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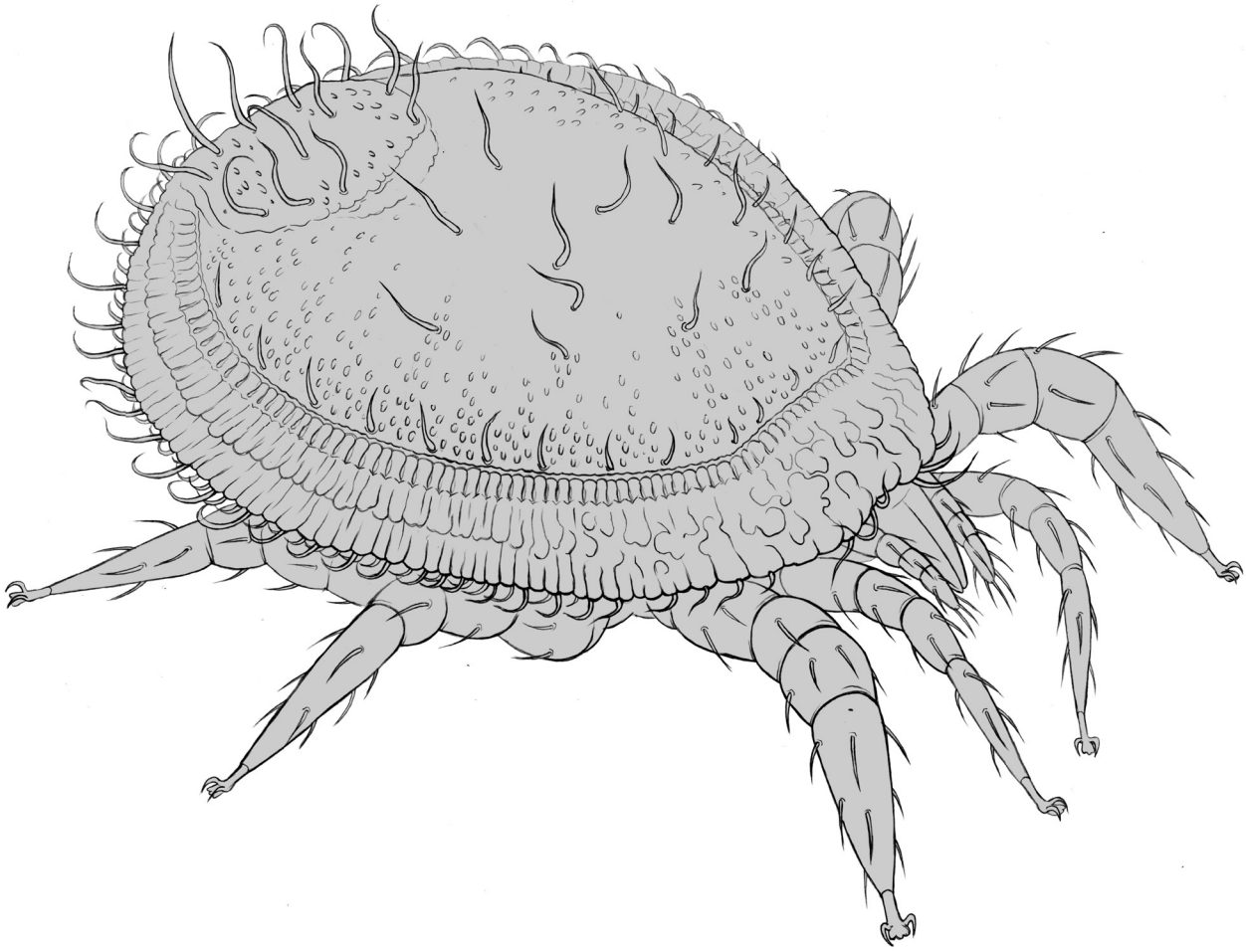

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Mesostigmata

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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 303 titles by researchers from 52 countries. In these publications, 128 new species and genera are described. The majority of articles concern taxonomy (32%), ecology (30%), faunistics (10%), biology (9 %) 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 15 193 papers and 16 162 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 reprints or copies of all your papers on mesostigmatic mites, or, if this is not possible, complete references. The literature from 1995 to 2012 is searchable on the Internet. The Bibliographia Mesostigmatologica of number 1 to 11 and the issues 1 to 12 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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Romeih, A.H.M. / Hassan, M.F. / Rizk, M.A. / Abo-Shnaf, R.I.A. (2010):* Egyptian checklist of mites from aromatic, medicinal and ornamental plants. - Acarines 4: 37-46

Seiedy, M. (2010):* Compatibility of *Phytoseiulus persimilis* (Acari, Phytoseiidae) with *Beauveria bassiana* to control *Tetranychus urticae* (Acari,

Tetranychidae) on cucumber plants in laboratry conditions. - PhD Thesis, University of Tehran, Karaj: x-xxx

Sznajder, B. (2010): The interplay between gegentic and learned components of behavioural traits - olfactory responses of predatory mites to signals contained in a herbivore-induced plant volatile. - PhD Thesis, University of Amsterdam, IBED: 1-118

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Abou-Awad, B.A. / Metwally, A.M. / Al-Azzazy, M.M. (2009):* *Typhlodromips swirskii* (Acari, Phytoseiidae): a predator of eriophyid and tetranychid mango mites in Egypt. - Acarines 3: 59-64

El Kammah, K.M. / Gabr, H.S. (2009):* Africa checklist of: families, genera and species of ectoparasitic mites found in the palaearctic and afrotropical regions. - Acarines 3: 73-81

Nasr, A.K. / Metwally, A.M. / Abou-Elela, M.M. / Saleh, K.M.A. (2009):* Description of immature stages of *Lasioseius lindquisti* Nasr and Abou-Awad (Mesostigmata, Ascidae) with notes on its ontogeny. - Acarines 3: 17-20

Villegas-Guzman, G.A. / Perez, T.M. / Reyes-Castillo, P. (2009): New species of the genus *Klinckowstroemia* Baker & Wharton from Mexico (Acari, Mesostigmata, Trigynaspida, Klinckowstroemiidae). - Zootaxa 2248: 1-46

Zakaria, M.E. / Allam, S.F. (2009):* Stimulation effectsof the essential oils on the sensory and defensive behaviors of Egyptian honey bees towards *Varroa* invasion. - Acarines 3: 29-36

Zakaria, M.E. / Allam, S.F. (2009):* New acarine setal receptors of *Varroa destructor*. - Acarines 3: 21-27

Allam, S.F.M. / El-Bishlawi, S.M.O. (2010):* Description of immature stages of *Aegyptus rhynchophorus* (El-Bishlawy & Allam), (Uropodina, Trachyuropodidae). - Acarines 4: 3-5

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Abo-Shnaf, R. / Romeih, A.H.M. / Allam, S.F. (2008):* Biodiversity of mites associated with parrots and peacocks in Giza Zoo, Egypt. - Acarines 2: 27-30

El-Sharabasy, H.M. / Hassan, M.F. / Mohamed, A.I. (2008):* Occurrence of soil mites at El-Mashara Region, Sinai Peninsula. - Acarines 2: 31-35

Hassan, M.F. / Allam, S.F. / Rizk, M.A. / Zaki, A.Y. (2008):* Utilization of essential oils and chemical substance against *Varroa* mite, *Varroa destructor* Anderson and Trueman on two stocks of *Apis mellifera lamerkii* in Egypt. - Acarines 2: 3-8

Hassan, M.F. / Allam, S.F. / Rizk, M.A. / Zaki, A.Y. (2008):* Essential oils as potential control agents against *Varroa* mite *Varroa destructor* Anderson and Trueman in comparison with chemical substance on honeybee colonies headed by hybrid local egyptian queens. - Acarines 2: 9-14

Kaczmarek, S. / Falenczyk-Koziróg, K. / Marquardt, T. (2008):* The diversity of soil mites (Acari, Gamasida) in the habitats of "Niebiskie Zrodla" Nature Reserve and the ecology of selected species. [Orig. Pol.] In: Kaczmarek, S. (Ed.), Krajobraz i bioróznorodnosc. - Wydawnictwo Uniwersytetu Kazimierza Wielkiego: 192-214

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:

Ayersacarus knoxi Clark, 2012 (Page: 37[1]) – TYPES: HT[2] + PT[2] - CMNC[3], PT[2] - ANIC[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

ACSU - **A**gricultural **C**ollege, Department of Plant Protection, **S**hahrekord **U**niversity, Shahrekord, Iran

AMMS - **A**cademy of **M**ilitary **M**edical **S**ciences, Institute of Microbiology and Epidemiology, Beijing, China

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

ARC / PPRI - **A**gricultural **R**esearch **C**ouncil - **P**lant **P**rotection **R**esearch **I**nstitute, Pretoria, South Africa

ASFEU -Biology Department, **A**rts and **S**ciences **F**aculty, **E**rzincan **U**niversity, Erzincan, Turkey

BPBM - **B**ernice **P**. **B**ishop **M**useum, Honolulu, Hawai

BSIB - **B**iology and **S**oil **I**nstitute, National Academy of Sciences, **B**ishkek, Kyrgyzstan

BYU - **B**righam **Y**oung **U**niversity, Provo, Utah, USA

CAS - **C**alifornia **A**cademy of **S**ciences, San Francisco, USA

CICC - **C**ollection **I**oana **C**. **C**ontantinescu, Arges County Museum, Pitesti, Romania

CMNZ - **C**anterbury **M**useum, Christchurch, **N**ew **Z**ealand

CNAC - **C**olección **N**acional de **AC**aros at the Instituto de Biologia, Universidad Nacional Autónoma de México, México

CNC - **C**anadian **N**ational **C**ollection of Insects, Arachnids and Nematodes, Ottawa, Canada

DBPU - **D**epartment of **B**iology of **P**amukkale **U**niversity, Denizli, Turkey

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

FMNH - **F**ield **M**useum of **N**atural **H**istory, Chicago, USA

FMNHH - **F**innish **M**useum of **N**atural **H**istory, **H**elsinki, Finland

GMNH - **G**eorgia **M**useum of **N**atural **H**istory, University of Georgia, Athens, USA

HNHM - **H**ungarian **N**atural **H**istory **M**useum, Budapest, Hungary

INBio - **I**nsituto **N**acional de **Bio**diversidad, Santa Domingo, Costa Rica

ISB - **I**nstitute of **S**oil **B**iology, Biology Centre Academy of Sciences of the Czech Republic, Ceské Budejovice, Czech Republic

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

KSMA - **K**ing **S**aud **M**useum of **A**rthropods, Riyadh, Saudi Arabia

LAZUA - **L**aboratory of **A**gricultural **Z**oology and Entomology, Agricultural **U**niversity of **A**thens, Athens, Greece

MACN - **M**useo **A**rgentino Bernardino Rivadavia de **C**iencias **N**aturales, Buenos Aires, Argentina

MCNLP - **M**useo de **C**iencias **N**aturales de **L**a **P**lata, La Plata, Argentina

MHNG - Muséum d'Histoire Naturelle, Geneva, Switzerland

MM - Manchester Museum, Manchester, United Kingdom

MNCN - Museo Nacional de Ciencias Naturales, Madrid, Spain

MNHB - 'Grigore Antipa' Museum of Natural History, Bucharest, Roumania

MZB - Museum Zoologicum Bogoriense, Bogor, Indonesia

MZUNAV - Museum of Zoology, University of NAVarra, Pamplona, Spain

NHML - Natural History Museum, Department of Entomology, London, United Kingdom

NIBR - National Institute of Biological Resources, Incheon, Korea

NMNH - National Museum of Natural History, Smithsonian Institution, Beltsville, USA

NMNS - National Museum of Natural Sciences, Taichung, Taiwan

NZAC - New Zealand Arthropod Collection, Auckland, New Zealand

OSAC - Oregon State University Arthropod Collection, Corvallis, USA

OSAL - Ohio State University, Museum of Biological Diversity, Acarology Laboratory, Columbus, USA

QM - Queensland Museum, South Brisbane, Queensland, Australia

SMNG - Senckenberg Museum für Naturkunde Görlitz, Görlitz, Germany

SupAgro/INRA - Centre International d'Études Supérieures en Sciences Agronomiques, L'Institut National de la Recherche Agronomique, Montpellier, France

SZMN - Siberian Zoological Museum, Institute of Animal Systematics and Ecology, Siberian Division of the Russian Academy of Sciences, Novosibirsk, Russia

TMAG - Tasmanian Museum & Art Gallery, Hobart, Australia

UMMZ - University of Michigan, Museum of Zoology, Ann Arbor, USA

UNESP - UNiversidade EStadual Paulista, Campus de Sao José do Rio Preto, Sao Paulo, Brazil

UPLB - University of Philippines Los Banos, Museum of Natural History, Laguna, Philippinen

USDAP - United States Department of Agriculture, Forest Service, Pineville, USA

USNMB - United States National Museum of Natural History, Beltsville, Maryland, USA

YIAU - Department of Plant Protection, Yazd Branch, Islamic Azad University, Yazd, Iran

ZIHU - Zoological Institute, Faculty of Science, Hokkaido University, Sapporo, Japan

ZISP - Zoological Institute, Russian Academy of Sciences, St. Petersburg, Russia

ZSM - Zoologische Staatssammlungen, München, Germany

New species

Afroheterozercon gabonensis Klompen, Amin & Gerdeman, 2013 (Page: 314) – TYPES: HT + PT - FMNH, PT - OSAL

Afroheterozercon goodmani Klompen, Amin & Gerdeman, 2013 (Page: 316) – TYPES: HT + PT - FMNH, PT - OSAL

Afroheterozercon madagascariensis Klompen, Amin & Gerdeman, 2013 (Page: 319) – TYPES: HT + PT - FMNH, PT - OSAL

Afroheterozercon mahsbergi Klompen, Amin & Gerdeman, 2013 (Page: 305) – TYPES: HT - OSAL, PT - FMNH, ZSM

Afroheterozercon sanghae Klompen, Amin & Gerdeman,

2013 (Page: 312) – TYPES: HT + PT - CAS, PT - OSAL

Afroheterozercon tanzaniensis Klompen, Amin & Gerdeman, 2013 (Page: 318) – TYPES: HT + PT - OSAL

Amblyseius atibaiensis Mineiro, Lofego & Sato, 2012 (Page: 596) – TYPES: HT - UNESP, PT - ESALQ/USP

Amblyseius fennicus Karg & Huhta, 2012 (Page: 194) – TYPES: HT + PT - FMNHH, PT - SMNG

Amblyseius terricola Mineiro, Lofego & Sato, 2012 (Page: 597) – TYPES: HT - UNESP, PT - ESALQ/USP

Amerozercon annularis Ujvári, 2013 (Page: 1102) – TYPES: HT + PT - CNC

Amerozercon auricularis Ujvári, 2013 (Page: 1105) – TYPES: HT - CNC

Amerozercon halaskova Ujvári, 2013 (Page: 1108) – TYPES: HT + PT - HNHM, PT - CNC

Amerozercon penicillatus Ujvári, 2013 (Page: 1113) – TYPES: HT + PT - HNHM

Aspar opisthoisotrichus Ujvári, 2012 (Page: 277) – TYPES: HT + PT - CNC

Aspar tamalpaisensis Ujvári, 2012 (Page: 281) – TYPES: HT + PT - HNHM

Ayersacarus forsteri Clark, 2012 (Page: 36) – TYPES: HT + PT - CMNZ, PT - ANIC

Ayersacarus hurleyi Clark, 2012 (Page: 35) – TYPES: HT - CMNZ

Ayersacarus knoxi Clark, 2012 (Page: 37) – TYPES: HT + PT - CMNZ, PT - ANIC

Ayersacarus savilli Clark, 2012 (Page: 39) – TYPES: HT + PT - CMNZ, PT - ANIC

Blaszakzercon hexagonatus Ujvári, 2012 (Page: 284) – TYPES: HT + PT - HNHM, PT - CNC

Blattisocius everti Britto, Lopes & De Moraes, 2012 (Page: 35) – TYPES: HT + PT - ESALQ/USP

Castriidinychus neocaledonicus Kontschán, 2013 (Page: 1348) – TYPES: HT + PT - HNHM, PT - MHNG

Clivosurella pilosa Kontschán, 2012 (Page: 38) – TYPES: HT + PT - HNHM, PT - MHNG

Cyllibula ovalis Kontschán & Starý, 2012 (Page: 178) – TYPES: HT + PT - HNHM, PT - ISB

Depressorotunda batuensis Kontschán & Starý, 2012 (Page: 189) – TYPES: HT + PT - HNHM, PT - ISB, MHNG

Deraiophorus pinesensis Kontschán, 2013 (Page: 1340) – TYPES: HT + PT - HNHM, PT - MHNG

Discoseius perplexus Lindquist & Moraza, 2012 (Page: 15) – TYPES: HT - INBio, PT- CNC, MZUNAV

Discourella pandui Kontschán, 2012 (Page: 40) – TYPES: HT + PT - HNHM, PT - MHNG

Draconizercon punctatus Ujvári, 2012 (Page: 80) – TYPES: HT + PT - HNHM, PT - NMNS

Gaeolaelaps iranicus Kavianpour & Nemati, 2013 (Page: 3) – TYPES: HT + PT - ACSU, PT - SMNG

Gaeolaelaps jondishapouri Nemati & Kavianpour, 2013 (Page: 64) – TYPES: HT + PT - ACSU, PT - SMNG

Gamasholaspis jiangxiensis Ma, 2012 (Page: 1) – TYPES: HT + PT - AMMS

Gamasiphis angaridis Marchenko, 2013 (Page: 382) – TYPES: HT + PT - SZMN, PT - MM

Gamasiphis edmilsoni Castilho, Narita & De Moraes, 2012 (Page: 1981) – TYPES: HT + PT - ESALQ/USP

Gamasiphis flechtmanni Castilho, Narita & De Moraes, 2012 (Page: 1976) – TYPES: HT + PT - ESALQ/USP

Gamasiphis paulista Castilho, De Moraes & Narita, 2010 (Page: 32) – TYPES: HT + PT - ESALQ/USP

Gamasiphis salvadori Castilho, Narita & De Moraes, 2012 (Page: 1971) – TYPES: HT + PT - ESALQ/USP

Gamasodes jingyanensis Ma & Bai, 2012 (Page: 78) – TYPES: HT + PT - AMMS

Gymnolaelaps artavilensis Joharchi & Halliday, 2013

(Page: 41) – TYPES: HT + PT - JAZM, PT - ANIC

Haemogamasus alongipilis Herrin & Sage, 2012 (Page: 54) – TYPES: HT + PT - BYU, PT - MACN, MCNLP

Haemogamasus limneticus Fyodorova & Kharadov, 2012 (Page: 1045) – TYPES: HT + PT - BSIB

Hypoaspis (Cosmolaelaps) guoi Bai & Ma, 2012 (Page: 556) – TYPES: HT + PT - AMMS

Klinckowstroemia ballesterosi Villegas-Guzman, Pérez & Reyes-Castillo, 2009 (Page: 39) – TYPES: HT + PT - CNAC, PT - PT - NMNH, GMNH, UMMZ

Klinckowstroemia bifurcata Villegas-Guzman, Pérez & Reyes-Castillo, 2009 (Page: 7) – TYPES: HT + PT - CNAC, PT - NMNH, GMNH, UMMZ

Klinckowstroemia brevimarginata Villegas-Guzman, Pérez & Reyes-Castillo, 2009 (Page: 19) – TYPES: HT + PT - CNAC, PT - NMNH

Klinckowstroemia cristinae Villegas-Guzman, Pérez & Reyes-Castillo, 2009 (Page: 40) – TYPES: HT + PT - CNAC, PT - NMNH

Klinckowstroemia franckei Villegas-Guzman, Pérez & Reyes-Castillo, 2009 (Page: 26) – TYPES: HT + PT - CNAC, PT - PT - NMNH, GMNH, UMMZ

Klinckowstroemia hunteri Villegas-Guzman, Pérez & Reyes-Castillo, 2009 (Page: 8) – TYPES: HT + PT - CNAC, PT - NMNH, GMNH

Klinckowstroemia montanoi Villegas-Guzman, Pérez & Reyes-Castillo, 2009 (Page: 11) – TYPES: HT + PT - CNAC, PT - NMNH, GMNH, UMMZ

Klinckowstroemia rectimarginata Villegas-Guzman, Pérez & Reyes-Castillo, 2009 (Page: 25) – TYPES: HT + PT - CNAC

Klinckowstroemia santibanezi Villegas-Guzman, Pérez & Reyes-Castillo, 2009 (Page: 32) – TYPES: HT + PT - CNAC, PT - PT - NMNH, GMNH, UMMZ

Klinckowstroemia valdezi Villegas-Guzman, Pérez & Reyes-Castillo, 2009 (Page: 15) – TYPES: HT + PT - CNAC, PT - NMNH, GMNH, UMMZ

Krantzoseius walteri Seeman, 2012 (Page: 535) – TYPES: HT + PT - QM, PT - ANIC, CNC, OSAL

Laelaspis dariusi Joharchi & Jalaeian, 2012 (Page: 20) – TYPES: HT + PT - YIAU, PT - JAZM, ANIC

Laelaspis kamalii Joharchi & Halliday, 2012 (Page: 2004) – TYPES: HT + PT - JAZM, PT - ANIC

Laelaspis pennatus Joharchi & Halliday, 2012 (Page: 2007) – TYPES: HT - JAZM, PT - ANIC

Laelaspis persicus Joharchi & Halliday, 2012 (Page: 2009) – TYPES: HT - JAZM, PT - ANIC

Leonardiella koreana Kontschán, Park, Yoon & Choi, 2012 (Page: 173) – TYPES: HT - HNHM, PT - NIBR

Macrocheles garciai Takaku, Hartini, Dwibadra & Corpuz-Raros, 2012 (Page: 115) – TYPES: HT + PT - ZIHU, PT - MZB, UPLB

Macrocheles insulicola Hartini & Takaku, 2012 (Page: 8) – TYPES: HT + PT - MZB

Macrocheles luzonenesis Takaku, Hartini, Dwibadra & Corpuz-Raros, 2012 (Page: 116) – TYPES: HT + PT - ZIHU, PT - MZB, UPLB

Macrocheles samarensis Takaku, Hartini, Dwibadra & Corpuz-Raros, 2012 (Page: 118) – TYPES: HT + PT - ZIHU, PT - MZB, UPLB

Maxinia arctomontana Lindquist & Makarova, 2012 (Page: 6) – TYPES: HT + PT - ZISP, PT - CNC

Myrmozercon cyrusi Ghafarian & Joharchi, 2013 (Page: 23) – TYPES: HT - YIAU, PT - JAZM, ANIC

Nabiseius arabicus Negm & Alatawi, 2013 (Page: 185) – TYPES: HT + PT - KSMA

Nenteria koreana Kontschán, Park, Yoon & Choi, 2012 (Page: 170) – TYPES: HT + PT - HNHM, PT - NIBR

Neocypholaelaps kreiteri Narita, Pédelabat & De Moraes, 2013 (Page: 2) – TYPES: HT + PT - ESALQ/USP, PT - SupAgro/INRA

Neodiscopoma fabiani Kontschán & Starý, 2013 (Page: 50) – TYPES: HT + PT - HNHM

Neogamasus fasciculus Ma, 2012 (Page: 14) – TYPES: HT - AMMS

Neoseiulus saudiensis Negm, Alatawi & Aldryhim, 2012

(Page: 58) – TYPES: HT + PT - KSMA, PT - USNMB, ARC-PPRI

Nidilaelaps holdsworthi Shaw, 2012 (Page: 32) – TYPES: HT - TMAG, PT - QM

Nidilaelaps lisae Shaw, 2012 (Page: 36) – TYPES: HT + PT - BPBM

Nothrholaspis anatolicus Özbek & Bal, 2013 (Page: 43) – TYPES: HT + PT - ASFEU

Nothrholaspis dogani Özbek & Bal, 2013 (Page: 45) – TYPES: HT + PT - ASFEU

Nothrholaspis turcicus Özbek & Bal, 2013 (Page: 41) – TYPES: HT + PT - ASFEU

Odontocheles attaphilus Krantz & Moser, 2012 (Page: 577) – TYPES: HT - NMNH, PT - OSAC, USDAP, OSAL, CNC, NHML

Ophionyssus sellisternalis Ma & Bai, 2012 (Page: 83) – TYPES: HT + PT - AMMS

Oplitis hallidayi Kontschán, 2013 (Page: 1344) – TYPES: HT + PT - HNHM, PT - MHNG

Oplitis hutae Constantinescu, 2012 (Page: 22) – TYPES: HT + PT - MNHB, PT - CICC

Oplitis pusaterii Kontschán, 2012 (Page: 13) – TYPES: HT + PT - NZAC, PT - MHNG, HNHM, ZSM

Pachylaelaps ningxiaensis Ma, Bai & Xing, 2012 (Page: 87) – TYPES: HT + PT - AMMS

Parasitus clavasetosus Ma, 2012 (Page: 12) – TYPES: HT + PT - AMMS

Parasitus simplendogynii Ma & Bai, 2012 (Page: 76) – TYPES: HT + PT - AMMS

Parholaspulus zunyiensis Ma, 2012 (Page: 1) – TYPES: HT + PT - AMMS

Phymatodiscus malayicus Kontschán & Starý, 2012 (Page: 184) – TYPES: HT + PT - HNHM, PT - ISB, MHNG

Podocinum fujianense Ma & Lin, 2012 (Page: 90) – TYPES: HT + PT - AMMS

Promacrolaelaps propomacrus Joharchi, Halliday & Beyzavi, 2013 (Page: 380) – TYPES: HT + PT - YIAU, PT - JAZM, ANIC

Prozercon bulgariensis Ujvári, 2013 (Page: 263) – TYPES: HT + PT - HNHM

Prozercon similiformis Ujvári, 2013 (Page: 267) – TYPES: HT + PT - HNHM

Sinharaja ceylonensis Kontschán, 2012 (Page: 151) – TYPES: HT + PT - HNHM, PT - MHNG

Sinharaja sinhala Kontschán, 2012 (Page: 153) – TYPES: HT + PT - HNHM, PT - MHNG

Sternostoma zini Dimov & De Rojas, 2012 (Page: 139) – TYPES: HT + PT - ZISP

Trachyuropoda bali Kontschán & Starý, 2013 (Page: 11) – TYPES: HT + PT - HNHM, PT - ISB

Trachyuropoda darwini Kontschán & Starý, 2013 (Page: 7) – TYPES: HT - HNHM, PT - ISB

Trachyuropoda extremica Kontschán & Starý, 2013 (Page: 12) – TYPES: HT + PT - HNHM, PT - ISB

Trichouropoda arjunai Kontschán, 2012 (Page: 29) – TYPES: HT + PT - HNHM, PT - MHNG

Trichouropoda szabadi Kontschán & Starý, 2013 (Page: 53) – TYPES: HT + PT - HNHM

Trigonuropoda fendai Kontschán, 2013 (Page: 1357) – TYPES: HT + PT - HNHM

Trigonuropoda neocaledonica Kontschán, 2013 (Page: 1352) – TYPES: HT + PT - HNHM

Typhlodromus (Anthoseius) dactyliocalyx Stathakis, Kapaxidi & Papadoulis, 2012 (Page: 606) – TYPES: HT + PT - LAZUA, PT - NHML

Typhlodromus sirikariensis Stathakis, Kapaxidi & Papadoulis, 2012 (Page: 608) – TYPES: HT + PT - LAZUA, PT - NHML

Typhlodromus thuriferus Ferragut & Ueckermann, 2012 (Page: 1735) – TYPES: HT + PT - MNCN, PT - NHML, ARC-PPRI

Uroobovella phoenicicola Kontschán, Tambe & Riolo,

2012 (Page: 594) – TYPES: HT + PT - HNHM, PT - MHNG

Uroobovella pilosetosa Kontschán, 2012 (Page: 9) – TYPES: HT + PT - NZAC, PT - MHNG, HNHM, ZSM

Uropoda bengalica Kontschán, 2012 (Page: 31) – TYPES: HT + PT - HNHM, PT - MHNG

Uropoda ecuadorica Kontschán, 2012 (Page: 33) – TYPES: HT + PT - HNHM, PT - MHNG

Uropoda gigantea Kontschán & Starý, 2012 (Page: 182) – TYPES: HT + PT - HNHM, PT - ISB, MHNG

Uropoda karnai Kontschán, 2012 (Page: 36) – TYPES: HT - HNHM, PT - MHNG

Uropoda lawrencei Kontschán, 2012 (Page: 34) – TYPES: HT + PT - HNHM, PT - MHNG

Uropoda thorpei Kontschán, 2012 (Page: 15) – TYPES: HT + PT - NZAC, PT - MHNG, HNHM, ZSM

Uroseius (Apionseius) durjodhanai Kontschán, 2012 (Page: 25) – TYPES: HT + PT - HNHM, PT - MHNG

Uroseius loskai Kontschán, 2012 (Page: 28) – TYPES: HT + PT - HNHM, PT - MHNG

Veigaia fujianensis Ma & Lin, 2012 (Page: 9) – TYPES: HT + PT - AMMS

Veigaia henanensis Ma & Lin, 2012 (Page: 8) – TYPES: HT + PT - AMMS

Veigaia vidae Blaszak, Krantz, Alberti & Di Palma, 2013 (Page: 8) – TYPES: HT + PT - NMNH, PT - ZSM

Vitznyssus tsachevi Dimov & De Rojas, 2012 (Page: 126) – TYPES: HT + PT - ZISP

Vulgarogamasus lingulatus Bai & Ma, 2013 (Page: 70) – TYPES: HT + PT - AMMS

Zercon mirabilis Urhan & Öztas, 2013 (Page: 84) – TYPES: HT + PT - DBPU

New genera

Discoseius Lindquist & Moraza, 2012 (Page: 10) Typ. sp.: *Discoseius perplexus* Lindquist & Moraza, 2012

Draconizercon Ujvári, 2012 (Page: 79) Typ. sp.: *Draconizercon punctatus* Ujvári, 2012

Krantzoseius Seeman, 2012 (Page: 534) Typ. sp.: *Krantzoseius walteri* Seeman, 2012

Maxinia Lindquist & Makarova, 2012 (Page: 3) Typ. sp.: *Maxinia arctomontana* Lindquist & Makarova, 2012

Nidilaelaps Shaw, 2012 (Page: 26) Typ. sp.: *Gymnolaelaps annectans* Womersley 1955

Odontocheles Krantz & Moser, 2012 (Page: 577) Typ. sp.: *Odontocheles attaphilus* Krantz & Moser, 2012

Prestacarus Clark, 2012 (Page: 33) Typ. sp.: *Ayersacarus tilbrooki* Hunter, 1967

Reductholaspis Emberson, 2010 (Page: 45) Typ. sp.: *Macrocheles analis* Hyatt & Emberson, 1988

Sinharaja Kontschán, 2012 (Page: 150) Typ. sp.: *Sinharaja ceylonensis* Kontschán, 2012

New combinations

Afrodacarellus bakeri (Hurlbutt, 1973) – [Castilho, De Moraes & Halliday, 2012: 20]

Afrodacarellus bipilosus (Karg, 1979) – [Castilho, De Moraes & Halliday, 2012: 20]

Afrodacarellus citri (Loots, 1969) – [Castilho, De Moraes & Halliday, 2012: 21]

Afrodacarellus euungulae (Karg, 2003) – [Castilho, De Moraes & Halliday, 2012: 21]

Afrodacarellus filofissus (Karg & Schorlemmer, 2009) – [Castilho, De Moraes & Halliday, 2012: 22]

Afrodacarellus furculatus (Karg, 1979) – [Castilho, De Moraes & Halliday, 2012: 22]

Afrodacarellus lubalensis (Loots, 1969) – [Castilho, De Moraes & Halliday, 2012: 22]

Afrodacarellus mongii (Hurlbutt, 1973) – [Castilho, De Moraes & Halliday, 2012: 23]

Afrodacarellus myersi (Loots, 1969) – [Castilho, De Moraes & Halliday, 2012: 23]

Afrodacarellus squamosus (Karg, 1977) – [Castilho, De Moraes & Halliday, 2012: 25]

Afrodacarellus succinctus (Berlese, 1916) – [Castilho, De Moraes & Halliday, 2012: 25]

Afrodacarellus unospinae (Karg, 2003) – [Castilho, De Moraes & Halliday, 2012: 26]

Afroheterozercon cautus (Berlese, 1923) – [Klompen, Amin & Gerdeman, 2013: 321]

Amerozercon minimus (Sellnick, 1958) – [Ujvári, 2013: 1094]

Dendrouropoda danyii (Kontschán, 2007) – [Kontschán 2013: 13]

Gamasodes armatus (L. Koch, 1879) – [Makarova, 2013: 121]

Iphidonopsis magnanalis (Ma & Yin, 1999) – [Lindquist & Makarova, 2012: 16]

Laelaspisella canestrinii (Berlese) sensu Costa, 1961 – [Joharchi & Halliday, 2013: 46]

Laelaspisella kabitae (Bhattacharyya, 1968) – [Joharchi & Halliday, 2013: 47]

Lobogynium sudhiri (Datta, 1985) – [Plumari, 2012: 6]

Longicheles bianchii (Valle & Mazzoleni, 1967) – [Emberson, 2010: 45]

Longicheles bulgaricus (Balogh, 1958) – [Emberson, 2010: 45]

Longicheles hortorum (Berlese, 1904) – [Emberson, 2010: 45]

Longicheles ilvana (Valle & Mazzoleni, 1967) – [Emberson, 2010: 45]

Longicheles lagrecai (Valle, 1963) – [Emberson, 2010: 45]

Longicheles longisetosus (Balogh, 1958) – [Emberson, 2010: 45]

Longicheles longulus (Berlese, 1887) – [Emberson, 2010: 45]

Longicheles mandibularis (Berlese, 1904) – [Emberson, 2010: 45]

Longicheles ranzii (Valle & Mazzoleni, 1967) – [Emberson, 2010: 45]

Macrholaspis beieri (Johnston, 1970) – [Emberson, 2010: 49]

Macrholaspis carpathicus (Masán, 2003) – [Emberson, 2010: 48]

Macrholaspis georgicus (Bregetova, 1977) – [Emberson, 2010: 49]

Macrholaspis morikawai (Ishikawa, 1969) – Emberson, 2010: 49]

Macrholaspis opacus (C.L. Koch, 1839) – [Emberson, 2010: 49]

Multidentorhodacarus thysi (Jordaan, Loots & Theron, 1988) – [Castilho, De Moraes & Halliday, 2012: 35]

Neodiscopoma abantica (Bal & Özkan, 2007) – [Kontschán 2013: 22]

Nidilaelaps annectans (Womersley, 1955) – [Shaw, 2012: 28]

Nothrholaspis banaticus (Iavorschi, 1977) – [Emberson, 2010: 48]

Nothrholaspis carinatus (C.L. Koch, 1839) – [Emberson, 2010: 48]

Nothrholaspis caucasicus (Bregetova & Koroleva, 1960) – [Emberson, 2010: 48]

Nothrholaspis coenosus (Takaku, 1996) – [Emberson, 2010: 48]

Nothrholaspis shennongjianensis (Ma & Liu, 2003) – [Emberson, 2010: 48]

Nothrholaspis subcoenosus (Takaku, 1996) – [Emberson, 2010: 48]

Nothrholaspis submotus (Falconer, 1924) – [Emberson, 2010: 48]

Nothrholaspis tardus (C.L. Koch, 1844) – [Emberson, 2010: 48]

Prestacarus tilbrooki (Hunter, 1967) – [Clark & Hawke, 2012: 33]

Reductholaspis analis (Hyatt & Emberson, 1988) – [Emberson, 2010: 46]

Starkovia lacticolus (Halliday, 2006) – [Castilho, De Moraes & Halliday, 2012: 9]

Trematurella graeca (Kontschán, 2003) – [Kontschán, 2013: 7]

Urojanetia graeca (Sellnick, 1931) – [Kontschán, 2013: 15]

Urojanetia muranyii (Kontschán, 2003) – [Kontschán, 2013: 15]

New synonyms

Laelaps petrischevae Zemskaya & Lange, 1979 – [Korallo-Vinarskaya & Vinarski, 2012: 29]
= Laelaps alaskensis Grant, 1947

Macrocheles (Scleritholaspis) Masán, 2003 – [Emberson, 2010: 47]
= Nothrholaspis Berlese, 1918

Rhodacarella Moraza, 2004 – [Castilho, De Moraes & Halliday, 2012: 38]
= Protogamasellopsis Evans & Purvis, 1987

Rhodacarella cavernicola Moraza, 2004 – [Castilho, De Moraes & Halliday, 2012: 38]
= Protogamasellopsis posnaniensis Wisniewski & Hirschmann, 1991

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