

SPECIES COMPOSITION AND ORIGIN OF THE FAUNA OF WARSAW

PART 3

CONTENTS

Sawoniewicz, J. *Ichneumonidae* (Hymenoptera) of Warsaw and Mazovia 5

Garbarczyk, H. *Proctotrupoidea* (Hymenoptera) of Warsaw and Mazovia 41

Skibińska, E. *Chrisididae* (Hymenoptera) of Warsaw and Mazovia 61

Pisarski, B. Ants (Hymenoptera, *Formicoidea*) of Warsaw and Mazovia 73

Skibińska, E. Wasps (Hymenoptera, *Vespidae*) of Warsaw and Mazovia 91

Skibińska, E. *Sphecidae* (Hymenoptera) of Warsaw and Mazovia 103

Banaszak, J. *Apoidea* (Hymenoptera) of Warsaw and Mazovia 129

Chudzicka, E. *Auchenorrhyncha* (Homoptera) of Warsaw and Mazovia 143

Czechowska, W. *Neuroptera* and *Mecoptera* of Warsaw and Mazovia 163

Winiarska, G. Noctuids (*Lepidoptera*, *Noctuidae*) of Warsaw and Mazovia 185

Wegner, E. Mosquitoes (*Diptera*, *Culicidae*) of Warsaw and Mazovia 201

Sterzyńska, M. Springtails (*Collembola*) of Warsaw and Mazovia 217

Niedbała, W., Błaszak, C., Błoszyk, J., Kaliszewski, M., Kaźmierski, A.
 Soil mites (*Acari*) of Warsaw and Mazovia 235

Jędryczkowski, W. *Millipedes* (*Diplopoda*) of Warsaw and Mazovia 253

... already been recorded, and it is ...
 ... slightly over 1,000. The *Ichneumonidae*
 of Warsaw and Mazovia are much less known than those living in other
 regions of Poland.

From non-urban habitats of Mazovia 249 species have so far been
 recorded. Data on their occurrence can be found in faunal papers of
 different types [1, 2, 3, 6], in taxonomic papers [8, 15-18, 20, 34], in
 papers dealing with the biology of parasites and their hosts [4, 7, 10, 11,
 13, 24, 27-32], and in zoogeographical papers [19, 25]. Also the list
 of some species recorded from Rogów near Łobuzski [9, 29] is used here,
 since the locality adjoins the edge of Mazovia, thus it can be expected
 that the animals living there also occur in Mazovia.

In Warsaw the best known area is Bielicka Dworka, a suburbium
 of Warsaw from which 220 Ichneumonidae species have been recorded,
 and their habitat preferences and habits are indicated [33]. From other
 suburbs within the city 21 species have been recorded [1, 2, 5-7, 12,
 16, 22]. The species above were captured in an urban green area, only
 single species being found there [14, 34].

SPECIES COMPOSITION AND ORIGIN OF THE FAUNA OF WARSAW

PART I
MAMMALS

1	Wojnicz, J. (1871)
2	Wojnicz, J. (1872)
3	Wojnicz, J. (1873)
4	Wojnicz, J. (1874)
5	Wojnicz, J. (1875)
6	Wojnicz, J. (1876)
7	Wojnicz, J. (1877)
8	Wojnicz, J. (1878)
9	Wojnicz, J. (1879)
10	Wojnicz, J. (1880)
11	Wojnicz, J. (1881)
12	Wojnicz, J. (1882)
13	Wojnicz, J. (1883)
14	Wojnicz, J. (1884)
15	Wojnicz, J. (1885)
16	Wojnicz, J. (1886)
17	Wojnicz, J. (1887)
18	Wojnicz, J. (1888)
19	Wojnicz, J. (1889)
20	Wojnicz, J. (1890)
21	Wojnicz, J. (1891)
22	Wojnicz, J. (1892)
23	Wojnicz, J. (1893)
24	Wojnicz, J. (1894)
25	Wojnicz, J. (1895)
26	Wojnicz, J. (1896)
27	Wojnicz, J. (1897)
28	Wojnicz, J. (1898)
29	Wojnicz, J. (1899)
30	Wojnicz, J. (1900)

PL ISSN 0078-7003
PUBLISHED BY THE POLISH SCIENCE PRESS

PL ISSN 0078-7003
PUBLISHED BY THE POLISH SCIENCE PRESS

PL ISSN 0078-7003

PL ISSN 0078-7003
PUBLISHED BY THE POLISH SCIENCE PRESS

ERRATUM

In volume 36 headings of the following tables have been printed erroneously: Table 1, p. 43 and Table 4, p. 193. Here are the correct headings:

Table 1. Proportions of species belonging to various families of *Proctotrupoidea* occurring in Warsaw (N—number of species)

Family	Warsaw											
	Total		Suburbs		Urban green areas							
					Total		Parks		Housing estates		Town centre	
	N	%	N	%	N	%	N	%	N	%	N	%

Table 4. Check-list of *Noctuidae* (*Lepidoptera*) species occurring in Warsaw and Mazovia

No.	Species	Mazovia	Warsaw				
			Suburban areas	Parks	Green areas in housing estates	Town centre	Other samples areas
1	2	3	4	5	6	7	8

Species composition and origin of the fauna of Warsaw, Part 3. *Memorabilia Zoologica*, Volume 36, 1982.

MEMORABILIA ZOOLOGICA published original works reporting experimental and theoretical investigation in the fields of zoocenology, 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) and abstract in English of not more than 20 lines; 3) the paper, limited to 20 printed pages, including introduction, material and methods, results and discussion. 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 (Tab. 1), etc.

References: these should be checked with the original articles and referred to in the text by key numbers, in parentheses. They should be listed on a separate sheet with their numbers, 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 210,—

PL ISSN 0076-6372
ISBN 83-04-01073-9