

**A Bibliography of Terrestrial Slugs  
(Gastropoda: Stylommatophora and Systellommatophora)  
for Agricultural Researchers in North America**

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A BIBLIOGRAPHY OF TERRESTRIAL SLUGS  
(GASTROPODA: STYLOMMATOPHORA AND SYSTELLOMMATOPHORA)  
FOR AGRICULTURAL RESEARCHERS IN NORTH AMERICA<sup>1</sup>

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Introduction

As the number of introduced species increases and these extend their distribution, slugs are becoming increasingly important agricultural pests in North America, especially on crops which develop a close canopy or are grown with minimum or zero tillage.

At least 17 species of slugs, including such agriculturally important pests as *Agriolimax reticulatus* (Müller) (*Deroceras reticulatum* (Müller)),<sup>7</sup> *Arion ater* (Linnaeus), *Arion fasciatus* (complex), *Arion hortensis* Férussac, *Limax maximus* L., *Limax flavus* L., and *Milax gagates* (Draparnaud) are introductions to North America. This bibliography includes relevant literature on these species from outside North America, as well as papers on species unimportant in North America but which contain general information on slugs. Papers also are included on snails if the information may be relevant to slugs.

Titles of publications are often general. The authors adopted a modified form of the code of Sutherland, D. W. S. and A. V. Sutherland (1972). (A bibliography of the cabbage looper, *Trichoplusia ni* (Hübner), 1800-1969; Bull. Entomol. Soc. Amer., 18(1):27-45) to annotate citations for easier reference. The code is as follows:

A -- taxonomy and morphology (Although not intended for taxonomic study, some references were included for those wishing to pursue the subject.)

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<sup>7</sup>In June 1976, the Bulletin of the Entomological Society of America published name changes for two common slug species as follows: from *Deroceras reticulatum* (Müller) to *Agriolimax reticulatus* (Müller); and from *Deroceras laeve* (Müller) to *Agriolimax laeve* (Müller). Species names in paper titles were not changed.

- B -- biology, ecology, and behavior
- C -- control, laboratory and field
- D -- distribution
- E -- physiology, genetics, and biochemistry
- F -- laboratory and field rearing
- G -- sampling methods
- H -- food and host plants
- I -- predators, parasites, and pathogens
- J -- miscellaneous

Not all references cited were read, but all titles were verified by examining the original paper or by checking abstract journals.

Approximately 1,000 citations are included in this bibliography. The authors plan to publish a supplement in 1 or 2 years, adding papers which may have been overlooked in the literature search, plus recent publications.

#### Acknowledgments

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#### INDEX AVAILABLE

A keyword index was prepared but is not included in this publication because of its length. Anyone interested in receiving a copy of this index should contact Dr. R. K. Lindquist, Department of Entomology, Ohio Agricultural Research and Development Center, Wooster, Ohio 44691.

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#### Canadian Agricultural Insect Pest Review

This publication presents, in manuscript form, a periodical statement on current pest conditions. It presents data governing the seasonal appearance, effects of winter, degrees of parasitism, notes on distribution, and abundance of insect and other pests. It has been published by the Canada Department of Agriculture, Research Branch--Scientific Information Section, Ottawa, Ontario, from 1923 to present. From 1923 to 1967 this publication was known as the Canadian Insect Pest Review.

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