

October 1983

Bibliographic Guide to the Terrestrial Arthropods of Michigan

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Recommended Citation

O'Brien, Mark F. 1983. "Bibliographic Guide to the Terrestrial Arthropods of Michigan," *The Great Lakes Entomologist*, vol 16 (3)

DOI: <https://doi.org/10.22543/0090-0222.1469>

Available at: <https://scholar.valpo.edu/tgle/vol16/iss3/5>

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BIBLIOGRAPHIC GUIDE TO THE TERRESTRIAL ARTHROPODS OF MICHIGAN

Mark F. O'Brien¹

ABSTRACT

Papers dealing with distribution, faunal extensions, and identification of Michigan insects and other terrestrial arthropods are listed by order, and cover the period of 1878 through 1982.

The following bibliography lists the publications dealing with the distribution or identification of insects and other terrestrial arthropods occurring in the State of Michigan. Papers dealing only with biological, behavioral, or economic aspects are not included. The entries are grouped by orders, which are arranged alphabetically, rather than phylogenetically, to facilitate information retrieval. The intent of this paper is to provide a ready reference to works on the Michigan fauna, although some of the papers cited will be useful for other states in the Great Lakes region. Publications on the fauna of surrounding states are not included because they do not focus on the Michigan fauna, and because this bibliography is not a guide to all the monographs on various groups. Rather, it is a guide to what has been worked on in the state, and what has not.

Michigan is more diverse in its faunal affinities than many would imagine, and several entries (Hubbell 1929, Cantrall 1970, Wagner 1977) point this out. Prairie remnants, boreal coniferous forests, glacial outwash plains, dune systems, bogs, and the Great Lakes make Michigan an interesting place to study the distribution and ecology of insects.

Although a list of Michigan insects by itself is not a goal to be given top priority, there is certainly much that can be done with many groups of insects. Much still remains to be known about the Nearctic fauna, especially for groups such as the parasitic Hymenoptera, acalyptate Diptera, and the Curculionoidea. Our knowledge of the distribution of many groups is often imprecise and usually only general. Publications on the insects of Michigan would add to our understanding of the Nearctic fauna. The papers most desired are those that encompass distribution, faunal affinities, ecology, and bionomics, and contain well-written keys to the taxa. Not everything can be included in all papers, but we should strive to include as much useful information as possible. Much of this can be accomplished by serious amateurs and students, as well as professionals. It is hoped that some of the gaps indicated by this bibliography will be filled by future workers.

ACKNOWLEDGMENTS

I thank I. J. Cantrall, T. E. Moore, and W. H. Wagner, Jr., all at The University of Michigan; R. L. Fischer, of Michigan State University; and H. K. Townes, American Entomological Institute, for their comments and suggestions on the manuscript. I also thank J. S. O'Connor for her patient typing of the manuscript.

GENERAL

Adams, C. C. 1909. Annotated list of certain Isle Royale invertebrates. p. 249–277 in *An ecological survey of Isle Royale, Lake Superior*. Ann. Rept. Michigan Geol. Survey.

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1964. 9(2):6 [Lepidoptera].
1965. 10(4):3, 6 [Lepidoptera].
1966. 11(2):12 [Diptera, Lepidoptera].
1967. 12(1):8 [Lepidoptera].
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1968. 13(2):5 [Lepidoptera].
1968. 13(4):3–4 [Coleoptera, Diptera, Lepidoptera, Orthoptera].
1969. 14(3,4):7, 12 [Diptera, Hymenoptera, Lepidoptera, Odonata].
1970. 15(3,4):5, 8, 9 [Lepidoptera].
1971. 16(1):4 [Lepidoptera].
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1972. 17(4):4 [Coleoptera, Lepidoptera].
1975. 20(1):1, 7 [Lepidoptera].
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