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Bibliographic Guide to the Terrestrial Arthropods of Michigan: Supplement 1

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**BIBLIOGRAPHIC GUIDE TO THE TERRESTRIAL ARTHROPODS
OF MICHIGAN: SUPPLEMENT 1**Mark F. O'Brien¹**ABSTRACT**

A list of publications dealing with faunistic studies, range extensions, systematics, and identification of the terrestrial arthropods of Michigan is presented, primarily for the period of 1983–1987. Correlation is also made between earlier entomological activities and resulting publications on the fauna of the state.

This list is an addendum to an earlier bibliographic review (O'Brien 1983). It contains citations that were not included in that publication and many useful references which have appeared since 1983.

In compiling this bibliography, I realized that it also provides a measure of progress in our study of the insect fauna of Michigan. Figure 1 shows the number of papers that have appeared on the fauna of the state since 1878 (using the criteria specified in O'Brien [1983]) in five-year increments. Two major peaks, during 1906–1910, and 1966–1970, coincide with major developments in the study of the Michigan fauna. The first was a result of early efforts by the State Geological and Biological Survey and The University of Michigan to study the fauna and flora of various areas in the Northern Lower Peninsula, Upper Peninsula, and Isle Royale (Ruthven 1910). Later, privately funded expeditions such as the Mershon Expedition to the Charity Islands and Shiras Expedition to Whitefish Point also resulted in publications on the fauna in the period of 1916–1925.

The second peak, by far the larger, corresponds to the increase in faunistic studies associated with the formation of the Michigan Entomological Society and the subsequent appearance of *The Michigan Entomologist* (now *The Great Lakes Entomologist*). The appearance of this journal afforded talented amateurs and professionals a means of disseminating information in a timely and inexpensive manner, in a journal oriented towards their region of interest. The comraderie that existed in the sixties led to a number of field trips by members of the Society to various areas of the state, and these in turn led to numerous notes in the *Newsletter of the Michigan Entomological Society* (see O'Brien 1983). Although the rate of publication has decreased somewhat since the 1966–1970 period, it has remained steady at a rate of 5-6 papers per year.

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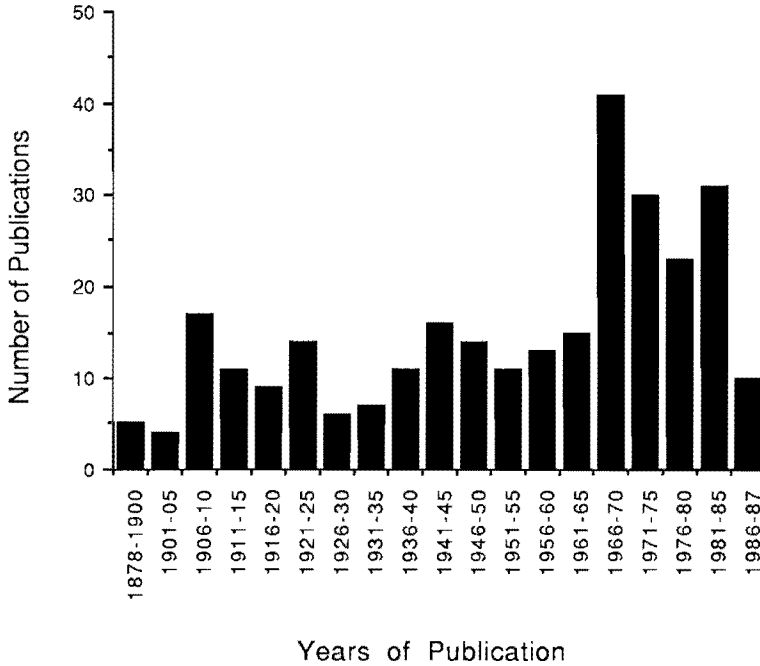


Fig. 1. Publications on the arthropod fauna of Michigan from 1878 to 1987, grouped into five-year intervals (except for 1986–1987).

GENERAL

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- Ruppel, R. F. 1983. Addendum to the inventory of stored grain insects in Michigan. *Great Lakes Entomol.* 16:182.
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- Snider, R. M., and R. J. Snider. 1986. Evaluation of pit trap transects with varied trap spacing in a northern Michigan forest. *Great Lakes Entomol.* 19:51–61. [Collembola, Coleoptera, Opiliones.]

ARACHNIDA

- Husband, R. W., and C. D. Swihart. 1986. A new species of mite (Acari: Podapolipidae) from a Michigan carabid beetle, *Chlaenius pennsylvanicus*. *Great Lakes Entomol.* 19:107–113.
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COLEOPTERA

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- . 1985. Carabidae of the Beaver Islands Charlevoix Co., Michigan. *Y.E.S. Quarterly* 2:6–13.
- . 1987. Additions to the list of Carabidae and Cicindelidae (Coleoptera) from the Beaver Islands, Charlevoix Co., Michigan (USA). *Y.E.S. Quarterly* 4:11.
- Gosling, D. C. L. 1983. New state records of Cerambycidae from Michigan (Coleoptera). *Great Lakes Entomol.* 16:187.
- . 1984a. Cerambycid host plants in a southwestern Michigan woodland (Coleoptera: Cerambycidae). *Great Lakes Entomol.* 17:69–78.
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- Spangler, P. J. 1954. A new species of water beetle from Michigan (Coleoptera: Haliplidae). *Entomol. News* 65:113–117.
- Young, F. N. 1953. A new *Hydroporus* from Michigan, with notes on other members of the *Hydroporus vilis* group (Coleoptera: Dytiscidae). *Bull. Brooklyn Entomol. Soc.* 48:116–122.

COLLEMBOLA

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DIPTERA

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