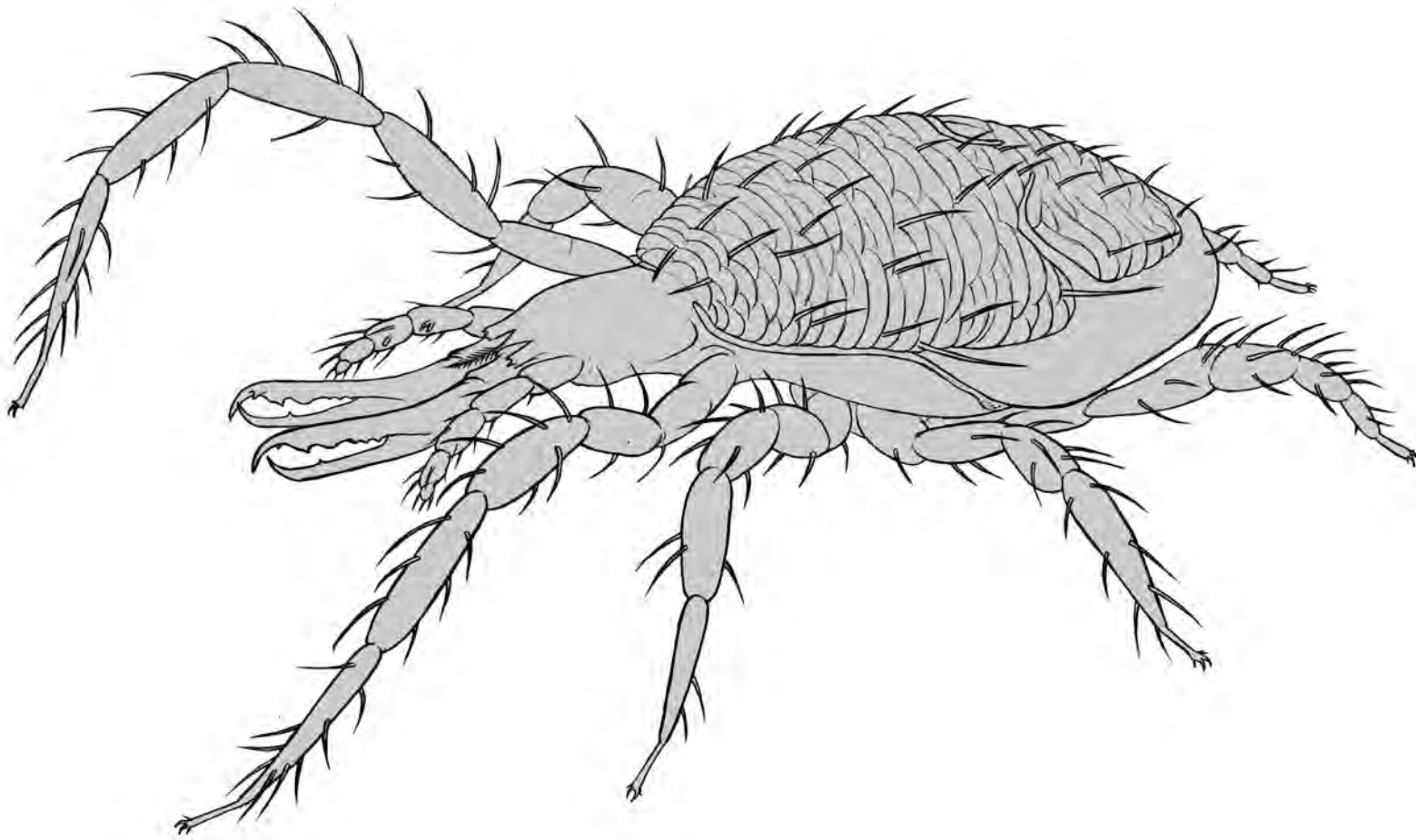


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In the bibliography, the latest works on mesostigmatic mites as far as they have come to our knowledge are published yearly. The present volume includes 396 titles by researchers from 43 countries. In these publications, 135 new species and genera are described. The majority of articles concern ecology (34%), taxonomy (23%), faunistics (21%), biology (3 %) and the bee-mite *Varroa* (9%). Please inform us if we have failed to list all your publications in the Bibliographia.

The database on mesostigmatic mites already contains 16,361 papers and 17,006 taxa. Every scientist who sends keywords for literature researches can receive a list of literature or taxa. Please help us keep the database as complete as possible by sending us pdf files, reprints or copies of all your papers on mesostigmatic mites, or, if this is not possible, complete references. The literature from 1995 to 2015 is searchable on the Internet. The Bibliographia Mesostigmatologica of number 1 to 11 and the issues 1 to 15 of ACARI can be downloaded free of charge. <http://www.senckenberg.de/Acari>

We are endeavouring to expand the reference collections on mites and are interested in obtaining determined mite material. It goes without saying that the deposition of type material in the acarological collections of the Senckenberg Museum of Natural History Görlitz is also possible. The availability of our collections is guaranteed, as presently 3 scientists and technical personnel are working with the mite collections. Types and original descriptions are presented on the Internet. <http://www.senckenberg.de/goerlitz/Arachnida-Database>

Acarological literature

Literature quotations printed in bold type contain descriptions of new species. Titles marked with “*” were only found as a citation or abstract. The addresses of the corresponding authors are given in the section Addresses.

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Nomina nova

The names of new taxa are listed here as far as we have received the papers. Their validity was not examined here. The authors of new combinations and new synonyms are written in [brackets].

Type-material information as follows:

Crinitodiscus kolcsari Kontschán, 2015 (Page: 1004¹) –
TYPES: HT² - HNHM³, PT² - MHNG³

1 – first page of the description

2 – holotype (HT), paratypes (PT) or syntypes (ST)

3 – abbreviations of the places of storage of new types, as far as they were cited in the publications

Abbreviations of the places of storage of new types

ACASI - Acarological Collection, Acarological Society of Iran, University of Tehran, Karaj, Iran

ACDE - Acarological Collection of the Department of Entomology, Islamic Azad University, Tehran, Iran

ACISTE - Acarological Collection, Institute of Science and High Technology and Environmental Sciences, Kerman, Iran

ANIC - Australian National Insect Collection, CSIRO Division of Entomology, Canberra, Australia

APAS - Acarological Laboratory Department Plant Protection, Agricultural College, Shahrekord University, Shahrekord, Iran

ARC-PPRI - Agricultural Research Council - Plant Protection Research Institute, Pretoria, South Africa

ASFEU - Biology Department, Arts and Sciences Faculty, Erzincan University, Erzincan, Turkey

BASU - Bu-Ali Sina University, Acarology Laboratory, Hamedan, Iran

CNC - Canadian National Collection of Insects, Arachnids and Nematodes, Ottawa, Canada

DBPU - Deartment of Biology of Pamukkale University, Denizli, Turkey

ESALQ/USP - Escola Superior de Agricultura “Luiz de Queiroz”, Universidade de Sao Paulo, Departamento de Entomologia e Acarologia, Piracicaba, Brazil

FAAS - Fujian Academy of Agricultural Sciences, Plant Protection Research Institute, Fuzhou, China

FAZ - Faculty of Agriculture, Plant Protection Department, Zagazig University, Zagazig, Egypt

FIOC - Fundacao Instituto Oswaldo Cruz, Rio de Janeiro, Brazil

FMNH - Field Museum of Natural History, Chicago, USA

HNHM - Hungarian Natural History Museum, Budapest, Hungary

HWML - Harold W. Manter Laboratory of Parasitology, University of Nebraska-Lincoln, Lincoln, Nebraska, USA

IBS - Instituto Butantan, Sao Paulo, Brazil

INBio - Instituto Nacional de Biodiversidad, Santa Domingo, Costa Rica

INRA - Institut National de la Recherche Agronomique, Montferrier-sur-Lez, France

ISB - Institute of Soil Biology, Biology Centre Academy of Sciences, Ceské Budejovice, Czechia

IZNASU - Institute of Zoology, National Academy of Sciences of the Ukraïne, Kiev, Ukraine

JAZM - Jalal Afshar Zoological Museum, Acarological Collection, University of Tehran, Karaj, Iran

KSMA - King Saud University Museum of Arthropods, Riyadh, Saudi Arabia

KSU - Acarology Laboratory, Department of Plant Protection, King Saud University, Riyadh, Saudi Arabia

LAZUA - Laboratory of Agricultural Zoology and Entomology, Agriculture University of Athens, Athens, Greece

MCN - Museu de Ciencias Naturais da Univates Centro Universitário, Lajeado, Brazil

- MHNG - **M**uséum d'**H**istoire **N**aturelle, **G**eneva, Switzerland
- MJHN-PUJ - **M**useo **J**averiano de **H**istoria **N**atural, **P**ontificia **U**niversidad **J**averiana, Bogotá, Colombia
- MKU - **M**useum of the **K**asetsart **U**niversity, Bangkok, Thailand
- MNCN - **M**useo **N**acional de **C**iencias **N**aturales, Madrid, Spain
- MZM - **M**oravské **Z**emské **M**useum, Brno, Czechia
- MZUNAV - **M**useum of **Z**oology, **U**niversity of **N**AVvarra, Pamplona, Spain
- NBPBC - **N**ational **B**ase of **P**lague and **B**rucellosis **C**ontrol, Baicheng City, Jilin Province, China
- NHML - **N**atural **H**istory **M**useum, Department of Entomology, **L**ondon, United Kingdom
- NMNH - **N**ational **M**useum of **N**atural **H**istory, Smithsonian Institution, Washington, USA
- NRCC - **N**ational **R**esearch **C**entre, Pests and Plant Protection Department, **C**airo, Egypt
- NZAC - **N**ew **Z**ealand **A**rthropod **C**ollection, Landcare Research, Auckland, New Zealand
- NZC - **N**ational **Z**oological **C**ollection, Zoological Survey of India, Calcutta, India
- ONUDZ - I.I. Mechnikov **O**dessa **N**ational **U**niversity, Department of **Z**oology, Odessa, Ukraine
- ONUMZ - I.I. Mechnikov **O**dessa **N**ational **U**niversity, **M**useum of **Z**oology, Odessa, Ukraine
- OSAL - **O**hio **S**tate **U**niversity, Museum of Biological Diversity, **A**carology **L**aboratory, Columbus, Ohio, USA
- PANZ - **P**lant Health and Environment Laboratory, **A**uckland, **N**ew **Z**ealand
- PULS - **P**oznan **U**niversity of **L**ife **S**ciences, Department of Forest Protection, Poznan, Poland
- QM - **Q**ueensland **M**useum, South Brisbane, Queensland, Australia
- SAS - **S**lovak **A**cademy of **S**ciences, Institute of Zoology, Bratislava, Slovakia
- SCU - **S**an **C**arlos **U**niversity, Cebu, Philippines
- SCUA - Plant Protection Department, Agricultural College, **S**hahid **C**hamran **U**niversity, **A**hvaz, Iran
- SIZK - I.I. **S**chmalhausen **I**nstitute of **Z**oology, National Academy of Sciences of Ukraine, **K**iev, Ukraine
- SMNG - **S**enckenberg **M**useum für **N**aturkunde **G**örlitz, Görlitz, Germany
- SNM - **S**lovak **N**ational **M**useum, Bratislava, Slovakia
- UESC - **U**niversidade **E**stadual de **S**anta **C**ruz, Laboratória de Entomologia, Ilhéus, Bahia, Brazil
- UMI - **U**niversity **M**oulay **I**smail, Meknès, Morocco
- UNESP - **U**niversidade **E**stadual **P**aulista, Campus de Sao José do Rio Preto, Sao Paulo, Brazil
- YIAU - Department of Plant Protection, **Y**azd Branch, **I**slamic **A**zad **U**niversity, Yazd, Iran
- ZSM - **Z**oologische **S**taatssammlungen, **M**ünchen, Germany

New species

- Allogamasellus castilhoi* Nemati & Vatankehah, 2016 (Page: 153) – TYPES: HT + PT - APAS, PT - SMNG
- Amblyseius caliginosus* Ferragut, 2015 (Page: 540) – TYPES: HT + PT - MNCN
- Amblyseius constrictus* Sá Argola, De Moraes & Oliveira, 2015 (Page: 749) – TYPES: HT + PT - ESALQ/USP
- Amblyseius grandiporus* Ferragut, 2015 (Page: 538) – TYPES: HT + PT - MNCN
- Ameroseius norvegicus* Narita, Abduch & De Moraes, 2015 (Page: 391) – TYPES: HT + PT - ESALQ/USP
- Ameroseius sternalis* Bhattacharyya & Kheto, 2015 (Page: 298) – TYPES: HT + PT - NZC
- Androlaelaps (Eubrachylaelaps) delomys* Gettinger & Gardner, 2015 (Page: 245) – TYPES: HT + PT - FIOC, PT - HWML, FMNH, IBS
- Angulobaloghia pedunculata* Kontschán & Kiss, 2015 (Page: 516) – TYPES: HT + PT - MHNG
- Asca campanispermata* Ma & Lin, 2015 (Page: 92) – TYPES: HT - FAAS
- Blattisocius damghaniae* Shams, Kazemi & Saboori, 2016 (Page: 140) – TYPES: HT + PT - JAZM, PT - ACISTE
- Blattisocius thaiocofloris* Oliveira, Chandrapatya & De Moraes, 2015 (Page: 94) – TYPES: HT + PT - ESALQ/USP, PT - MKU
- Bloszykiella tertia* Kontschán & Starý, 2015 (Page: 630) – TYPES: HT + PT - MHNG
- Cheiroseius mesae* Rueda-Ramirez, Varela & De Moraes, 2016 (Page: 504) – TYPES: HT + PT - ESALQ/USP, PT - MJHN-PUJ
- Chileseius australis* Ferragut, 2015 (Page: 527) – TYPES: HT + PT - MNCN
- Clivosurella ziscii* Kontschán, 2016 (Page: 95) – TYPES: HT - HNHM, PT - MHNG
- Cosmolaelaps egyptiacus* Nasr & Momen, 2016 (Page: 258) – TYPES: HT + PT - NRCC
- Cosmolaelaps malmiriensis* Nemati & Gwiazdowicz, 2016 (Page: 536) – TYPES: HT + PT - APAS, PT - PULS, SMNG
- Cosmolaelaps mirificus* Sklyar, 2012 (Page: 80) – TYPES: HT - SIZK
- Crinitodiscus kolcsari* Kontschán, 2015 (Page: 1004) – TYPES: HT - HNHM, PT - MHNG
- Depressorotunda hirca* Kontschán & Kiss, 2015 (Page: 524) – TYPES: HT + PT - MHNG
- Depressorotunda robusta* Kontschán & Kiss, 2015 (Page: 524) – TYPES: HT + PT - MHNG
- Deraiphorus taiwanica* Kontschán, Wang & Neményi, 2015 (Page: 264) – TYPES: HT - HNHM, PT - MHNG, ZSM
- Dinychus imitodilatatus* Ma, 2015 (Page: 5) – TYPES: HT - NBPBC
- Discourella guizhouensis* Ma, 2015 (Page: 6) – TYPES: HT + PT - NBPBC
- Epicriopsis atuberculatus* Nakita & De Moraes, 2016 (Page: 478) – TYPES: HT + PT - ESALQ/USP
- Eutrachytes flagellatus* Moraza, Kontschán, Sahoo & Ansari, 2016 (Page: 75) – TYPES: HT + PT - MZUNAV
- Gaeolaelaps heteroceri* Trach, 2016 (Page: 4) – TYPES: HT + PT - ONUMZ, PT - ONUDZ
- Gaeolaelaps khaustovi* Trach, 2016 (Page: 7) – TYPES: HT + PT - ONUMZ
- Gaeolaelaps lenis* Vatankehah & Nemati, 2016 (Page: 567) – TYPES: HT + PT - APAS, PT - SCUA, SMNG
- Gaeolaelaps sebastianovi* Trach, 2016 (Page: 10) – TYPES: HT + PT - ONUMZ
- Geolaelaps genitotortus* Sklyar, 2012 (Page: 75) – TYPES: HT + PT - SIZK (please see HALLIDAY & LINDQUIST 2007 *Geolaelaps* Berlese, 1923 nomen nudum)
- Gamasellodes andinus* Rueda-Ramirez, Varela & De Moraes, 2016 (Page: 495) – TYPES: HT + PT - ESALQ/USP, PT - MJHN-PUJ
- Gamasellodes intermedius* Rueda-Ramirez, Varela & De

- Moraes, 2016 (Page: 498) – TYPES: HT + PT - ESALQ/USP, PT - MJHN-PUJ
- Gigantolaelaps scolomys* Gettinger & Gardner, 2015 (Page: 81) – TYPES: HT + PT - HWML, PT - FMNH
- Halolaelaps hatfieldi* Krantz, 2016 (Page: 1799) – TYPES: HT - NMNH, PT - OSAL, CNC, ANIC
- Hispiniphis brevipila* Moraza & Lindquist, 2016 (Page: 87) – TYPES: HT + PT - INBio, PT - CNC, MZUNAV
- Hispiniphis disparsetosa* Moraza & Lindquist, 2016 (Page: 92) – TYPES: HT + PT - INBio, PT - CNC, MZUNAV
- Hispiniphis similisetae* Moraza & Lindquist, 2016 (Page: 96) – TYPES: HT + PT - INBio, PT - CNC, MZUNAV
- Hispiniphis striata* Moraza & Lindquist, 2016 (Page: 101) – TYPES: HT + PT - INBio, PT - CNC, MZUNAV
- Hypoaspis dubininae* Sklyar, 2012 (Page: 84) – TYPES: HT - SIZK
- Hypoaspis eremitus* Sklyar, 2012 (Page: 82) – TYPES: HT - SIZK
- Julolaelaps hallidayi* Nemati, Riahi & Gwiazdowicz, 2015 (Page: 107) – TYPES: HT - APAS, PT - SMNG
- Laelaptiella sinica* Ma & Ji, 2015 (Page: 24) – TYPES: HT + PT - FAAS
- Laelaspis elongatus* Kazemi, Mehrzad & Latifi, 2016 (Page: 147) – TYPES: HT + PT - ACISTE
- Laelaspis morazae* Kazemi, 2015 (Page: 420) – TYPES: HT + PT - ACISTE, PT - APAS
- Laelaspis mossadeghi* Babaeian & Joharchi, 2013 (Page: 354) – TYPES: HT + PT - JAZM, PT - YIAU, ANIC
- Laelaspis natanziensis* Masoomi, Joharchi & Jalalizand, 2016 (Page: 28) – TYPES: HT + PT - YIAU
- Laelaspisella elsae* Joharchi, Babaeian & Jalalizand, 2016 (Page: 16) – TYPES: HT + PT - YIAU, PT - JAZM, ANIC
- Lasioseius dominicensis* Abo-Shnaf, Sánchez & De Moraes, 2016 (Page: 619) – TYPES: HT + PT - ESALQ/USP
- Lasioseius neocepa* Mostafa, 2011 (Page: 858) – TYPES: HT + PT - FAZ
- Lasioseius oryzae* Abo-Shnaf, Sánchez & De Moraes, 2016 (Page: 622) – TYPES: HT + PT - ESALQ/USP
- Lasioseius prorsoperitrematus* Abo-Shnaf, Sánchez & De Moraes, 2016 (Page: 627) – TYPES: HT + PT - ESALQ/USP
- Lasioseius sanchezensis* Abo-Shnaf, Sánchez & De Moraes, 2016 (Page: 631) – TYPES: HT + PT - ESALQ/USP
- Lattinella sichuanensis* Ma & Lin, 2015 (Page: 21) – TYPES: HT + PT - FAAS
- Metaseiulus parabrevicollis* Ferragut, 2015 (Page: 546) – TYPES: HT + PT - MNCN
- Nenteria lii* Kontschán, Wang & Neményi, 2015 (Page: 196) – TYPES: HT + PT - HNHM, PT - MHNG
- Neodiscopoma crassichaeta* Ma, 2015 (Page: 14) – TYPES: HT - NBPBC
- Neodiscopoma gansuensis* Ma, 2015 (Page: 13) – TYPES: HT - NBPBC
- Neogamasus laoshanensis* Bai, Lu & Zhang, 2015 (Page: 89) – TYPES: HT + PT - NBPBC
- Neopodocinum longisetum* Ács, Suták & Kontschán, 2016 (Page: 67) – TYPES: HT - HNHM
- Neoseiulella paralias* Stathakis, Kapaxidi & Papadoulis, 2016 (Page: 568) – TYPES: HT + PT - LAZUA, PT - NHML
- Neoseiulus jeca* Lofego, Demite & Calvalcante, 2016 (Page: 116) – TYPES: HT + PT - UNESP, PT - ESALQ/USP
- Neoseiulus mapuche* Ferragut, 2015 (Page: 530) – TYPES: HT + PT - MNCN
- Neoseiulus thymeleae* Tixier, Kreiter & Allam, 2016 (Page: 529) – TYPES: HT + PT - INRA, PT - UMI
- Nothrolaspis bilobatus* Özbek & Halliday, 2015 (Page: 507) – TYPES: HT + PT - ASFEU, PT - ANIC
- Ologamasus delaliberai* Santos, Castilho, Silva & De

- Moraes, 2015 (Page: 272) – TYPES: HT + PT - ESALQ/USP
USP, PT - MJHN-PUJ
- Ologamasus lucasi* Santos, Castilho, Silva & De Moraes, 2015 (Page: 268) – TYPES: HT + PT - ESALQ/USP
Pogonolaelaps beaulieui Nemati & Gwiazdowicz, 2016 (Page: 35) – TYPES: HT + PT - APAS, PT - SMNG, NHML, NMNH, PULS
- Olopachys crescentus* Özbek, 2016 (Page: 661) – TYPES: HT + PT - ASFEU, PT - ANIC
Porrhostaspis xizangensis Ma, 2015 (Page: 80) – TYPES: HT + PT - FAAS
- Olopachys digitus* Özbek, 2016 (Page: 658) – TYPES: HT + PT - ASFEU, PT - ANIC
Pristolaelaps expansus Ma, 2015 (Page: 95) – TYPES: HT - NBPBC
- Olopachys semicirculus* Özbek, 2016 (Page: 664) – TYPES: HT + PT - ASFEU, PT - ANIC
Proctolaelaps colombianus Rueda-Ramirez, Varela & De Moraes, 2016 (Page: 508) – TYPES: HT + PT - ESALQ/USP, PT - MJHN-PUJ
- Oplitis apicalis* Santos Lopes, Oliveira, Delabie & Klompen, 2015 (Page: 676) – TYPES: HT + PT - UESC, PT - ESALQ/USP, OSAL
Proctolaelaps superagui Literakova, 2016 (Page: 265) – TYPES: HT + PT - ESALQ/USP, PT - SNM, NHML, OSAL, MZM
- Orolaelaps piracicabensis* Sourassou, De Moraes & Santos, 2015 (Page: 315) – TYPES: HT + PT - ESALQ/USP
Proctolaelaps yangxizhengi Bai, Yan & Zhang, 2015 (Page: 27) – TYPES: HT + PT - FAAS
- Orolaelaps tupiniquim* Sourassou, De Moraes & Santos, 2015 (Page: 319) – TYPES: HT + PT - ESALQ/USP
Prozercon achaeanus Ujvári, 2011 (Page: 9) – TYPES: HT + PT - HNHM
- Pachyseius accedens* Masán & Özbek, 2016 (Page: 274) – TYPES: HT + PT - SAS, PT - ASFEU
Prozercon banazensis Urhan, Karaca & Duran, 2015 (Page: 1011) – TYPES: HT + PT - DBPU
- Pachyseius arrhenobasis* Masán & Özbek, 2016 (Page: 276) – TYPES: HT + PT - SAS, PT - ASFEU
Prozercon bulbiferus Ujvári, 2011 (Page: 11) – TYPES: HT + PT - HNHM
- Pachyseius masanisimilis* Ahadiyat & Ghasemi Moghadam, 2016 (Page: 110) – TYPES: HT + PT - ACDE
Prozercon dramaensis Ujvári, 2011 (Page: 14) – TYPES: HT + PT - HNHM
- Pachyseius persicus* Babaeian & Masán, 2016 (Page: 421) – TYPES: HT + PT - JAZM, PT - ACASI, ISB
Prozercon graecus Ujvári, 2011 (Page: 16) – TYPES: HT + PT - HNHM
- Paragigagnathus iraniensis* Khanjani, Karimi, Fayaz & Ueckermann, 2016 (Page: 196) – TYPES: HT + PT - BASU, PT - ARC-PPRI
Prozercon morazae Ujvári, 2011 (Page: 22) – TYPES: HT + PT - DBPU
- Paragigagnathus madinaensis* Alatawi, Kamran & Basahih, 2016 (Page: 703) – TYPES: HT + PT - KSMA, PT - KSU, ARC-PPRI
Prozercon norae Ujvári, 2011 (Page: 24) – TYPES: HT + PT - HNHM
- Pergamasus biconicendogynii* Ma, 2015 (Page: 80) – TYPES: HT + PT - FAAS
Pseudoparasitus hajiqaanbar Kazemi, 2014 (Page: 43) – TYPES: HT + PT - ACISTE, PT - JAZM
- Pneumolaelaps niutirani* Fan & Zhang, 2016 (Page: 124) – TYPES: HT + PT - PANZ, PT - NZAC
Rotundabaloghia (Circobaloghia) javaensis Kontschán & Kiss, 2015 (Page: 521) – TYPES: HT + PT - MHNG
- Protogamasellus caleraensis* Rueda-Ramirez, Varela & De Moraes, 2016 (Page: 500) – TYPES: HT - ESALQ/USP
Rotundabaloghia wangi Kontschán & Kiss, 2015 (Page: 518) – TYPES: HT + PT - MHNG

- Scissuralaelaps huberi* Seeman & Alberti, 2015 (Page: 708) – TYPES: HT + PT - SCU, PT - SMNG, QM
- Trachyibana sarawakiensis* Kontschán, 2015 (Page: 273) – TYPES: HT + PT - MHNG
- Transeius audeae* Kreiter, Allam & Tixier, 2016 (Page: 532) – TYPES: HT - INRA
- Transeius kroeffis* Goncalves & Ferla, 2015 (Page: 571) – TYPES: HT + PT - MCN
- Trichouropoda guizhouensis* Ma, 2015 (Page: 16) – TYPES: HT - NBPBC
- Trichouropoda imitorszaghi* Ma, 2015 (Page: 18) – TYPES: HT + PT - NBPBC
- Trichouropoda sichuanensis* Ma, 2015 (Page: 17) – TYPES: HT + PT - NBPBC
- Typhlodromalus araucariae* Goncalves & Ferla, 2015 (Page: 573) – TYPES: HT + PT - MCN
- Typhlodromips fissuratus* Ferragut, 2015 (Page: 536) – TYPES: HT + PT - MNCN
- Typhlodromips pompeui* Goncalves & Ferla, 2015 (Page: 576) – TYPES: HT + PT - MCN
- Typhlodromips salvadorii* Goncalves & Ferla, 2015 (Page: 577) – TYPES: HT + PT - MCN
- Typhlodromips valdivianus* Ferragut, 2015 (Page: 533) – TYPES: HT + PT - MNCN
- Typhlodromus (Anthoseius) anomalos* Ferragut, 2015 (Page: 543) – TYPES: HT + PT - MNCN
- Typhlodromus ballotae* Tixier, Kreiter & Allam, 2016 (Page: 533) – TYPES: HT + PT - INRA, PT - UMI
- Typhlodromus leclanti* Kreiter, Tixier & Allam, 2016 (Page: 535) – TYPES: HT + PT - INRA, PT - UMI
- Typhlodromus mazarii* Allam, Tixier & Kreiter, 2016 (Page: 538) – TYPES: HT + PT - INRA, PT - UMI
- Typhloseiella improvisa* Kolodochka, Bondarev & Gwiazdowicz, 2015 (Page: 842) – TYPES: HT + PT - IZNASU
- Uroobovella bambocola* Kontschán, Wang & Neményi, 2015 (Page: 268) – TYPES: HT + PT - HNHM, PT - MHNG, ZSM
- Uroobovella miraperitremata* Ma, 2015 (Page: 5) – TYPES: HT + PT - NBPBC
- Uropoda angustigenitalia* Ma, 2015 (Page: 11) – TYPES: HT + PT - NBPBC
- Vulgarogamasus liupanshanensis* Bai, Gao & Wei, 2015 (Page: 87) – TYPES: HT + PT - NBPBC
- Yedinychus huangshanensis* Ma, 2015 (Page: 2) – TYPES: HT - NBPBC
- Yedinychus xinjiangensis* Ma, 2015 (Page: 1) – TYPES: HT + PT - NBPBC
- Zercon bulancakensis* Urhan, 2012 (Page: 125) – TYPES: HT + PT - DBPU
- Zercon ekizi* Urhan, Duran & Karaca, 2016 (Page: 165) – TYPES: HT + PT - DBPU
- Zercon emirdagicus* Urhan, Duran & Karaca, 2016 (Page: 168) – TYPES: HT + PT - DBPU
- Zercon filiformis* Karaca & Urhan, 2016 (Page: 35) – TYPES: HT + PT - DBPU
- Zercon geliboluensis* Karaca & Urhan, 2016 (Page: 38) – TYPES: HT + PT - DBPU
- Zercon imperfectsetosus* Urhan, 2012 (Page: 129) – TYPES: HT + PT - DBPU
- Zercon sklarsimilis* Karaca & Urhan, 2016 (Page: 48) – TYPES: HT + PT - DBPU
- Zercon tekirdagensis* Karaca & Urhan, 2016 (Page: 49) – TYPES: HT + PT - DBPU
- Zercon thracicus* Karaca & Urhan, 2016 (Page: 51) – TYPES: HT + PT - DBPU

New genera

Paraphytoevanseius Prasad, 2015 (Page: 36) – Typ. sp.:
Amblyseius (Paraphytoseius) arjunae Sadanandan, 2006

Pogonolaelaps Nemati & Gwiazdowicz, 2016 (Page:

- 25) – Typ. sp.: *Laelaps canestrinii* Berlese, 1903
- Trachyibana* Kontschán, 2015 (Page: 273) – Typ. sp.
Trachyibana sarawakiensis Kontschán, 2015
- Yedinychus* Ma, 2015 (Page: 1) – Typ. sp.: *Yedinychus xinjiangensis* Ma, 2015
- New combinations**
- Anephasca bicirratu*s (Karg, 1977) – [De Moraes, Britto, Mineiro & Halliday, 2016: 64]
- Cheiroseius alpestris* (Berlese, 1916) – [De Moraes, Britto, Mineiro & Halliday, 2016: 137]
- Cheiroseius grandis* (Berlese, 1916) – [De Moraes, Britto, Mineiro & Halliday, 2016: 143]
- Cheiroseius grimseli* (Schweizer, 1961) – [De Moraes, Britto, Mineiro & Halliday, 2016: 144]
- Cheiroseius parapodicus* (Berlese, 1916) – [De Moraes, Britto, Mineiro & Halliday, 2016: 149]
- Cheiroseius similis* (Berlese, 1916) – [De Moraes, Britto, Mineiro & Halliday, 2016: 153]
- Copriph*is *trichiensis* (Ramaraju & Mohanasundaram, 1996) – [Masán, 2016: 380]
- Cosmolaelaps angustiscutata* (Willmann, 1951) – [Nemati & Gwiazdowicz, 2016: 544]
- Cosmolaelaps guttulata* (Karg, 1978) – [Moreira, Klompen & De Moraes, 2014: 319]
- Cosmolaelaps markewitschi* (Pirianyuk, 1959) – [Nemati & Gwiazdowicz, 2016: 545]
- Cosmolaelaps zachvatkinae* (Shereef & Affifi, 1980) – [Nemati & Gwiazdowicz, 2016: 548]
- Gamasellodes eusetosus* (Karg, 2007) – [De Moraes, Britto, Mineiro & Halliday, 2016: 111]
- Iphidozercon rotundnalis* (Ma, 2013) – [De Moraes, Britto, Mineiro & Halliday, 2016: 117]
- Laelaspisella tonsilis* (Karg, 1989) – [Joharchi, Babaeian & Jalalizand, 2016: 18]
- Lasioseius dentatissimus* (Karg, 1996) – [De Moraes, Britto, Mineiro & Halliday, 2016: 165]
- Lasioseius extremus* (Daneshvar, 1987) – [De Moraes, Britto, Mineiro & Halliday, 2016: 167]
- Lasioseius faustus* (Parvez, Iqbal & Akbar, 2000) – [De Moraes, Britto, Mineiro & Halliday, 2016: 167]
- Lasioseius jamali* (Ahmad, Bashir & Afzal, 2006) – [De Moraes, Britto, Mineiro & Halliday, 2016: 171]
- Lasioseius lendis* (Parvez, Iqbal & Akbar, 2000) – [De Moraes, Britto, Mineiro & Halliday, 2016: 173]
- Mesozzercon changbaiensis* (Bei, Shi & Yin, 2002) – [Ujvári, 2011: 5]
- Neopodocinum serrochaetae* (Ramaraju & Mohanasundaram, 1996) – [Masán, 2016: 380]
- Paraphytoevanseius arjunae* (Sadanandan, 2006) – [Prasad & Karmakar, 2015: 38]
- Platyseius berlesei* (Krantz, 1962) – [De Moraes, Britto, Mineiro & Halliday, 2016: 193]
- Pogonolaelaps canestrinii* (Berlese, 1903) – [Nemati & Gwiazdowicz, 2016: 28]
- Proctolaelaps sibiriensis* (Davydova, 1988) – [De Moraes, Britto, Mineiro & Halliday, 2016: 226]
- Pristolaelaps paratasmanicus* (Ryke, 1962) – [Ma, 2015: 96]
- Proctolaelaps grandis* (Chant, 1963) – [De Moraes, Britto, Mineiro & Halliday, 2016: 212]
- Proctolaelaps zhongweiensis* (Bai & Gu, 1994) – [De Moraes, Britto, Mineiro & Halliday, 2016: 228]
- Protogamasellus evansi* (Karg, 2000) – [De Moraes, Britto, Mineiro & Halliday, 2016: 124]
- Protogamasellus longipellis* (Karg, 2000) – [De Moraes, Britto, Mineiro & Halliday, 2016: 125]
- Prozercon bisternalis* (Blaszak, 1979) – [Ujvári, 2011: 5]
- Prozercon blaszaki* (Urhan & Ayyildiz, 1996) – [Ujvári, 2011: 5]

Scarabacariphis geotrupes (Ishikawa, 1979) – [Kazemi, 2016: 131]

Tropicoseius chocoensis (Wiese & Fain, 1996) – [De Moraes, Britto, Mineiro & Halliday, 2016: 233]

Xenoseius yamamotoi (Ishikawa, 1984) – [De Moraes, Britto, Mineiro & Halliday, 2016: 127]

New synonyms

Amblyseius brazilli El-Banhawy, 1975 – [Lopes, McMurty & De Moraes, 2015: 183]
= *Euseius mesembrinus* (Dean, 1957)

Amblyseius (Euseius) ho De Leon, 1965 – [Lopes, McMurty & De Moraes, 2015: 183]
= *Euseius mesembrinus* (Dean, 1957)

Cosmolaelaps acutiscutus Teng, 1982 – [Nemati & Gwiazdowicz, 2006: 544]
= *Cosmolaelaps angustiscutata* (Willmann, 1951)

Cosmolaelaps subacutiscutus Bai & Wang, 2005 – [Nemati & Gwiazdowicz, 2006: 544]
= *Cosmolaelaps angustiscutata* (Willmann, 1951)

Euseius caseariae De Leon, 1967 – [Lopes, McMurty & De Moraes, 2015: 180]
= *Euseius concordis* (Chant, 1959)

Pachyseius morenoi Moraza, 1993 – [Masán & Özbek, 2016: 279]
= *Pachyseius angustiventris* Willmann, 1935

Paraphytoseius nicobarensis (Gupta, 1977) – [Prasad & Karmakur, 2015: 147]
= *Paraphytoseius cracentis* (Corpuz & Rimando, 1966)

Protofurcatus Karg, 2007 – [De Moraes, Britto, Mineiro & Halliday, 2016: 122]
= *Protogamasellus* Karg, 1962

Protogamasellodes Evans & Purvis, 1987 – [De Moraes, Britto, Mineiro & Halliday, 2016: 122]
= *Protogamasellus* Karg, 1962

Prozercon (Plumatozercon) Balan, 1992 – [Ujvári, 2011: 3]
= *Prozercon* Sellnick, 1943

Rafas Blaszkak, 1979 – [Ujvári, 2011: 3]
= *Prozercon* Sellnick, 1943

New names

Asca deleoni De Moraes, Britta & Mineiro, 2016 pro *Asca plumosa* De Leon, 1967 – [De Moraes, Britto, Mineiro & Halliday, 2016: 92]

Cheiroseius sectatus De Moraes, Britto, Mineiro & Halliday, 2016 pro *Platyseius (Cheiroseius) insculptus* Bernhard, 1963 – [De Moraes, Britto, Mineiro & Halliday, 2016: 152]

Laelaspisella berlesei Joharchi, 2016 pro *Laelaps (Eulaelaps) canestrinii* Berlese, 1903 – [Joharchi, Babaeian & Jalalizand, 2016: 19]

Lasioseius nasri De Moraes, Britto, Mineiro & Halliday, 2016 pro *Lasioseius lindquisti* Nasr & Abou-Awad, 1986 – [De Moraes, Britto, Mineiro & Halliday, 2016: 177]

Proctolaelaps afifi De Moraes, Britto, Mineiro & Halliday, 2016 pro *Proctolaelaps striatus* Afifi, Hassan & El-Bishlawy, 1984 (preoccupied by *P. striata* (Westerboer, 1963)) – [De Moraes, Britto, Mineiro & Halliday, 2016: 204]

Proctolaelaps holovertris De Moraes, 2016 pro *Proctolaelaps* n. sp. 2 in Nasr, 1978, *Proctolaelaps orientalis* Nasr, in Zaher, 1986 – [De Moraes, Britto, Mineiro & Halliday, 2016: 212]

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OBITUARY for Prof. Dr. habil. Wolfgang Karg



On August 4th, 2016, Professor Dr. habil. Wolfgang Karg died at the age of 89 years. We lose a great acarologist who was worldwide known as a taxonomist of mesostigmatic mites.

Professor Karg was born 1927 on July 10th in Gröningen, near Halberstadt in Germany. After returning from captivity of World War II, he finished secondary high school. He studied biology at Humboldt University in Berlin. After several years of working as a teacher, he was employed from 1955 at the Biological Central Institute, since 1972 at the Institute of Plant Protection Research and after its dissolution at the Institute of Integrated Pest Management of the Federal Biological Research Centre for Agriculture and Forestry in Kleinmachnow, near Potsdam. At first he focused his research on Collembola and then he moved quickly to Acarology, which became his special field of research until his death. He described more than 300 new predatory mite species from many regions of the world and studied intensively the predatory mites in apple orchards. His scientific work with more than 250 publications attained great international prestige. Eminent emphasis may be given

two books, the authoritative reference for determination of predatory mites in Central Europe "Acari (Acarina), mites, suborder Anactinochaeta (Parasitiformes). The free-living Gamasina (Gamasides), Predatory mites" published 1971 and the 2nd revised edition 1993 with the title "Acari (Acarina), mites, Parasitiformes (Anactinochaeta), Cohors Gamasina Leach, Predatory mites". The second emphasized book "Predatory mites, useful regulators in the ecosystem" was published 1994 as part of a project funded by the German Research Society.

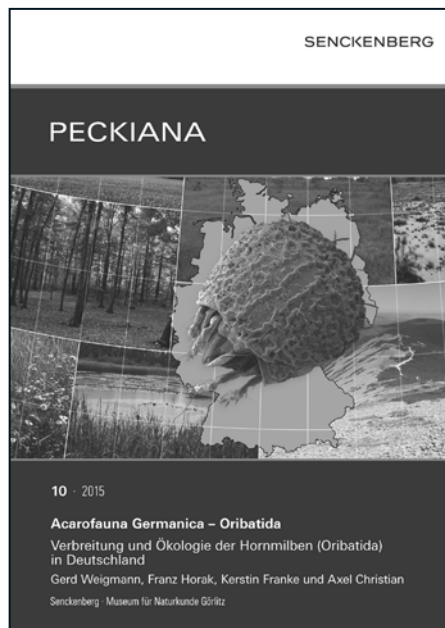
Unfortunately Wolfgang Karg could fulfil his reputation as an internationally important scientist in the field of predatory mites in the GDR only partly. Publications in international journals had to be approved by the Academy of Agricultural Sciences. Missions in western countries had been refused. Particularly strange was the scientific correspondence, which could in principle take place only by the director of the institute, so that some acarologists need to doubt whether Mr. Karg exist at all. This changed only after the political changes in Germany. In 1990 for the first time Wolfgang Karg was able to participate in an international congress of Acarology, where he was a much sought conversational partner. This gave him joy and great satisfaction.

In appreciation of his nationally and internationally recognized achievements, he was awarded in 1990 by the Academy of Agricultural Sciences with the title of a professor. In 1993 his scientific oeuvre was honored with the Fabricius Medal of the German Society for General and Applied Entomology.

Even after his retirement, he continued his research in acarology. He corresponded worldwide, described new species and published scientific papers. His last publication finished shortly before his death.

We mourn a great scientist in acarological research. We will always commemorate his great knowledge, his researchers urge, his objectivity and his modesty and last but not least through his cheerful nature and his laughter.

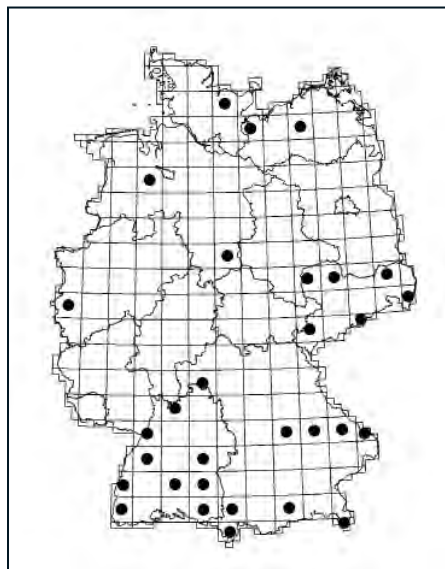
Prof. Dr. Bernd Freier, Dr. Barbara Baier, Kleinmachnow



Verbreitung und Ökologie der Hornmilben (Oribatida) in Deutschland / Distribution and Ecology of Oribatid Mites (Oribatida) in Germany

Gerd Weigmann, Franz Horak, Kerstin Franke und Axel Christian

The fauna presents the regional occurrence of oribatid mites (Oribatida) in Germany on the basis of extensive collection and literature evaluations and presents for the first time distribution maps and biotope preferences for individual species. There are listed evidences of 560 species with information about taxonomic literature, life habits and ecology, there of 65 oribatid mite species newly detected in Germany.



Melanozetes mollicomus (C.L. Koch, 1839)

Taxonomie: **Be** = *Oribates mollicomus* C.L. Koch, 1839 - CMA 30.20 • **Syn** = *Sphaerozetes (Trichoribates) m.* • **Sch** = Weigmann 2006

Biotop: **E, AR, GQ, MD, MH, W, WL, WM, WN, WT, WZ**

Lebensweise: **ar, bo, el, ep**

Vorkommen: **BW, BY, MV, NI, NW, SH, SN**

Anmerkungen: Eurytop, bevorzugt in Hochmooren und Waldböden.

Kürzel code Biotop habitats

E	Eurytop (relevante Vorkommen in mehr als 3 Biotop-Gruppen (S, L, W,...) eurytopic (relevant occurrence in more than 3 habitat types (as S, L, W,...))
S	Meeresküstenbiotope <i>seashore habitats</i>
SG	Salzgrünland, Brackwasserröhrichte <i>salt meadows, brackish reeds</i>
SD	Küstendünen <i>coastal dunes</i>
SK	Fels- und Steinküsten <i>rocky and stony shores</i>
G	Binnengewässer <i>freshwater biotopes</i>
GQ	Quellen, Quellabfluss <i>springs, spring runoff</i>
GF	fließende Gewässer <i>water courses</i>
GS	stehende Gewässer <i>standing water</i>

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