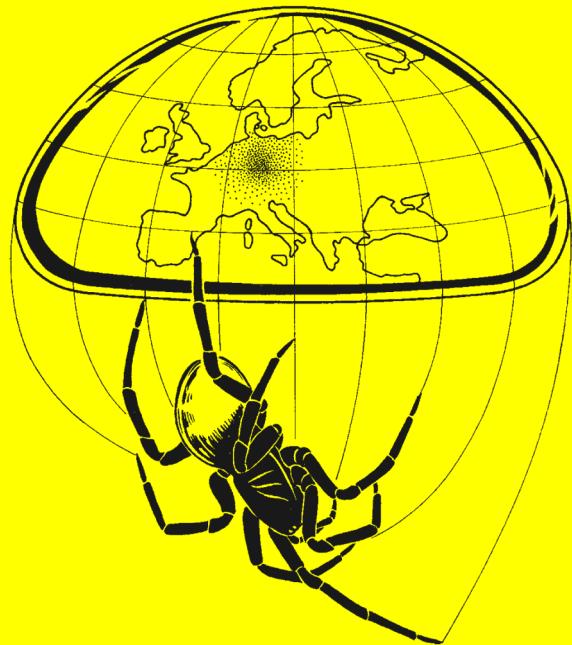


**Arachnologische  
Gesellschaft**



33rd European Congress of Arachnology

**ECA 2022**

4-9 September | Greifswald

E  
u  
**Arachnology 2022**

o 4.-9.9.202 Greifswald , Germany  
p www.european-arachnology.org  
e  
a  
n

# **Arachnologische Mitteilungen**

# **Arachnology Letters**

**Heft / Volume 66**

ISSN 1018-4171 (Druck), 2199-7233 (Online)

**Karlsruhe, Dezember 2023**

[www.AraGes.de/aramit](http://www.AraGes.de/aramit), [www.bioone.org/loi/argl](http://www.bioone.org/loi/argl)

Die Open-Access-Zeitschrift **Arachnologische Mitteilungen / Arachnology Letters** (engl. Untertitel) veröffentlicht wissenschaftliche Arbeiten über Spinnentiere mit dem Schwerpunkt auf der West-Palaearktis (keine Arbeiten ausschließlich über Milben) in englischer (British English) oder deutscher Sprache, nach Begutachtung (peer review). Der Schwerpunkt liegt auf den Themenbereichen Taxonomie, Faunistik und Biogeographie sowie Ökologie und wissenschaftlicher Naturschutz. Zu zitieren ist der deutsche Titel ohne englischen Untertitel. Autoren zahlen keine Druckgebühren. Inhalte werden unter der freien internationalen Lizenz [Creative Commons 4.0](#) veröffentlicht.

The Open Access journal **Arachnologische Mitteilungen / Arachnology Letters** (subtitle) publishes scientific papers mainly about West Palaearctic arachnids (excluding papers solely on mites and ticks) in (British) English or German, after peer review. The main focus lies on the topics of taxonomy, faunistics and biogeography as well as ecology and arachnid conservation. There are no page charges (APCs or submission charges). German and English manuscripts are equally welcome. The German title of the journal should be used in citations. Arachnology Letters is licensed under a [Creative Commons Attribution 4.0 International License](#).

**Autorenhinweise / Author guidelines**  
<https://arages.de/en/journal/instructions-to-authors>

#### Schriftleitung / Editors

Tobias Bauer, Staatliches Museum für Naturkunde Karlsruhe, Erbprinzenstraße 13, D-76133 Karlsruhe; E-Mail: [arages\\_bauer@outlook.de](mailto:arages_bauer@outlook.de)

Petr Dolejš, Curator of Invertebrates (Arachnology), National Museum – Natural History Museum, Cirkusová 1740, CZ-193 00 Praha 9 – Horní Počernice; E-Mail: [petr.dolejs@nm.cz](mailto:petr.dolejs@nm.cz)

Konrad Wiśniewski, Institute of Biology and Earth Sciences, Pomeranian University in Szczecin, Arciszewskiego 22b, PL-76-200 Szczecin; E-Mail: [konrad.wisniewski.araneae@gmail.com](mailto:konrad.wisniewski.araneae@gmail.com)

#### Redaktion / Editorial staff

Tobias Bauer, Karlsruhe; Theo Blick, Hummeltal; Petr Dolejš, Praha; Konrad Wiśniewski, Szczecin

Jason Dunlop, Museum für Naturkunde, Leibniz Institute for Evolution and Biodiversity Science, Invalidenstraße 43, D-10115 Berlin; E-Mail: [Jason.Dunlop@mfn-berlin.de](mailto:Jason.Dunlop@mfn-berlin.de)

Hubert Höfer & Stefan Scharf (Satz und Repro), Staatliches Museum für Naturkunde Karlsruhe, Erbprinzenstraße 13, D-76133 Karlsruhe; E-Mail: [Hubert.Hofer@smnk.de](mailto:Hubert.Hofer@smnk.de)

#### Wissenschaftlicher Beirat / Editorial Board

Elisabeth Bauchhenß, Wien (Austria), private researcher; Theo Blick, Hummeltal (Germany), private researcher; Peter Bliss, Halle an der Saale (Germany), Martin-Luther-University; Sascha Buchholz, Münster (Germany), Westfälische Wilhelms-Universität; Maria Chatzaki, Alexandroupoli (Greece), Democritus University of Thrace; Martin Entling, Landau/Pfalz (Germany), University Koblenz-Landau; Oliver-David Finch, Rastede (Germany), Niedersächsischer Landesbetrieb für Wasserwirtschaft, Küsten- und Naturschutz/Aurich; Giulio Gardini, Genova (Italy), Società Entomologica Italiana; Ambros Hänggi, Basel (Switzerland), Naturhistorisches Museum Basel; Izabela Hajdamowicz, Wendlingen am Neckar (Germany) / Siedlce (Poland), private researcher; Peter J. van Helsdingen, Leiden (Netherlands), Naturalis Biodiversity Centre; Marco Isaia, Torino (Italy), Università di Torino; Peter Jäger, Frankfurt am Main (Germany), Senckenberg Research Institute; Alberto Jiménez-Valverde, Málaga (Spain), Alcalá University; Christian Komposch, Graz (Austria), Oekoteam, Institute for Animal Ecology and Landscape Planning; Boris Leroy, Paris (France), Université de Paris-Sud; Jochen Martens, Mainz (Germany), Johannes Gutenberg-University; Dieter Martin, Waren (Germany), private researcher; Tone Novak, Maribor (Slovenia), University of Maribor; Uwe Riecken, Wachtberg (Germany), private researcher; Ferenc Samu, Budapest (Hungary), Plant Protection Institute, Centre for Agricultural Research

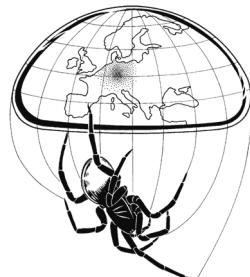
#### Mitgliedschaft / Membership Contact

Hubert Höfer c/o Arachnologische Gesellschaft  
[hubert.hofer@smnk.de](mailto:hubert.hofer@smnk.de) or via <https://AraGes.de/>

Die Druckerei Isensee bietet Mitgliedern der Arachnologischen Gesellschaft den Druck einzelner Hefte für 18 € pro Heft (zzgl. Versandkosten 2,5 €) an. Druckexemplare können auch abonniert werden (Jahresabonnement für 2 Hefte für 32 € zzgl. 5 € Versandkosten). Bestellungen direkt bei der Druckerei. The printing press Verlag Isensee offers to send printed copies to members by order. A copy costs for 18 € per volume (plus shipping). It is possible to subscribe to the print version (2 volumes per year for 32 € plus shipping). Orders directly to the press.

#### Druck / Print

Druckerei Isensee, Oldenburg  
[verlag@isensee.de](mailto:verlag@isensee.de)



Logo: P. Jäger, K. Rehbinder

Publiziert von / Published by  
**Arachnologische  
Gesellschaft e.V.**

URL: <http://www.AraGes.de>

**Arachnologische Mitteilungen** sind berücksichtigt in:

**Arachnology Letters** are indexed by:

Biological Abstracts, Directory of Open Access Journals (<https://doaj.org/toc/2199-7233>), BHL Biodiversity Heritage Library (<http://www.biodiversitylibrary.org/bibliography/116226>), BioOne (<http://www.bioone.org/loi/argl>), Elektronische Dokumente der Universitätsbibliothek der Goethe Universität, Frankfurt am Main (<http://publikationen.ub.uni-frankfurt.de/frontdoor/index/index/docId/14663>), Elektronische Zeitschriften-Bibliothek ([http://rzblx1.uni-regensburg.de/ezeit/detail.phtml?bibid=KIT&colors=7&lang=de&jour\\_id=124363](http://rzblx1.uni-regensburg.de/ezeit/detail.phtml?bibid=KIT&colors=7&lang=de&jour_id=124363)), Index Copernicus, Journals Master List (<https://journals.indexcopernicus.com/search/details?id=327>), Scopus (<https://www.scopus.com/sourceid/19200156911>), Virtuelle Fachbibliothek Biologie (<http://www.vifabio.de/vifabioDOC/detail/?ID=14663>), Zobodat: ([https://www.zobodat.at/publikation\\_series.php?id=20890](https://www.zobodat.at/publikation_series.php?id=20890)), Zoological Record/Biological Abstract by Clarivate Analytics ([https://mjl.clarivate.com/search-results?issn=1018-4171&hide\\_exact\\_match\\_fl=true&utm\\_source=mjl&utm\\_medium=share-by-link&utm\\_campaign=search-results-share-this-journal](https://mjl.clarivate.com/search-results?issn=1018-4171&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal)).

## License and Copyright Agreement



In submitting a manuscript to Arachnologische Mitteilungen, the authors certify that:

1. They are authorized by their co-authors to enter into these arrangements.
2. The work described has not been published before (except in the form of an abstract or as part of a published lecture, review or thesis), that it is not under consideration for publication elsewhere, that its publication has been approved by all the author(s) and by the responsible authorities – tacitly or explicitly – of the institutes where the work has been carried out.
3. They secure the right to reproduce any material that has already been published or copyrighted elsewhere.
4. They agree to the following license and copyright agreement.

Anyone is free:

- to **Share** — to copy, distribute and transmit the work
- to **Remix** — to adapt the work
- Under the following conditions

**Attribution.** The original authors must be given credit.

For any reuse or distribution, it must be made clear to others what the license terms of this work are.

Any of these conditions can be waived if the copyright holders give permission.

Nothing in this license impairs or restricts the author's moral rights.

To view a copy of this license, visit

<http://creativecommons.org/licenses/by/4.0/>

## Copyright

1. Copyright on any article is retained by the author(s). Regarding copyright transfers please see below.
2. Authors grant a license to Arachnologische Gesellschaft e.V. to publish the article and identify itself as the original publisher.
3. Authors grant to Arachnologische Gesellschaft e.V. commercial rights to produce hardcopy volumes of the journal for sale to libraries and individuals.
4. Authors grant any third party the right to use the article freely as long as its original authors and citation details are identified.
5. The article and any associated published material are distributed under the Creative Commons Attribution 4.0 License:

## Copyright Transfers

Any usage rights are regulated through the Creative Commons License. As Arachnologische Gesellschaft is using the Creative Commons Attribution 4.0 License, anyone (the author, his/her institution/company, the publisher, as well as the public) is free to copy, distribute, transmit, and adapt the work as long as the original author is credited (see above). Therefore, specific usage rights cannot be reserved by the author or his/her institution/company, and the publisher cannot include a statement "all rights reserved" in any published paper.

This page was adapted from its equivalent at [Pensoft](#).



## Inhalt / Contents

Gabriele Uhl & Peter Michalik: Preface to the Proceedings of the 33 <sup>rd</sup> European Congress of Arachnology, Greifswald, Germany, 5.–9. September 2022 .....	i-ii
Florian Raub, Alexander Bach, Tobias Bauer & Hubert Höfer: Data paper publication in Arachnologische Mitteilungen – Goals, review criteria, editorial procedures, format, data management and mobilization .....	
Datenpublikation in den Arachnologischen Mitteilungen – Ziele, Begutachtungskriterien, redaktioneller Ablauf, Formate, Management und Mobilisierung der Daten .....	iii-iv
Christoph Muster: Data Paper. Spider assemblages (Arachnida, Araneae) in conventionally managed versus extensively used or restored grass- and farmland sites in Mecklenburg-Vorpommern .....	1
Russell J. Garwood & Jason A. Dunlop: Consensus and conflict in studies of chelicerate fossils and phylogeny .....	2-16
Konsens und Konflikt zwischen Hypothesen zur Phylogenie der Chelicerae und dem aktuellen Fossilennachweis .....	
Petr Dolejš: A historical collection of Greek spiders (Arachnida: Araneae) in the National Museum of the Czech Republic .....	17-23
Eine historische Sammlung der Spinnen Griechenlands (Arachnida: Araneae) im Nationalmuseum der Tschechischen Republik .....	
Peter Gajdoš, Ľudmila Černecká, Pavol Purgat & Anna Šestáková: Pannonic salt marshes – important habitats for ground-active spider communities .....	24-33
Pannonica Salzwiesen – wichtige Lebensräume für bodenaktive Spinnengemeinschaften .....	
Sharon Warburg, Yoram Zvik & Efrat Gavish-Regev: Hitching a ride on a scorpion: the first record of phoresy of a myrmecophile pseudoscorpion on a myrmecophile scorpion .....	34-37
Mitfahrt auf einem Skorpion: Der erste Nachweis von Phoresie eines myrmekophilen Pseudoskorpions auf einem myrmekophilen Skorpion .....	
Anna Hirna & Vasyl Yanul: On some rare and newly recorded spider species for the Ukrainian Carpathians (Arachnida: Araneae) .....	38-43
Bemerkungen zu einigen seltenen und neu nachgewiesenen Spinnenarten für die Ukrainischen Karpaten (Arachnida: Araneae) .....	
Sylvain Lecigne, Soumia Moutaouakil & Josiane Lips: Contribution to the knowledge of the spider fauna of Morocco (Arachnida: Araneae) – First note – On new records of cave spiders .....	44-71
Beitrag zur Kenntnis der Spinnenfauna Marokkos (Arachnida: Araneae) – Erste Mitteilung – Über neue Nachweise von Höhlenspinnen .....	
Maria Naumova: Survey of the Moroccan arachnids (Araneae, Scorpiones & Solifugae) in the collections of the Institute of Biodiversity and Ecosystem Research, Bulgaria .....	72-78
Liste der marokkanischen Arachniden (Araneae, Scorpiones & Solifugae) in den Sammlungen des Instituts für Biodiversität und Ökosystemforschung .....	
Alexander Bach, Martina Roß-Nickoll, Joachim Holstein, Richard Ottermanns, Florian Raub, Dagmar Triebel, Markus Weiss, Ingo Wendt & Hubert Höfer: Improved access to arachnological data for ecological research through the ARAMOB data repository, supported by Diversity Workbench and NFDI data pipelines .....	79-85
Verbesserter Zugang zu arachnologischen Daten für ökologische Forschung über das von Diversity Workbench und NFDI Datenpipelines unterstützte ARAMOB Datenrepositorium .....	