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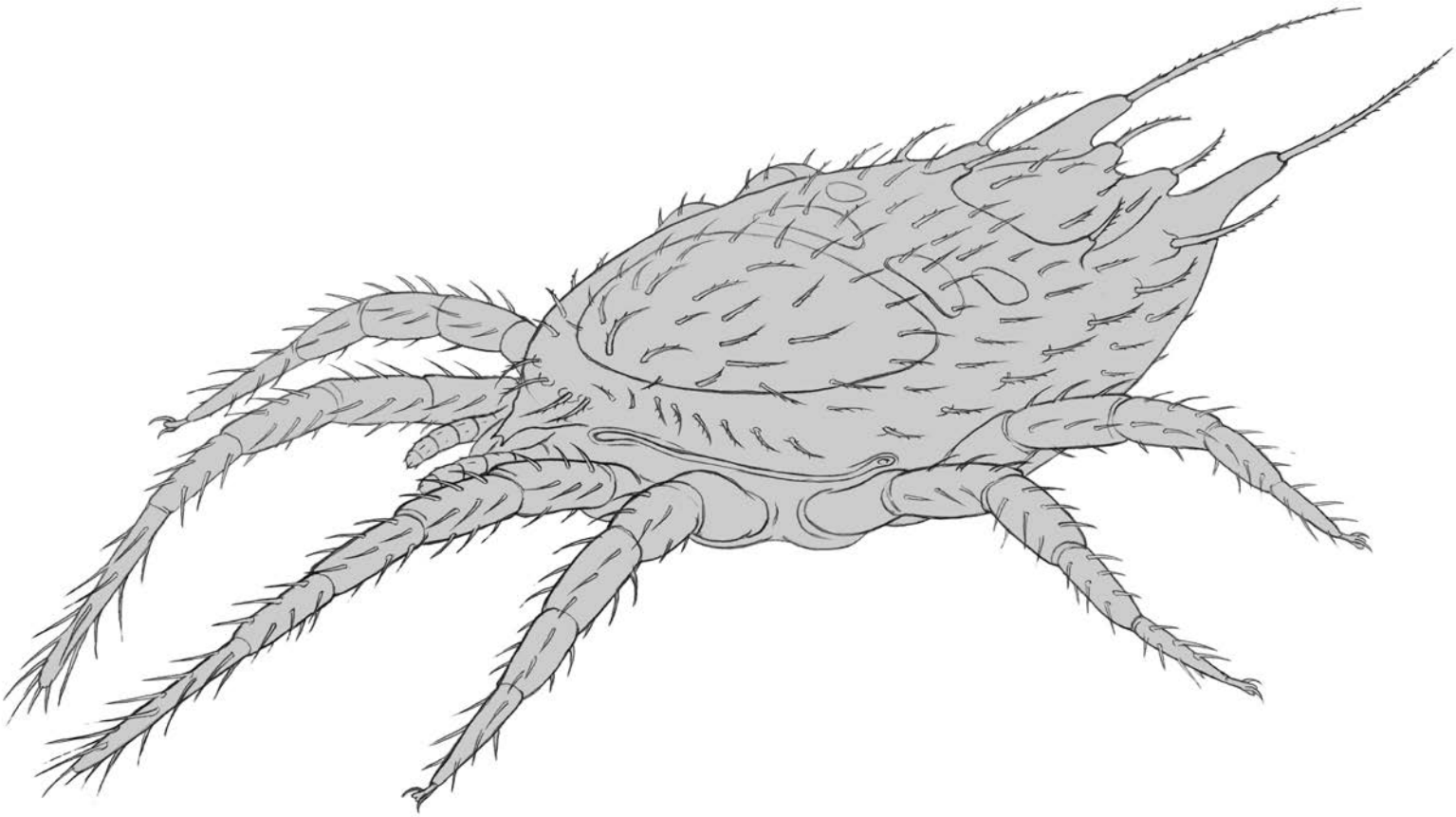

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Mesostigmata

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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 296 titles. In these publications, 90 new species and genera are described. The majority of articles concern ecology (48 %), taxonomy (22 %), faunistics (9 %), biology (6 %) and the bee-mite Varroa (14 %). Please inform us if we have failed to list all your publications in the Bibliographia.

The database on mesostigmatic mites already contains 18,477 papers and 18,045 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 Bibliographia Mesostigmatologica of number 1 to 11 and the issues 1 to 21 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.

Acarological literature

Literature quotations printed in bold type contain descriptions of new species. Titles marked with "*" were only found as a citation or abstract.

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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:

Amblyseius meghalayensis Kar & Karmakar, 2021 (Page: 309[1]) – TYPES: HT[2] - NZC, PT[2] - BCKV[3]

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

ACDPP - **A**carology **C**ollection, **D**epartment of **P**lant **P**rotection, College of Agriculture Sciences and Food Industries, Science and Research Branch, Islamic Azad University, Tehran, Iran

ALCU - **A**carology **L**aboratory, Department of Plant Protection, **C**ukurova **U**niversity, Adana, Turkey

ANIC - **A**ustralian **N**ational **I**nsect **C**ollection, CSIRO Division of Entomology, Canberra, Australia

APAS - **A**carological Laboratory, Department of **P**lant Protection, **A**gricultural College, **S**hahrekord University, Shahrekord, Iran

ATK NÖVI - **A**grár **T**udományi **K**utatóközpont, **NÖ**vény **V**édelmi **I**ntézet, ELKH, Budapest, Hungary

BCKV - **B**idhan **C**handra **K**rishi **V**iswavidyalaya, Acarology Laboratory, Department of Agricultural Entomology, Mohanpur, West Bengal, India

BMNH - **B**ritish **M**useum of **N**atural **H**istory, Department of Entomology, London, United Kingdom

CALAPASIL - **C**oleção de **A**rtrópodes do **LA**boratório de **PA**rasitologia de Animais **SIL**vestres, Universidade Federal de Pelotas, Pelotas, Brazil

ESALQ/USP - **E**scola **S**uperior de **A**gricultura "**L**uiz de **Q**ueiroz", **U**niversidade de **S**ao **P**aulo, Departamento de Entomologia e Acarologia, Piracicaba, Brazil

ESAM - **E**gyptian **S**ociety of **A**carology **M**useum, Zoology and Agricultural Nematology Department, Faculty of Agriculture, Cairo University, Giza governorate, Egypt

IBSP - **I**nstituto **B**utantan, **S**ao **P**aulo, Brazil

INABIO - **I**nstituto **NA**cional de **BIO**diversidad del Ecuador, Quito, Ecuador

INRAE - **I**nstitut **N**ational de **R**echerche pour l'**A**griculture, l'Alimentation et l'**E**nvironnement, Acarology Collection, Montpellier, France

ISEA - **I**nstitute of **S**ystematics and **E**cology of **A**nimals, Zoological Museum, Novosibirsk, Russia

IZGAS - **I**nstitute of **Z**oology, **G**uangdong **A**cademy of **S**ciences, Guangzhou, China

JAZM - **J**alal **A**fshar **Z**oological **M**useum, Acarological Collection, University of Tehran, Karaj, Iran

KWU - **K**azimierz **W**iełki **U**niversity, Department of Evolutionary Biology, Bydgoszcz, Poland

LEA-UCE - **L**aboratorio de **E**ntomología y **A**carología de la **U**niversidad **C**entral del **E**cuador, Quito, Ecuador

MHNG - **M**uséum d'**H**istoire **N**aturelle, **G**enèva, Switzerland

MLP - **M**useo de **L**a **P**lata, Entomological Collection, Buenos Aires, Argentina

MM - **M**anchester **M**useum, Manchester, United Kingdom

NCA-PPRI - South Africa **N**ational **C**ollection of **A**rachnida (Acari), **P**lant **P**rotection **R**esearch **I**nstitute, Pretoria, South Africa

NECJU - **N**ature **E**ducation **C**entre, **J**agiellonian **U**niversity, Kraków, Poland

NZC - **N**ational **Z**oological **C**ollection, Zoological Survey of India, Kolkata, India

OSAL - **O**hio **S**tate University, Museum of Biological Diversity, **A**carology **L**aboratory, Columbus, Ohio, USA

SMNG - **S**enckenberg **M**useum für **N**aturkunde **G**örlitz, Görlitz, Germany

TSUMZ - **T**yumen **S**tate **U**niversity **M**useum of **Z**oology, Tyumen, Russia

UFMG - **U**niversidade **F**ederal de **M**inas **G**erais, Departamento de Zoologia, Colecao de Acarologia, Belo Horizonte, Brazil

UNESP - **UN**iversidade **ES**tadual **P**aulista, Campus de Sao José do Rio Preto, Sao Paulo, Brazil

UPV - **U**niversidad **P**olitécnica of **V**alencia, Institut Agroforestal Ecosystems, Laboratory of Acarology, Valencia, Spain

USDA - **U**nited **S**tates **D**epartment of **A**griculture, United State National Museum Collection, Beltsville, USA

UZI - **U**niversity of **Z**abol, College of Agriculture, Department of Plant Protection, Zabol, **I**ran

ZISP - **Z**oological **I**nstitute of the Russian Academy of Sciences, **S**aint **P**etersburg, Russia

ZMUB - **Z**oological **M**useum, **U**niversity **B**ergen, Bergen, Norway

New species

Amblyseiulella tibouchina Molla & Karmakar, 2021 (Page: 365) – TYPES: HT - NZC, PT - BCKV

Amblyseius azaliae Kar & Karmakar, 2021 (Page: 306) – TYPES: HT - NZC, PT - BCKV

Amblyseius erici Kreiter, 2021 (Page: 852) – TYPES: HT + PT - INRAE

Amblyseius matogrossensis Demite, Rezende & Lofego, 2021 (Page: 2274) – TYPES: HT + PT - UNESP

Amblyseius meghalayensis Kar & Karmakar, 2021 (Page: 309) – TYPES: HT - NZC, PT - BCKV

Amblyseius rishyapensis Molla & Karmakar, 2021 (Page: 368) – TYPES: HT - NZC, PT - BCKV

Androlaelaps azarae Lareschi & Savchenko, 2021 (Page: 298) – TYPES: HT + PT - MLP

Androlaelaps cursor Lareschi & Savchenko, 2021 (Page: 299) – TYPES: HT + PT - MLP

Androlaelaps montensis Lareschi & Savchenko, 2021 (Page: 299) – TYPES: HT + PT - MLP

Arculatatrachy pomberoi Kontschán & Starý, 2022 (Page: 55) – TYPES: HT + PT - MHNG

Baikalozercon dracunculus Marchenko, 2022 (Page: 304) – TYPES: HT + PT - ISEA, PT - MM

Baikalozercon irbis Marchenko, 2022 (Page: 318) – TYPES: HT + PT - ISEA, PT - MM

Bulbolaelaps bossei Faraji, Zare & Rahamani, 2021 (Page: 968) – TYPES: HT + PT - JAZM, PT - ANIC, SMNG, BMNH, OSAL

Cheiroseius oasisensis Abo-Shnaf & Nasr, 2021 (Page: 650) – TYPES: HT + PT - ESAM

Cheiroseius roystoneae Abo-Shnaf & Nasr, 2021 (Page: 654) – TYPES: HT + PT - ESAM

Cosmolaelaps floridius Nemati, Gwiazdowicz & Riahi, 2022 (Page: 204) – TYPES: HT + PT - OSAL

Cosmolaelaps lasiophilus Joharchi, 2022 (Page: 489) – TYPES: HT + PT - TSUMZ

Cosmolaelaps latisetis Joharchi, 2022 (Page: 494) – TYPES: HT + PT - TSUMZ

Cosmolaelaps spatulatus Nemati, Gwiazdowicz & Riahi, 2022 (Page: 210) – TYPES: HT + PT - OSAL

Euseius chittooriensis Kumar, Molla, Karmakar & Demite, 2022 (Page: 407) – TYPES: HT + PT - NZC

Euseius dwakiensis Kar & Karmakar, 2021 (Page: 316) – TYPES: HT - NZC, PT - BCKV

Euseius fascae Kar & Karmakar, 2021 (Page: 313) – TYPES: HT - NZC, PT - BCKV

Euseius hamiltonii Fang & Wu, 2022 (Page: 479) – TYPES: HT + PT - IZGAS

Euseius karpasae Kumar, Molla, Karmakar & Demite, 2022 (Page: 409) – TYPES: HT + PT - NZC, PT - BCKV

Euseius neoalstoniae Kumar, Molla, Karmakar & Demite, 2022 (Page: 411) – TYPES: HT + PT - NZC, PT - BCKV

Gaeolaelaps furcatus Joharchi & Ueckermann, 2021 (Page: 275) – TYPES: HT + PT - NCA-PPRI, PT - TSUMZ

Gaeolaelaps hajiqanbari Joharchi & Nemati, 2022 (Page: 12) – TYPES: HT + PT - TSUMZ

Gamasellodes garybauchani Rueda-Ramírez & Santos, 2022 (Page: 168) – TYPES: HT + PT - USDA

Gamasiphis vikkiae Melo-Molina & Santos, 2021 (Page: 411) – TYPES: HT - INABIO, PT - LEA-UCE , ESALQ/USP

Holostaspella paulista Borges & Azevedo, 2021 (Page: 1757) – TYPES: HT + PT - ESALQ/USP

Hyposternus ceylonicus Joharchi & Halliday, 2021 (Page: 393) – TYPES: HT + PT - TSUMZ

Ivoria alourouai Kontschán & Ermilov, 2022 (Page: 65) – TYPES: HT + PT - MHNG

Laelaps schatzi Lareschi & Savchenko, 2021 (Page: 298) – TYPES: HT + PT - MLP

Laelaspis loeckii Duarte & Moreira, 2022 (Page: 568) – TYPES: HT + PT - ESALQ/USP

Leptogamasus bucerus Witalinski, 2021 (Page: 665) – TYPES: HT + PT - NECJU

Leptogamasus chelatus Witalinski, 2022 (Page: 229) – TYPES: HT + PT - NECJU

Leptogamasus coronarius Witalinski, 2022 (Page: 235) – TYPES: HT + PT - NECJU

Leptogamasus cortinis Witalinski, 2021 (Page: 671) – TYPES: HT + PT - NECJU

Leptogamasus monteamiatus Witalinski, 2021 (Page: 691) – TYPES: HT + PT - NECJU

Leptogamasus parasilvestris Witalinski, 2021 (Page: 684) – TYPES: HT + PT - NECJU

Leptogamasus silvestris Witalinski, 2021 (Page: 678) – TYPES: HT + PT - NECJU

Leptogamasus trispinus Witalinski, 2022 (Page: 242) – TYPES: HT + PT - NECJU

Macrodinychus iranicus Babaeian & Khalili-Moghadam, 2021 (Page: 664) – TYPES: HT + PT - APAS, PT - JAZM

Mengzongella tertia Kontschán, Wang & Neményi, 2021 (Page: 1778) – TYPES: HT + PT - ATK NÖVI

Nabiseius palifer Joharchi & Khaustov, 2022 (Page: 432) – TYPES: HT + PT - ZISP

Neoseiulus cipoensis Ferragut, 2022 (Page: 527) – TYPES: HT - ESALQ/USP, PT - UPV

Neoseiulus diamantinus Ferragut, 2022 (Page: 529) – TYPES: HT - ESALQ/USP, PT - UPV, INRAE

Okiseius jainticus Kar & Karmakar, 2021 (Page: 320) – TYPES: HT - NZC, PT - BCKV

Okiseius ramdhuracus Molla & Karmakar, 2021 (Page: 371) – TYPES: HT - NZC, PT - BCKV

Okiseius roseus Molla & Karmakar, 2021 (Page: 374) – TYPES: HT - NZC, PT - BCKV

Okiseius unisetatus Kar & Karmakar, 2021 (Page: 323) – TYPES: HT - NZC, PT - BCKV

Ololaelaps altaiensis Joharchi, 2022 (Page: 465) – TYPES: HT + PT - TSUMZ

Orolaelaps guanahacabibensis Joharchi & Tolstikov, 2022 (Page: 80) – TYPES: HT + PT - TSUMZ

Paragigagnathus philippei Kreiter, 2021 (Page: 848) – TYPES: HT - INRAE

Paragigagnathus sistaniensis Kreiter, Arjmandi-Nezhad & Saboori, 2022 (Page: 50) – TYPES: HT + PT - JAZM, PT - INRAE, UZI

Phytoseius aonlae Kar & Karmakar, 2021 (Page: 330) – TYPES: HT - NZC, PT - BCKV

Phytoseius clavus Kar & Karmakar, 2021 (Page: 327) – TYPES: HT - NZC, PT - BCKV

Phytoseius dumurae Karmakar & Molla, 2022 (Page: 221) – TYPES: HT - NZC, PT - BCKV

Phytoseius subcapitatus Fang & Wu, 2022 (Page: 485) – TYPES: HT + PT - IZGAS

Proctogastrolaelaps subsolanus Joharchi & Marchenko, 2021 (Page: 382) – TYPES: HT - TSUMZ, PT - TSUMZ, ISEA

Proprioseiopsis salviae Abo-Shnaf & Zaki, 2022 (Page: 353) – TYPES: HT + PT - ESAM, PT - INRAE

Prozercon caspiansis Moghimi, Ahadiyat, Karaca, Kiadaliri & Urhan, 2021 (Page: 1707) – TYPES: HT + PT - ACDPP

Rhinonyssus borealis Gastal, Mascarenhas & Bugoni, 2022 (Page: 11) – TYPES: HT + PT - CALAPASIL, PT - IBSP

Rhinonyssus procellaricus Gastal, Mascarenhas & Bugoni, 2022 (Page: 15) – TYPES: HT + PT - CALAPASIL, PT - IBSP

Rotundabaloghia (Circobaloghia) burckhardti Kontschán & Ermilov, 2022 (Page: 387) – TYPES: HT + PT - MHNG

Rotundabaloghia (Circobaloghia) chilensis Kontschán, 2022 (Page: 36) – TYPES: HT - MHNG

Sejus persicus Babaeian & Gwiazdowicz, 2021 (Page: 465) – TYPES: HT + PT - JAZM

Transeius kornosorae Döker & Khaustov, 2021 (Page: 1961) – TYPES: HT + PT - TSUMZ, PT - ALCU

Typhlodromalus baillodi Kreiter, 2021 (Page: 864) – TYPES: HT + PT - INRAE

Typhlodromips cinchonai Molla & Karmakar, 2021 (Page: 377) – TYPES: HT - NZC, PT - BCKV

Typhlodromus (Anthoseius) barapanicus Kar & Karmakar, 2021 (Page: 334) – TYPES: HT - NZC, PT - BCKV

Typhlodromus (Anthoseius) campana Kar & Karmakar, 2021 (Page: 337) – TYPES: HT - NZC, PT - BCKV

Typhlodromus (Anthoseius) cherrapunjiensis Kar & Karmakar, 2021 (Page: 340) – TYPES: HT - NZC, PT - BCKV

Typhlodromus (Anthoseius) gilbertoi Kumar, Molla, Karmakar & Demite, 2022 (Page: 414) – TYPES: HT + PT - NZC

Typhlodromus (Anthoseius) hasnuhanae Karmakar & Molla, 2022 (Page: 215) – TYPES: HT - NZC, PT - BCKV

Typhlodromus (Anthoseius) levis Khaustov & Döker, 2021 (Page: 257) – TYPES: HT + PT - TSUMZ

Typhlodromus (Anthoseius) ramdhuraensis Karmakar & Molla, 2022 (Page: 218) – TYPES: HT - NZC, PT - BCKV

Typhlodromus (Anthoseius) ruyuanensis Fang & Wu, 2022 (Page: 489) – TYPES: HT + PT - IZGAS

Typhlodromus (Anthoseius) theae Karmakar & Molla, 2022 (Page: 216) – TYPES: HT - NZC, PT - BCKV

Typhlodromus dombayensis Khaustov & Döker, 2021 (Page: 475) – TYPES: HT + PT - TSUMZ

Typhlodromus kurganensis Khaustov & Döker, 2021 (Page: 478) – TYPES: HT + PT - TSUMZ

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Ueckermannseius jean-mariei Kreiter, 2021 (Page: 874) – TYPES: HT + PT - INRAE

Ueckermannseius payetae Kreiter, 2021 (Page: 876) – TYPES: HT + PT - INRAE

Uroseius subterraneus Conceicao & Pepato, 2021 (Page: 248) – TYPES: HT + PT - UFMG

Zercon hamaricus Kaczmarek, Marquardt & Seniczak, 2021 (Page: 1677) – TYPES: HT + PT - KWU, PT - ZMUB

New genera

Baikalozercon Marchenko, 2022 (Page: 302) - Typ. sp.: *Baikalozercon dracunculus* Marchenko, 2022

Bulbolaelaps Faraji, Zare & Rahamani, 2021 (Page: 968) - Typ. sp.: *Bulbolaelaps bossei* Faraji, 2021

Hyposternus Joharchi & Halliday, 2021 (Page: 392) - Typ. sp.: *Hyposternus ceylonicus* Joharchi & Halliday, 2021

Mengzongella Kontschán, Wang & Neményi, 2021 (Page: 1777) - Typ. sp.: *Trigonuropoda yonakuniensis* Hiramatsu, 1979

New combinations

Arculatatrachy darwini (Kontschán & Starý, 2013) – [Kontschán & Ermilov, 2022: 54]

Arculatatrachys difoveolata (Hirschmann, 1975) – [Kontschán & Ermilov, 2022: 54]

Arculatatrachys newtoni (Kontschán, 2010) – [Kontschán & Ermilov, 2022: 54]

Arculatatrachys similiarculata (Hirschmann, 1975) – [Kontschán & Ermilov, 2022: 54]

Mengzongella sandankyoensis (Hiramatsu, 1979) – [Kontschán, Wang & Neményi, 2021: 1778]

Mengzongella yonakuniensis (Hiramatsu, 1979) – [Kontschán, Wang & Neményi, 2021: 1778]

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