

European Arachnology 2008

Editors: W. Nentwig, M. Entling & C. Kropf
Technical editor: C. Huber



Contributions to Natural History

SCIENTIFIC PAPERS FROM THE NATURAL HISTORY MUSEUM BERN

European Arachnology 2008

is printed by Stämpfli Publications AG, Bern

© The Authors and the Natural History Museum Bern, 2010

Congress logo designed by Tobias Ulrich

EDITORIAL BOARD

Editors:

Wolfgang Nentwig

wolfgang.nentwig@iee.unibe.ch

Martin Entling

entling@uni-landau.de

Christian Kropf

christian.kropf@nmbe.ch

Technical editor:

Charles Huber

Editorial staff:

Elsa Obrecht

Hannes Baur

ISSN 1660-9972

u^b

**UNIVERSITÄT
BERN**



NATURHISTORISCHES MUSEUM DER BÜRGERGEMEINDE BERN

Bernastrasse 15

CH-3005 Bern

Switzerland

www.nmbe.ch

Table of Contents

PREFACE	5
BLICK, T. Spider coenoses in strict forest reserves in Hesse (Germany)	11
CHIARLE, A., ISAIA, M. & CASTELLANO, S. New findings on the courtship behavior of <i>Pardosa wagleri</i> (Hahn, 1822) and <i>P. saturator</i> Simon, 1937 (Araneae, Lycosidae), a pair of sibling species	31
DECAE, A.E. Patterns of distribution and diversity in European mygalomorph spiders.....	41
DEELEMEN-REINHOLD, C. & FLOREN, A. Crab spiders, tree canopy, and biodiversity in tropical East Asia (Araneae: Thomisidae)	51
DUNLOP, J.A., SEMPF, C. & WUNDERLICH, J. A new opilioacarid mite in Baltic amber	59
HORE, U. & UNİYAL, V.P. Influence of space, vegetation structure and microclimate on spider (Araneae) species composition in Terai Conservation Area, India.....	71
ISAIA, M., BEIKES, S., PASCHETTA, M., SARVAJAYAKESAVALU, S. & BADINO, G. Spiders as potential biological controllers in apple orchards infested by <i>Cydia</i> spp. (Lepidoptera: Tortricidae).....	79
ISAIA, M., LANA, E. & PANTINI, P. Ecology and distribution of the genus <i>Troglohyphantes</i> Joseph, 1881 in the Western Italian Alps.....	89
KOPONEN, S. Arachnology in Finland. 1. From Laxmann to Palmgren	99
KRONESTEDT, T. Carl Clerck and what became of his spiders and their names.....	105
LARSEN, B. & TOFT, S. Value of the aphid <i>Hyalopterus pruni</i> as food for the spider <i>Clubiona phragmitis</i>	119
MAJER, M., KELAVA, I., LUGIC, E. & ZEC, M. Araneofauna of the Mediterranean island of Vis (Croatia).....	125
MILASOWSKY, N., HEPNER, M., HÖRWEG, C. & ROTTER, D. Influence of scrub encroachment and rank vegetation development on the epigeic spider fauna (Arachnida: Araneae) of dry meadows in the “Untere Lobau” (National Park Donau-Auen, Vienna, Austria)	129
RENSCH, M., VOLKMAR, C. & SPILKE, J. Aerial dispersal of spiders in central east Germany: Modelling of meteorological and seasonal parameters	147
SAMU, F., SZITA, É. & BOTOS, E. Short- and longer-term colonization of alfalfa by spiders – a case study into the succession of perennial fields	153
SUDHIKUMAR, A.V., MAELFAIT, J.P., LENS, L., HENDRICKX, F. & SEBASTIAN, P.A. African and Southeast Asian elements in the spider fauna of the Western Ghats of India	165