

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

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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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Kirtland Warbler Reprint Collection
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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

