennial census of the Kirtland's Warbler. Auk 79(2):173-182.

Report of the 1961 census in which 502 males were counted in 12 Michigan counties. Also included are descriptions of the census methods, Kirtland's Warbler habitat, population trends, and a comparison of 1951 and 1961 census data. Includes map of Michigan townships where Kirtland's Warblers have been known to nest.

MAYFIELD, H. [F.] 1962b. Barrow's account of the Kirtland' Warbler in 1920. *Jack Pine Warbler* 40(1):2-9.

Publishes excerpts from an oral paper presented to the American Ornithologists' Union, 10 November 1920, in Washington, D.C. by W.B. Barrows. The paper discusses his field trips to study the Kirtland's Warbler on its breeding grounds, and includes comments on habitat, behavior, and Cowbird parasitism. [For locality records as a result of travels mentioned above, see W.B. Barrows (1921).]

MAYFIELD, H.F. 1963a. Establishment of preserves for the Kirtland's Warbler in the state and national forests of Michigan. *Wilson Bulletin* 75(2):216-220.

Discusses possible reasons for small population size, and the history of management areas. Includes black and white photograph of habitat.

MAYFIELD, H. [F.] 1963b. First preserve for a songbird... milestone in conservation. *Florida Naturalist* 36(4):113-115.

Discusses human interaction with the species, and management efforts through 1963. Includes black and white photographs of bird [sex unspecified], and habitat.

MAYFIELD, H. [F.] 1964. Public ceremonies recognize Kirtland's Warbler in Michigan. *Jack Pine Warbler* 42(2):249-250.

Two ceremonies are described, and the importance of public awareness is discussed.

MAYFIELD, H. [F.] 1965a. The Brown-headed Cowbird, with old and new hosts. *Living Bird* 4:12-28 [23-24].

Kirtland's Warbler is included in a description of host species.

MAYFIELD, H. [F.] 1965b. Chance distribution of Cowbird eggs. *Condor* 67(3):257-263 [258-262].

Kirtland's Warbler is included in a sample of host nests.

MAYFIELD, H.F. 1965c. A forest burns to save a bird. *Animals* [Great

Britain] 7(17):470-473.

Discusses Kirtland's Warbler life history, and management efforts. Includes range map, and color photographs of bird [sex unspecified], habitat, nest, and managed burn.

MAYFIELD, H. [F.] 1965d. In Kirtland's Warbler country. In: Pettin-gill, O.S., Jr., ed. 1965. The Bird Watcher's America. New York: McGraw Hill, pp.406-414.

Provides a poetic description of the "Jack-Pine Barrens" and the birds to be found there. Includes black and white drawing of bird [sex unspecified].

MAYFIELD, H.F. 1965e. Jared Potter Kirtland, Pioneer Ornithologist of Ohio. Columbus: Ohio Historical Society, 8p. [3-4].

Provides an expanded version of the taking of the type specimen in a biography of J.P. Kirtland. Includes black and white illustration of bird [sex unspecified].

MAYFIELD, H.F. 1972a. Third decennial census of Kirtland's Warbler. *Auk* 89(2):263-268.

Reports on results of 1971 census in which 201 males were counted in 7 Michigan counties. Compares 1971 data with 1951 and 1961 results, and discusses probable causes of population decline. Outlines steps to be taken to preserve population. Includes map of breeding grounds.

MAYFIELD, H.F. 1972b. Winter habitat of Kirtland's Warbler. *Wilson Bulletin* 84(3):347-349.

Discusses various Bahama records, and describes habitats.

MAYFIELD, H.F. 1973a. Census of Kirtland's Warblers in 1972. *Auk* 90(3):684-685.

Discusses results of 1972 census, and the probable effects of Cowbird parasitism on population size.

MAYFIELD, H.F. 1973b. Kirtland's Warbler census, 1973. *American Birds* 27(6):950-952.

Summarizes census activity through 1973, notes habitat requirements, and discusses Cowbird problem. Includes map of breeding grounds.

MAYFIELD, H.F. 1974. Rare and endangered species in the Lake States:

the Jack-Pine Warbler. American Forests 80 (9):44-45.
Provides a general description of Kirtland's Warbler life history, and of management efforts. Includes black and white photograph of bird [sex unspecified].

MAYFIELD, H.F. 1975a. The numbers of Kirtland's Warblers. Jack Pine Warbler 53 (2):39-47.

Discusses Kirtland's Warbler population size from "prehistoric times" through the present; also addresses Cowbird control, and survival during migration and on wintering grounds. Includes black and white photograph of bird [sex unspecified].

MAYFIELD, H.F. 1975b. Suggestions for calculating nest success. Wilson Bulletin 87 (4):456-466 [459-460].
Explains method for calculating nest success using examples based on Kirtland's Warbler data. [See also D.H. Johnson (1979).]

MAYFIELD, H.F. 1977a. Brown-headed Cowbird: agent of extermination? American Birds 31 (2):107-113 [110-113].

Discusses the impact of Cowbird parasitism on the Kirtland's Warbler. Includes color photograph of bird [sex unspecified].

MAYFIELD, H.F. 1977b. Rescuing a warbler. Michigan Out-of-Doors 31 (6):63-64.

Discusses limits of nesting range, and Cowbird parasitism.

MAYFIELD, H.F. 1978. Brood parasitism: reducing interactions between Kirtland's Warblers and Brown-headed Cowbirds. In: Temple, S.A., ed. Threatened Species: Management Techniques for Preserving Endangered Species. Proceedings of the Symposium on Management Techniques for Preserving Endangered Birds, 17-20 August 1977, Madison, Wisconsin. Madison: University of Wisconsin Press, pp. 85-91, pl. 12.

Summarizes results of the Cowbird control program for the Kirtland's Warbler. Notes that parasitism of nests "has been reduced to negligible levels" and that production of young "has been higher than that reported for any other North American warbler." Speculates on possible reasons for the slow recovery of the species. Includes map of Kirtland's Warbler habitat.

MAYFIELD, H.F. 1979. James A. Parmalee: eyewitness to Kirtland's Warbler discovery in Michigan. Jack Pine Warbler 57 (3):133-134.

Discusses Parmalee's role as a guide for E.H. Frothingham and T.G. Gale, and for N.A. Wood on their trips during which the breeding area of the Kirtland's Warbler was discovered.

MAYFIELD, H.F. see also American Ornithologists' Union (1977).

MAYFIELD, H.F. see also J. Van Tyne (1944).

MAYNARD, C.J. 1881/1896. The Birds of Eastern North America. Newtonville, Mass.: C.J. Maynard & Co., first edition (1881), 532p. [508, pl. 17]; revised edition (1896), 721p. [592-596, pl. 17, pl. 21].

1881 edition: provides a physical description, and notes the 5 specimens known through 1881. Includes color plate of female. 1896 edition: provides an extremely detailed physical description, and discusses Maynard's encounters with the Kirtland's Warbler in the Bahamas (26 records for Nassau, New Providence, and 1 record for Southern Bight, Andros are included). Includes color plates of male and female.

MAYNARD, C.J. 1884. A New Catalog of Bird's Skins, Nests, and Eggs Obtained on the Bahamas by C.J. Maynard. [Published by the author; reference not verified.]

A sales catalog described in Auk 2 (1):115 (1885). The article deplores the fact that the catalog includes a description of a species of woodpecker. It states that Maynard secured a "fine series of several rare species" [including Kirtland's Warbler(s)], and that he plans to publish "A Naturalist in the Bahamas" which will, hopefully, include this information. The catalog is also noted in: Batchelder, C.F. 1951. A bibliography of the published writings of Charles Johnson Maynard [1845-1929]. Society for the Bibliography of Natural History, Journal 2 (7):227-260 [235]. Batchelder notes that the catalog was issued by C.J. Maynard in 1884.

MAYNARD, C.J. 1890. Eggs of North American Birds. Boston: DeWolfe, Fiske and Co., 159p. [no. 670].

Notes that eggs and breeding grounds are unknown. Speculates that "it may occasionally nest in Michigan and other states of this region."

MAYNARD, C.J. 1899. American warblers. Nature Study in Schools 1 (4):85-92 [91-92].

Kirtland's Warbler is included in a key to warblers.

- MAYNARD, C.J. 1907. see C.J. Maynard (1918).
- MAYNARD, C.J. 1918. Directory to the Birds of Eastern North America. West Newton, Mass.: C.J. Maynard, 326p. [243-244]. [Title page says 1907; actually published in 1918 per author's note.]
- Provides brief plumage description and notes concerning habits for Agreocantor kirtlandi, Kirtland's Warbler. Includes black and white drawing of bird [sex unspecified].
- MAYNARD, C.J. see also J.W. Sherman (1917).
- MAYNARD, C.J. see also N.A. Wood (1916).
- MCCABE, T.T. 1938. Song of the Kirtland's Warbler. [Review.] Bird Banding 9(4):214-215.
Provides a short review of H.H. Axtell (1938).
- MCCLANAHAN, R.C. 1935. Fifty years after. Florida Naturalist o.s. 14(4), n.s. 8(4):53-59 [56].
- 26 April 1934, 1 record [sex and status unspecified], Gainesville, Florida.
- MCCLANAHAN, R.C. 1936. Annotated list of the birds of Alachua County, Florida. Florida Academy of Sciences, Proceedings 1:91-102 [100].
- 26 April 1934, 1 sight record [sex unspecified], Bivan's Arm, Florida.
- MCKEATING, G. see D. Chamberlain (1978a).
- MCKENZIE, P.M. 1973. Kirtland's Warbler sighted in Somerset County [Pennsylvania]. Audubon Society of Western Pennsylvania, Bulletin 37(7):10.
26 August 1972, 1 male, sight record, Wellersburg, Pennsylvania.
- MCLAREN, P.L. see R.D. James, et al. (1976).
- MCKWHIRTER, D.W. 1979. Michigan bird survey, summer 1979. Jack Pine Warbler 57(4):201-206 [205].
Notes results of the 1979 census during which 201 males were counted.
- MENGEL, R.M. 1964. The probable history of species formation in some northern wood warblers (Parulidae). Living Bird 3:9-43 [28, 30].
Briefly speculates on the Kirtland's Warbler's relictual distribution. Includes color plate of bird [sex unspecified]. [See also K.H. Voous (1977).]
- MERRIAM, C.H. 1885. Kirtland's Warbler from the Straits of Mackinac. Auk 2(4):376.
21 May 1885, 1 male specimen (lighthouse kill), Spectacle Reef [Mackinac Co.]. [For commentary, see F.M. Chapman (1898).]
- MERRIAM, C.H. see also W.W. Cooke (1888).
- MESSNER, C.J. and H.W. Messner. 1948. Where to find some of Michigan's uncommon birds. Jack Pine Warbler 26(1):3-15 [7, 9].
Describes areas in which Kirtland's Warblers could be seen.
- MESSNER, C.J. see also D.W. Douglass (1952).
- MESSNER, H.W. see C.J. Messner (1948).
- MICHIGAN AUDUBON SOCIETY. [n.d.] Jack Pine Warbler Story. [Kalamazoo: Michigan Audubon Society], 8p.
Reprints L. Line's (1964) article. Includes additional color photographs of bird [sex unspecified], and managed burn.
- [MICHIGAN] DEPARTMENT OF NATURAL RESOURCES. [n.d.] Michigan's Endangered and Threatened Species Program. [Lansing: Michigan Department of Natural Resources], 30p. [1, 3, 13-15].
Includes a description of the program, a copy of the supportive legislation, and an annotated list of species. Describes the Kirtland's Warbler census program, habitat, and recovery efforts.
- MIDDLETON, D.S. 1961. The summering warblers of Crawford County, Michigan. Jack Pine Warbler 39(1):34-50 [43-45].
Discusses the Kirtland's Warbler population status in Crawford Co. through 1960. Includes black and white photograph of Jack Pine growth which is beyond the appropriate size for nesting habitat.

MIDDLETON, D.S. 1966a. Michigan's world famous warbler. Cranbrook Institute of Science, News letter 35 (8):cover,98-100.

Comments on a "habitat group" of Kirtland's Warblers donated by N.F. Leopold. The group consists of a male, female, nest and 4 young collected in June 1923, in Losco Co. Includes black and white photograph of the display.

MIDDLETON, D.S. 1966b. Michigan's world famous warbler. Jack Pine Warbler 44(2):54-56.

Reprints D.S. Middleton (1966a).

MONROE, B.L., JR. see R.A. Paynter, Jr. (1968).

MOONEY, E.C. 1974. The perils of Kirtland's Warbler. Defenders of Wildlife 49(6):494-496.

Discusses population status and management efforts since 1951.

MORTON, E.S. see J.W. Terbough (1980).

MOYER, L.B. 1908. Song of Kirtland's Warbler. Bird Lore 10(6):264.

16 May 1908, 1 sight record [sex unspecified], LaGrange, Illinois. Includes song description.

MULVHILL, B. 1974. Kirtland's Warbler sighted in Somerset County [Pennsylvania]. Audubon Society of Western Pennsylvania, Bulletin 39(3):6.

22 September 1974, 1 sight record [sex unspecified], Stoughton Lake, Jennerstown [Pennsylvania].

MURRAY, J.J. 1952. A Check-List of the Birds of Virginia. [Location unspecified:] Virginia Society of Ornithology, 113p. [95].

28 September 1887, 1 specimen [sex unspecified], Fort Myer, Virginia; "1 week later," 1 sight record [sex unspecified], Fort Myer, Virginia.

MUSSELMAN, T.E. 1921. A history of the birds of Illinois. Illinois State Historical Society, Journal 14(1-2):1-73 [63].

Kirtland's Warbler listed as a very rare migrant; no specific data provided.

NASH, C.W. see Toronto Department of Education (1905).

NEHRLING, H. 1893. Our Native Birds of Song and Beauty. Milwaukee: Brumer, 2 vols., 1:231.

Briefly notes general locations for early Kirtland's Warbler specimens taken in various states. [No specific data included.]

NICHOLS, L.N. 1936. Kirtland's Warbler. In: Pearson, T.G., ed. 1936. Birds of America. Garden City, N.Y.: Garden City Publishing Co., part 3:146-147. [Published as 1 volume; pages numbered by section.]

Includes a general description of physical characteristics, nest and eggs, distribution, and a history of human interaction with the species.

NICKELL, W.P. 1965a. Kirtland's Warbler banded at Cranbrook in fall migration. Jack Pine Warbler 43(4):153.

24 September 1965, 1 immature male banded, Oakland Co.

N[ICKELL], W.P. 1965b. Kirtland's Warbler comes to Cranbrook. Cranbrook Institute of Science, Newsletter 35(3):38-39.

24 September 1965, 1 immature male banded, Oakland Co.

OBERHOLSER, H.C. see D.S. Jordon (1876/1929).

ORR, C.D. 1975. 1974 breeding success of the Kirtland's Warbler. Jack Pine Warbler 53(2):59-66.

Provides detailed descriptions of double-broods, causes for "production failures" and successes, and notes on Cowbird parasitism. Includes black and white photograph of bird [sex unspecified].

PALMER, W. see H.M. Smith (1888).

PARKES, K.C. and R.C. Leberman. 1971. A Kirtland's Warbler banded at Powdermill. [Carnegie Museum] Powdermill Nature Reserve, Educational Release no.89, 2p.

21 September 1971, 1 immature banded [sex unspecified], Powdermill Nature Reserve, Pennsylvania. Also recaptured 26 September and 2 October 1971 in the same location. [See also R.C. Leberman (1972).]

- PARMALEE, P.W. see H.R. Smith (1955).
- PAYNTER, R.A., JR. 1968. [J.L. Peters.] Check-list of Birds of the World, Volume 14. Cambridge: Harvard University, Museum of Comparative Zoology, 433p. [32].
- Provides citation for the original description [S.F. Baird (1852)], and notes summer and winter ranges.
- PEARSON T.G., C.S. Brimley, and H.H. Brimley. 1919. Birds of North Carolina. North Carolina Geological and Economic Survey, [Report], vol. 4, 380p. [283,298].
- Kirtland's Warbler is included in key and in list of Dendroica in anticipation of its occurrence in North Carolina as a migrant.
- PEARSON, T.G., C.S. Brimley, and H.H. Brimley. 1959. Birds of North Carolina, revised by D.L. Wray and H.T. Davis. Raleigh: North Carolina Department of Agriculture, State Museum, 434p. [328].
- 2 September 1936, 1 sight record [sex unspecified], Rocky Mount, North Carolina; 22 September 1938, 1 sight record [sex unspecified], Rocky Mount, North Carolina; 23 September 1941, 1 sight record [sex unspecified], Rocky Mount, North Carolina. Also includes a description of physical characteristics and notes on range.
- PEARSON, T.G. see also L.N. Nichols (1936).
- PETERS, J.L. see R.A. Paynter, Jr. (1968).
- PETERSON, MRS. T. 1941. Getting one's share of Michigan warblers. Jack Pine Warbler 19(2):49-58 [49,52].
- 1931-1935, 1937-1940, sight records [number and sexes unspecified], Crawford Co.; 1940, sight records [number and sexes unspecified], Oscoda Co.
- PETERSON, R.T. 1948. Birds over America. New York: Dodd, Mead and Co., 342p. [182-183].
- Kirtland's Warbler is used as an example in a discussion of limited habitats and small population sizes of various warblers. Also describes the author's several trips to locate the Kirtland's Warbler.
- PETERSON, R.T. 1980. A Field Guide to the Birds. Boston: Houghton-Mifflin Co., fourth edition, 384p. [234-235, M296].
- Describes plumage, range, voice, and habitat. Includes color illustration of bird [sex unspecified] with the note: "sexes similar." However, does distinguish between male and female in the verbal description.
- PETERSON, R.T. see also J. Van Tyne (1947).
- PETRY, L.C. 1909. Records of Kirtland's Warbler. Bird Lore 11(4):177.
- 18 May 1908, 1 female sight record, Richmond, Indiana; 14 May 1909, 1 male sight record, Urbana, Ohio; 13 May 1905, 1 record [sex and status unspecified], New Paris, Ohio; 7 May 1906, 1 record [sex and status unspecified], Richmond, Indiana.
- PETTINGILL, O.S., JR. 1958. Notes on the birds of the Straits Region, Michigan. Jack Pine Warbler 36(1):7-11 [10].
- Presque Isle State Forest, Presque Isle Co., is listed as a nesting locality, with 2-8 singing males heard there during the summers of 1951-1957.
- PETTINGILL, O.S., JR. 1970. Ornithology in Laboratory and Field. Minneapolis: Burgess, fourth edition, 524p. [assorted].
- Kirtland's Warbler is used as an example in discussions of niche, range, song, brood parasitism, and population size.
- PETTINGILL, O.S., JR. 1977. A Guide to Bird Finding East of the Mississippi. New York: Oxford University Press, second edition, 689p. [291,306-307].
- Provides directions for finding Kirtland's Warblers in breeding localities. Includes black and white drawing of male.
- PETTINGILL, O.S., JR. see also H.[F.] Mayfield (1965d).
- PICKENS, A.L. 1928. Birds of upper South Carolina: a study in geographical distribution. [Continuation.] Wilson Bulletin 40(4), no.145:238-246 [243].
- Notes that the Kirtland's Warbler is a migrant in the eastern portion of the Piedmont region.
- PINKOWSKI, B.C. 1976a. Michigan bird survey, spring 1976. Jack Pine Warbler 54(3):117-128 [125].

- Reports that at least 3 singing males were on the breeding grounds by 14 May 1976. [No specific data provided.]
- PINKOWSKI, B.C. 1976b. Michigan bird survey, summer 1976. Jack Pine Warbler 54(4):160-167 [165].
- Notes that 200 singing males were reported on the 1976 census.
- PINKOWSKI, B.C. 1977a. Michigan bird survey, spring 1977. Jack Pine Warbler 55(3):143-153 [150].
- L.H.W. [L.H. Walkinshaw] comments, "This looks like a good warbler year" in reference to the Kirtland's Warbler.
- PINKOWSKI, B.C. 1977b. Michigan bird survey, summer 1977. Jack Pine Warbler 55(4):187-197 [195].
- Notes that 218 singing males were counted on the census.
- PINKOWSKI, B.C. 1978a. Michigan bird survey, spring 1978. Jack Pine Warbler 56(3):151-159 [157].
- 30 May 1978, 1 bird "recovered" [sex unspecified], Ottawa, Quebec. Bird was banded in Crawford Co. as a nestling in 1974.
- PINKOWSKI, B.C. 1978b. Michigan bird survey, summer 1978. Jack Pine Warbler 56(4):200-207 [206].
- Notes that 193 males were reported in Michigan, 1 in Quebec, 1 in Ontario, and 2 in Wisconsin. [No specific data provided.]
- PORTER, E. 1972. Birds of North America: a Personal Selection. New York: Dutton, 144p. [60,70].
- Color photograph of male at nest with young. Porter also mentions his first view of a Kirtland's Warbler.
- POTTER, J.M., JR. 1975. Kirtland's Warbler seen in Mecklenburg County, Virginia. Raven 46(1):27-29.
- 1 September 1974, 1 sight record [sex unspecified], Kerr Lake, Virginia.
- POUGH, R.H. 1946. Audubon Bird Guide: Eastern Land Birds. Garden City: Doubleday and Co., 312p. [177,pl.24].
- Briefly describes plumage, habits, voice, nest, and range. Includes color plate of male and female.
- PREBLE, E.A. 1930. Birds of Hiawatha Land. Nature Magazine 15(5):293-296,334 [294-295].
- Discusses birds which migrate to the "Upper Lake States," and briefly mentions the Kirtland's Warbler.
- PURDIE, H.A. 1879. Another Kirtland's Warbler (Dendroeca kirtlandi). Nuttall Ornithological Club, Bulletin 4(3):185-186.
- 16 May [1879], 1 female specimen, Ann Arbor [Washtenaw Co.]. Also lists other specimens taken through 1879.
- RADABAUGH, B.E. 1965a. Ancestry of the Kirtland's Warbler. Peacock 2(6):30-34.
- Provides a theoretical history of the Kirtland's Warbler and its habitat.
- RADABAUGH, B.E. 1965b. Permanent marker placed at site of type nest of Kirtland's Warbler. Jack Pine Warbler 43(4):154-155.
- Reports on the site, and on the dedication ceremony. Includes black and white photograph of the location.
- RADABAUGH, B.E., F. Radabaugh, and C. Radabaugh. 1966. Returns of Kirtland's Warblers banded as nestlings. Wilson Bulletin 78(3):322.
- Provides data on five individuals.
- RADABAUGH, B.E. 1972a. Double-broodedness in the Kirtland's Warbler. Bird Banding 43(1):55.
- Discusses occurrence of double-broodedness in Kirtland's Warblers observed in Oscoda Co. during the period 1963-1967.
- RADABAUGH, B.E. 1972b. Polygamy in the Kirtland's Warbler. Jack Pine Warbler 50(2):48-52.
- Provides data to support the conclusion that approximately one-third of the adults present in the East Mack Lake area (Oscoda Co.) from 1966-1968 were involved in polygynous matings. Also discusses possible causes for the behavior.

- RADABAUGH, B.E. 1974. Kirtland's Warbler and its Bahama wintering grounds. Wilson Bulletin 86(4):374-383.
- 11,12,22 March 1973, 1 male sight record [same individual?], Crooked Island, Bahamas. Describes behavior, habitat, previous records, and the environmental changes in the area.
- RADABAUGH, B.E. see also A.J. Berger (1968c).
- RADABAUGH, C. see B.E. Radabaugh, et al. (1966).
- RADABAUGH, F. see B.E. Radabaugh, et al. (1966).
- RADTKE, R. and J. Byelich. 1963. Kirtland's Warbler management. Wilson Bulletin 75(2):208-215.
- Reports on attempts by the Michigan Department of Conservation and by the U.S. Forest Service to aid the Kirtland's Warbler through designation of special management areas, and through silvicultural and land management practices (e.g. special plantings and controlled burning). The Cowbird problem is considered, but no means of control are discussed. Includes black and white photograph of habitat.
- RANDLE, W. see E. Kemsies (1953).
- REED, C.A. 1904/1965. North American Birds Eggs. First edition (1904); New York: Doubleday, Page and Co., 356p. [300]; second edition (1965); revised by P.A. Buckley, New York: Dover Publications, 372p. [300].
- Provides a brief description of range, plumage, and the discovery of the first nest and egg.
- REED, C.A. 1908. Bird Guide. Part 2. Land Birds East of the Rockies: From Parrots to Bluebirds. Worcester, Mass.: the author, 197p. [153].
- Includes a very brief description of plumage, song, nest, and range. Includes color illustration of bird [sex unspecified].
- REILLY, E.M., JR. see J. Van Tyne (1979).
- RIDGWAY, R. 1881. Nomenclature of North American birds chiefly contained in the United States National Museum. U.S. National Museum, Bulletin no.21, 94p. [18].
- Dendroeca kirtlandi Baird is listed in the catalog.
- RIDGWAY, R. 1884. Another Kirtland's Warbler from Michigan. Auk 1(3):389.
- 11 May 1883, 1 male specimen, Battle Creek, [Calhoun Co.]. Specimen was donated to the U.S. National Museum.
- RIDGWAY, R. 1887. A Manual of North American Birds. Philadelphia: J.B. Lippincott Co., 631p. [514].
- Provides a key to North American birds which includes the Kirtland's Warbler.
- RIDGWAY, R. 1891. List of birds collected on the Bahama Islands by the naturalists of the Fish Commission steamer, Albatross. Auk 8(4):333-339 [337,338].
- 4-9 March [1891?], 4 specimens [sexes unspecified], Watling's [sic] Island, Bahamas; 12 April [1891?], 2 specimens [sexes unspecified], Green Cay, Bahamas. [See also C.H. Townsend (1927).]
- RIDGWAY, R. 1902. The birds of North and Middle America. Part 2. U.S. National Museum, Bulletin no.50, pt.2, 834p. [603-605].
- Provides thorough physical descriptions of male and female, a note concerning range, and a bibliography of articles published through 1900.
- RIDGWAY, R. 1914. Birdlife in southern Illinois. I. Bird Haven. Bird Lore 16(6):409-420 [418].
- 3 May 1908, 1 male sight record, "Bird-Haven," Illinois.
- RIDGWAY, R. see also S.F. Baird, et al. (1905).
- RILEY, J.H. 1905. Birds of the Bahama Islands. In: Shattuck, G.B., ed. 1905. The Bahama Islands. New York: MacMillan Co., pp.347-368 [366].
- Lists locations for Kirtland's Warbler Bahama records through 1903.
- RIVES, W.C. 1890. A catalog of the birds of the Virginias. Newport Natural History Society, Proceedings for 1889-1890, Document no.7, 100p. [84].

- 25 September 1887, 1 specimen [sex unspecified], Fort Myer, Virginia; "one week later," 1 sight record [sex unspecified], Fort Myer, Virginia.
- ROADS, K.M. 1912. Why birds are so named. Continued. Wilson Bulletin 24(3), no.80:130-142.
- Quotes S.F. Baird's dedication: "named in honor of Dr. J.P. Kirtland, of Cleveland, Ohio, who first discovered it at Cleveland in 1851."
- ROBBINS, C.S., B. Brunn, and H.S. Zim. 1966. Birds of North America. New York: Golden Press, 340p. [268-269].
- Includes color plate of male, sonogram, range map, and a brief description of physical characteristics.
- ROBBINS, S.D., JR. 1947. 1946 in review. Passenger Pigeon 9(2):48-54 [49,52].
- 23 May 1946, 1 sight record [sex unspecified], Rhineland, Wisconsin.
- ROBERTS, H. see N. Roberts (1980).
- ROBERTS, H.D. see D.W. Douglass (1952).
- ROBERTS, N. and H. Roberts. 1980. Field notes. Passenger Pigeon 42(2):77-83 [82].
- 7 June 1979, 1 sight record [sex unspecified], Jackson County, [Wisconsin]. [Note: this is the same record as D. Follen, Sr. (1980), even though the dates differ.]
- ROBERTS, T.S. 1919. A review of the ornithology of Minnesota. University of Minnesota, Research Publication 8(2):1-100 [25].
- 13 May 1892, 1 male specimen, Minneapolis, Minnesota. Specimen was deposited in the collection of Dr. H.M. Guilford.
- ROBERTS, T.S. 1932. The Birds of Minnesota. Minneapolis: University of Minnesota Press, 2 vol., 1:65,2:242-243.
- Volume 1 notes that the Kirtland's Warbler's status in Minnesota is very rare or accidental. Volume 2 provides a brief description of its life history with the following records: 13 May 1892, 1 male specimen, near Minneapolis, Minnesota; 19 May 1921, 1 possible sight record [sex unspecified], Frontenac, Minnesota; 27 August 1925, 1 possible sight record [sex unspecified], Frontenac, Minnesota. The specimen was deposited at the University of Minnesota Museum.
- ROBERTS, T.S. 1934. Bird Portraits in Color: 295 North American Species. Minneapolis: University of Minnesota Press, 200p. approx. [pl.17].
- Notes breeding area, egg color, and song. Includes color plate of male.
- ROBERTSON, W.B., JR. 1971. [Regional reports: the fall migration, August 16 to November 30, 1970:] Florida region. American Birds 25(1):44-49 [48].
- 20 August 1970, 1 sight record [sex unspecified], Nassau Airport, Bahamas.
- ROGERS, MRS. W.E. see N.R. Barger (1941).
- ROSS, R.D. 1954. Birds of the prairies and the Black Hills. Massachusetts Audubon Society, Bulletin 38(1):3-10 [3-4].
- 17 May 1953, 1 sight/song record, south of Mio [Oscoda Co.]. Includes black and white photograph of male feeding two young.
- ROTH, F. 1891. List of North American Birds not Contained in the Museum of the University of Michigan. Ann Arbor: Courier Office, 24p. [7].
- Kirtland's Warbler is listed.
- ROYAL CANADIAN INSTITUTE, TORONTO see J.H. Fleming (1913).
- RYEL, L.A. 1976a. The 1975 census of Kirtland's Warblers. Jack Pine Warbler 54(1):2-6.
- Presents methodology for and results of the 1975 census during which 179 males were counted in 6 counties. Includes tables of results by county for 1951-1975, and of counts by land ownership for 1974-1975.
- RYEL, L.A. 1976b. Michigan's Bicentennial Bird: the Kirtland's Warbler in 1976. Michigan Department of Natural Resources, Surveys and Statistical Services, Report no.152, 6p.
- Reports on the 1976 census, during which 200 males were counted in 6 counties. Includes tables of census results for 1951-1976, and of

- singing male counts by land ownership for 1974-1976.
- RYEL, L.A. 1978a. How to see a Kirtland's Warbler. Birding 10(2):53-58.
- Describes Kirtland's Warbler habitat and population status, and explains tour system and regulations. Includes black and white photograph of bird [sex unspecified], and map of breeding range.
- RYEL, L.A. 1978b. Kirtland's Warbler status, June 1978. Michigan Department of Natural Resources, Surveys and Statistical Services, Report no.167, 8p.
- Reports on the 1978 census, during which 193 males were counted in 6 Michigan counties. Birds were also sighted in Wisconsin (2), Ontario (1), and Quebec (1). Includes tables of census data by county for 1951-1978, and of counts by land ownership for 1974-1978.
- RYEL, L.A. 1979a. The 1979 inventory of Kirtland's Warbler. Michigan Department of Natural Resources, Surveys and Statistical Services, Report no.180, 4p.
- Reports on the 1979 census, during which 210 males were counted in 6 Michigan counties, and 1 male was reported in Wisconsin. Includes tables of census data by county for 1951-1979, and of counts by land ownership for 1974-1979.
- RYEL, L.A. 1979b. On the population dynamics of Kirtland's Warbler. Jack Pine Warbler 57(2):76-83.
- The paper is designed to "document the history of a large Kirtland's Warbler colony, hypothesize about the mechanisms which result in rapid population increases, hypothesize on the effect of variable sex ratios on population dynamics, and stimulate thought and provide an incentive for future research." The colony studied was in Ogemaw Co.
- RYEL, L.A. 1979c. The tenth Kirtland's Warbler census, 1978. Jack Pine Warbler 57(3):141-147.
- Contains same information as L.A. Rye (1978b); text has been reworded in places.
- RYEL, L.A. 1980a. The 1980 Kirtland's Warbler census. Michigan Department of Natural Resources, Wildlife Division, Report no.2862, 9p.
- Reports on the results of the 1980 census and on management efforts, including the Mack Lake fire. Includes tables of census data by county for 1951-1980, of counts by land ownership for 1974-1980, and of colony size for 1976-1980.
- RYEL, L.A. 1980b. Kirtland's Warbler status, June 1979. Jack Pine Warbler 58(1):30-32.
- Contains the same information as L.A. Rye (1979a); text has been reworded in places.
- RYEL, L.A. 1980c. Results of the 1980 census of Kirtland's Warblers. Jack Pine Warbler 58(4):142-145.
- Contains the same information as L.A. Rye (1980a); text has been reworded and condensed in places.
- RYEL, L.A. see also G.E. Burgoyne, Jr. (1978).
- SAMUEL, I.[sic]H. 1900. List of the rarer birds met with during the spring of 1900 in the immediate vicinity of Toronto. Auk 17(4):391-392.
- 16 May 1900, 1 male specimen, Toronto, Ontario.
- SAMUEL, J.H. see I.H. Samuel (1900).
- SANBORN, C.C. see E.R. Ford, et al. (1934).
- SAUNDERS, A.A. 1908. Some birds of central Alabama: a list of birds observed.... Auk 25(4):413-424 [422].
- 10 May 1908, 1 sight/song record [sex unspecified], Woodbine, Alabama.
- SAUNDERS, W.E. 1906. Birds new to Ontario. Ottawa Naturalist 19(11):205-207 [206].
- 16 May 1900, 1 specimen [sex unspecified], "on the island at Toronto," Ontario.
- SAUNDERS, W.E. 1941. Kirtland's Warbler (Dendroica kirtlandi). Canadian Field Naturalist 55(2):16.
- Reports on a visit of "Londoners" to the nesting grounds. Includes a brief discussion on habitat.

- SAYRE, R., ed. 1972. The Kirtland's Warbler is holding its own.... Audubon 74(6):116.
- Reports briefly on the 1972 census, during which 400 birds [sic] were reported, and on current management efforts.
- SAYRE, R., ed. 1973. Michigan's Kirtland's Warbler gained in numbers.... Audubon 75(6):133.
- Reports briefly on the 1973 census, during which 216 males were counted in 5 counties, and on current management efforts.
- SAYRE, R., ed. 1974. The Kirtland's Warbler population took a precipitous plunge.... Audubon 76(6):122.
- Reports briefly on the 1974 census, during which 167 pairs [sic] were counted, and briefly speculates on the causes of a population decrease.
- SAYRE, R., ed. 1976. Kirtland's Warbler gains. Audubon 78(5):130.
- Reports briefly on the 1976 census, during which 199 males were counted.
- SCHANITZ, O.M., 1928. Birds of Illinois. Illinois Department of Conservation, Conservation Publication no.6, 123p. [102].
- Kirtland's Warbler is listed as a "transient visitant" for Illinois.
- SCHENPF, P.F. 1976. A late record of the Kirtland's Warbler. Jack Pine Warbler 54(1):40.
- 29 September 1975, 1 sight record [sex unspecified], Mack Lake Management Area, Oscoda Co.
- SCHNEEGAS, E.R. 1975. National forest nongame bird management. In: Smith, D.R., tech. coord. 1975. Proceedings of the Symposium on the Management of Forest and Range Habitats for Non-game Birds, 6-9 May 1975, Tucson, Arizona. U.S. Department of Agriculture, Forest Service, General Technical Report WO-1, pp. 314-318 [315-316].
- Briefly describes habitat management for the Kirtland's Warbler.
- SCHOENER, T.W. 1968. Sizes of feeding territories among birds. Ecology 49(1):123-141 [125].
- Includes H.[F.] Mayfield's (1960) data in a determination of the relationships between body weight, clutch size, breeding territory size, and food types among birds of various species.
- SCHORGER, A.W. 1931. The birds of Dane County, Wisconsin, Part II. Wisconsin Academy of Sciences, Arts and Letters, Transactions 26:1-60 [59].
- 19 May 1917, 1 sight record [sex unspecified], near Madison, Wisconsin; 24 May 1893, 1 sight record [sex unspecified], Lake Koshkonong, Wisconsin. On the basis of these records, Kirtland's Warbler appears on the "hypothetical" list.
- SCHORGER, A.W. see also L. Kumlien (1951).
- SCHROEDER, H.H. 1923. Notes from Fort Pierce, Florida. Bird Lore 25(2):122-123 [122].
- 1 November 1918, 1 sight record [sex unspecified], Fort Pierce, Florida.
- SCHROEDER, A.B. and T.B. DeBlaney. 1968. Birds of Ottawa County, Michigan. Jack Pine Warbler 46(4):98-130 [114,128].
- 22 May 1938, 1 sight record [sex unspecified], Holland, Ottawa Co.; 10 and 11 May 1963, 2 sight records [sexes unspecified], near M-45, Ottawa Co.; 17 August 1963, 1 sight record [sex unspecified], Grand Haven, Ottawa Co.
- SCOTT, F.R. and D.A. Cutler. 1965. [Regional reports: fall migration August 16 - November 30, 1964:] middle Atlantic Coast region. Audubon Field Notes 19(1):21-24 [24].
- 27 September 1964, 1 sight record [sex unspecified], Lewisville, Pennsylvania.
- HAKE, W.F. and J.P. Mattsson. 1975. Three years of Cowbird control: an effort to save the Kirtland's Warbler. Jack Pine Warbler 53(2):48-53.
- Presents data from and discussion of the Cowbird control program including trapping methods, removal program, and banding efforts. Includes black and white photograph of Cowbird decoy trap.
- SHARPE, R.B. 1885. Catalogue of the Passeriformes, or Perching Birds, in the Collection of the British Museum. London: Trustees of the British Museum (Catalogue of the Birds in the British Museum, vol. 10), 662p. [322-323].

Includes a description of physical characteristics, and a bibliography of articles published through 1884.

- SHATTUCK, G.B. see J.H. Riley (1905).
- SHERMAN, J.W. 1917. Kirtland Warbler in Massachusetts. Records of Walks and Talks with Nature 9:8-9.
- 26 May 1916, 1 sight record [sex unspecified], Roslindale, Massachusetts; reporter's credentials are vouched for by C.J. Maynard.
- SHORT, E.H. 1904. The discovery of the first known nest of Kirtland's Warbler. Oologist 21(4), no.201:53-55.
- Summatizes N.A. Wood (1904).
- SIMON, N. and P. Geroudet. 1970. Last Survivors. London: Patrick Stephens, 275p. [72-75].
- Provides a summary of the Kirtland's Warbler population status. Includes color plate of male and female.
- SIMON, N. see also J. Fisher, et al. (1969).
- SMITH, D.R. see E.R. Schneegas (1975).
- SMITH, H.M. and W. Palmer. 1888. Additions to the avifauna of Washington and vicinity. Auk 5(2):147-148 [148].
- 25 September 1887, 1 specimen [sex unspecified], Fort Myer, Virginia; "one week later," 1 sight record [sex unspecified], Fort Myer, Virginia.
- SMITH, H.R. and P.W. Parmalee. 1955. A distributional checklist of the birds of Illinois. Illinois State Museum, Popular Science Series 4:1-62 [49].
- 7 May 1894, 1 specimen [sex unspecified], Glen Ellyn, Illinois; 21 May 1899, 1 record [sex and status unspecified], Chicago, Illinois; 25 May 1894, 1 record [sex and status unspecified], Winnebago Co., Illinois; 2 September 1948, 2 male sight records, Loves Park, Winnebago Co., Illinois.
- SMITH, R.L. 1976. Ecological genesis of endangered species: the philosophy of preservation. Annual Review of Ecology and Systematics

7:33-55 [36,44].

Discusses the concept of endangered species, and delineates the history of preservation and management. Kirtland's Warbler is referred to as a species which requires human intervention both against a nontraditional parasite (the Cowbird), and for the provision of adequate habitat.

SMITHE, G. 1936. Kirtlandia. Jack Pine Warbler 14(3):3-9.

As part of an effort to change the common name from Kirtland's Warbler to Jack Pine Warbler, a biography of Dr. J.P. Kirtland is provided.

SOUTHERN, W.E. 1961. A botanical analysis of Kirtland's Warbler nests. Wilson Bulletin 73(2):148-154.

Discusses habitat requirements for nesting, notes nest dimensions and botanical composition, and discusses possible influences of sedges and grasses on the restriction of range. Includes black and white photographs of nest.

SPARROWE, R.D. and H.M. Wight. 1975. Setting priorities for the Endangered Species Program. In: North American Wildlife and Natural Resources Conference, Fortieth, Transactions. Washington, D.C.: Wildlife Management Institute, 1975, pp.142-156.

Kirtland's Warbler is used as an example in scoring in the prioritizing process.

SPENCER, H.H. see D.W. Douglass [1958?].

SPRAGUE, T. 1969. Birds of Prince Edward County [Ontario]. Bloomfield: Prince Edward Region Conservation Authority, 215p. [166-167].

19 May 1962, 1 sight record [sex unspecified], Point Traverse, [Ontario]; 12 May 1964, 1 sight record [sex unspecified], Cataract Cemetery [Kingston?, Ontario].

SPRUNT, A., JR. and E.B. Chamberlain. 1931. Second supplement to Arthur T. Wayne's Birds of South Carolina. Charleston Museum, Contributions no.4, 37p. [33].

4 October 1910, 1 sight record [sex unspecified], Oakland Plantation, Christ Church Parish, Charleston Co., South Carolina.

SPRUNT, A., JR. 1936. Some observations on the bird life of Cumberland Island, Georgia. Oriole 1(1):1-6 [2-3].

- 12 April 1902, 1 female specimen, Cumberland Island, Georgia; 14 April 1903, 1 female specimen, Cumberland Island, Georgia [possibly the same specimen as 12 April 1902 - there seems to be a misprint in the article]; 27 April 1904, 1 male specimen, Cumberland Island, Georgia.
- SPRUNT, A., JR. and E.B. Chamberlain. 1949/1970. South Carolina Bird Life. First edition (1949): Charleston Museum, Contributions no.11, 585pp. [467-468,561]; second edition (1970): revised by E.M. Burton. Columbia: University of South Carolina Press, 655pp. [467-468,561].
- Both editions: describe physical characteristics, range, and status in South Carolina (rare transient). Also list the 6 South Carolina records for the period 1886-1949.
- SPRUNT, A., JR. 1951. Golden Cheek of the Cedar Brakes. Audubon Magazine 53(1):13-16 [16].
- Briefly compares the Golden Cheeked Warbler (Dendroica chrysoparia) with the Kirtland's and Collina (Vermivora crissalis) Warblers.
- SPRUNT, A., JR. 1954. Florida Bird Life. New York: Coward-McCann and National Audubon Society, 527p. [407-408].
- Provides description of physical characteristics, and discusses range and status in Florida. The 6 Florida records through 1934 are included.
- SPRUNT, A., JR. see also J. Van Tyne (1957).
- STEJNEGER, L. 1899. Birds of Indiana. [Review.] American Naturalist 33(385):65-69 [67-68].
- Reviews A.W. Butler's (1897) "Birds of Indiana," and discusses the "mysteries" of the Kirtland's Warbler: its nesting grounds and migration route.
- STEVENS, O.A. 1936. The first descriptions of North American birds. Wilson Bulletin 48(3):203-215 [214].
- Notes that S.F. Baird first described the Kirtland's Warbler.
- STEVENSON, H.M. 1959. [Regional reports: fall migration August 16 to November 30, 1958:] Florida region. Audubon Field Notes 13(1):21-25 [24].
- 21 September 1958, 1 sight record [sex unspecified], Miami, Florida.
- STEVENSON, H.M. 1962. [Regional reports: fall migration, August 16 to November 30, 1961:] Florida region. Audubon Field Notes 16(1):21-25 [24].
- 2 and 3 November 1961, numerous sight records of 1 individual [sex unspecified], West Palm Beach, Florida.
- STIRRETT, G.M. 1973. The Spring Birds of Point Pelee National Park, Ontario. Ottawa: Information Canada, National and Historic Parks Branch, revised edition, 32p. [24].
- 10 May 1953, 1 record [sex and status unspecified], Point Pelee, Ontario; 10 May 1959, 1 record [sex and status unspecified], Point Pelee, Ontario; 13 May 1961, 1 record [sex and status unspecified], Point Pelee, Ontario.
- STONE, W. 1898. Dendroica kirtlandii in Pennsylvania: a correction. Auk 15(4):331.
- Notes that the omission of Kirtland's Warbler from his Birds of Eastern Pennsylvania and New Jersey was based on Professor Roddy's statement that he gave Dr. B.H. Warren (1890) incorrect information, and that Kirtland's Warbler had not been recorded for Pennsylvania. A.W. Butler's (1897) citation of the Pennsylvania record in his Birds of Indiana was also based on incorrect information.
- STORER, R.W. 1973. Special Michigan birds. In: Thompson, W.L., ed. 1973. Enjoying Birds in Michigan. [Kalamazoo:] Michigan Audubon Society, third edition, pp. 43-45 [44-45].
- Discusses human interaction with the Kirtland's Warbler, management efforts, censuses, and the Cowbird problem.
- STORER, R.W. see also W.L. Anderson (1976).
- STRICKER, V. 1965. Kirtland's Warbler: feathers and flame. National Parks Magazine 39(217):16-19.
- Briefly describes early management efforts and controlled burns. Includes a map of the breeding grounds, and black and white photographs of bird [sex unspecified], and habitat.
- STRONG, W.A. 1919. Curious eggs. Oologist 36(10), no.390: 180-181 [181].
- 31 May 1908, [1 set of 2 Kirtland's Warbler and 2 Cowbird eggs collected], Crawford Co.

STUDER, J.H., ed. 1881. Studer's Popular Ornithology: The Birds of North America, illustrated by T. Jasper. New York: Jacob H. Studer and Co., 182p. [172, pl. 114].

Notes Kirtland's Warbler as one of the rarest of the North American species, and mentions three early records: May 1851, 1 specimen [sex unspecified], Cleveland, Ohio; 9 July 1860, 1 specimen [sex unspecified], near Cleveland, Ohio; and Cabot's specimen taken at sea [no specific data provided]. Includes color plate of bird [sex unspecified].

SUNDEVALL, C.J. 1869. Oefversigt af fogelslaegtet Dendroeca. K. Svenska Vetenskaps-Akademien, Stockholm. Oefversigt af Kongl. Vetenskaps-Akademien, Forhandlingar 26(6):605-618 [617].

Provides a physical description and notes on range. Article is in Latin.

TAVERNER, P.A. 1905. The origin of the Kirtland's Warbler. Ontario Natural Science Bulletin no. 1:13-17.

Hypothesizes that the limits of the winter range keep the Kirtland's Warbler population from expanding, and discusses possible former ranges.

TAVERNER, P.A. 1919. Birds of Eastern Canada. Canadian Department of Mines, Geological Survey, Memoir no. 104, (Biological Series no. 3), 297p. [198-199].

Discusses plumage, nesting, and distribution. States the belief that the carrying capacity of the winter habitat is the limiting factor on population size.

TAVERNER, P.A. 1934/1947. Birds of Canada. First edition (1934): Canadian Department of Mines, National Museum of Canada, Bulletin no. 72 (Biological Series no. 19), 445p. [358]; revised edition (1947): Toronto: Musson, 446p. [358].

Both editions describe plumage, nest, and population distribution. Include black and white illustration of male's head.

TAVERNER, P.A. 1939. Canadian Land Birds: a Pocket Field Guide. Toronto: Musson Book Co., 277p. [182].

Briefly describes plumage, nest, habitat, and range.

TAYLOR, W. 1917. Kirtland's Warbler in Madison, Wisconsin. Auk 34(3):343.

19 May 1917, 1 female sight record, Madison, Wisconsin.

TEALE, E.W. 1950. The bird that baffled a continent. Natural History 59(4):172-177.

Recounts the author's trip to find the Kirtland's Warbler. Includes several black and white photographs of 2 birds [sexes unspecified], food, and nest sites.

TEMPLE, S.A. see H.F. Mayfield (1978).

TERBOUGH, J.[W.] 1974. Preservation of natural diversity: the problem of extinction prone species. Bioscience 24(12):715-722 [721].

The adverse effects of wintering ground habitat changes on population size are discussed. Notes that the Kirtland's Warbler winters on Grand Bahama and Abaco; Abaco has been cleared of pine forests, and Grand Bahama is being developed commercially.

TERBOUGH, J.W. 1980. The conservation status of neotropical migrants: present and future. In: Keast, A. and E.S. Morton, eds. 1980. Migrant Birds in the Neotropics: Ecology, Behavior, Distribution, and Conservation, Proceedings of a symposia held at the National Zoological Park, Smithsonian Institution, 27-29 October 1977. Washington, D.C.: Smithsonian Institution Press, pp. 21-30 [29].

Kirtland's Warbler is mentioned in a discussion concerning deforestation of winter habitats.

TERRES, J.K. 1980. The Audubon Society Encyclopedia of North American Birds. New York: Alfred A. Knopf, 1109 p. [972, asst.]

Briefly describes management efforts, feeding habits, nest, eggs, incubation period, age, weights, and range.

TESSEN, D.[D.] 1973. Field notes: the autumn season, August 16 - November 30, 1972. Passenger Pigeon 35(3):133-149 [146].

5 October [1972], 1 sight record, Sheboygan Co., Wisconsin.

TESSEN, D.D. 1977. [The nesting season June 1-July 3], 1977:] western Great Lakes region. American Birds 31(6):1142-1146 [1145].

Includes a brief note on the 1977 census, during which 218 males were counted in 6 counties. This was a 9.5% increase in population size since the 1976 census.

TESSEN, D.D. 1978. [The nesting season June 1 - July 31, 1978:] western Great Lakes region. *American Birds* 32(6):1162-1166 [1165].

10 June 1978, 2 male sight/song records, Black River Falls S.F., Jackson Co., Wisc. Also notes results of Michigan census: 193 males counted. Includes black and white photograph of banded male.

TESSEN, D.D. 1979. [The nesting season June 1 - July 31, 1979:] western Great Lakes region. *American Birds* 33(6):864-866 [866].

Notes that 310 singing males were counted on the 1977 census, and that 2 singing males were found in Wisconsin.

TESSEN, D.D. 1980. [The nesting season June 1 - July 31, 1980:] western Great Lakes region. *American Birds* 34(6):896-898 [898].

Reports briefly on the 1980 Michigan census during which 242 males were counted. One male was also reported from Wisconsin on June 14.

TEST, L.A. 1939. The Amos W. Butler collection of birds. Indiana Audubon Society, Yearbook 17:54-57 [56-57].

Notes that the collection includes 2 Kirtland's Warblers, one taken 1 May 1893, [sex unspecified], Wabash, Indiana; the other taken May 1895, [sex unspecified], near Wabash, Indiana. Specimens are part of the Butler collection at Purdue University.

THOMAS, E.S. 1926. Notes on some central Ohio birds observed during 1925. *Wilson Bulletin* 38(2):118-119 [119].

11 September 1925, "species observed," near Columbus, [Ohio]; May 1917, 1 individual sighted various times, Indian Springs [Ohio]; May 20 May 1920, [number, sex, and status unspecified], Columbus area [Ohio]; 17 May 1921, [number, sex, and status unspecified], Columbus area [Ohio]; 23 May 1924, 2 records [sexes and statuses unspecified, Columbus area [Ohio]; 24 May 1924, [number, sex, and status unspecified], Columbus area, [Ohio].

THOMPSON, W.L. see R.W. Storer (1973).

TILGHMAN, N.G. 1979. The search for the Kirtland's Warbler in Wisconsin. *Passenger Pigeon* 41(1):16-24.

Discusses a survey of Jack Pine stands in Wisconsin in May and June 1978. Notes that 2 unmated males maintained territories in Jackson County, Wisconsin. Discusses both hypothetical reasons for their appearance, and possibilities for the establishment of new colonies outside Michigan. Also includes black and white illustration of bird

[sex unspecified], and maps of census areas.

TINKER, A.D. 1908. Notes on Kirtland's Warbler at Ann Arbor, Mich. *Bird Lore* 10(2):81-82.

13 May 1907, 1 sight record [sex unspecified], Ann Arbor [Washtenaw Co.]; 16 May 1907, 1 sight record [sex unspecified], Ann Arbor [Washtenaw Co.].

TINKER, A.D. 1910. The birds of School Girls' Glen Region, Ann Arbor, Michigan: a study in local ornithology. Michigan Geological and Botanical Survey, Publication no.1 (Biological Series no.1):35-66 [61].

13 May 1907, 1 sight record [sex unspecified], Ann Arbor [Washtenaw Co.]; 16 May 1907, 1 sight record [sex unspecified], Ann Arbor [Washtenaw Co.].

TINKER, A.D. see also N.A. Wood (1934).

TITUS, H. 1966. Warbler of the Jack Pines. *Field and Stream* 71:51,120-123,125.

Discusses human interaction with the Kirtland's Warbler. Includes color illustration of male and female.

TODD, W.E.C. 1904. The birds of Erie and Presque Isle, Erie County, Pennsylvania. Carnegie Museum, Annals 2(4):481-596 [584].

Includes Kirtland's Warbler as a species which "should occur at Erie if anywhere in Pennsylvania." [No specific data provided.]

TORONTO DEPARTMENT OF EDUCATION. 1905. Check List of the Vertebrates of Ontario and Catalogue of Specimens in the Biological section of the Provincial Museum, Birds, compiled by C.W. Nash. Toronto: L.K. Camero, 82p. [no.670].

16 May 1900, 1 specimen [sex unspecified], near Toronto, Ontario. Speculates that the Kirtland's Warbler may breed in Ontario.

TOWNSEND, C.H. 1927. Old times with birds: autobiographical. *Condor* 29(5):224-232 [227].

Contains personal recollections of the author which include mention of the capture of a Kirtland's Warbler while on the [U.S. Fish Commission Steamer] Albatross in 1886. [No specific data provided. See also R. Ridgway (1891).]

- TRAUTMAN, M.B. 1940. The birds of Buckeye Lake, Ohio. University of Michigan, Museum of Zoology, Miscellaneous Publications no.44, 466p. [148].
- Lists Kirtland's Warbler as a species that "surely [was] present within historic time and should occur in the future."
- TRAUTMAN, M.B. 1979. Experiences and thoughts relative to the Kirtland's Warbler. Jack Pine Warbler 57(3):135-140.
- Discusses population fluctuations in Michigan from the mid 1920's through the mid 1930's. Includes notes on sight records, habitat, tail wagging behavior, song, nest, and eggs. Speculates about possible adverse effects of fall hurricanes on migrating warblers, and correlates hurricane cycles with population fluctuations.
- TWOMEY, A.C. 1936. Climographic studies of certain introduced and migratory birds. Ecology 17(1):122-132 [127,131].
- Notes that the temperature and humidity of the Bahamas during the winter months are similar to that of northern Michigan during the nesting season. Includes climograph of the Bahamas winter range.
- ULREY, A.B. and W.O. Wallace. 1895a. Birds of Wabash County [Indiana]. Indiana Academy of Science, Proceedings 1895: 148-159 [148,157].
- 4 May 1892, 1 specimen [sex unspecified], [location unspecified];
7 May 1895, 1 specimen [sex unspecified], [location unspecified].
- ULREY, A.B. 1895b. Contributions to the biological survey of Wabash County [Indiana]. Indiana Academy of Science, Proceedings 1895:147-148 [147].
- May 1895, 1 specimen [sex unspecified], Wabash, Indiana.
- U.S. COMMITTEE ON RARE AND ENDANGERED WILDLIFE SPECIES. 1968. Rare and endangered fish and wildlife of the United States. [Revised edition.] U.S. Bureau of Sport Fisheries and Wildlife, Resource Publication no.34:B-57.
- Briefly outlines plumage, distribution, population status, and protective measures undertaken.
- U.S. DEPARTMENT OF INTERIOR. 1975. New efforts to save "Bird of Fire." U.S. Department of Interior, News Release, 21 May 1975. Reprinted in: Birding 7(3):125-126.
- Discusses Kirtland's Warbler management efforts of the U.S. Fish and Wildlife Service, the U.S. Forest Service, and the Michigan Department of Natural Resources, and announces the closure of nesting areas to the public.
- U.S. DEPARTMENT OF INTERIOR, FISH AND WILDLIFE SERVICE. 1976. Endangered and threatened wildlife and plants, republication of the list of species. Federal Register 41(208):47180-47198 [47193].
- Kirtland's Warbler is included as a species endangered within its entire range.
- U.S. FISH AND WILDLIFE SERVICE. see U.S. Department of Interior, Fish and Wildlife Service.
- U.S. FOREST SERVICE, HURON NATIONAL FOREST, et al. [n.d.]a. A bird of fire: Kirtland's Warbler. Lansing: the author, 9p.
- Briefly notes life history, habitat, regulations, and Combird problems. Includes black and white photographs of bird [sex unspecified] and habitat, color illustration of bird [sex unspecified] with young, and color photograph of managed burn.
- U.S. FOREST SERVICE, HURON NATIONAL FOREST. [n.d.]b. The Kirtland's Warbler: a bird of fire. Cadillac, Mich.: the author, 4p.
- Discusses habitat, laws and regulations, population dynamics, the Combird problem, and provides additional notes of interest. Includes color plate of family grouping, and black and white photographs of habitat and managed burn.
- U.S. FOREST SERVICE, HURON NATIONAL FOREST. [n.d.]c. Kirtland's Warbler Management Area. Cadillac, Mich.: the author, 4p.
- Discusses management efforts. Includes map of management areas.
- U.S. OFFICE OF ENDANGERED SPECIES AND INTERNATIONAL ACTIVITIES, compiler. 1973. Threatened wildlife of the United States. U.S. Bureau of Sport Fisheries and Wildlife, Resource Publication no.114:175-176.
- Briefly outlines plumage, breeding rate, reasons for population decline, and protective measures undertaken.
- VAN TYNE, J. 1938. Checklist of the birds of Michigan. University of Michigan, Museum of Zoology, Occasional Papers no.379, 43p. [34].
- Lists Michigan counties in which Kirtland's Warbler is or has been

- resident. Notes 1 record north of the breeding range: 1885 [date unspecified], 1 specimen [sex unspecified], Spectacle Reef Lighthouse, northeast of Cheboygan [Mackinac Co.].
- VAN TYNE, J. 1939. Kirtland's Warbler at Kalamazoo, Michigan. Auk 56(4):480-481.
- 15 May 1886, 1 female specimen, Kalamazoo [Kalamazoo Co.]. Specimen is in the collection of the University of Michigan Museum of Zoology. Details previous incorrect reports of this specimen in W.B. Barrows (1912), M. Gibbs (1898), and N.A. Wood (1904).
- VAN TYNE, J., F.N. Hamerstrom, Jr., and F. Hamerstrom. 1942. [Breeding Bird census:] Jack Pine Barrens [Michigan]. Audubon, section 2, 44(5):30.
- 13-21 June 1942, 2 pairs with nests seen, Oscoda Co.
- VAN TYNE, J., F.N. Hamerstrom, Jr., and F. Hamerstrom. 1943. [Audubon Magazine's seventh breeding bird census:] Jack Pine Barrens [Michigan]. Audubon, section 2, 45(5):23-24 [23].
- 13-20 June 1943, 1 pair with nest seen, Oscoda Co.
- VAN TYNE, J., H.[F.] Mayfield, and L.D. Hiatt. 1944. [Audubon Magazine's eighth breeding bird census:] Jack Pine Barrens [Michigan]. Audubon, section 2, 46(5):23.
- 4-29 June 1944, 2 pairs with nests seen, Oscoda Co.
- VAN TYNE, J. 1947. Kirtland's Warbler. In: Peterson, R.T. 1947. A Field Guide to the Birds. Boston: Houghton-Mifflin, second edition, pp. 148-149, pl. 49.
- Describes physical characteristics, range, voice, and habitat. Includes color plate of male.
- VAN TYNE, J. 1951. The distribution of the Kirtland Warbler (*Dendroica kirtlandii*). International Ornithological Congress, Proceedings 10:537-544.
- Discusses breeding grounds, winter range, and spring and fall migrations. Includes maps of breeding range, winter range, and migration routes.
- VAN TYNE, J. 1953. *Dendroica kirtlandii* (Baird). Kirtland's Warbler. In: Bent, A.C. 1953. Life histories of North American wood warblers. U.S. National Museum, Bulletin no. 203, pp. 417-428, pl. 50-52. Also: London: Dover Press [reprinted 1963], 2 vol., 2:417-428, pl. 50-52.
- Covers aspects of the life history in depth, by excerpting descriptions from other important articles. Deposition notes are provided for several specimens. Includes black and white photographs of males and females, habitat, and nest with eggs.
- VAN TYNE, J. 1979. Kirtland's Warbler, *Dendroica kirtlandii*. In: Griscom, L. and A.M. Sprunt, Jr., eds. 1979. The Warblers of America, revised by E.M. Reilly, Jr. Garden City (N.Y.): Doubleday, pp. 131-133, pl. 16.
- Describes plumage, nesting behavior, voice, food habits, and range. Includes color plate of male and female, black and white illustration of bird [sex unspecified], and map of breeding range.
- VAN TYNE, J. see also D.A. Zimmerman (1959).
- VERNER, J. and M.F. Willson. 1969. Mating systems, sexual dimorphism, and the role of male North American passerine birds in the nesting cycle. Ornithological Monographs no. 9, 76p. [22].
- Kirtland's Warbler is listed as a normally monogamous species with polygyny reported but apparently abnormal. Also provides brief information on nest building, and time periods for incubation, nestlings, and fledglings.
- VINCENT, J. see International Union for Conservation of Nature and Natural Resources, Survival Service Commission (1966).
- VINCENT, J. see also J. Fisher, et al. (1969).
- VON BARGEN, J. 1969. Kirtland report. Michigan Audubon Newsletter 17(3):3.
- Reports briefly on the 1968 management efforts.
- VOOUS, K.H. 1977. List of recent Holarctic bird species. Passerines. Ibis 119(3):376-406 [392].
- Places Kirtland's Warbler in a somewhat different taxonomic relationship with the remainder of the Parulidae than G.H. Lowery, Jr. and B.L. Monroe, Jr. used in R.A. Paynter, Jr. (1968). Also refers briefly to R.M. Mengel (1964).

- VOSBURGH, J. 1964. The warblers and the tanks. Audubon Magazine 66(6):351.
- Describes conflict of interest between Kirtland's Warbler nesting season and National Guard maneuver dates. In 1964, tanks moved through nesting areas during the breeding season. After consultation between army officials and Michigan biologists, the area was declared off-limits from 1 May through mid-July for the next 10 years.
- WALKER, C.F. 1928. The seasons of birds in central Ohio as shown by six years' migration records. Ohio State Museum, Science Bulletin 1(1):9-23 [21].
- Notes that Kirtland's Warblers have been seen three times between 13 and 24 May, and once on 11 September during the years 1924-1927. [No specific data provided.]
- WALKINSHAW, L.H. 1932. With Kirtland's Warbler among the Jack Pines. Bird Lore 34(3):196-199.
- Describes a trip to visit the Kirtland's Warbler area of Michigan. Discusses nest, eggs, behavior, and habitat. Includes black and white photographs of male and female.
- WALKINSHAW, L.H. 1939. Kirtland's Warbler or the Jack-Pine Warbler. Jack Pine Warbler 17(4):97-98.
- Provides a brief history of human knowledge of the species through 1939.
- WALKINSHAW, L.H. 1940. A Kirtland's Warbler return. Jack Pine Warbler 18(3):91-92.
- Provides data on a female banded in 1938, and found in 1940 within 1,000 feet of her 1938 nest site.
- WALKINSHAW, L.H. 1956. Some corrections. Jack Pine Warbler 34(4):153-154 [154].
- Corrects G. Wickstrom (1953) to read "nest with 4 young, 1 egg."
- WALKINSHAW, L.H. 1971. Calhoun County [Michigan] wood warblers. Jack Pine Warbler 49(3):71-81 [77].
- 11 May 1883, 1 male specimen, Calhoun Co. Specimen was deposited in the collection of the University of Michigan Museum of Zoology.
- WALKINSHAW, L.H. 1972. Kirtland's Warbler - endangered. American Birds 26(1):3-9.
- Provides data on nesting success and nest parasitism, and sight and banding records from 1931-1971. Discusses possible reasons for reproductive failures, and steps to be taken to increase survival rates. Includes black and white photographs of female on nest, and habitat.
- WALKINSHAW, L.H. and W.R. Faust. 1974. Some aspects of the Kirtland's Warbler breeding biology. Jack Pine Warbler 52(2):64-75.
- Provides considerable data gathered on reproduction following Cowbird removal, on nestling returns, and on breeding of one year old individuals. Includes black and white photographs of male with young, at nest, habitat, nest with egg, and young.
- WALKINSHAW, L.H. and W.R. Faust. 1975. 1974 Kirtland's Warbler nesting success in northern Crawford County, Michigan. Jack Pine Warbler 53(2):54-58.
- Provides data detailing the effect of Cowbird removal on Kirtland's Warbler nesting success.
- WALKINSHAW, L.H. 1976a. Kirtland's and Blackpoll Warbler banding recoveries. Jack Pine Warbler 54(2):92-93.
- Outlines banding recoveries for 1973-1975 at Mack Lake, Oscoda Co., and provides a detailed history of a male eventually found dead in Cincinnati, Ohio. [See D. Hanson (1976) and L.R. [sic] Walkinshaw (1976b).]
- WALKINSHAW, L.R. [sic]. 1976b. A Kirtland's Warbler life history. American Birds 30(3):773-774.
- Provides all banding and recovery records for 1 male warbler eventually found dead in Cincinnati, Ohio. Notes that the specimen was deposited in the collection of the Cincinnati Museum. [See also D. Hanson (1976) and L.H. Walkinshaw (1976a).]
- WALKINSHAW, L.H. 1977a. An alternative view. Bird Watch 5(2):1-3.
- Discusses human and environmental factors affecting Kirtland's Warbler population size.
- WALKINSHAW, L.H. 1977b. History of a female Kirtland's Warbler and her descendants. Jack Pine Warbler 55(2):63-68.

Summarizes reproductive data for 1 female during the summers of 1970-1975, and provides additional data concerning her offspring. [See also L.H. Walkinshaw (1978).]

WALKINSHAW, L.H. 1978. The history of a female Kirtland's Warbler and her descendants. *Birding* 10(2):59-62.

Reprints L.H. Walkinshaw (1977b).

WALKINSHAW, L.H. 1979. Returns of the rare Kirtland's Warbler. *Ring* 9(101):93-96.

Briefly describes life history, and provides banding and recovery data.

WALKINSHAW, L.H. 1980. Some records of birds banded in Michigan. *Jack Pine Warbler* 58(4):131-141 [134-135].

Provides detailed banding and recovery data. Includes records of nesting success.

WALLACE, G.J. 1945. Seasonal records of Michigan birds....summer. *Jack Pine Warbler* 23(4):165-176 [174].

23 June 1945, 2 male sight records, Lovells [Crawford Co.].

WALLACE, G.J. 1946a. Seasonal records of Michigan birds...fall. *Jack Pine Warbler* 24(1):23-37 [33].

31 August 1945, 1 sight record [sex unspecified], Imlay City [Lapeer Co.]. [Record was later deleted; see Anonymous (1954).]

WALLACE, G.J. 1946b. Seasonal records of Michigan birds ... spring. *Jack Pine Warbler* 24(4):154-167 [155].

Notes that a Kirtland's Warbler was seen at Higgins Lake [Roscommon Co.] in the period May 30 - June 2 [1946]. [No specific data provided.]

WALLACE, G.J. and C.T. Black. 1948. Seasonal records of Michigan birds, summer and fall, 1947. *Jack Pine Warbler* 26(1):22-34 [32].

Notes records for Oscoda, Crawford, and Kalkaska Counties. Several nest records are included [locations unspecified].

WALLACE, G.J. and C.T. Black. 1949. Seasonal records of Michigan

birds. Summer and fall, 1948. *Jack Pine Warbler* 27(1):13-29 [15,17].

General observations of Kirtland's Warbler population size in Kalkaska Co. noted: decrease in one area, steady in another. [No specific data provided.]

WALLACE, G.J. 1965. Michigan bird survey, spring, 1965. *Jack Pine Warbler* 43(1):26-38 [35].

9 May 1964, 15 records [sexes and statuses unspecified], Mio [Oscoda Co.]; 8 May 1964, 1 sight record and 3 song records [sexes unspecified], Crawford Co.; 31 May 1964, 3 records [sexes and statuses unspecified], Presque Isle Co.

WALLACE, G.J. 1968. Another August record of Kirtland's Warbler on its wintering grounds. *Jack Pine Warbler* 46(1):7.

27 August 1967, 1 male sight record, Paradise Beach, on an island across the bay from Nassau, New Providence Island, Bahamas.

WALLACE, G.J. 1969. Endangered and declining species of Michigan birds. *Jack Pine Warbler* 47(3):70-75 [75].

Notes Kirtland's Warbler as an endangered species.

WALLACE, G.J. 1977. Environmental status of the Lake Michigan region. Volume 14. Birds of the Lake Michigan Drainage Basin. [U.S.] Argonne National Laboratory, Division of Environmental Impact Studies, Report Series ANL/ES-40, 112p. [23,86,91].

Lists Kirtland's Warbler as a very rare summer resident in the Basin [Mexford Co.]. Briefly notes season of occurrence, habitat (Jack Pines) and chief food (insects).

WALLACE, W.O. see A.B. Ulrey (1895a).

WALTERS, M. 1980. The Complete Birds of the World. Newton Abbot: David and Charles, 340 p. [289].

Kirtland's Warbler is listed with brief information on habitat, food, and number of eggs.

WARREN, B.H. 1890. Report on the Birds of Pennsylvania. Harrisburg: Myers, second edition, revised, 434p. [270,290,291].

Describes physical characteristics and habitat. Provides [incorrect] record for Pennsylvania: 25 June 1885, 1 specimen and unnumbered

- sight records, Dublin Gap Springs, Pennsylvania. [See W. Stone (1898).]
- WASHBURN, F.L. 1889. Recent capture of Kirtland's Warbler in Michigan, and other notes. *Auk* 6(3):279-280 [279].
- Latter part of April or early May 1888, 1 female specimen, Ann Arbor [Washtenaw Co.]. [According to N.A. Wood (1904), the correct report should read: 18 May 1888, 1 male specimen, Ann Arbor [Washtenaw Co.].]
- WAYNE, A.T. 1904. Kirtland's Warbler (Dendroica kirtlandi) on the coast of South Carolina. *Auk* 21(1):83-84.
- 29 October 1903, 1 male specimen, Mount Pleasant, South Carolina.
- WAYNE, A.T. 1910. Birds of South Carolina. Charleston Museum, Contributions 1, 254p. [xviii, 167-169].
- 27 April 1886, 1 male specimen, St. Helena Island, South Carolina; 11 October 1888, 1 female specimen, Chester, South Carolina; 29 October 1903, 1 male specimen, Mount Pleasant, South Carolina; Reviews other Atlantic states records, and speculates about the migration route. [See also A. Sprunt, Jr. (1931).]
- WAYNE, A.T. 1911. A third autumnal record of Kirtland's Warbler (Dendroica kirtlandi) for South Carolina. *Auk* 28(1):116.
- 4 October 1910, 1 female sight record, Oakland Plantation, Christ Church Parish, South Carolina.
- WEILAND, E.C. 1964. Michigan bird survey, summer 1963. *Jack Pine Warbler* 42(2):255-273 [268].
- 6 July 1963, 3 records [sexes and statuses unspecified], Kalkaska Co.; 16 June 1963, 2 records [sexes and statuses unspecified], Kalkaska Co.; 15 June 1963, 3 records [sexes and statuses unspecified], Kalkaska Co.; 20 June 1963, nest with 3 young (1 banded) [statuses unspecified], Presque Isle Co.
- WETMORE, A. 1926. The Migration of Birds. Cambridge: Harvard University Press, 217p. [207].
- Notes that the Kirtland's Warbler migrates from Michigan to the Bahamas.
- WETMORE, A. see also J.W. Aldrich (1964).
- WETMORE, A. see also H.W. Henshaw (1937).
- WHEATON, J.M. 1860. Catalogue of the birds of Ohio. Ohio State Board of Agriculture, Annual Report 15:359-380 [364, 374].
- 1851, 1 specimen [sex unspecified], Cleveland, Ohio; [n.d.], 1 specimen [sex unspecified], Cleveland, Ohio. On the basis of these records, Kirtland's Warbler is listed as a new species for Ohio.
- WHEATON, J.M. 1874. The food of birds as related to agriculture. Ohio State Board of Agriculture, Annual Report 29:561-578 [564].
- Lists Kirtland's Warbler status in Ohio as exceedingly rare in spring. Discusses food habits of warblers but makes no specific mention of Kirtland's Warbler.
- WHEATON, J.M. 1879. Kirtland's Warbler again in Ohio. Nuttall Ornithological Club, Bulletin 4(1):58.
- [1878], 1 male and 1 female specimens, Rockport, Cuyahoga Co., Ohio.
- WHEATON, J.M. 1882. Report on the birds of Ohio. Geological Survey of Ohio, Report 4:187-628 [263-265].
- Describes physical characteristics, cites H.A. Purdie's (1879) list of specimens, and provides a complete quotation of the Anonymous (1860) article in Ohio Farmer. [See Anonymous (1860).]
- WHELAN, M.E. 1952. A fall Kirtland's Warbler observation. *Jack Pine Warbler* 30(1):25.
- 29 September 1951, 1 sight record [sex unspecified], Muskegon [Muskegon Co.].
- WHORTON, C.M. and G.E. Gifford, Jr. 1973. Kirtland's Warbler and Nathan Leopold. *New England Journal of Medicine* 288(2):109-110.
- Presents letters to the editor concerning Leopold and his contributions both to ornithology and to medicine. [In response to Gifford, G.E., Jr. 1972.]
- WICKSTROM, G. 1951a. Seasonal records of Michigan birds, spring 1951. *Jack Pine Warbler* 29(3):91-101 [92, 99].
- Spring 1951, 1 new colony of 13 nesting Kirtland's Warblers seen, Iosco Co.

- WICKSTROM, G. 1951b. Seasonal records of Michigan birds summer, 1951. Jack Pine Warbler 29(4):107-114 [107,114].
- Notes nesting records for Crawford, Oscoda, and Iosco counties, and mentions new nesting area in Presque Isle Co. [No specific data provided.] Discusses the first census, which was undertaken in 1951.
- WICKSTROM, G. 1952a. Seasonal records of Michigan birds, fall, 1951. Jack Pine Warbler 30(1):7-24 [17].
- 29 September 1951, 1 record [sex and status unspecified], Muskegon [Muskegon Co.].
- WICKSTROM, G. 1952b. Seasonal records of Michigan birds, spring 1952. Jack Pine Warbler 30(3):79-92 [90].
- 17 May 1952, 5 records [sexes and statuses unspecified], Oscoda Co.;
 21 May 1952, 3 records [sexes and statuses unspecified], Oscoda Co.;
 24 May 1952, 8 records [sexes and statuses unspecified], Oscoda Co.;
 31 May 1952, 2 records [sexes and statuses unspecified], Onaway [Presque Isle Co.].
- WICKSTROM, G. 1952c. Seasonal records of Michigan birds, summer 1952. Jack Pine Warbler 30(4):125-131 [130].
- 21 May 1952, 3 males [statuses unspecified], near Tawas City [Iosco Co.]; 27 June 1952, 8 males [statuses unspecified], near Grayling [Crawford Co.]; 28 June 1952, 13 records, [sexes and statuses unspecified], Oscoda Co.; 5 July 1952, 12 males [statuses unspecified], between Eldorado and Grayling [Crawford Co.].
- WICKSTROM, G. 1953. Seasonal records of Michigan birds, spring 1953. Jack Pine Warbler 31(3):79-95 [91].
- 10 May 1953, 2 records [sexes and statuses unspecified], Mio [Oscoda Co.]; 15 May 1953, [number, sex, and status unspecified], Kalkaska Co. [For corrections, see L.H. Walkinshaw (1956).]
- WIDMANN, O. 1885. Note on the capture of *Coturniculus lecontei* and *Dendroica kirtlandi* within the city limits of St. Louis, Mo. Auk 2(4):381-382 [382].
- 8 May 1885, 1 male specimen, St. Louis, Missouri.
- WIDMANN, O. 1907. A preliminary catalogue of the birds of Missouri. Academy of Science of St. Louis, Transactions 17:1-296 [231].
- 8 May 1885, 1 male specimen, St. Louis, Missouri. Specimen was deposited in Washington University, St. Louis.
- WIGHT, H.M. see R.D. Sparrowe (1975).
- WILLIAMS, A.B. 1944. The Kirtland Warbler in the Cleveland Region. Cleveland Bird Calendar 40(1):8.
- 7 October 1934, 2 sight records [sexes unspecified], Cleveland, Ohio;
 2 September 1935, 1 sight record [sex unspecified], Cleveland, Ohio;
 8 September 1940, 1 sight record [sex unspecified], Cleveland, Ohio;
 5 October 1941, 2 sight records [sexes unspecified], Cleveland, Ohio;
 26 September 1943, 1 sight record [sex unspecified], Cleveland, Ohio.
- WILLSON, M.F. see J. Verner (1969).
- WINCH, C.L. see C.B. Cory (1891b).
- WING, L.W. 1933. Summer warblers of the Crawford County, Michigan, uplands. Wilson Bulletin 45(2):70-76 [72-73].
- Comments briefly on habitat and song, and discusses the theory that the Kirtland's Warbler is a very old species, and the "most primitive member of the genus."
- WOOD, J.C. 1908. The Kirtland and Pine Warblers in Wayne Co., Michigan. Auk 25(4):480.
- 30 May 1907, 1 sight record [sex unspecified], Hamtramck Township, [Wayne Co.].
- WOOD, N.A. 1902. Capture of Kirtland's Warbler at Ann Arbor, Michigan. Auk 19(3):291.
- 14 May 1902, 1 female specimen, Ann Arbor [Washtenaw Co.].
- WOOD, N.A. 1903. Some rare Washtenaw County warblers. Michigan Ornithological Club, Bulletin 4(3):81.
- 14 May 1902, 1 female specimen, Washtenaw Co.
- WOOD, N.A. 1904. Discovery of the breeding area of Kirtland's Warbler. Michigan Ornithological Club, Bulletin 5(1):1-13.
- Describes the discovery of the nest, the behavior and song of the adult, and bird life and botany of the breeding area. Provides data

on 23 birds taken in Michigan, and on 8 sight records. At least 16 of the specimens were deposited in the University of Michigan Museum of Zoology. Includes black and white photographs of habitat, nest, and egg. [See also J.A. Allen (1904), E.H. Brigham, Jr. (1943), L. Jones (1904a), and J. Van Tyne (1939).]

WOOD, N.A. 1905a. Kirtland's Warbler. Michigan Ornithological Club, Bulletin 6(162):21.

6 May [1905?], 1 male sight/song record, Ann Arbor [Washtenaw Co.].

WOOD, N.A. and E.H. Frothingham. 1905b. Notes on the birds of the Au Sable Valley, Michigan. Auk 22(1):39-54 [52].

July 1904, numerous sight and song records, and numerous specimens collected [sexes unspecified], Crawford Co.

WOOD, N.A. 1906. Twenty-five years of bird migration at Ann Arbor, Michigan. Michigan Academy of Science, Report 8:151-156 [156,table].
Details earliest arrival date (6 May) and first arrival dates for the years 1875-1905.

WOOD, N.A. 1908. Notes on the spring migration (1907) at Ann Arbor, Michigan. Auk 25(1):10-15 [12].

Kirtland's Warbler arrived 13-16 May 1907; the arrival time was normal, but the birds remained longer because of bad weather.

WOOD, N.A. 1912. Notes on Michigan birds. Michigan Academy of Science, Report 14:159-162 [160].

10 May 1911, 1 sight record [sex unspecified], Ann Arbor, [Washtenaw Co.].

WOOD, N.A. 1916. 505. Kirtland Warbler. In: Maynard, C.J. 1916. A Field Ornithology of the Birds of Eastern North America. West Newton, Mass.: C.J. Maynard, p. 446.

Provides a brief plumage description, and a note concerning range and behavior. Includes black and white drawing of male.

WOOD, N.A. 1926. In search of new colonies of Kirtland Warblers. Wilson Bulletin 38(1):11-13.

Includes miscellaneous sight records, and comments on the various claims for recognition of the "type egg."

WOOD, N.A. and A.D. Tinker. 1934. Fifty years of bird migration in the Ann Arbor region of Michigan, 1880-1930. University of Michigan, Museum of Zoology, Occasional Papers no.280, 56p. [44].

Lists 6 May as the earliest date Kirtland's Warbler was seen in the period 1880-1905, and 9 May as the earliest date the species was seen in the period 1906-1930. In the latter period, Kirtland's Warblers were also seen on 9,10,13 and 21 May.

WOOD, N.A. 1951. The birds of Michigan. University of Michigan, Museum of Zoology, Miscellaneous Publications no.75, 559p. [402-404].

Summarizes Kirtland's Warbler records for Michigan through 1943. Deposition records are noted if known.

WOOD, N.A. see also F.M. Chapman (1907).

WOODFORD, J. 1959. Migrant Kirtland's Warbler mist-netted. Bird Banding 30(4):234.

10 May 1959, 1 male banded and released, Pt. Pelee National Park, Ontario. Notes measurements, weight, and other Pt. Pelee records for Kirtland's Warbler.

WOODFORD, J. 1960. The Kirtland's Warbler in Ontario: 1900-1959. Ontario Bird Banding Association, Contributions 1(1):3-6.

Discusses 12 Ontario records. Includes distribution map of records.

WOODRUFF, F.M. 1907. The birds of the Chicago area. Chicago Academy of Sciences, Bulletin no.6, 221p. [165-168].

7 May 1894, 1 specimen [sex unspecified], Du Page Co., Illinois;
22 May 1899, 1 male specimen, Morgan Park, Illinois. Discusses breeding grounds and includes quotation from N.A. Wood (1904).

WORTHINGTON, W.W. see Anonymous (1902).

WRAY, D.L. see T.G. Pearson (1959).

WRIGHT, H.F. see C.F. Marks (1950).

ZIM, H.S. see C.S. Robbins, et al. (1966).

- ZIMMERMAN, D.A. and J. Van Tyne. 1959. A distributional check-list of the birds of Michigan. University of Michigan, Museum of Zoology, Occasional Papers no.608, 63p. [48].
- Lists counties for which there are breeding records, and cites 3 additional records outside of the breeding range: 21 May 1926, 1 specimen [sex unspecified], Fish Point, Tuscola Co.; 10 May 1955, 1 male sight record, Saginaw [Saginaw Co.]; 21 May 1885, 1 female specimen, Spectacle Reef Lighthouse [Mackinac Co.]. The Spectacle Reef specimen was deposited in the collection of the University of Michigan Museum of Zoology.
- ZIMMERMAN, D.R. 1975a. Panic in the pines. Audubon 77 (3):88-111. Provides a history of human interaction with the Kirtland's Warbler, and of management efforts through 1974. Includes color illustration of male.
- ZIMMERMAN, D.R. 1975b. To Save a Bird in Peril. New York: Coward, McCann, and Geoghegan, Inc., 286p. [183-208].
- Provides a history of human interaction with, and attempts to conserve, the Kirtland's Warbler. Summarizes individual workers' personal contributions to research through 1974.
- ZISWILER, V. see F. Bunnell (1967).
- ZUCHOLD, E.A. 1854. Literarische notizen. Journal fuer Ornithologie 2:353-355 [354-355].
- Notes S.F. Baird's (1852) description of the type specimen. Article is in German.
- ANONYMOUS. [Kirkpatrick, J.] 1860. Kirtland's Warbler. Ohio Farmer 9 (9 June 1860):179.
- [Late spring 1860], 1 female specimen, Cleveland, Ohio; specimen was given to R.K. Winslow and subsequently lost. [Reference not verified; see complete quotation in J.M. Wheaton (1882).]
- ANONYMOUS. [Martin, J.W.] 1901a. Kirtland's Warbler. Petrel 1(1):15. Provides a brief discussion on the Kirtland's Warbler and refers to E. Coues (1884), R. Ridgway (1884), and A.J. Cook (1893).
- ANONYMOUS. [Martin, J.W.] 1901b. Two warblers new to Canada. Petrel 1(1):9.
- 16 May 1900, 1 specimen [sex unspecified], near Toronto, Ontario.
- ANONYMOUS. [Greene, R.F.] 1902. A successful collector [W.W. Worthington]. American Society of Curio Collectors, Year Book 1902:64-65 [64].
- Mentions that Worthington secured the sixth known specimen of Kirtland's Warbler taken in the United States. It was collected along the South Carolina coast. [No specific data provided.]
- ANONYMOUS. [Allen, J.A.] 1903a. [News report on the discovery of the nest of the Kirtland's Warbler.] Auk 20(4):459-460.
- Notes that the discovery of the breeding area by N.A. Wood was announced by the University of Michigan Museum. [See N.A. Wood (1904).]
- ANONYMOUS. [Jones, L.] 1903b. Kirtland Warbler (Dendroica kirtlandi) found breeding. Wilson Bulletin 15(3), no.44:101.
- Offers congratulations on the discovery of the breeding area. [No specific data provided.]
- ANONYMOUS. [Childs, J.L.] 1904a. Eggs of Kirtland's Warbler taken. Warbler [Floral Park, N.Y.] (ser.1) 2(4):60..
- Notes that the first nest with four fresh eggs had been collected. [No specific data provided. See E. Arnold (1904c).]
- ANONYMOUS. [Jones, L.] 1904b. All day with the birds. Wilson Bulletin 16(2), no.47:37-42 [42].
- 9 May 1904, 1 record [sex and status unspecified], Oberlin, Ohio. [See also Anonymous (1904c).]
- ANONYMOUS. [Jones, L.] 1904c. Oberlin all day with the birds. 1904. Wilson Bulletin 16(2), no.47:43-50 [45-46,50].
- 9 May 1904, 1 male sight record, Oberlin, Ohio..
- ANONYMOUS. [Childs, J.L.] 1906a. Ornithological collection of John Lewis Childs, Floral Park, N.Y. Warbler [Floral Park, N.Y.] (ser.2) 2(4):66-106 [99].
- Lists for Child's collection: 1 male specimen and 1 female specimen, 5 eggs, and 1 nest with 4 eggs, all collected during June in Michigan. [No specific data provided.]

- ANONYMOUS. [Davies, L.M.] 1906b. The birds of Cleveland, Ohio, and vicinity. *Wilson Bulletin* 18(4), no.57:110-120 [112,118-119].
- 14 October 1886, 1 specimen [sex unspecified], [Cleveland, Ohio]. Theorizes that the Kirtland's Warbler migrates through the Muskingum and Cuyahoga Valleys.
- ANONYMOUS. 1925. Jack-Pine Warbler Sanctuary. *Michigan Audubon Society, Quarterly Newsletter* 3(3):5.
- Makes note of Mr. and Mrs. W.E. Hastings' and Prof. and Mrs. N.A. Wood's survey of areas for a Jack Pine Warbler sanctuary.
- ANONYMOUS. 1954. Seasonal records of Michigan birds - errata. *Jack Pine Warbler* 32(3):86.
- Deletes the report of a Kirtland's Warbler in 1946. [See G.J.J. Wallace (1946a).]
- ANONYMOUS. 1961. Proposed Kirtland Warbler management area. *Michigan Audubon Newsletter* 9(5):8.
- Mentions U.S. Forest Service resolution to manage areas of Michigan national forests to maintain ample nesting grounds for Kirtland Warblers. Also notes that Michigan Audubon Society will donate \$100 per year for 5 years for such management.
- ANONYMOUS. 1963a. Kirtland's Warbler preserve to be dedicated. *Michigan Audubon Newsletter* 11(3):3.
- Announces the dedication of a managed area in the Huron National Forest, "the first time management has been extended to a song bird."
- ANONYMOUS. 1963b. More lands dedicated for Kirtland's Warbler. *Michigan Conservation* 32(3):16.
- Notes the establishment of management areas.
- ANONYMOUS. 1964. Pop-cone party on docket. *Michigan Audubon Newsletter* 12(2):4.
- Announces the planned burn of 400 acres in the Huron National Forest to renew habitat areas.
- ANONYMOUS. 1971a. M.A.S. acts on warbler crisis. *Michigan Audubon Newsletter* 19(6):5.
- Notes the establishment and the funding of a Kirtland's Warbler Advisory Committee.
- ANONYMOUS. 1971b. Why so few? Kirtland Warbler decline noted. *Michigan Audubon Newsletter* 19(5):1-3.
- Reports on the 1971 census, during which 201 males were counted in 6 Michigan counties, and discusses the steps being taken to preserve the population. Includes black and white photographs of bird [sex unspecified] at nest with downy young, and habitat.
- ANONYMOUS. 1972a. Kirtland Project response. *Michigan Audubon Newsletter* 20(1):7.
- Reports on contributions to the Kirtland's Warbler fund.
- ANONYMOUS. 1972b. Project response grows. *Michigan Audubon Newsletter* 20(2):4.
- Reports on financial donations to the Kirtland's Warbler Project.
- ANONYMOUS. 1972c. Warbler's status confirmed. *Michigan Audubon Newsletter* 20(4):3.
- Reports briefly on the 1972 census.
- ANONYMOUS. 1972d. What happened to K.W.? *Michigan Audubon Newsletter* 20(2):4.
- Discusses several possible explanations for the decline in population size.
- ANONYMOUS. 1973. Downward trend reversed? *Michigan Audubon Newsletter* 21(4):1-2.
- Reports briefly on the 1973 census, during which 216 males were counted in 5 counties. Discusses results of the Cowbird control program, and requests restrictions on visits to the breeding grounds.
- ANONYMOUS. 1974a. Downward trend reversed for Kirtland's Warbler? *Atlantic Naturalist* 29(1):28.
- Excerpts a brief report on the 1973 census from Anonymous (1973).
- ANONYMOUS. 1974b. Kirtland's Warbler committee meets. *Michigan Audubon Newsletter* 22(5/6):4.

Expresses concern over the sharp population decline in 1974. Also notes that the Endangered Species Act calls for the establishment of a recovery team and a recovery plan. Black and white photograph of bird [sex unspecified] included.

ANONYMOUS. 1974c. K.W. census disappointing. Michigan Audubon Newsletter 22(4):1,3.

Reports briefly on the 1974 census, during which 167 males were counted in 5 counties.

ANONYMOUS. 1974d. New interpretive center for Kirtland's Warbler. Michigan Audubon Newsletter 22(3):2.

Describes the establishment of a central area for tourist visits and for tour coordination.

ANONYMOUS. 1974e. Unusual winter birds. Museum Memo 1(1), 2p.

This item is indexed in Zoological Record as a New Brunswick winter sight record of Dendroica kirtlandii. According to personal communications with Zoological Record, the Museum Memo was published by New Brunswick Museum, Nova Scotia. However, volume 1, number 1 was published in 1969, and the article of the same title which appears makes no mention of Kirtland's Warbler.

ANONYMOUS. 1974f. Warbler committee meets. Michigan Audubon Newsletter 22(1):2.

Discusses effects of the energy crisis and of visitor problems on Kirtland's Warbler recovery efforts.

ANONYMOUS. 1975a. Final '75 warbler tally. Michigan Audubon Newsletter 23(4):7.

Reports briefly on the 1975 census, during which 179 males were counted in 6 Michigan counties.

ANONYMOUS. 1975b. Kirtland's Warbler reports. Michigan Audubon Newsletter 23(2):5.

Reports on management efforts; the naming of the Recovery Team, the establishment of a fund drive, and the restriction of visitors to the breeding grounds.

ANONYMOUS. 1975c. A successful K.W. summer? Michigan Audubon Newsletter 23(4):7.

Notes briefly the nesting success for the 1975 breeding season, and mentions land use difficulties with the National Guard.

ANONYMOUS. 1975d. Update: Kirtland's Warblers. Audubon 77(6):124.

Reports briefly on the 1975 census during which 179 males were counted, and discusses possible limitations on population size.

ANONYMOUS. 1976a. '76 census shows gains. Michigan Audubon Newsletter 24(3):1.

Reports briefly on the 1976 census, during which 199 males were counted.

ANONYMOUS. 1976b. J.P.W. shares in celebration. Michigan Audubon Newsletter 24(3):1,7.

Notes the designation of the Kirtland's Warbler as Michigan's "Bicentennial Bird" and describes current management efforts.

ANONYMOUS. 1976c. Kirtland's Warbler Day. Michigan Audubon Newsletter 24(3):2.

Notes that a Kirtland's Warbler Day was held 13 May 1976 at Kirtland Community College, near Roscommon, Michigan.

ANONYMOUS. 1976d. Kirtland's Warbler in '76. Michigan Audubon Newsletter 24(2):4.

Announces restrictions and guided tour schedules for the 1976 nesting season.

ANONYMOUS. [Horton, K.J., ed.] 1977a. Kirtland's Warbler census shows 9.5% gain. Michigan Audubon Newsletter 25(4):1-2.

Presents results of the 1977 census: 219 singing males recorded for 6 Michigan counties and Ontario. Briefly notes the history of the census and of management efforts.

ANONYMOUS. 1977b. Kirtland's Warbler nesting success revealed. Michigan Audubon Newsletter 25(5):2.

Reports on 1977 nesting success, and calls for donations to the Kirtland's Warbler fund.

ANONYMOUS. 1977c. Kirtland's Warbler project report. Bird Watch

5(2):1.

Notes studies proposed by the Bird Populations Institute, Kansas State University.

ANONYMOUS. 1977d. K.W. fund needs gifts. Michigan Audubon Newsletter 25(2):5.

Calls for donations to support the guide service and for Cowbird control.

ANONYMOUS. 1977e. The Ontario endangered and threatened species program. Ontario Fish and Wildlife Review 16(4):3-25 [3,19-20].

Attributes decline in population size to loss of habitat and to Cowbird parasitism. Mentions several Ontario records with specific data on one: June and July 1977, 1 male banded, near Pembroke, Ontario. Notes that Ontario Ministry of Natural Resources will conduct surveys to search for a breeding population.

ANONYMOUS. 1978a. The Kirtland's Warblers. Michigan Audubon 26(3):1-2.

Reports briefly on the 1978 census, and notes that Kirtland's Warblers were also sighted in Wisconsin, Ontario, and Quebec.

ANONYMOUS. 1978b. K.W. recovery team meets. Michigan Audubon 26(4):7. Presents results of management efforts for 1978.

ANONYMOUS. 1978c. Warbler census, tours set. Michigan Audubon 26(2):4.

Announces restrictions and tour arrangements for the 1978 season.

ANONYMOUS. 1979a. Kirtland's Warbler count up. Michigan Audubon 27(3):6.

Reports briefly on the 1979 census, during which 210 males were counted in 6 counties.

ANONYMOUS. 1979b. K.W. in the U.P.? Michigan Audubon 27(2):4.

Requests volunteer surveyors for the Upper Peninsula of Michigan.

ANONYMOUS. 1980a. 1980 warbler search. Michigan Audubon 28(2):6.

Requests volunteers for census efforts and information on sightings.

ANONYMOUS. 1980b. "Bird of Fire" - a new song. Michigan Audubon 28(5):4.

Announces the composition of a song; all proceeds from for-profit performances will benefit the Kirtland's Warbler fund.

ANONYMOUS. 1980c. The great bird election. Michigan Audubon 28(3):1,3.

Explains why the Kirtland's Warbler was not a popular choice for state bird in 1929.

ANONYMOUS. 1980d. Kirtland's Warbler count shows 15 percent gain. Michigan Audubon 28(3):5.

Presents results of 1980 survey: 242 singing males in 6 Michigan counties. Mentions locations of census counts outside breeding areas in past years.

ANONYMOUS. 1980e. The Kirtland's Warbler needs your help. Michigan Audubon 28(2):6.

Requests donations. Includes black and white photograph of bird [sex unspecified].

ANONYMOUS. 1980f. K.W. tours schedule. Michigan Audubon 28(2):6.

Calls for donations, and provides tour information.

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 Buchheister, C.W. 1963
 Bunnell, F. 1967
 Calkins, J. 1963
 Capen, D.E. 1979
 Chamberlain, D. 1978b
 Curry-Lindahl, K. 1972
 Ducey, J. 1978
 Fisher, J. 1969
 Graham, F., Jr. 1977
 Halliday, T. 1978
 Hanson, D. 1975
 Horton, K. 1975
 International Union... 1966
 Landis, L. 1972
 Line, L.D. 1964, 1972
 Mackenzie, J.P.S. 1977
 Mayfield, H.F. 1960, 1963a, 1963b, 1965, 1972a, 1974, 1977b, 1978

Michigan Audubon Society. [n.d.]
 [Michigan] Department of
 Natural Resources. [n.d.]
 Radtke, R. 1963

MANAGEMENT EFFORTS, cont.

Ryel, L.A. 1978a
 Sayre, R. 1972, 1973
 Schneegas, E.R. 1975
 Shake, W.F. 1975
 Simon, N. 1970
 Smith, R.L. 1976
 Storer, R.W. 1973
 Stricker, V. 1965
 U.S. Committee on Rare... 1968
 U.S. Department of Interior. 1975
 U.S. Forest Service... [n.d.]a,
 [n.d.]b, [n.d.]c
 U.S. Office of Endangered
 Species... 1973
 Von Bargen, J. 1969
 Vosburgh, J. 1964, 1969
 Walkinshaw, L.H. 1972
 Wetmore, A. 1964
 Zimmerman, D.R. 1975a, 1975b
 Anonymous. 1925, 1961, 1963a, 1963b, 1964, 1971a, 1971b, 1972a, 1972b, 1973, 1974b, 1974d, 1974e, 1975b, 1975c, 1976b, 1976d, 1977a, 1977b, 1977d, 1977e, 1978b, 1978c, 1980a, 1980d, 1980e, 1980f

MANAGEMENT EFFORTS see also
HUMAN INTERACTIONS

MAPS

Adams, C.C. 1904
 Berger, A.J. 1968c
 Bull, J. 1977
 Clench, M.H. 1973
 Douglass, D.W. 1952
 Kenaga, E.E. 1956
 Mayfield, H.F. 1960, 1961a, 1962a, 1965c, 1972a, 1973b, 1978
 Ryel, L.A. 1978a
 Tilghman, N.G. 1979
 U.S. Forest Service... [n.d.]c
 Van Tyne, J. 1951, 1957
 Woodford, J. 1960

MAPS see also ILLUSTRATIONS

MIGRATION

Adams, C.C. 1904
Averill, C.K. 1920
Baird, R.L. 1905
Boardman, E.T. 1937
Borror, D.J. 1950
Butler, A.W. 1893, 1897
Campbell, L.W. 1931
Chapman, F.M. 1898, 1907
Clench, M.H. 1973
Cooke, W.W. 1904a, 1904b, 1905a, 1905b
Covert, A.B. 1903
Figgins, J.D. 1945
Loomis, L.M. 1891
Mayfield, H.F. 1960, 1975a
Pickens, A.L. 1928
Preble, E.A. 1930
Stejneger, L. 1899
Trautman, M.B. 1979
Van Tyne, J. 1951, 1953
Walker, C.F. 1928
Wayne, A.T. 1910
Wetmore, A. 1926
Wood, N.A. 1906, 1908, 1934
Anonymous. 1906b

MYOLOGY

Berger, A.J. 1968a

NEST AND NESTING

Abbott, G.A. 1915
Adams, C.C. 1903
Anderson, W.L. 1976
Arnold, E. 1904a, 1904b
1904c, 1905
Averill, C.K. 1922
Barrows, W.B. 1904, 1921
Belyea, G.Y. 1980
Berger, A.J. 1968c
Blain, A.W., Jr. 1903
Brown, J.L. 1969
Burns, F.L. 1921, 1924
Chapman, F.M. 1907
Harrison, C. 1978
Holden, F.M. 1960, 1964
Ingersoll, E. 1882
Johnson, D.H. 1979

NEST AND NESTING, cont.

Kelley, A.H. 1967, 1969b, 1970, 1971
Kenaga, E.E. 1956, 1961
Leopold, N.F., Jr. 1924
Line, L.D. 1964, 1965
Mayfield, H.F. 1960, 1961a, 1961b, 1961c, 1975b, 1977b, 1978
Middleton, D.S. 1966a
Nichols, L.N. 1936
Orf, C.D. 1975
Radabaugh, B.E. 1972a, 1972b
Short, E.H. 1904
Southern, W.E. 1961
Trautman, P.A. 1934
Teale, E.W. 1950
Trautman, M.B. 1979
Van Tyne, J. 1942, 1943, 1944, 1953, 1957
Verner, J. 1969
Walkinshaw, L.H. 1932, 1972, 1974, 1975, 1980
Wallace, G.J. 1948
Weiland, E.C. 1964
Wickstrom, G. 1951a, 1951b
Wood, N.A. 1904, 1905b, 1926
Anonymous. 1904a, 1906a, 1975c, 1977b

NESTING AREAS see BREEDING GROUNDS

ORIGINS

Amadon, D. 1953
Mayfield, H.F. 1960, 1975a
Mengel, R.M. 1964
Radabaugh, B.E. 1965a
Trautner, P.A. 1905
Wing, L.W. 1933

POPULATION STATUS

American Ornithologists' Union. 1977

Brown, J.L. 1969
Chamberlain, D. 1978b
Kelley, A.H. 1974b

POPULATION STATUS, cont.

Mayfield, H.F. 1960, 1961a, 1962a, 1963a, 1972a, 1973a, 1975b, 1978
Middleton, D.S. 1966a
Mooney, E.C. 1974
Ryel, L.A. 1978a, 1979b
Simon, N. 1970
Taverner, P.A. 1905, 1919
Tilghman, N.G. 1979
Trautman, M.B. 1979
U.S. Committee on Rare... 1968
U.S. Office of Endangered Species... 1973
Walkinshaw, L.H. 1972, 1975, 1977a
Wallace, G.J. 1949
Weiland, E.C. 1964

POPULATION STATUS see also CENSUS

RANGE see BREEDING GROUNDS, MIGRATION, and WINTERING GROUNDS

RECORDS AND STATUS NOTES

Comprehensive Treatment

Clench, M.H. 1973
Mayfield, H.F. 1960

Alabama

Howell, A.H. 1924
Saunders, A.A. 1908

Bahamas

Baird, S.F. 1864, 1905
Bangs, O. 1900
Blanchard, D. 1965
Bond, J. 1940, 1947, 1951, 1971

Bonhote, J.L. 1903

Brudenell-Bruce, P.G.C. 1975
Butler, A.W. 1893, 1897
Challinor, D., Jr. 1962
Chapman, F.M. 1898, 1908

RECORDS AND STATUS NOTES, cont.

Bahamas, cont.

Clench, M.H. 1978
Cory, C.B. 1879, 1880, 1885, 1886b, 1891a, 1891b, 1892
Coues, E. 1878
Davie, O. 1898
Hellmayr, C.E. 1935
Hudley, M.H. 1967
Jennings, A.H. 1888
Mayfield, H.F. 1960, 1972b
Maynard, C.J. 1881, 1884
Purdie, H.A. 1879
Radabaugh, B.E. 1974
Ridgway, R. 1891
Riley, J.H. 1905
Robertson, W.B., Jr. 1971
Studer, J.H. 1881
Townsend, C.H. 1927
Van Tyne, J. 1953
Wallace, G.J. 1968

Canada

Aird, P.L. 1978
Chamberlain, D. 1978b
Macoun, J. 1900, 1909

Canada see also Ontario and Quebec

Florida

Bailey, H.H. 1925
Chapman, F.M. 1898
Cory, C.B. 1898
Ellis, J.B. 1915
Hellmayr, C.E. 1935
Howell, A.H. 1932
Mayfield, H.F. 1960
McClanahan, R.C. 1935, 1936
Schroder, H.H. 1923
Sprunt, A., Jr. 1954
Stevenson, H.M. 1959, 1962

Georgia

Burleigh, T.D. 1958
Fargo, W.G. 1934

RECORDS AND STATUS NOTES, cont.

Georgia, cont.

Greene, E.R. 1945
Helme, A.H. 1904
Mayfield, H.F. 1960
Sprunt, A., Jr. 1936

Illinois

Blackweider, E. 1899
Chapman, F.M. 1898, 1899
Cory, C.B. 1909
Ford, E.R. 1934, 1956
Gault, B.T. 1894, 1922
Jones, L. 1895
Moyer, L.B. 1908
Musseiman, T.E. 1921
Ridgway, R. 1914
Schantz, O.M. 1928
Smith, H.R. 1955
Woodruff, F.M. 1907

Indiana

Butler, A.W. 1890,
1893, 1895, 1897
Chapman, F.M. 1898
Dennis, D.W. 1905
Esten, S.R. 1938
Ford, E.R. 1934
Marks, C.F. 1950
Mayfield, H.F. 1960
Petry, L.C. 1909
Stejneger, L. 1899
Test, L.A. 1939
Ulrey, A.B. 1895a, 1895b

Kentucky

Figgins, J.D. 1945

Maryland

Kirkwood, F.C. 1895

Massachusetts

Bagg, A.C. 1937
Bailey, W. 1955
Forbush, E.H. 1925
Sherman, J.W. 1917

RECORDS AND STATUS NOTES, cont.

Mexico

Lane, J. 1975
Michigan (Comprehensive lists,
or county unspecified)

Boardman, E.T. 1937
Burgoyne, G.E., Jr. 1978
Covert, A.B. 1876
Ford, E.R. 1931
Gibbs, M. 1879
Hellmayer, C.E. 1935
Mayfield, H.F. 1960
Pinkowski, B.C. 1976a, 1978b
Trautman, M.B. 1979
Van Tyne, J. 1953
Wood, N.A. 1951
Zimmerman, D.A. 1959
Anonymous. 1906a, 1978a

Michigan, Alcona Co.

Burgoyne, G.E., Jr. 1978
Mayfield, H.F. 1953, 1960,
1962a, 1972a
Ryel, L.A. 1976b, 1978b, 1979a
1979c, 1980a, 1980b, 1980c
Van Tyne, J. 1938
Wood, N.A. 1951
Zimmerman, D.A. 1959

Michigan, Alpena Co.

Mayfield, H.F. 1960
Zimmerman, D.A. 1959

Michigan, Berrien Co.

Kenaga, E.E. 1959, 1960

Michigan, Calhoun Co.

Barrows, W.B. 1912
Butler, A.W. 1893, 1897
Chapman, F.M. 1898
Cook, A.J. 1893
Gibbs, M. 1885
Ridgway, R. 1864
Walkinshaw, L.H. 1971
Wood, N.A. 1904, 1951

RECORDS AND STATUS NOTES, cont.

Michigan, Clare Co.

Barrows, W.B. 1921
Mayfield, H.F. 1960
Van Tyne, J. 1938
Wood, N.A. 1951
Zimmerman, D.A. 1959

Michigan, Crawford Co.

Axtell, H.H. 1938
Barrows, W.B. 1912
Belyea, G.Y. 1980
Berger, A.J. 1968c
Black, C.T. 1949, 1950, 1954
Burgoyne, G.E., Jr. 1978
Carleton, G. 1954
Cuthbert, N.L. 1964
Frothingham, E.H. 1906
Gross, M.R. 1937
Holden, F.M. 1960, 1964
Kelley, A.H. 1967, 1969b,
1970, 1971
Kenaga, E.E. 1959, 1960, 1961
Mayfield, H.F. 1953, 1960,
1962a, 1972a, 1973a
Middleton, D.S. 1961
Peterson, Mrs. T. 1941
Pinkowski, B.C. 1978a
Ryel, L.A. 1976a, 1976b, 1978b,
1979a, 1979c, 1980a, 1980b,
1980c

Strong, W.A. 1919
Trautman, M.B. 1979
Van Tyne, J. 1938, 1953

Walkinshaw, L.H. 1940, 1972,
1975, 1977b, 1980

Wallace, G.J. 1945,
1948, 1965

Wickstrom, G. 1951b, 1952c

Wing, L.W. 1933

Wood, N.A. 1904, 1905b,
1926, 1951

Zimmerman, D.A. 1959
Anonymous. 1977a, 1980d

Michigan, Losco Co.

Barrows, W.B. 1921
Black, C.T. 1954
Burgoyne, G.E., Jr. 1978
Kenaga, E.E. 1956

RECORDS AND STATUS NOTES, cont.

Michigan, Losco Co., cont.

Mayfield, H.F. 1953, 1960,
1962a, 1972a
Middleton, D.S. 1966a
Ryel, L.A. 1976b, 1978b, 1979a,
1979c, 1980a, 1980b, 1980c
Van Tyne, J. 1938
Walkinshaw, L.H. 1972
Wickstrom, G. 1951a, 1951b,
1952b, 1952c
Wood, N.A. 1951
Zimmerman, D.A. 1959
Anonymous. 1980d

Michigan, Kalamazoo Co.

Barrows, W.B. 1912, 1921
Batts, H.L., Jr. 1957
Gibbs, M. 1898
Van Tyne, J. 1939
Wood, N.A. 1904, 1951

Michigan, Kalkaska Co.

Black, C.T. 1949, 1954, 1955
Burgoyne, G.E., Jr. 1978
Cuthbert, N.L. 1963, 1964
Harger, E. 1965
Kenaga, E.E. 1959, 1961
Mahan, H.D. 1963
Mayfield, H.F. 1953, 1960,
1962a, 1972a

Ryel, L.A. 1976a, 1976b, 1978b,
1979a, 1979c, 1980a, 1980b,
1980c

Van Tyne, J. 1938

Wallace, G.J. 1948, 1949

Weiland, E.C. 1964

Wickstrom, G. 1953

Wood, N.A. 1951

Zimmerman, D.A. 1959
Anonymous. 1977a, 1980d

Michigan, Lapeer Co.

Wallace, G.J. 1946a
Anonymous. 1954

RECORDS AND STATUS NOTES, cont.

Michigan, Mackinac Co.

Barrows, W.B. 1912
Butler, A.W. 1893, 1897
Chapman, F.M. 1898
Cook, A.J. 1893
Merriam, C.H. 1885
Van Tyne, J. 1938
Wood, N.A. 1904, 1951
Zimmerman, D.A. 1959

Michigan, Missaukee Co.

Zimmerman, D.A. 1959

Michigan, Monroe Co.

Kelley, A.H. 1969a

Michigan, Montmorency Co.

Burgoyne, G.E., Jr. 1978
Kenaga, E.E. 1960
Mayfield, H.F. 1953, 1960,
1962a, 1972a
Ryel, L.A. 1976b, 1978b, 1979a,
1979c, 1980a, 1980b, 1980c
Trautman, M.B. 1979
Van Tyne, J. 1938
Walkinshaw, L.H. 1972
Wood, N.A. 1951
Zimmerman, D.A. 1959

Michigan, Muskegon Co.

Whelan, M.E. 1952
Wickstrom, G. 1952a

Michigan, Oakland Co.

Kelley, A.H. 1966, 1974a,
1978
Nickell, W.P. 1965a, 1965b

Michigan, Ogemaw Co.

Black, C.T. 1950
Burgoyne, G.E., Jr. 1978
Mahan, H.D. 1963
Mayfield, H.F. 1960, 1962a,
1972a, 1973a

RECORDS AND STATUS NOTES, cont.

Michigan, Ogemaw Co., cont.

Ryel, L.A. 1976a, 1976b,
1978b, 1979a, 1979b, 1979c,
1980a, 1980b, 1980c
Zimmerman, D.A. 1959
Anonymous. 1977a, 1980d

Michigan, Oscoda Co.

Abbott, G.A. 1915
Adams, C.C. 1903
Arnold, E. 1904a, 1904b,
1904c, 1905
Barrows, W.B. 1912
Berger, A.J. 1968c
Black, C.T. 1949
Blain, A.W., Jr. 1903
Burgoyne, G.E., Jr. 1978
Cory, C.B. 1909
Covert, A.B. 1903
Cuthbert, N.L. 1963
Frothingham, E.H. 1903
Harger, E. 1965
Harrington, P. 1939
Holden, F.M. 1960, 1964
Kenaga, E.E. 1960, 1962
Mayfield, H.F. 1953, 1960,
1962a, 1972a, 1973a
Peterson, Mrs. T. 1941
Redabaugh, B.E. 1965b, 1972a,
1972b

Michigan, Roscommon Co.

Ross, R.D. 1954
Ryel, L.A. 1976a, 1976b, 1978b,
1979a, 1979c, 1980a, 1980b,
1980c
Schempf, P.F. 1976
Trautman, M.B. 1979
Van Tyne, J. 1938, 1942,
1943, 1944, 1953
Walkinshaw, L.H. 1972, 1976a,
1980
Wallace, G.J. 1948, 1965
Weiland, E.C. 1964
Wickstrom, G. 1951b, 1952b,
1952c, 1953
Wood, N.A. 1904, 1926, 1951
Zimmerman, D.A. 1959
Anonymous. 1977a, 1980d

RECORDS AND STATUS NOTES, cont.

Michigan, Otsego Co.

Burgoyne, G.E., Jr. 1978
Mayfield, H.F. 1960,
1962a, 1972a
Ryel, L.A. 1976b, 1978b, 1979a,
1979c, 1980a, 1980b, 1980c
Zimmerman, D.A. 1959

Michigan, Ottawa Co.

Gross, M.E. 1938b
Schroeder, A.B. 1968

Michigan, Presque Isle Co.

Berger, A.J. 1968c
Burgoyne, G.E., Jr. 1978
Mayfield, H.F. 1953, 1960,
1962a, 1972a
Pettingill, O.S., Jr. 1958
Ryel, L.A. 1976b, 1978b, 1979a,
1979c, 1980a, 1980b, 1980c
Walkinshaw, L.H. 1972
Wallace, G.J. 1965
Weiland, E.C. 1964
Wickstrom, G. 1951b, 1952b
Zimmerman, D.A. 1959

Michigan, Roscommon Co.

Brigham, E.M., Jr. 1941
Burgoyne, G.E., Jr. 1978
Frothingham, E.H. 1906
Mahan, H.D. 1963
Mayfield, H.F. 1953, 1960,
1962a, 1972a
Ryel, L.A. 1976b, 1978b, 1979a,
1979c, 1980a, 1980b, 1980c
Trautman, M.B. 1979
Van Tyne, J. 1938
Wallace, G.J. 1946b
Wood, N.A. 1926, 1951
Zimmerman, D.A. 1959
Anonymous. 1977a, 1980d

Michigan, Saginaw Co.

Black, C.T. 1955
Zimmerman, D.A. 1959

RECORDS AND STATUS NOTES, cont.

Michigan, Schoolcraft Co.

Lewy, A. 1943

Michigan, Tuscola Co.

Wood, N.A. 1951
Zimmerman, D.A. 1959

Michigan, Washtenaw Co.

Barrows, W.B. 1912
Butler, A.W. 1893, 1897
Chapman, F.M. 1898
Cook, A.J. 1893
Coles, E. 1880
Covert, A.B. 1881
Davie, O. 1898
Gibbs, M. 1885
Purdie, H.A. 1879
Tinker, A.D. 1908, 1910
Washburn, F.L. 1889
Wood, N.A. 1902, 1903,
1904, 1905a, 1906, 1908,
1912, 1934, 1951

Michigan, Wayne Co.

Wood, J.C. 1908
Wood, N.A. 1951

Michigan, Wexford Co.

Burgoyne, G.E., Jr. 1978
Mayfield, H.F. 1960, 1973a
Ryel, L.A. 1976a, 1976b,
1978b, 1979a, 1979c,
1980a, 1980b, 1980c
Van Tyne, J. 1938
Wood, N.A. 1951
Anonymous. 1977a

Michigan see also CENSUS

RECORDS AND STATUS NOTES, cont.

Minnesota

Butler, A.W. 1893, 1897
Chapman, F.M. 1898
Guilford, H.M. 1893
Lupient, M. 1951
Hiemenz, N. 1980
Roberts, T.S. 1919, 1932

Missouri
Butler, A.W. 1893, 1897
Chapman, F.M. 1898
Cooke, W.W. 1888
Cory, C.B. 1909
Widmann, O. 1885, 1907

North Carolina

Brimley, C.S. 1941
Craighill, F.H. 1942
Faver, A.R. 1949, 1953
Mayfield, H.F. 1960
Pearson, T.G. 1919, 1959

Ohio

Allen, J.A. 1880
Baird, R.L. 1905
Baird, S.F. 1852, 1864, 1905
Borror, D.J. 1950
Butler, A.W. 1893, 1897, 1927, 1929
Campbell, L.W. 1931, 1940, 1968
Chapman, F.M. 1898
Chubb, H.E. 1880
Coues, E. 1878
Davie, O. 1898
Dawson, W.L. 1903
Deignan, H.G. 1961
Goodpaster, W. 1941
Hanson, D. 1976
Henninger, W.F. 1906, 1908a, 1908b, 1910, 1912
Jones, L. 1900a, 1902, 1903, 1904d, 1906, 1910, 1914, 1917
Kemsies, E. 1953
Kleen, V.M. 1980
Langdon, F.W. 1877, 1879, 1880

RECORDS AND STATUS NOTES, cont.

Ohio, cont.

Mastowski, K.H. 1931
Mayfield, H.F. 1960, 1965e
Petry, L.C. 1909
Purdie, H.A. 1879
Studer, J.H. 1881
Thomas, E.S. 1926
Trautman, M.B. 1940
Van Tyne, J. 1953
Walker, C.F. 1928
Walkinshaw, L.H. 1976a, 1976b, 1980
Wheaton, J.M. 1860, 1874, 1879, 1882
Williams, A.B. 1944
Anonymous. 1860, 1904b, 1904c, 1906b

Ontario

Baillie, J.L. 1953
Burgoyne, G.E., Jr. 1978
Chamberlain, D. 1978a
Devitt, O.E. 1967
Fleming, J.H. 1907, 1913
Godfrey, W.E. 1966
Goodwin, C.E. 1963, 1979
Gunn, W.W.H. 1958a, 1958b
Harrington, P. 1939
James, R.D. 1976
Kelley, A.H. 1978
Kells, W.L. 1901
Mayfield, H.F. 1960
Pinkowski, B.C. 1978b
Ryel, L.A. 1978b, 1979c, 1980a, 1980b, 1980c
Samuel, I.H. 1900
Saunders, W.F. 1906
Sprague, T. 1969
Stirrett, G.M. 1973
Tilghman, N.G. 1979
Toronto Department of Education. 1905
Woodford, J. 1959, 1960
Anonymous. 1901b, 1977a, 1977e, 1978a, 1980d

RECORDS AND STATUS NOTES, cont.

Pennsylvania

Butler, A.W. 1893, 1897
Clench, M.H. 1973
Frey, E.S. 1943
Hall, G.A. 1972
Leberman, R.C. 1972
McKenzie, P.M. 1973
Mulvihill, B. 1974
Parkes, K.C. 1971
Scott, F.R. 1965
Stone, W. 1898
Todd, W.E.C. 1904
Warren, B.H. 1890

Quebec

Chamberlain, D. 1978a
Pinkowski, B.C. 1978a, 1978b
Ryel, L.A. 1978b, 1979c
1980a, 1980b, 1980c
Tilghman, N.G. 1979
Walkinshaw, L.H. 1980
Anonymous. 1978a, 1980d

South Carolina

Bragg, L.M. 1912
Butler, A.W. 1893, 1897
Chamberlain, E.B. 1936
Chapman, F.M. 1898
Denton, J.F. 1950
Faver, A.R. 1949, 1951, 1953, 1967, 1969
Hatcher, J.B. 1960
Hoxie, W. 1886
Jenness, P.M. 1925
Loomis, L.M. 1889, 1891
Mayfield, H.F. 1960
Pickens, A.L. 1928
Sprunt, A., Jr. 1931, 1949
Wayne, A.T. 1904, 1910, 1911
Anonymous. 1902

Tennessee

Darnell, Mrs. M. 1956
Ganier, A.F. 1931

RECORDS AND STATUS NOTES, cont.

Virginia

Butler, A.W. 1893, 1897
Chapman, F.M. 1898
Cooke, M.T. 1921, 1929
Kirkwood, F.C. 1895
Mayfield, H.F. 1960
Murray, J.J. 1952
Potter, J.M., Jr. 1975
Rives, W.C. 1890
Smith, H.M. 1888
Washington, D.C.

Cooke, M.T. 1921, 1929

West Indies see Bahamas

West Virginia

Boggs, I.B. 1944
Brooks, M. 1937, 1944

Wisconsin

Baird, S.F. 1864, 1905
Barger, N.R. 1941
Bernard, R.F. 1967
Butler, A.W. 1893, 1897
Columban, B. 1968
Cory, C.B. 1909
Coues, E. 1878
Derleth, A. 1947
Follen, D., Sr. 1980
Greenman, D. 1972
Hoy, P.R. 1852
Hussong, C. 1956
Kumlien, L. 1903, 1951
Main, A.K. 1925
Pinkowski, B.C. 1978b
Robbins, S.D., Jr. 1947
Roberts, N. 1980
Ryel, L.A. 1978b, 1979a, 1979c, 1980a, 1980b, 1980c
Schorger, A.W. 1931
Taylor, W. 1917
Tessen, D.D. 1973, 1978
Tilghman, N.G. 1979
Walkinshaw, L.H. 1980
Anonymous. 1978a, 1980d

SOME

Arlton, A.V. 1948
Axtell, H.H. 1938
Barrows, W.B. 1912
Bondesen, P. 1977
Chapman, F.M. 1895
Jones, L. 1900a, 1900b
Leopold, N.F., Jr. 1924
Mayfield, H.F. 1960
Moyer, L.B. 1908
Robbins, C.S. 1966
Trautman, M.B. 1979
Van Tyne, J. 1953, 1957
Wood, N.A. 1904

TYPE SPECIMENS

Adams, C.C. 1903
Baird, S.F. 1852, 1858,
1864, 1870, 1905
Blain, A.W., Jr. 1903
Christy, B.H. 1936
Deignan, H.G. 1961
Gifford, G.E., Jr. 1972
Holden, F.M. 1960, 1964
Mayfield, H.F. 1960, 1965e
Radabaugh, B.E. 1965b
Reed, C.A. 1904
Short, E.H. 1904
Stevens, O.A. 1936
Wood, N.A. 1904, 1926
Zuchold, E.A. 1854
Anonymous. 1904a

WINTERING GROUNDS

Blanchard, D. 1965
Bond, J. 1971
Brudnell-Bruce, P.G.C. 1975
Clench, M.H. 1978
Cooke, W.W. 1904a
Cory, C.B. 1886b
Hundley, M.H. 1967
Mayfield, H.F. 1960,
1972b, 1975a
Maynard, C.J. 1881
Radabaugh, B.E. 1974
Taverner, P.A. 1905, 1919
Terbough, J.W. 1974, 1980
Twomey, A.C. 1936
Van Tyne, J. 1951, 1953

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