

# FAUNA COMPOSITION AND STRUCTURE OF MOIST MEADOWS ON THE MAZOVIAN LOWLAND

## CONTENTS

Bańkowska R. The purpose and scope of zoocenological studies of moist meadows on the Mazovian Lowland . . . . .	3
Bańkowska R. Study area and methods of material collecting on moist meadows on the Mazovian Lowland . . . . .	7
Kotowska J., Okołowicz M. Geobotanical characteristics of meadow research sites on the Mazovian Lowland . . . . .	17
Pilipiuk I., Szybłowska R. Earthworms ( <i>Lumbricidae</i> ) of moist meadows on the Mazovian Lowland . . . . .	31
Staręga W. Spiders ( <i>Aranei</i> ) of moist meadows on the Mazovian Lowland . . . . .	37
Sterzyńska M. Springtails ( <i>Collembola</i> ) of moist meadows on the Mazovian Lowland . . . . .	61
Winiarska G., Gniazdowska M. Grasshoppers ( <i>Orthoptera</i> ) of moist meadows on the Mazovian Lowland . . . . .	83
Chudzicka E. Leafhoppers ( <i>Homoptera, Auchenorrhyncha</i> ) of moist meadows on the Mazovian Lowland . . . . .	93
Lechowski L. <i>Heteroptera</i> of moist meadows on the Mazovian Lowland . . . . .	119
Nowakowski E. Click beetles ( <i>Coleoptera, Elateridae</i> ) of moist meadows on the Mazovian Lowland . . . . .	127
Czechowski W. Carabid beetles ( <i>Coleoptera, Carabidae</i> ) of moist meadows on the Mazovian Lowland . . . . .	141
Wąsowska M. Leaf beetles ( <i>Coleoptera, Chrysomelidae</i> ) of moist meadows on the Mazovian Lowland . . . . .	169
Czechowska W. <i>Coccinellidae</i> ( <i>Coleoptera</i> ) of moist meadows on the Mazovian Lowland . . . . .	185
Gniazdowska M. <i>Symphyla</i> ( <i>Hymenoptera</i> ) of moist meadows on the Mazovian Lowland . . . . .	201
Garbarczyk H. Proctotrupoid wasps ( <i>Hymenoptera: Proctotrupoidea sensu lato</i> ) of moist meadows on the Mazovian Lowland . . . . .	207
Głogowski S. <i>Chalcidoidea</i> ( <i>Hymenoptera</i> ) of moist meadows on the Mazovian Lowland . . . . .	233
Sawoniewicz J. <i>Ichneumonidae</i> ( <i>Hymenoptera</i> ) of moist meadows on the Mazovian Lowland . . . . .	249
Marczak P. <i>Braconidae</i> ( <i>Hymenoptera</i> ) of moist meadows on the Mazovian Lowland . . . . .	265
Banaszak J. Bees ( <i>Apoidea</i> ) of moist meadows on the Mazovian Lowland . . . . .	279
Skibińska E. Predatory <i>Aculeata</i> ( <i>Hymenoptera</i> ) of moist meadows on the Mazovian Lowland . . . . .	289
Winiarska G. Noctuids ( <i>Lepidoptera, Noctuidae</i> ) collected on the moist meadow at Chylice (Mazovian Lowland) . . . . .	297
Demska L. <i>Nematocera</i> ( <i>Diptera</i> ) of moist meadows on the Mazovian Lowland . . . . .	303
Bańkowska R. <i>Dolichopodidae</i> ( <i>Diptera</i> ) of moist meadows on the Mazovian Lowland . . . . .	315
Bańkowska R. Hover flies ( <i>Diptera, Syrphidae</i> ) of moist meadows on the Mazovian Lowland . . . . .	329
Bańkowska R. <i>Pipunculidae</i> ( <i>Diptera</i> ) of moist meadows on the Mazovian Lowland . . . . .	349

Siedlar E. <i>Chloropidae</i> (Diptera) of moist meadows on the Mazovian Lowland . . . . .	353
Nowakowski J. T. <i>Diptera Acalyptratae</i> (excluding <i>Chloropidae</i> ) of moist meadows on the Mazovian Lowland . . . . .	371
Bańkowska R., Chudzicka E., Nowakowski E., Sterzyńska M. Structure of fauna of moist meadows on the Mazovian Lowland . . . . .	415

**Memorabilia Zoologica** publishes original works reporting experimental and theoretical investigations in the fields of zoocoenology, zoogeography, theoretical and evolutionary systematics, and the history of zoology.

It is a fundamental condition of acceptance that submitted manuscripts have not been, and will not be, submitted or published simultaneously elsewhere.

## INSTRUCTIONS TO AUTHORS

**Manuscripts:** original papers should be in the Congress languages, i.e., English (preferably), French or German. Two copies of each manuscript, typed double-spaced, with a margin on the left at least 3.5 cm wide, should be submitted. Authors are requested to make no editorial markings on their manuscripts. Papers should be arranged as follows: 1) author's name and title of paper; 2) an abstract in English of not more than 20 lines; 3) authorities should be quoted for all specific names of animals and plants once only — when the name is first mentioned in text or tables; 4) the address of the author; 5) summary (for translation into Polish and Russian).

**Figures:** each figure or group of figures should be planned to fit, after reduction, into one column of the text (the maximum width of a column is 12.5 cm). Figures are numbered in arabic numerals. Figure titles and legends are to be submitted together on separate sheets.

**Tables:** should be typed on separate sheets, numbered with arabic numerals, have brief titles and be referred to in the text as (Table 1) etc.

**References:** these should be checked with the original articles. They should be listed on a separate sheet in alphabetical order and in the form used in the current number of the journal. Titles of journals should be abbreviated according to the World List of Serials.

## SUBSCRIPTION ORDERS SHOULD BE SENT TO

„Ars Polona”, ul. Krakowskie Przedmieście 7, 00-068 Warszawa, Poland.

## FOR EXCHANGE PLEASE WRITE TO

Biblioteka, Instytut Zoologii Polskiej Akademii Nauk, ul. Wilcza 64 00-679 Warszawa, Poland





**Cena: zł 1500,—**

**PL ISSN 0076-6372  
ISBN 83-04-02832-8**