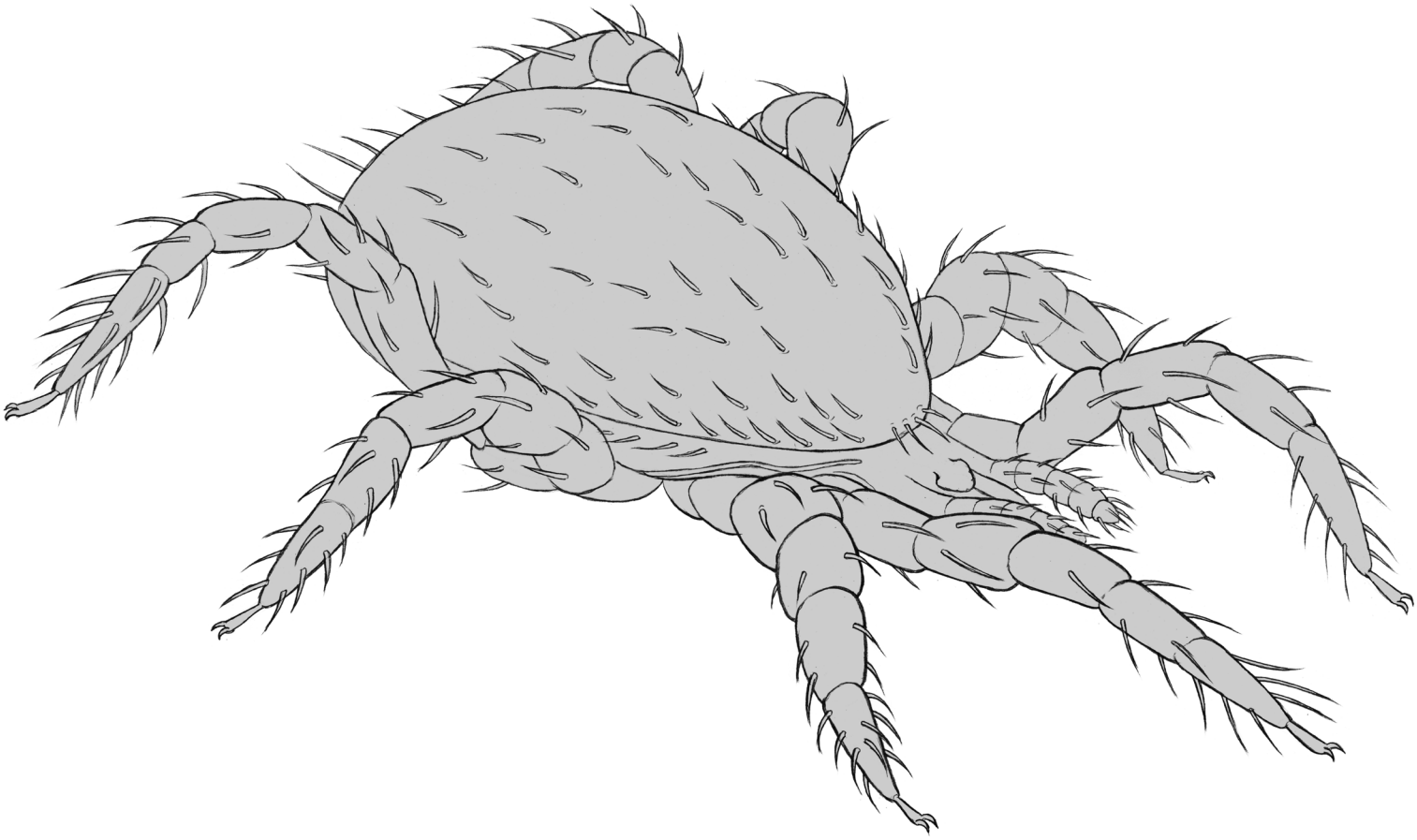
SENCKENBERG

ACARI

Bibliographia Acarologica



18 (1) · 2018

Mesostigmata

Senckenberg · Museum für Naturkunde Görlitz

ACARI
Bibliographia Acarologica

Publisher
Senckenberg Gesellschaft für Naturforschung, Senckenberganlage 25, 60325 Frankfurt am Main, Germany
Institute: Senckenberg Museum für Naturkunde Görlitz, Germany

Editor-in-Chief
Axel Christian
Senckenberg Museum für Naturkunde Görlitz, Germany
PF 300 154, 02806 Görlitz, Germany
Email: axel.christian@senckenberg.de

Technical Editor
Kerstin Franke, Senckenberg Museum für Naturkunde Görlitz, Germany

Indexed in
CAB Abstracts, Worldcat, Zoological Record

Cover picture
Ekkehart Mättig, Senckenberg Museum für Naturkunde Görlitz, Germany

Production
Senckenberg Museum für Naturkunde Görlitz, Germany

Print
Gustav Winter Druckerei und Verlagsgesellschaft mbH, Herrnhut, Germany. Printed in environmentally friendly paper.

Distributor
Senckenberg Museum für Naturkunde Görlitz — Library
PF 300 154, 02806 Görlitz, Germany
Email: library-gr@senckenberg.de

Subscription Information
The issue contains an order form.

Website
www.senckenberg.de/acari

Editum
15.10.2018

ISSN
1618-8977

Leibniz Gemeinschaft

ACARI Bibliographia Acarologica **18** (1) · 2018 pp. 1–24

Mesostigmata No. 29

Axel Christian & Kerstin Franke

Senckenberg Museum für Naturkunde Görlitz, PF 300 154, 02806 Görlitz, Germany
E-Mail: axel.christian@senckenberg.de; kerstin.franke@senckenberg.de

Editoral end 10 July 2018
Published 15 October 2018

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 293 titles by researchers from 41 countries. In these publications, 92 new species and genera are described. The majority of articles concern ecology (38%), taxonomy (23%), faunistics (16%), biology (5 %) and the bee-mite Varroa (10%). Please inform us if we have failed to list all your publications in the Bibliographia.

The database on mesostigmatic mites already contains 17,014 papers and 17,430 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 2017 is searchable on the Internet. The Bibliographia Mesostigmatologica of number 1 to 11 and the issues 1 to 17 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.

Publications 2018

Alatawi, F.J. / Basahih, J.S. / Kamran, M. (2018): Suitability of date palm pollen as an alternative food source for the predatory mite *Cydnoseius negevi* (Swirski & Amitai) (Acari, Phytoseiidae) at a low relative humidity. - Acarologia 58,2: 357-365

Alatawi, F.J. / Kamran, M. / Mirza, J.H. (2018): Mesostigmatic mites (Acari: Mesostigmata) of Saudi Arabia (excluding Phytoseioidea), new records and a key to the known species. - Zootaxa 4388 (3): 373-394

Amaral, F.S.R. / Lofego, A.C. / Cavalcante, A.C.C. (2018):* Oviposition rates of *Amblyseius aerialis* (Muma) and *Amblyseius chiapensis* DeLeon (Acari, Phytoseiidae) under seven foods - different patterns for the same genus. - Syst. Appl. Acarol. 23,5: 795-798

Assis, C.P.O. / Gondim, M.G.C. / Siqueira, H.A.A. (2018):* Synergism to acaricides in resistant *Neoseiulus californicus* (Acari, Phytoseiidae), a predator of *Tetranychus urticae* (Acari, Tetranychidae). - Crop Prot. 106: 139-145

ISSN 1618-8977

Atalay, D. / Schausberger, P. (2018): Balancing in- and out-breeding by the predatory mite *Phytoseiulus persimilis*. - Exp. Appl. Acarol. 74,2: 159-169

Babaeian, E. / Nozad, S. (2018):* A new species of the myrmecophile *Oplitis* Berlese (Acari: Oplitidae) from Iran. - Intern. J. Acarol. 44,2-3: 105-110

Bakar, M.A. / Aqueel, M.A. / Raza, A.B.M. / Arshad, M. / Mahmood, R. / Qadir, Z.A. (2018): Comparative efficacy of five commercial synthetic acaricides against *Varroa destructor* (Anderson and Trueman) in *Apis mellifera* L. colonies. - Pakistan J. Zool. 50,3: 857-861

Baldo, F.B. / De Carvalho Mineirao, J.L. / Raga, A. (2018):* Diversity and population dynamics of mites in peach and plum trees (Rosaceae) in the Southwest State of São Paulo, Brazil. - Intern. J. Acarol. 44,2-3: 129-137

Bohloolzadeh, M. / Zahedi-Golpayegani, A. / Saboori, A. / Allahyari, H. (2018): Reciprocal intraguild predation between *Neoseiulus barkeri* and *Amblyseius swirskii* (Mesostigmata, Phytoseiidae): Does experience affect anti-intraguild predation behaviors? - Persian J. Acarol. 7,1: 61-74

Brito-Casillas, Y. / Diaz-Sarmiento, M. / Garcia-Arencibia, M. / Carranza, C. / Castrillo, A. / Fernández-Pérz, L. / Zumbado-Pena, M. / González, J.F. / Wägner, A.M. (2018):* Outbreak and eradication of tropical rat mite (Acari, Macronyssidae) in a european animal facility. - J. Med. Entomol. 55,2: 468-471

Calabuig, A. / Pekas, A. / Wackers, F.L. (2018):* The quality of nonprey food affects cannibalism, intraguild predation, and hyperpredation in two species of phytoseiid mites. - J. Econ. Entomol. 111,1: 72-77

Calvet, E.C. / Lima, D.B. / Melo, J.W.S. / Gondim, M.G.C. (2018): Chemosensory cues of predators and competitors influence search for refuge in fruit by the coconut mite *Aceria guerreronisdae*. - Exp. Appl. Acarol. 74,3: 249-259

Chaaban, S.B. / Chermiti, B. / Kreiter, S. (2018): Biology and life-table of *Typhlodromus* (*Anthoseius*) *athenas* (Acari, Phytoseiidae) fed with the old world date mite, *Oligonychus afrasiaticus* (Acari, Tetranychidae). - Acarologia 58,1: 52-61

Chantawannakul, P. / Ramsey, S. / Van Engelsdorp, D. / Khongphinitbunjong, K. / Phokasem, P. (2018):* *Tropilaelaps* mite: an emerging threat to European honey bee. - Curr. Opinion in Ins. Sci. 26: 69-75

Chatterjee, T. / Pfingstl, T. / Pesić, V. (2018): A checklist of marine littoral mites (Acari) associated with mangroves. - Zootaxa 4442 (2): 221-240

Cómbita-Heredia, J.O. / Quintero-Gutiérrez, E.J. / Klompen, H. (2018): Ontogeny of *Megalolaelaps colossus* sp. nov. (Acari, Megalolaelapidae), an enigmatic symbiont of dung beetles (Coleoptera, Scarabaeidae) in Colombia. - Syst. Appl. Acarol. 23,6: 1102-1124

Da Fonseca Duarte, A. / Da Cunha, U.S. / De Moraes, G.J. (2018): Suitability of edaphic arthropods as prey for *Proctolaelaps bickleyi* and *Cosmolaelaps brevistilis* (Acari: Mesostigmata: Melicharidae, Laelapidae) under laboratory conditions. - Exp. Appl. Acarol. 74,3: 275-282

Dadgostar, S. / Nozari, J. (2018): Classical and geometric morphometric methods reveal differences between specimens of *Varroa destructor* (Mesostigmata, Varroidae) from seven provinces of Iran. - Persian J. Acarol. 7,1: 51-60

De Almeida, J.C. / Gomes, L.A.C. / Owen, R.D. (2018): Morphometric variation in *Periglischrus torrealbai* (Acari, Spinturnicidae) on three species of host bats (Chiroptera, Phyllostomidae) with a new record of host species. - Parasitol. Res. 117,1: 257-264

De Araújo, W.S. / Daud, R.D. (2018): Contrasting structures of plant-mite networks compounded by phytophagous and predatory mite species. - Exp. Appl. Acarol. 74,4: 335-346

De Figueiredo, E.S. / Massaro, M. / Do Carmo, S. / De Moraes, G.J. (2018): Rearing system for the predatory phytoseiid *Euseius concordis* (Acari: Phytoseiidae). - Exp. Appl. Acarol. 74,1: 13-23

Decker, P. / Christian, A. / Xylander, W.E.R. (2018): Fotografieren statt restaurieren? Ein virtuelles Mikroskop für Museumssammlungen „rettet“ historische Kleintierpräparate. - Natur • Forschung • Museum 148,4-6: 64-86

Decker, P. / Christian, A. / Xylander, W.E.R. (2018): VIRMISCO – The Virtual Microscope Slide Collection. – In: Stoev, P. / Edgecombe, G.D. (Eds.), Proceedings of the 17th International Congress of Myriapodology,

Krabi, Thailand. - ZooKeys 741: 271-282

Demite, P.R. / Da Cruz, W.P. / Bolton, S./ De Moraes, G.J. (2018): Redescription of *Honduriella maxima* Denmark & Evans (Acari: Mesostigmata, Phytoseiidae), description of a new species of *Honduriella* Denmark & Evans from the Amazonian Forest, and a modified characterisation of the genus. - Zootaxa 4442 (2): 331-337

Ding, L. / Chen, F. / Luo, R. / Pan, Q. / Wang, C. / Yu, S. / Cong, L. / Liu, H. / Li, H. / Ran, C. (2018):* Gene cloning and difference analysis of vitellogenin in *Neoseiulus barkeri* (Hughes). - Bull. Entomol. Res. 108,2: 141-149

Döker, I. (2018): Re-description of two new records and description of *Neoseiulella kazaki* sp. nov. (Acari, Phytoseiidae) from Turkey. - Syst. Appl. Acarol. 23,1: 113-122

Döker, I. (2018): Two new species of *Eharius* Tuttle & Muma (Acari, Phytoseiidae) from Turkey, with a key to world species. - Zootaxa 4413 (3): 482-490

Döker, I. / Hernandez, Y.V. / Mannion, C. / Carrillo, D. (2018):* First report of *Amblyseius tamatavensis* (Acari, Phytoseiidae) in the United States of America. - Intern. J. Acarol. 44,2-3: 101-104

Dos Santos, W. / Tixier, M.S. (2018): Integrative taxonomy approach for analysing evolutionary history of the tribe Euseiini Chant & McMurtry (Acari, Phytoseiidae). - Syst. Biodivers. 16,3: 302-319

Egekwu, N.I. / Posada, F. / Sonenshine, D.E. / Cook, S. (2018): Using an in vitro system for maintaining *Varroa destructor* mites on *Apis mellifera* pupae as hosts: studies of mite longevity and feeding behavior. - Exp. Appl. Acarol. 74,3: 301-315

Fan, Q.H. / Parmar, P. / George, S. / Gallagher, L. (2018):* An improved technique for quantifying infestation level of external mites (Acari) on honey bees. - J. Apic. Res. 57,2: 317-320

Fang, X.-D. / Hao, H.-H. / Wu, W.-N. (2018): Two new species of *Typhlodromus* Scheuten (Acari: Phytoseiidae) from Hainan Islands, China. - Syst. Appl. Acarol. 23,5: 925-934

Farahi, S. / Shishehbor, P. / Nemati, A. (2018): Bisexual and oedipal reproduction of *Macrocheles muscaedomesticae* (Acari, Macrochelidae) feeding on *Musca domestica* (Diptera, Muscidae) eggs. - Acarologia 58,2: 430-441

Fathipour, Y. / Karimi, M. / Farazmand, A. / Talebi, A.A. (2018): Age-specific functional response and predation capacity of *Phytoseiulus persimilis* (Phytoseiidae) on the two-spotted spider mite. - Acarologia 58,1: 31-40

Ferragut, F. (2018):* New records of phytoseiid mites of the subfamilies Typhlodrominae and Phytoseiinae (Acari, Phytoseiidae) from Spain, with description of a new species and re-description of four species of *Typhlodromus* Scheuten. - Syst. Appl. Acarol. 23,5: 883-910

Ferreira, C.T. / Krug, C. / Garcia, M.V.B. / De Moraes, G.J: (2018):* Leprosis mite and other mite species (Acari) associated to orange groves in Brazilian Central Amazon. - Syst. Appl. Acarol. 23,3: 449-462

Gastal, S.B. / Mascarenhas, C.S. / Vanstreels, R.E.T. / Ruas, J.L. (2018): *Rhinonyssus sphenisci* (Acari, Rhinonyssidae) in Magellanic penguin (*Spheniscus magellanicus*). - Polar Biol. 41,3: 487-490

Gomez-Martinez, M.A. / Jaques, J.A. / Ibanez-Gual, M.V. / Pina, T. (2018):* When the ground cover brings guests: is *Anaphothrips obscurus* a friend or a foe for the biological control of *Tetranychus urticae* in clementines? - J. Pest Sci. 91,2: 613-623

Hajializadeh, Z. / Asadi, M. / Kavousi, H. (2018):* First report of *Varroa* genotype in western Asia based on genotype identification of Iranian *Varroa destructor* populations (Mesostigmata, Varroidae) using RAPD marker. - Syst. Appl. Acarol. 23,2: 199-205

Häussermann, C.K. / Ziegelmann, B. / Rosenkranz, P. (2018): Spermatozoa production in male *Varroa destructor* and its impact on reproduction in worker brood of *Apis mellifera*. - Exp. Appl. Acarol. 74,1: 43-54

Hilario-Pérez, A.D. / Dowling, A.P.G. (2018): Nasal mites from specimens of the brown-headed cowbird (Icteridae: *Molothrus ater*) from Texas and Arkansas, U.S.A.. - Acarologia 58,2: 296-301

Hinkle, N.C. / Jirjis, F. / Szewczyk, E. / Sun, F.S. / Flochlay-Sigognault, A. (2018): Efficacy and safety assessment of a water-soluble formulation of fluralaner for treatment of natural *Ornithonyssus sylviarum* infestations in laying hens. - Parasites & Vectors 11: 99; 6 pp. DOI: 10.1186/s13071-018-2678-y

Horn, T.B. / Granich, J. / Körbes, J.H. / Da Silva, G.L. / Ferla, N.J. (2018): Mite fauna (Acari) associated with the poultry industry in different laying hen management systems in Southern Brazil: a species keys. - Acarologia 58,1: 140-158

Inak, E. / Cobanoglu, S. (2018): Determination of mite species on vineyards of Ankara, Turkey. - Fresenius Environ. Bull. 27,2: 1232-1239

Iturralde-Garcia, R.D. / Riudavets, J. / Castane, C. (2018):* Use of predatory mites for the control of bruchids on stored chickpeas and beans. - IOBC-WPRS Bull. 130: 110-111

Karmarkar, K. / Bhowmik, S. (2018): Description of eight new species and re-description of four species belonging to the family Phytoseidae (Acari: Mesostigmata) from West Bengal, India. - Zootaxa 4422 (1): 41-77

Kazemi, S. / Rajaei, A. / Yazdanian, M. (2018): Two new records of the genus *Halolaelaps* (Mesostigmata, Halolaelapidae) from Iran. - Persian J. Acarol. 7,2: 217-220

Khalesi, T. / Kazemi, S. (2018): A new species and new record of *Gaeolaelaps* Evans & Till (Acari: Mesostigmata, Laelapidae) from Iran. - Acarologia 58,3: 628-639

Khaustov, A.A. / Klimov, P.B. / Trach, V.A. / Bobylev, A.N. / Salavatulin, V.M. / Khaustov, V.A. / Tolstikov, A.V. (2018): Review of mites (Acari) associated with the european spruce bark beetle, *Ips typographus* (Coleoptera, Curculionidae, Scolytinae) in Asian Russia. - Acarina 26,1: 3-79

Khelfaoui, F. / Kebaci, A. / Benyacoub, S. (2018): New data on Insecta and Acarina parasitizing bats (Mammalia, Chiroptera) in Numidia, Eastern Algeria. - Bull. Soc. zool. Fr. 143,2: 63-73

Kim, H.K. / Lee, S.J. / Hwang, B.-Y. / Yoon, J.U. / Kim, G.-H. (2018): Acaricidal and repellent effects of *Cnidium officinale* - derived material against *Dermanyssus gallinae* (Acari, Dermanyssidae). - Exp. Appl. Acarol. 74,4: 403-414

Kishimoto, H. / Yaginuma, K. / Toyama, M. (2018):* Effects of pesticides on four native generalist phytoseiid species (Acari, Phytoseiidae). - Jap. J. Appl. Entomol. Zool. 62,1: 29-39

Kontschán, J. (2018): *Macrocheles kekensis* sp. n., a new macrochelid mite associated with a centoniin beetle from Hungary (Acari, Mesostigmata). - ZooKeys 768: 97-104

Kreiter, S. / Payet, R.-M. / Fillatre, J. / Abdou Azali, H. (2018): First records of Phytoseiidae (Acari: Mesostigmata) from one island of the Comoros Archipelago. - Acarologia 58,3: 529-545

Kuk, Y.I. / Kim, S.S. (2018):* Effects of selected insecticides on the predatory mite, *Phytoseiulus persimilis* (Acari: Phytoseiidae). - J. Entomol. Sci. 53,1: 46-54

Manwaring, M. / Wallace, H.M. / Weaver, H.J. (2018): Effects of a mulch layer on the assemblage and abundance of mesostigmatan mites and other arthropods in the soil of a sugarcane agro-ecosystem in Australia. - Exp. Appl. Acarol. 74,3: 291-300

Marchenko, I.I. (2018): A new species of *Halozercon* (Acari, Zerconidae) from South Siberia (Russia) with additional information on *Halozercon karacholana* Wisniewski et al., 1992. - Zootaxa 4394 (3): 347-370

Marquardt, T. / Kaczmarek, S. (2018):* Pre-oviposition-al and ovipositional behaviour of *Holaspulus tenuipes* (Berlese) (Parasitiformes: Mesostigmata, Parholaspididae) with notes on egg chorion, incubation, and hatching. - Intern. J. Acarol. 44,2-3: 111-114

Millan-Leiva, A. / Hernandez-Rodriguez, C.S. / Gonzalez-Cabrera, J. (2018):* New PCR-RFLP diagnostics methodology for detecting *Varroa destructor* resistant to synthetic pyrethroids. - J. Pest Sci. 91,3: 937-941

Moerke-Schindler, T. / Krautwald-Junghanns, M.-E. / Schmidt, V. (2018):* Occurence of red poultry mites (*Dermanyssus gallinae*) in clinically healthy backyard chicken flocks. - Berl. Münch. Tierärztl. Wochenschr. 131,5-6: 217-223

Mollaloo, M.G. / Kheradmand, K. / Talebi, A.A. (2018):* Sublethal effects of pyridaben on life table parameters of the predatory mite *Neoseiulus californicus* (McGregor) (Acari, Phytoseiidae). - Zool. & Ecol. 28,1: 56-63

Momen, F.M. / Metwally, A.S. / Nasr, A.K. / Gesraha, M. / Mahmoud, Y.A. / Saleh, K.H.M. (2018):* *Cosmolaelaps keni* a polyphagous predatory mite on various insect and mite species (Acari, Laelapidae). - Acta Phytopathol. Entomol. Hung. 53,1: 111-121

Monteiro, V.B. / Silva, V.F. / Lima, D.B. / Carvalho Guedes, R.N. / Correa Gondim, M.G. (2018): Pesticides and passive dispersal: acaricide- and starvation-induced take-off of the predatory mite *Neoseiulus baraki*. - Pest Manag. Sci. 74: 1272-1278

Morales-Amaral, M. del Mar / Rifa, E.V. (2018):* *Amblyseius swirskii* for controlling dehydrated fruit pest. - IOBC-WPRS Bull. 130: 134

Morales-Malacara, J.B. / Aldama, L.Y.M. / Reyes-Novelo, E. / Almazan-Marin, C.E. / Ruiz-Pina, H.A. / Cuxim-Koyoc, A. / Aguilar-Setién, A. / Colin-Martinez, H. / Garcia-Estrada, C. / Ojeda, M. (2018):* Redescription of *Periglischrus herrerai* (Acari, Spinturnicidae) associated to *Desmodus rotundus* (Chiroptera, Phyllostomidae, Desmodontinae), with a description of adulte female heteromorphism and analysis of its variability throughout the neotropics. - J. Med. Entomol. 55,2: 300-316

Moraza, M.L. / Lindquist, E.E. (2018): A new species-group with new species of the genus *Lasioseius* (Acari: Mesostigmata, Blattisociidae) associated with Neotropical hispine beetles in furled leaves of Heliconia. - Acarologia 58,1: 62-98

Murase, A. / Fujita, K. (2018): Predator experience changes spider mites' habitat choice even without current threat. - Scient. Rep. 8: 8388 DOI: 10.1038/s41598-018-26757-y

Negm, M.W. / Gotoh, T. (2018): Mites of the family Parasitidae Oudemans, 1901 (Acari: Mesostigmata) from Japan: a new species of *Vulgarogamasus* Tichomirov, 1969 and a key to Japanese species. - Zootaxa 4429 (2): 379-389

Nemati, A. / Khalili-Moghadam, A. (2018): First species record of Schizogyniidae (Acari: Mesostigmata: Trigynaspida) from Asia. - Persian J. Acarol. 7,1: 101-104

Nemati, A. / Riahi, E. / Khalili-Moghadam, A. / Gwiazdowicz, D.J. (2018): A catalogue of the Iranian Mesostigmata (Acari): additions and updates of the previous catalogue. - Persian J. Acarol. 7,2: 115-191

Niu, D.-L. / Wang, R.-L. / Zhao, Y.-E. / Yang, R. / Hu, L. (2018): De novo RNA-seq and functional annotation of *Ornithonyssus bacoti*. - Exp. Appl. Acarol. 75,2: 191-208

Özbek, H.H. / Masán, P. **(2018): A new species and subgenus of *Pachylaelaps* Berlese from Turkey (Acari: Pachylaelapidae). - Zootaxa 4418 (5): 481-492**

Paulo, P.D. / Fadini, M.A.M. / Dominiquini, A.B. / Mendes, S.M. / Marinho, C.G.S. (2018): Cry protein in the predatory mite *Neoseiulus californicus* and spider mite *Tetranychus urticae* prey fed with transgenic maize. - Braz. J. Biol. 78,1: 91-93

Peng, P.-Y. / Guo, X.-G. / Jin, D.-C. (2018): A new species of *Laelaps* Koch (Acari, Laelapidae) associcated with spiny rat from Yunnan Province, China. - Pakistan J. Zool. 50,4: 1279-1283

Pekas, A. / Palevsky, E. / Sumner, J.C. / Perotti, M.A. / Nesvorna, M. / Hubert, J. (2018): Comparison of bacterial microbiota of the predatory mite *Neoseiulus cucumeris* (Acari, Phytoseiidae) and its factitious prey *Tyrophagus putrescentiae* (Acari: Acaridae). - Scient. Rep. 7: 2; 12 pp. DOI:10.1038/s41598-017-00046-6

Pietropaoli, M. / Formato, G. (2018):* Liquid formic acid 60% to control *Varroa* mites (*Varroa destructor*) in honey bee colonies (*Apis mellifera*): protocol evaluation. - J. Apic. Res. 57,2: 300-307

Pinto-Zevallos, D.M. / Bezerra, R.H.S. / Souza, S.R. / Ambrogi, B.G. (2018): Species- and density-dependent induction of volatile organic compounds by three mite species in cassava and their role in the attraction of a natural enemy. - Exp. Appl. Acarol. 74,3: 261-274

Piou, V. / Tabart, J. / Hemptinne, J.-L. / Vétillard, A. (2018): Effect of pollen extract supplementation on the varroatosis tolerance of honey bee (*Apis mellifera*) larvae reared in vitro. - Exp. Appl. Acarol. 74,1: 25-41

Prasad, V. (2018): Description of motile immature stages of *Hemipteroseius indicus* (Krantz & Khot) (Acari, Otopheidomenidae). - Persian J. Acarol. 7,1: 1-40

Prasad, V. (2018): Redescription of paratype female of *Prasadiseius achlora* (Prasad, 1972) (Acari, Otopheidomenidae). - Persian J. Acarol. 7,2: 115-133

Rajabpour, A. / Abdali Mashhadi, A.R. / Ghorbani, M.R. (2018): Acaricidal and repellent properties of some plant extracts against poultry red mite, *Dermanyssus gallinae* (Mesostigmata: Dermanyssidae). - Persian J. Acarol. 7,1: 85-91

Reinbacher, L. / Fernández-Ferarri, M.C. / Angeli, S. / Schausberger, L. (2018): Effects of *Metarhizium anisopliae* on host choice of the bee-parasitic mite

Varroa destructor. - Acarologia 58,2: 287-295

Revynthi, A.M. / Janssen, A. / Egas, M. (2018): Gender-specific differences in cannibalism between a laboratory strain and a field strain of a predatory mite. - Exp. Appl. Acarol. 74,3: 239-247

Riahi, E. / Fathipour, Y. / Talebi, A.A. / Mehrabadi, M. (2018):* Factitious prey and artificial diets: do they all have the potential to facilitate rearing of *Typhlodromus bagdasarjani* (Acari, Phytoseiidae)? - Intern. J. Acarol. 44,2-3: 121-128

Santos, J.C. / Rueda-Ramirez, D. / Demite, P.R. / De Moraes, G.J. (2018): Ascidae, Blattisociidae and Melicharidae (Acari: Mesostigmata): zoogeographic analyses based on newly available databases. - Zootaxa 4377 (4): 542-564

Sariosseiri, A. / Moshaverinia, A. / Khodaparast, M.H.H. / Kalidari, G.A. (2018): In vitro acaricidal effect of Melia azedarach ripe fruit extract against *Dermanyssus gallinae* (Acari: Dermanyssidae). - Persian J. Acarol. 7,2: 203-208

Schausberger, P. / Davaasambuu, U. / Saussure, S. / Christiansen, I.C. (2018):* Categorizing experience-based foraging plasticity in mites: age dependency, primacy effects and memory persistence. - Roy. Soc. Open Sci. 5,4: 172110 DOI: 10.1098/rsos.172110

Schmidt, A.R. / Kaulfuss, U. / Bannister, J.M. / Baranov, V. / Beimforde, C. / Bleile, N. et al. (2018): Amber inclusions from New Zealand. - Gondwana Res. 56: 135-146

Seeman, O.D. / Minor, M. / Baker, M.R. / Walter, D.E. (2018): A revision of the Heatherellidae (Parasitiformes: Mesostigmata) with a new genus and two new species from Australasia. - Zootaxa 4434 (3): 441-465

Silva, D.E. / Da Silva, G.L. / Do Nascimento, J.M. / Ferla, N.J. (2018):* Mite fauna associated with bird nests in Southern Brazil. - Syst. Appl. Acarol. 23,3: 426-440

Silva, V. / Moreira, G. / Lopes, J. / Delabie, J. / Oliveira, A.R. (2018): A new species of *Cosmolaelaps* Berlese (Acari, Laelapidae) living in the nest of the ant *Neoponera inversa* (Smith) (Hymenoptera, Formicidae) in Brazil. - Syst. Appl. Acarol. 23,1: 13-24

Sinia, A. / Guzman-Novoa, E. (2018):* Evaluation of the entomopathogenic fungi *Beauveria bassiana* GHA and *Metarhizium anisopliae* UAMH 9198 alone or in combination with thymol for the control of *Varroa destructor* in honey bee (*Apis mellifera*) colonies . - J. Apic. Res. 57,2: 308-316

Syromyatnikov, M.Y. / Kokina, A.V. / Belyakova, N.A. / Kozlova, E.G. / Popov, V.N. (2018): A simple molecular method for rapid identification of commercially used *Amblyseius* and *Neoseiulus* species (Acari, Phytoseiidae). - Zootaxa 4394 (2): 270-278

Trach, V.A. / Khaustov, A.A. (2018): The first record of the genus *Myrmozercon* Berlese (Acari: Mesostigmata, Laelapidae) in the Neotropical region and a description of a new species. - Acarologia 58,1: 41-51

Vacacela Ajila, H.E. / Ferreira, J.A.M. / Colares, F. / Oliveira, C.M. / Bernardo, A.M.G. / Venzon, M. / Pallini, A. (2018): *Ricoseius loxocheles* (Acari, Phytoseiidae) is not a predator of false spider mite on coffee crops: What does it eat? - Exp. Appl. Acarol. 74,1: 1-11

Wei, X. / Zhang, Z.-Q. (2018): Responses of *Tyrophagus putrescentiae* (Acaridae) to odour associated with its predator *Neoseiulus cucumeris* (Phytoseiidae). - Syst. Appl. Acarol. 23,2: 401-403

Xie, L. / Yan, Y. / Zhang, Z.-Q. (2018):* Development, survival and reproduction of *Stratiolaelaps scimitus* (Acari, Laelapidae) on four diets. - Syst. Appl. Acarol. 23,4: 779-794

Xu, Y.J. / Liu, L. / Yang, Y. / Wang, X. / Tian, C.B. / Lee, Y.Y. / Chen, H.-Q. / Liu, H. (2018):* Identification of four heat shock protein genes and their expression in response to thermal stress in two strains of *Neoseiulus barkeri* (Acari, Phytoseiidae). - Syst. Appl. Acarol. 23,4: 652-664

Zhang, G.-H. / Li, Y.-Y. / Tian, C.-B. / Xu, Y.-J. / Zhou, H.-W. / Huang, J. / Wang, J.-J. / Liu, H. (2018):* Intraspecific variations on thermal susceptibility in the predatory mite *Neoseiulus barkeri* Hughes (Acari, Phytoseiidae): Responding to long-term heat acclimations and frequent heat hardenings. - Biol. Contr. 121: 208-215

Zhang, X. / Guo, J.-J. / Zou, X. / Jin, D. (2018): Pathogenic differences of the entomopathogenic fungus *Isaria cateniannulata* to the spider mite *Tetranychus urticae*

(Trombidiformes, Tetranychidae) and its predator *Euseius nicholsi* (Mesostigmata, Phytoseiidae). - Exp. Appl. Acarol. 75,1: 69-84

Ziegelmann, B. / Abele, E. / Hannus, S. / Beitzinger, M. / Berg, S. / Rosenkranz, P. (2018): Lithium chloride effectively kills the honey bee parasite *Varroa destructor* by a systemic mode of action. - Scient. Rep. 8: 683; 9 pp. DOI:10.1038/s41598-017-19137-5

Publications 2017

Afshar, F.R. / Latifi, M. (2017): Functional response and predation rate of *Amblyseius swirskii* (Acari: Phytoseiidae) at three constant temperatures. - Persian J. Acarol. 6,4: 299-314

Bai, X.-L. / Gao, X.-P. / Ma, L.-M. (2017): Investigations of mesostigmatic mites from Ningxia and neighbouring provinces (Acari) (8). - Acta Arachnol. Sin. 26,1: 59-64

Bakar, M.A. / Aqueel, M.A. / Raza, A.B.M. / Ullah, M.I. / Arshad, M. / Sohail, M. / Molina-Ochoa, J. (2017): Evaluation of few essential oils for the management of parasitic bee mites, *Varroa destructor* (Acari: Varroidae) in *Apis mellifera* L. colonies. - Pakistan J. Zool. 49,6: 2005-2010

Beltrà, A. / Calabuig, A. / Navarro-Campos, C. / Ramirez-Soria, M.J. / Soto, A. / Garcia-Mari, F. / Wäckers, F.L. / Pekas, A. (2017):* Provisioning of food supplements enhances the conservation of phytoseiid mites in citrus. - Biol. Contr. 115: 18-22

Bounaas, K. / Bouzidi, N. / Daghbouche, Y. / Garrigues, S. / De la Guardia, M. / El Hattab, M. (2017):* Fourier transform infrared analysis of commercial formulations for *Varroa* treatment. - Analytical Meth. 9,46: 6574-6582

Bowman, C.E. (2017): Gut contents, digestive half-lives and feeding state prediction in the soil predatory mite *Pergamasus longicornis* (Mesostigmata, Parasitidae). - Exp. Appl. Acarol. 73,1: 11-60

Brauneis, M.D. / Zoller, H. / Williams, H. / Zschiesche, E. / Heckeroth, A.R. (2017): The acaricidal speed of kill of orally administered fluralaner against poultry red mites (*Dermanyssus gallinae*) on laying hens and its impact on mite reproduction. - Parasites & Vectors 10: 594; 8 pp. DOI:10.1186/s13071-017-2534-5

Brückner, A. / Klompen, H. / Burce, A.I. / Hashim, R. / von Beeren, C. (2017): Infection of army ant pupae by two new parasitoid mites (Mesostigmata: Uropodina). - PeerJ 5: e3870; 24 pp. DOI: 10.7717/peerj.3870

Canarte, E. / Sarmento, R.A. / Venzon, M. / Pedro-Neto, M. / Ferreira, D.F. / Santos, F.A. / Pallini, A. (2017):* Suitability and nutritional requirements of the predatory mite *Typhlodromus transvaalensis*, a potential biological control agent of physic nut pest mites. - Biol. Contr. 115: 165-172

Chacon-Hernandez, J.C. / Cerna-Chavez, E. / Reyes-Zepeda, F. / Gaona-Garcia, G. / Rocandio-Rodriguez, M. / Landeros-Flores, J. (2017):* Functional response of *Phytoseiulus persimilis* Athias-Henriot on four developmental stages of *Tetranychus urticae* Koch on disks of rose leaves. - Southw. Ent. 42,2: 485-491

Da-Costa, T. / Da Silva, G.L. / Ferla, N.J. (2017): A new species *Iphiseiodes* De Leon (Acari, Phytoseiidae) from Brazil. - Syst. Appl. Acarol. 22,9: 1489-1494

DeGrandi-Hoffman, G. / Ahumada, F. / Graham, H. (2017):* Are dispersal mechanisms changing the host-parasite relationship and increasing the virulence of *Varroa destructor* (Mesostigmata, Varroidae) in managed honey bee (Hymenoptera, Apidae) colonies? - Environ. Entomol. 46,4: 737-746

Del Mar Fernández, M. / Colomer, I. / Medina, P. / Fereres, A. / Del Estal, P. / Vinuela, E. (2017): Efficacy of a long-lasting bifenthrin-treated net against horticultural pests and its compatibility with the predatory mite *Amblyseius swirskii* and the parasitic wasp *Eretmocerus mundus*. - Pest Manag. Sci. 73: 1689-1697

Demite, P.R. / Dias, M.A. / Cavalcante, A.C.C. / Ramos, M.V.V. / Lofego, A.C. (2017): Phytoseiid mites (Acari, Mesostigmata, Phytoseiidae) associated with Cerrado biome plants in Brazil, with description of a new species. - Syst. Appl. Acarol. 22,12: 2141-2177

Di Palma, A. / Seeman, O.D. / Alberti, G. (2017): Complexity, adaptations and variations in the secondary insemination system of female Dermanyssina mites (Acari: Anactinothrichida: Gamasida): the case of *Afrocypholaelaps africana*. - Exp. Appl. Acarol. 72,3: 191-203

Dos Santos, M.D. / Castilho, R.C. / De Moraes, G.J. / Silva, E.S. (2017): Two new species of *Afrodacarellus* (Acari, Mesostigmata, Rhodacaridae) from Brazil and a key to the world species of the genus. - Zootaxa 4363 (3): 409-420

Duran, E.H. / Karaca, M. / Urhan, R. (2017): First records of females of *Zercon plumatopilus* (Acari, Zerconidae) from Turkey. [Orig. Turk.] - NOBEL Res. J. Biol. Sci. 10,1: 33-36

Duran, E.H. / Karaca, M. / Urhan, R. (2017): A new species of soil mites (Acari, Mesostigmata, Zerconidae) from Afyonkarahisar province, Turkey. - Zoology in the Middle East 63,1: 86-92

Duran, E.H. / Urhan, R. (2017): Zerconid mites (Acari, Zerconidae) in Istanbul, with four new records for the Turkish fauna. - Turk. J. Zool. 41: 931-939

Eliash, N. / Singh, N.K. / Thangarajan, S. / Sela, N. / Leshkowitz, D. / Kamer, Y. / Zaidman, I. / Rafaeli, A. / Soroker, V. (2017): Chemosensing of honeybee parasite, *Varroa destructor*: Transcriptomic analysis. - Scient. Rep. 7: e 13091; 11 pp. DOI: 10.1038/s41598-017-13167-9

Fang, X.-D. / Wu, W.-N. (2017): A new species of the genus *Neoseiulus* Hughes (Acari, Phytoseiidae) and the male of *Amblyseius ishizuchiensis* Ehara, 1972 from China. - Syst. Appl. Acarol. 22,10: 1574-1584

Ferragut, F. / Navia, D. (2017): Phytoseiid mites (Acari: Mesostigmata) of the Azores Islands. - Syst. Appl. Acarol. 22,10: 1585-1621

Flochlay, A.S. / Thomas, E. / Sparagano, O. (2017): Poultry red mite (*Dermanyssus gallinae*) infestation: a broad impact parasitological disease that still remains a significant challenge for the egg-laying industry in Europe. - Parasites & Vectors 10: 357; 6 pp. DOI 10.1186/s13071-017-2292-4

Franco, A.A. / Zanardi, O.Z. / De Oliveira Jacob, C.R. / Rosa de Oliveira, M.B. / Yamamoto, P.T. (2017): Susceptibility of *Euseius concordis* (Mesostigmata, Phytoseiidae) to pesticides used in citrus production systems. - Exp. Appl. Acarol. 73,1: 61-77

George, P.B.L. / Keith, A.M. / Cree, S. / Barrett, G.L. / Lebron, I. / Emmett, B.A. / Robinson, D.A. / Jones, D.L. (2017):* Evaluation of mesofauna communities as soil quality indicators in a national-level monitoring programme. - Soil Biol. Biochem. 115: 537-546

Ghasemzadeh, S. / Leman, A. / Messelink, G.J. (2017): Biological control of *Echinothrips americanus* by phytoseiid predatory mites and the effect of pollen as supplemental food. - Exp. Appl. Acarol. 73,2: 209-221

Gosslin-Badaroudine, P. / Chahine, M. (2017):* Biophysical characterization of the *Varroa destructor* NaV1 sodium channel and its affinity for τ-fluvalinate insecticide. - Faseb J. 31,7: 3066-3071

Grau, T. / Brandt, A. / DeLeon, S. / Meixner, M.D. / Strauss, J.F. / Joop, G. / Telschow, A. (2017): A comparison of *Wolbachia* infection frequencies in *Varroa* with prevalence of deformed wing virus. - J. Ins. Sci. 17,3: 72; 6 pp. DOI: 10.1093/jisesa/iex039

Gregorc, A. / Alburaki, M. / Werle, C. / Knight, P.R. / Adamczy, J. (2017):* Brood removal or queen caging combined with oxalic acid treatment to control *Varroa* mites (*Varroa destructor*) in honey bee colonies (*Apis mellifera*). - Apidol. 48,6: 821-832

Groot, T.V.M. / Van Houten, Y.M. / Hoogerbrugge, H. / Lenferink, K.O. (2017):* Improved predatory mite release system. - IOBC-WPRS Bull. 124: 173-177

Gyuris, E. / Szep, E. / Kontschán, J. / Hettyey, A. / Toth, Z. (2017):* Behavioural responses of two-spotted spider mites induced by predator-borne and prey-borne cues. - Behav. Proc. 144: 100-106

Hajiqanbar, H. / Saboori A. (Eds.) (2017): Third International Persian Congress of Acarology, 23-25 August 2017, Tehran, Iran, Abstract book. - College of Science, University of Tehran: 1-82

Hajizadeh, J. / Karami, F. (2017): Additional descriptions of *Ameroseius aegyptiacus* (Nasr & Abou-Awad) and *Ameroseius lanceosetis* Livshitz & Mitrofanov (Acari, Ameroseiidae), with a revised key to the ameroseiid mites of Iran. - Linzer biol. Beitr. 49,2: 1323-1334

Hakimitabar, M. / Shabaninejad, A. / Saboori, A. / Shams, M. (2017): Evaluation of Artificial Neural Network for determining distribution pattern of ascid family (Acari: Mesostigmata) in Damghan. [Orig. Arab.] - J. Entomol. Soc. Iran 37,3: 361-368

Hassan, M.F. / Momen, F.M. / Nasr, A.K. / Mabrouk, A.H. / Ramadan, M.M. (2017): Development and reproduction of three predatory mites (Acari, Laelapidae and Rhodacaridae) on eggs of *Ephestia kuehniella* (Lepidoptera: Pyralidae). - Acta Phytopathol. Entomol.

Hung. 52,1: 97-106

Haynert, K. / Kiggen, M. / Klarner, B. / Maraun, M. / Scheu, S. (2017): The structure of salt marsh soil mesofauna food webs - The prevalence of disturbance. - PLOS ONE 12,12: e0189645; 20 pp. DOI: 10.1371/journal.pone.0189645

Hinomoto, N. (2017): Gut-content analysis of predatory phytoseiid mites using fluorescent-labeled polymerase chain reaction: age of spider-mite eggs influences detection rates. - J. Acarol. Soc. Jpn. 26,2: 65-72

Hrúzová, K. / Masán, P. / Fenda, P. (2017): A revision of the genus *Anadenosternum* Athias-Henriot (Acari: Mesostigmata, Parasitidae). - Zootaxa 4324 (3): 436-450

Hubert, J. / Erban, T. / Kopecky, J. / Sopko, B. / Nesvorna, M. / Lichovnikova, M. / Schicht, S. / Strube, C. / Sparagano, O. (2017):* Comparison of microbiomes between red poultry mite populations (*Dermanyssus gallinae*): predominance of Bartonella-like *Bacteria*. - Microbial Ecol. 74,4: 947-960

Jacob, S. / Pijnakker, J. (2017):* *Typha angustifolia* as food supplement for predatory mites in greenhouse crops. - IOBC-WPRS Bull. 124: 250

Jensen, K. / Kristensen, T.N. / Overgaard, J. / Toft, S. / Sorensen, J.G. / Holmstrup, M. (2017):* Cold acclimation reduces predation rate and reproduction but increases cold- and starvation tolerance in the predatory mite *Gaeolaelaps aculeifer* Canestrini. - Biol. Contr. 114: 150-157

Ji, J. / Yu, D.-Y. / Xie, S.-Y. / Huang, P. (2017): The evaluation of different predatory mites on the pest of strawberry. - Acta Arachnol. Sin. 26,2: 119-126

Juvara-Bals, I. (2017): New and rare species of *Holoparasitus* Oudemans, 1936 (Acari, Gamasida, Parasitidae) from the Athias-Henriot Collection. - Rev. Suisse Zool. 124,2: 225-239

Kamczyc, J. / Pers-Kamczyc, E. / Watral, P. / Sokolowski, J. / Bulaj, B. (2017): To what extent do pine and oak clear-cut stumps support mite (Acari: Mesostigmata) communities in temperate forests? - Turk. J. Zool. 41: 860-875

Kamran, M. / Basahih, J.S. / Alatawi, F.J. (2017): A new species of *Kuzinellus* Wainstein, 1976 (Acari, Mesostigmata, Phytoseiidae) from Saudi Arabia, with a key to the world species. - Internat. J. Acarol. 43,7: 545-551

Karaca, M. (2017): First descriptions of nymphs of *Zercon agnostus* Blaszak (Acari, Zerconidae) from Turkey. [Orig. Turk.] - AKU J. Sci. Eng. 17: 861-871

Karaca, M. / Ordoukhanian, C. / Ahadiyat, A. / Urhan, R. (2017): New occurrences of zerconid mites (Acari, Zerconidae) from Iran, with checklist and a key to the Iranian species. - Internat. J. Acarol. 43,8: 603-611

Karami, F. / Hajizadeh, J. / Ostovan, H. (2017): Fauna of Ascoidea (except Ameroseiidae) in Guilan province, Iran with two new species record for Iran mites fauna. - Linzer biol. Beitr. 49,2: 1309-1321

Karmakar, K. / Bhowmik, S. / Sherpa, C. (2017): Description of five new species and re-description of two species of *Amblyseius* (Acari, Phytoseiidae) from West Bengal, India. - Zootaxa 4311 (1): 39-61

Keum, E. / Jung, C. / Joharchi, O. (2017): New species and new records of the family Laelapidae (Acari: Mesostigmata) from Republic of Korea. - Zootaxa 4353 (3): 485-505

Kiss, E. / Szénási, Á. / Neményi, A. / Kontschán, J. (2017): Can we use the predatory mites against the invasive bamboo pest spider mites? - Acta Phytopathol. Entomol. Hung. 52,1: 91-96

Klimov, P.B. / OConnor, B.M. / Ochoa, R. / Bauchan, G.R. / Scher, J. (2017): Bee Mite ID - an online resource on identification of mites associated with bees of the World. - J. Acarol. Soc. Jpn. 26,1: 25-29

Knee, W. (2017): New *Macrocheles* species (Acari, Mesostigmata, Macrochelidae) associated with burying beetles (Silphidae, Nicrophorus) in North America. - ZooKeys 721: 1-32

Kolodochka, L.A. / Bondarev, V.Y. (2017): Two new species of the phytoseiid genus *Neoseiulus* (Acari: Mesostigmata) from Steppe zone of Ukraine. - Acarologia 57,4: 1073-1078

Kolodochka, L.A. / Bondarev, V.Y. (2017): Peculiarities of distribution of two *Amblydromella* species (Phytoseiidae, Parasitiformes) in the zone of their natural intergradation in the Eastern Ukraine. - Vestn. zool. 51,5: 401-406

Kontschán, J. (2017): *Macrodinychus tanduk* sp. nov., an unusual new macrodinychid species from Sumatra, Indonesia (Mesostigmata, Uropodina), with notes on the Macrodinychidae fam. nov.. - Syst. Appl. Acarol. 22,8: 1267-1276

Kontschán, J. (2017): New species and new records of Uropodina from Virginia, USA (Acari: Mesostigmata). - Zootaxa 4347 (2): 346-360

Kontschán, J. / Szederjesi, T. (2017): Exotic mite family (Parholaspididae Evans, 1956) introduced to Hungary: First record of *Holaspina alstoni* (Evans, 1956) from hungarian greenhouses (Acari: Mesostigmata). - Acta Phytopathol. Entomol. Hung. 52,1: 83-90

Konwerski, S. / Gutowski, J.M. / Ksiazkiewicz-Parulska, Z. / Błoszyk, J. (2017):* Repeatability of the phoretic relationships between mites of the genus *Trichouropoda* Berlese (Parasitiformes: Uropodina) and longhorn beetles of the genus *Tetropium* Kirby (Coleoptera: Cerambycidae) in Białowieża Primeval Forest, Central Europe. - Intern. J. Acarol. 43,8: 612-621

Lanzoni, A. / Martelli, R. / Pezzi, F. (2017): Mechanical release of *Phytoseiulus persimilis* and *Amblyseius swirskii* on protected crops. - Bull. Insectol. 70,2: 245-250

Lareschi, M. / Cicuttin, G.L. / De Salvo, M.N. / Ibanez, L. / Montalti, D. (2017): The tropical fowl mite *Ornithonyssus bursa* (Acari, Mesostigmata, Macronyssidae) parasitizing the European starling *Sturnus vulgaris* (Aves, Passeriformes, Sturnidae), an invasive bird in central Argentina. An approach to the bacterial fauna of this mite. - Rev. Mex. Biodivers. 88: 454-458

Li, L. / Lin, Z.-G. / Wang, S. / Su, X.-L. / Hong, H.-R. / Li, H.-L. / Hu, F.-L. / Zheng, H.-Q. (2017): The effects of clove oil on the enzyme activity of *Varroa destructor* Anderson and Trueman (Arachnida: Acari, Varroidae). - Saudi J. Biol. Sci. 24: 996-1000

Liao, J.-R. / Ho, C.-C. / Ko, C.-C. (2017): Discovery of a new species of genus *Typhlodromus* Scheuten (Acari, Phytoseiidae, Typhlodrominae) on rocky shore habitat from Lanyu Island. - Syst. Appl. Acarol. 22,10: 1639-1650

Lin, G. / Tanguay, A. / Guertin, C. / Todorova, S. / Brodeur, J. (2017):* A new method for loading predatory mites with entomopathogenic fungi for biological control of their prey. - Biol. Contr. 115: 105-111

Liu, J.-F. / Wei, X.-Y. / Li, G.-Y. / Zhang, Z.-Q. (2017): Where are primary type specimens of new mite species deposited? - Zootaxa 4363 (1): 1-54

Locke, B. / Semberg, E. / Forsgren, E. / De Miranda, J.R. (2017): Persistence of subclinical deformed wing virus infections in honeybees following *Varroa* mite removal and a bee population turnover. - PLOS ONE 12,7: e0180910; 10 pp. DOI: 10.1371/journal.pone.0180910

Lofego, A.C. / Rezende, J.M. / Demite, P.R. / Feres, R.J.F. (2017):* Mite fauna associated with *Cecropia pachystachya* Trec. (Urticaceae) - the importance of the plant as reservoir and dissemination means for predatory mites. - Syst. Appl. Acarol. 22,10: 1780-1794

Ma, L.-M. (2017): A new record of Trigynaspida from China (Acari: Mesostigmata, Triplogyniidae). - Acta Arachnol. Sin. 26,2: 86-87

Ma, L.-M. (2017): A new species of the genus *Oplitis* (Acari: Uropodina). - Acta Arachnol. Sin. 26,1: 46-47

Ma, L.-M. (2017): New records of Uropodid mites from China (Acari). - Acta Arachnol. Sin. 26,2: 88-90

Ma, L.-M. / Bai, X.-L. (2017): Redescription of *Cornigamasus lunaris* (Berlese, 1882) (Acari: Mesostigmata, Parasitidae). - Acta Arachnol. Sin. 26,2: 91-93

Ma, L.-M. / Bai, X.-L. (2017): A new record of the genus *Melichares* from China, with new discovery of male of *Gamasodes jingyuanensis* Ma et Bai, 2012 (Acari: Mesostigmata, Aceosejidae, Parasitidae). - Acta Arachnol. Sin. 26,2: 82-85

Ma, L.-M. / Lin, J.-Z. (2017): Discovery of *Neoparasitus wenkochingi* Samsinak in Xizang, China (Acari: Mesostigmata, Neoparasitidae). - Acta Arachnol. Sin. 26,1: 48-50

Manu, M. / Calugar, A. / Badiu, D. (2017): Distribution of the genus *Veigaia* (Mesostigmata, Veigaiidae) in Romania with notes on the species ecology. - Biologia 72,6: 628-641

Manu, M. / Onete, M. / Florescu, L. / Bodescu, F. / Iordache, V. (2017): Influence of heavy metal pollution on soil mite communities (Acari) in Romanian grasslands. - Northw. J. Zool. 13,2: 200-210

Mar Tellez, M. del / Simon, A. / Rodiguez, E. / Janssen,

D. (2017):* Control of tomato leaf curl New Delhi virus in zucchini using the predatory mite *Amblyseius swirskii*. - Biol. Contr. 114: 106-113

Marquardt, T. / Kaczmarek, S. (2017):* Postembryonic development of *Sejus togatus* C.L. Koch, 1836 (Parasitiformes: Mesostigmata: Sejida) with notes on moulting behaviour. - Internat. J. Acarol. 43,7: 557-562

Masán, P. (2017): A revision of the family Ameroseiidae (Acari, Mesostigmata), with some data on Slovak fauna. - ZooKeys 704: 1-228

Medici de Mattos, I. / Soares, A.E.E. / Tarpy, D.R. (2017):* Effects of synthetic acaricides on honey bee grooming behavior against the parasitic *Varroa destructor* mite. - Apidol. 48,4: 483-494

Moghadasi, M. / Allahyari, H. (2017):* Effect of prey and pollen on interactions between *Typhlodromus bagdasarjani* and *Phytoseiulus persimilis* (Acari, Phytoseiidae) on cucumber (Cucurbitaceae). - Can. Entomol. 149,5: 581-591

Mojahed, S. / Hajizadeh, J. / Hosseini, R. / Ahadiyat, A. (2017): Contribution to the Pachylaelapidae (Acari: Mesostigmata) fauna in some parts of Guilan province of Iran. - Persian J. Acarol. 6,4: 269-285

Mul, M.F. / Van Riel, J.W. / Roy, L. / Zoons, J. / Andre, G. / George, D.R. / Meerburg, B.G. / Dicke, M. / Van Mourik, S. / Koerkamp, P.W.G.G. (2017): Development of a model forecasting *Dermanyssus gallinae*'s population dynamics for advancing integrated pest management in laying hen facilities. - Veter. Parasitol. 245: 128-140

Murillo, A.C. / Mullens, B.A. (2017):* A review of the biology, ecology, and control of the northern fowl mite, *Ornithonyssus sylviarum* (Acari: Macronyssidae). - Veter. Parasitol. 246: 30-37

N'Dri, J.K. / Seka, F.A. / Pokou, P.K. / N'Da, A.G. / Lagerlöf, J. (2017): Abundance and diversity of soil mite (Acari) communities after conversion of tropical secondary forest into rubber plantations in Grand-Lahou, Cote d'Ivoire. - Ecol. Res. 32,6: 909-919

Nehring, V. / Müller, J.K. / Steinmetz, N. (2017): Phoretic *Poecilochirus* mites specialize on their burying beetle hosts. - Ecol. Evol. 7: 10743-10751

Neuhaus, B. / Schmid, T. / Riedel, J. (2017): Collection management and study of microscope slides: Storage, profiling, deterioration, restoration procedures, and general recommendation. - Zootaxa 4322 (1): 1-173

Octaviano-Salvadé. C.E. / Leher, C.E. / De Jong, D. / Pinto, P.M. / Delgado-Canedo, A. / Boldo, J.T. (2017):* A scientific note on genetic profile of the mite *Varroa destructor* infesting apiaries in Rio Grande do Sul state, Brazil. - Apidol. 48,5: 621-622

Odaka, M. / Ogino, K. / Shikada, M. / Asada, K. / Kasa, S. / Inoue, T. / Maeda, K. (2017):* Correlation between the proportion of stained eggs and the number of mites (*Dermanyssus gallinae*) monitored using a "non-parallel board trap". - Anim. Sci. J. 88,12: 2077-2083

Orlova, M.V. / Kazakov, D.V. (2017): Description of males of two macronyssid mite species (Mesostigmata, Gamasina, Macronyssidae) parasitizing the siberian tube-nose bat *Murina hilgendorfi* (Chiroptera, Vespertilionidae). - Acarina 25,2: 165-170

Orlova, M.V. / Kazakov, D.V. / Orlov, O.L. / Mishchenko, V.A. / Zhigalin, A.V. (2017): The first data on the infestation of the parti-coloured bat, *Vespertilio murinus* (Chiroptera, Vespertilionidae), with gamasid mites, *Steatonyssus spinosus* (Mesostigmata, Gamasina, Macronyssidae). - Russian J. Theriol. 16,1: 66-73

Orlova, M.V. / Orlov, O.L. / Kazakov, D.V. / Zhigalin, A.V. (2017): Approaches to identification of ectoparasite complexes of bats (Chiroptera, Vespertilionidae, Miniopteridae, Rhinolophidae, Molossidae) in the Palaearctic. - Entomol. Rev. 97,5: 684-701 published in Zool. Zh., 2017, 96,7: 850-868 [Orig. Russ.]

Özbek, H.H. (2017): A review of the macrochelid mites of Turkey (Acari, Macrochelidae), with new records and descriptions of three new species. - Zootaxa 4317 (3): 559-572

Özbek, H.H. (2017): A new species of the genus *Pachydellus* (Acari: Pachylaelapidae) from Giresun Province in Turkey, with some notes on pachylaelapid mites in Turkey. - Intern. J. Acarol. 43,7: 552-556

Patel, K. / Zhang, Z.-Q. (2017):* Prey preference and reproduction of predatory mites, *Amblydromalus limonicus* and *Neoseiulus cucumeris*, on eggs and 1st instar nymphs of the tomato / potato psyllid. - Intern. J. Acarol. 43,6: 468-474

Patel, K. / Zhang, Z.-Q. (2017): Functional and numerical responses of *Amblydromalus limonicus* and *Neoseiulus cucumeris* to eggs and first instar nymph of tomato/potato psyllid (*Bactericera cockerelli*). - Syst. Appl. Acarol. 22,9: 1476-1488

Pekas, A. / Wäckers, F.L. (2017): Multiple resource supplements synergistically enhance predatory mite populations. - Oecologia 184: 479-484

Pennington, T. / Kraus, C. / Alakina, E. / Entling, M.H. / Hoffmann, C. (2017): Minimal pruning and reduced plant protection promote predatory mites in grapevine. - Insects 8,3: art.nr. 86, DOI: 10.3390/insects8030086

Pezzi, M. / Leis, M. / Chicca, M. / Roy, L. (2017):* Gamasoidosis caused by the special lineage L1 of *Dermanyssus gallinae* (Acarina, Dermanyssidae): A case of heavy infestation in a public place in Italy. - Parasitol. Intern. 66,5: 666-670

Pfliegler, W.P. / Schönhofer, A. / Niedbala, W. / Vella, P. / Sciberras, A. / Vella, A. (2017): New records of mites (Acari) and harvestmen (Opiliones) from Malta with a preliminary checklist of Maltese Arachnida. - Soil Organisms 89,2: 85-110

Pijnakker, J. / Arijs, Y. / Vangansbeke, D. / Wäckers, F. (2017):* A food supplement for the predatory mite *Iphiseius degenerans* (Berlese) in sweet pepper crops. - IOBC-WPRS Bull. 124: 166-172

Prasad, V. (2017): *Hemipteroseius vikrami* Menon: a junior synonym of *H. indicus* (Krantz & Khot) (Acari, Otopheidomenidae) with comments on the sigilla of the dorsal shield. - Persian J. Acarol. 6,3: 143-160

Premrov Bajuk, B. / Babnik, K. / Snoj, T. / Milcinski, L. / Pislak Ocepek, M. / Skof, M. / Jencic, V. / Filazi, A. / Stajnbaher, D. / Kobal, S. (2017):* Coumaphos residues in honey, bee brood, and beeswax after *Varroa* treatment. - Apidol. 48,5: 588-598

Ramzi, H. / Ismaili, M.R. / Aberchane, M. / Zaanoun, S. (2017):* Chemical characterization and acaricidal activity of *Thymus satureioides* C. & B. and *Origanum elongatum* E. & M. (Lamiaceae) essential oils against *Varroa destructor* Anderson & Trueman (Acari, Varroidae). - Ind. Crops Prod. 108: 201-207

Rasolofoarivao, H. / Clémencet, J. / Speck, A. / Raveloson-Ravaomanarivo, L.H. / Reynard, B. / Delatte, H. (2017):* Genetic diversity of *Varroa destructor* parasitizing *Apis mellifera unicolor* in Madagascar. - Apidol. 48,5: 648-656

Reichert, M.B. / Toldi, M. / Rode, P.A. / Ferla, J.J. / Ferla, N.J. (2017): Biological performance of the predatory mite *Neoseiulus idaeus* (Phytoseiidae): a candidate for the control of tetranychid mites in Brazilian soybean crops. - Braz. J. Biol. 77,2: 361-366

Riahi, E. / Fathipur, Y. / Talbi, A.A. / Mehrabadi, M. (2017):* Attempt to develop cost-effective rearing of *Amblyseius swirskii* (Acari, Phytoseiidae): assessment of different artificial diets. - J. Econ. Entomol. 110,4: 1525-1532

Rodriguez-Cruz, F.A. / Janssen, A. / Pallini, A. / Alfenas Duarte, M.V. / Ferreira Pinto, C.M. / Venzon,M. (2017): Two predatory mite species as potential control agents of broad mites. - BioControl 62: 505-513

Roy, L. / El Adouzi, M. / Moraza, M.L. / Chiron, G. / De Janti, E.V. / Le Peutrec, G. / Bonato, O. (2017):* Arthropod communities of laying hen houses: An integrative pilot study toward conservation biocontrol of the poultry red mite *Dermanyssus gallinae*. - Biol. Contr. 114: 176-194

Sabahi, Q. / Gashout, H. / Kelly, P.G. / Guzman-Novoa, E. (2017): Continuous release of oregano oil effectively and safely controls *Varroa destructor* infestations in honey bee colonies in a northern climate. - Exp. Appl. Acarol. 72,3: 263-275

Saemi, S. / Rahmani, H. / Kavosi, A. / Chi, H. (2017):* Group-rearing did not affect the life table and predation rate of *Phytoseiulus persimilis* (Acari, Phytoseiidae) fed on *Tetranychus urticae*. - Syst. Appl. Acarol. 22,10: 1698-1714

Saito, T. / Brownbridge, M. (2017):* From promising, to product: Developmental steps and challenges to bring a new predatory mite to market. - IOBC-WPRS Bull. 124: 195-199

Santos, J.C. / Imeuda, P.F. / De Moraes, G.J. (2017): Two new species of *Cheiroseius* Berlese (Acari, Blattisociidae), with a key for identification of the species from Brazil. - Zootaxa 4324 (1): 108-120

Schausberger, P. / Walzer, A. / Murata, Y. / Osakabe, M. (2017): Low level of polyandry constrains phenotypic plasticity of male body size in mites. - PLOS ONE 12,11: e0188924; 17 pp. DOI: 10.1371/journal.pone.0188924

Schuppenhauer, M.M. / Lehmitz, R. (2017): Floating Islands: A method to detect aquatic dispersal and colonisation potential of soil microarthropods. - Soil Organisms 89,2: 119-126

Seiedy, M. / Moezipour, M. (2017): The entomopathogenic fungus *Beauveria bassiana* and its compatibility with *Phytoseiulus persimilis* (Acari, Phytoseiidae): Effects on *Tetranychus urticae* (Acari, Tetranychidae). - Persian J. Acarol. 6,4: 329-338

Sengul, M. / Kacar, N. / Karaca, M. / Oner, S.Z. / Ergin, C. (2017): A case with scalp pruritus caused by *Dermanysus gallinae* (Order: Mesostigmata). - Mikrobiyol. Bul. 51,3: 293-298

Shen, X.-Q. / Zhang, Y.-N. / Li, T. / Jiang, J.Y.Q. / Zhang, J.P. (2017):* Toxicity of three acaricides to the predatory mite, *Neoseiulus bicaudus* (Acari, Phytoseiidae) and their impact on the functional response to *Tetranychus turkestani* (Acari, Tetranychidae). - J. Econ. Entomol. 110,5: 2031-2038

Shimoda, T. / Kagawa, Y. / Mori, K. / Hinomoto, N. / Hiraoka, T. / Nakajima, T. (2017): A novel method for protecting slow-release sachets of predatory mites against environmental stresses and increasing predator release to crops. - BioControl 62: 495-503

Stanimirovic, Z. / Glavinic, U. / Lakic, N. / Radovic, D. / Ristanic, M. / Taric, E. / Stevanovic, J. (2017): Efficacy of plant-derived formulation "Argus ras" in *Varroa destructor* control. - Acta Veterinaria - Beograd 67,2: 191-200

Stirling, G.R. / Stirling, A.M. / Walter, D.E. (2017):* The mesostigmatid mite *Protogamasellus mica*, an effective predator of free-living and plant-parasitic nematodes. - J. Nematol. 49,3: 327-333

Sugawara, R. / Ullah, M.S. / Ho, C.-C. / Chi, H. / Gotoh, T. (2017): Temperature-dependent demography of two closely related predatory mites *Neoseiulus womersleyi* and *N. longispinosus* (Acari, Phytoseiidae). - J. Econ. Entomol. 110,4: 1533-1546

Thomas, E. / Chiquet, M. / Sander, B. / Zschiesche, E. / Flochlay, A.S. (2017): Field efficacy and safety of fluralaner solution for administration in drinking water for the treatment of poultry red mite (*Dermanyssus gallinae*) infestations in commercial flocks in Europe. - Parasites & Vectors 10,457: 9 pp. DOI: 10.1186/s13071-017-2390-3

Toldi, M. / Cardoso Faleiro, D.C. / Da Silva, G.L. / Ferla, N.J. (2017): Life cycle of the predatory mite *Cheyletus malaccensis* (Acari, Cheyletidae) fed on poultry red mite *Dermanyssus gallinae* (Acari: Dermanyssidae). - Syst. Appl. Acarol. 22,9: 1422-1430

Trach, V. / Khaustov, A. (2017): Redescription of adults and description of juvenile stages of bark beetle-associated mite *Cercoleipus kuznetsovi* Khaustov, 1997 (Acari: Mesostigmata, Cercomegistidae). - Syst. Appl. Acarol. 22,10: 1733-1747

Trach, V.A. / Khaustov, A.A. (2017): Mites of the genus *Proctolaelaps* Berlese, 1923 (Acari, Mesostigmata, Melicharidae) associated with brak beetles in Asian Russia. - Acarina 25,2: 151-163

Tung, N.C. / Huyen, L.T. / Lan, D.H. / Chi, C.V. / De Clercq, P. / Dinh, N.V. (2017):* Life table parameters and development of *Neoseiulus longispinosus* (Acari, Phytoseiidae) reared on citrus red mite, *Panonychus citri* (Acari, Tetranychidae) at different temperatures. - Syst. Appl. Acarol. 22,9: 1316-1326

Ullah, M.S. / Lim, U.T. (2017):* Laboratory evaluation of the effect of *Beauveria bassiana* on the predatory mite *Phytoseiulus persimilis* (Acari, Phytoseiidae). - J. Invertebr. Path. 148: 102-109

Urhan, R. / Duran, E.H. (2017): Three new species of Zerconidae (Acari: Mesostigmata) from Turkey. - Zoology in the Middle East 63,3: 269-276

Urhan, R. / Duran, E.H. / Karaca, M. (2017): First records of males and nymphs of *Zercon cabylus* Athias-Henriot, 1961 from Turkey. [Orig. Turk.] - NOBEL Res. J. Biol. Sci. 10,2: 36-41

Van Houten, Y.M. / Hoogerbrugge, H. / Knapp, M. / Van Schaijk, M. / Groot, T.V.M. (2017):* Ways to improve biocontrol of tomato russet mites using predatory mites. - IOBC-WPRS Bull. 124: 189-194

Vangansbeke, D. / Pijnakker, J. / Arijs, Y. / Wäckers, F. (2017):* Thrips egg predation by phytoseiids: an overlooked pest control mechanism. - IOBC-WPRS Bull. 124: 184-188

Vela, J.M. / Wong, E. / Jaques, J.A. / Ledesma, C. / Boyero, J.R. (2017): Mite diversity (Acari: Tetranychidae, Tydeidae, Iolinidae, Phytoseiidae) and within-tree distribution in citrus orchards in southern Spain, with special reference to *Eutetranychus orientalis*. - Exp.

Appl. Acarol. 73,2: 191-207

Vila, E. / Mar Morales, M. / Parra, A. (2017):* Prey mites as an in-crop food: an innovative strategy to enhance biocontrol on C*hrysanthemums*. - IOBC-WPRS Bull. 124: 178-183

Waap, H. / Paulino, D. / Cardoso, R. (2017): Occurrence of *Ornithonyssus sylviarum* in pet birds from the district of Setúbal, Portugal. - Parasitol. Res. 116: 2041-2046

Wang, C.-H. / Hosomi, A. / Suzuki, T. / Ullah, M.S. / Gotoh, T. (2017):* Different responses to hypobaria between spider mites and a predatory mite. - Intern. J. Acarol. 43,7: 534-539

Witalinski, W. (2017): A new species of *Trachygamasus* from Poland, a new definition of the genus, and a key to the world species (Parasitiformes: Parasitidae). - Zootaxa 4303 (3): 407-416

Zanardi, O.Z. / Bordini, G.P. / Franco, A.A. / Jacob, C.R.O. / Yamamoto, P.T. (2017): Sublethal effects of pyrethroid and neonicotinoid insecticides on *Iphiseiodes zuluagai* Denmark and Muma (Mesostigmata: Phytoseiidae). - Ecotoxicol. 26,9: 1188-1198

Zaobidna, E.A. / Zółtowska, K. / Łopieńska-Biernat, E. (2017):* *Varroa destructor* induces changes in the expression of immunity-related genes during the development of *Apis mellifera* worker and drone broods. - Acta Parasitol. 62,4: 779-789

Zhang, X.-F. / Yi, T.-C. / Guo, J.-J. / Jin, D.-C. (2017): A new species of Schizogyniidae (Mesostigmata, Celaenopsoidea) associated with beetles from China. - Syst. Appl. Acarol. 22,7: 1048-1058

Zheng, Y. / De Clercq, P. / Song, Z.-W. / Li, D.-S. / Zhang, B.-X. (2017): Functional response of two *Neoseiulus* species preying on *Tetranychus urticae* Koch. - Syst. Appl. Acarol. 22,7: 1059-1068

Zmudczynska-Skarbek, K. / Barcikowski, M. / Drobniak, S.M. / Gwiazdowicz, D.J. / Richard, P. / Skubała, P. / Stempniewicz, L. (2017): Transfer of ornithogenic influence through different trophic levels of the Arctic terrestrial ecosystem of Bjørnøya (Bear Island), Svalbard. - Soil Biol. Biochem. 115: 475-489

Publications, additions 2016

Christiansen, I.C. / Schausberger, P. (2016): Benefits and costs of early learning in foraging predatory mites *Amblyseius swirskii*. - IOBC-WPRS Bulletin 120: 5-6

Dittmann, L. / Walzer, A. / Schausberger, P. (2016): Population-specific cold tolerance of the predatory mite *Amblydromalus limonicus*. - IOBC-WPRS Bulletin 120: 10-12

Gerdeman, B.S. / Garcia, R. / Tanigoshi, L. (2016): Innovative small-scale rearing methods for controlling mite pests with native predatory mites in tropical high elevation strawberry. - IOBC-WPRS Bull. 120: 13-14

Goggioli, D. / Tarchi, F. / Guidi, S. / Benuzzi, M. / Gagnarli, E. / Barzanti, G.P. / Simoni, S. (2016): A study case on the effect of germination polarity of conidia in two strains of *Beauveria bassiana* on *Neoseiulus californicus* and *Tetranychus urticae*. - IOBC-WPRS Bull. 120: 15-20

Honey, S.F. / Duncan, R.E. / Rios, L.A. / Pena, J.E. / Carrillo, D. (2016): Biological control of mites affecting *Carica papaya* in Florida. - IOBC-WPRS Bull. 120: 24-26

Joharchi, O. / Shahedi, A. (2016): A new species of *Hypoaspis* Canestrini (Acari, Mesostigmata, Laelapidae) associated with *Oryctes* sp. (Coleoptera, Scarabaeidae) in Iran. - ZooKeys 574: 105-112

Kalúz, S. (2016): Mites (Acari) in the soil of the moss and plants of Kováčovské kopce (Burda). [Orig. Slovak.] - Entomofauna carpathica 28,2: 37-44

Messelink, G.J. / Bloemhard, C. / Holstein-Saj, R. / Leman, A. / Grosman, A. (2016): Bringing the idea of top layers for supporting predatory mites into practice: experiences from various greenhouse cropping systems. - IOBC-WPRS Bulletin 120: 30-31

Monzo, C. / Stansly, P.A. (2016): Consequences of Asian citrus psyllid intensive insecticide management strategies on phytoseiid mite assemblages. - IOBC-WPRS Bulletin 120: 32-35

Navajas, M. (2016): Plant pest invasions: Colonization, impact, predictions and management. - IOBC-WPRS Bulletin 120: 36-37

Navia, D. / Querino da Silva, R.B. / De Souza Nery,

R. / Vivian, R. / Ferragut, F. (2016): Phytophagous and predatory mites in the soybean-cowpea succession cropping system in Brazil - associations could promote sustainability? - IOBC-WPRS Bulletin 120: 38-42

Orlova, M.V. / Kazakov, D.V. (2016): New findings of rare species of the mite genus *Spinturnix* von Heyden, 1826 (Mesostigmata, Gamasina, Spinturnicidae) in Russia and Tajikistan. - Entomol. Rev. 96,7: 922-925 published in Parazitologiya, 2016, 50,5: 404-408 [Orig. Russ.]

Orlova, M.V. / Kazakov, D.V. / Zakhahrov, E.S. / Troeva, I.S. / Vladimirov, L.N. (2016): The first data on bat ectoparasites (Acarina, Insecta) in the Baikal region and Yakutia (eastern Siberia). - Check List 12,4: 1943; 7 pp. DOI: 10.15566/12.4.1943

Özbek, H.H. / Gwiazdowicz, D.J. (2016): First record of family Celaenopsidae Berlese (Acari: Mesostigmata) from Turkey. - Erzincan Univ. J. Sci. Technol. 9,2: 107-110

Pijnakker, J. / Arijs, Y. / De Souza, A. / Celier, M. / Wäckers, F. (2016): The use of *Typha angustifolia* (cattail) pollen to establish the predatory mites *Amblyseius swirskii*, *Iphiseius degenerans*, *Euseius ovalis* and *Euseius gallicus* in glasshouse crops. - IOBC-WPRS Bulletin 120: 47-54

Pijnakker, J. / Arijs, Y. / De Souza, A. / Wäckers, F. (2016): The polyphagous mite *Euseius gallicus* (Kreiter & Tixier): A new predator able to persist in glasshouse roses. - IOBC-WPRS Bulletin 120: 45-46

Pozzebon, A. / Loeb, G.M. / Duso, C. (2016): Effects of supplemental food and habitat structural complexity on generalist predatory mites inhabiting grapevine. - IOBC-WPRS Bulletin 120: 55-56

Samaras, K. / Pappas, M.L. / Broufas, G.D. (2016): Assessing environmental risk of an exotic biocontrol agent: direct effects of *Amblydromalus limonicus* on the native phytoseiids *Euseius finlandicus* and *E. stipulatus*. - IOBC-WPRS Bulletin 120: 57-58

Seiter, M. / Schausberger, P. (2016): Predatory mite mothers prime their offspring to behave more optimally in intraguild predation environments. - IOBC-WPRS Bulletin 120: 59-61

Stojnic, B. / Mladenovic, K. / Maric, I. / Marcic, D. (2016): Spider mites and predatory mites (Acari: Tetranychidae, Phytoseiidae) on plum, cherry plum and blackthorn (*Prunus* spp.) in Serbia. - IOBC-WPRS Bulletin 120: 62-64

Torres-Campos, I. / Sahun, R.M. / Montserrat, M. (2016): Abiotic conditions modify the trophic structure in the predator - prey avocado mite community. - IOBC-WPRS Bulletin 120: 65-67

Vangansbeke, D. / Gobin, B. / Tirry, L. / De Clercq, P. (2016): Are larger phytoseiids better biocontrol agents? - IOBC-WPRS Bulletin 120: 73-78

Vangansbeke, D. / Gobin, B. / Tirry, L. / De Clercq, P. (2016): Can we get phytoseiids to like *Echinothrips americanus*? - IOBC-WPRS Bulletin 120: 79-80

Vangansbeke, D. / Robyn, D. / Pijnakker, J. / Witters, J. / Tirry, L. / De Clercq, P. (2016): *Euseius gallicus*: evidence of thrips egg predation by a phytoseiid predator. - IOBC-WPRS Bulletin 120: 81-82

Vila, E. / Salman, E.B. / Parra, A. (2016): Complementary diets for predatory mites to improve biocontrol on vegetable crops. - IOBC-WPRS Bulletin 120: 83-84

Walzer, A. / Dittmann, L. / Schausberger, P. (2016): Comparison of three *Amblydromalus limonicus* populations regarding their potential to overcome abiotic resistance of Austrian ecosystems under climate warming scenarios. - IOBC-WPRS Bulletin 120: 85-86

Walzer, A. / Osakabe, M. / Murata, Y. / Schausberger, P. (2016): Male body size effects on mating behaviour and paternity success in polyandrous *Phytoseiulus persimilis* and *Neoseiulus californicus*. - IOBC-WPRS Bulletin 120: 87-88

Warburg, S. / Gal, S. / Palevsky, E. (2016): Identifying and evaluating plant feeding phytoseiids for pest control in orchard systems - a tricky business. - IOBC-WPRS Bulletin 120: 89-90

Publications, additions 2015

Bagheri Kordeshami, A. / Khajehali, J. / Nemati, A. (2015): Some edaphic mesostigmatic mites from Lordegan, Chaharmahal Bakhtiari province with their world distribution. - J. Crop. Prot. 4,4: 589-604

Demite, P.R. / Feres, R.J.F. / Lofego, A.C. (2015): Influence of agricultural environment on the plant mite

community in forest fragments. - Braz. J. Biol. 75,2: 396-404

Karaca, M. / Urhan, R. (2015): The diversity of zerconid mites (Acari, Zerconidae) in Giresun province, with a new record for the Turkish fauna. - Opusc. Zool. Budapest 46,2: 199-209

Krawczyk, A.J. / Augustinicová, G. / Gwiazdowicz, D.J. / Konwerski, S. / Kucharczyk, H. / Olejniczak, I. / Rutkowski, T. / Skubala, P. / Solarz, K. / Zdrojewska, Z. / Tryjanowski, P. (2015): Nests of the harvest mouse (*Micromys minutus*) as habitat for invertebrates. - Biologia 70,12: 1637-1647

Nuvoloni, F.M. / Lofego, A.C. / Marcos, J. (2015): Phytoseiidae mites associated with *Hevea* spp. from the Amazon region: a hidden diversity under the canopy of native trees. - Syst. Biodivers. 13,2: 182-206

Orlova, M.V. / Orlov, O. / Zhigalin, A.V. / Mishchenko, V. (2015):* Comparative analysis of vespertilionid bats' (Chiroptera, Vespertilionidae) infestation with gamasid mites of the genus *Macronyssus* Kolenati, 1858 during hibernation in the Urals and Western Siberia. - Zool. & Ecol. 25,4: 314-318

Orlova, M.V. / Stanyukovich, M.K. / Orlov, O.L. (2015): Gamasid mites (Mesostigmata, Gamasina) parazitizing bats (Chiroptera, Rhinolophidae, Vespertilionidae, Molossidae) of palaearctic boreal zone (Russia and adjacent countries). Scient. Ed. A.S. Babenko. - Publ. House Tomsk State Univ.: 1-150

Orlova, M.V. / Zhigalin, A.V. (2015): Three new bat ectoparasite species of the genus Macronyssus from Western Siberia (with an identification key for females of the genus Macronyssus from the Palearctic boreal zone). - J. Parasitol. 101,3: 314-319

Orlova, M.V. / Zhigalin, A.V. / Khritankov, A.M. (2015): New findings of bat (Chiroptera, Vespertilionidae) ectoparasites in Southern Siberia. - Entomol. Rev. 95,5: 681-686

Orlova, M.V. / Zhigalin, A.V. / Orlov, O.L. / Kruskop, S.V. / Bogdanov, I.I. (2015): Contribution to the ectoparasite fauna of rare and poor studied bat species of Southern Siberia. - Biol. Bull. 42,3: 254-259 published in Izv. Akad. Nauk, Ser. Biol., 2015, 3: 310-315 [Orig. Russ.]

Orlova, M.V. / Zhigalin, A.V. / Zhigalina, D.I. (2015): Parasitic gamasid mites (Acari, Mesostigmata) associated with bats (Chiroptera, Vesptertilionidae) on Kunashiri Island, with a description of a new species *Spinturnix uchikawai* sp. nov.. - Acta Arachnol. 64,1: 27-31

Urhan, R. / Karaca, M. / Kizilkaya, E. (2015): Stratonikeia Antik Kenti (Yatagan-Mugla) ve Çevresinin Faunasi. In: Sögüt, B. (Ed.), Stratonikeia ve Çevresi Arastirmalari. - Stratonikeia Calismalari 1: 301-316

Publications, additions 2014

Karaca, M. / Urhan, R. (2014): Contributions with new records to zerconid mite fauna of Turkey (Acari: Zerconidae). - Türk. entomol. bült. 4,3: 147-155

Moreira, G.F. (2014): Taxonomic studies of laelapid mites (Acari, Mesostigmata, Laelapidae) and their use in combination with entomopathogenic nematodes (Rhabditida, Steinernematidae, Heterorhabditidae) to control *Frankliniella occidentalis* (Thysanoptera, Thripidae). - Tese (doutorado), UNESP, Faculdade de Ciencias Agrárias e Veterinárias, Jaboticabal: 1-522

Nuvoloni, F.M. / Lofego, A.C. / Rezende, J.M. / Feres, R.J.F. (2014):* Phytoseiidae mites associated with *Hevea* spp. from the Amazon region: a hidden diversity under the canopy of native trees. - Syst. Biodivers. 13,2: 182-206

Orlova, M.V. (2014): Invasion of specific ectoparasites of siberian-far eastern bat species to the Urals. - Russ. J. Biol. Invasions 5,1: 29-31 published in Rossiiskii Zh. Biol. Invasii, 2013, 4: 44-48 [Orig. Russ]

Orlova, M.V. / Orlov, O.L. / Zhigalin, A.V. (2014): New records of ectoparasites of the eastern water bat *Myotis petax* Hollister, 1912 (Vespertilionidae, Chiroptera) and the revision of the material previously collected from *Myotis daubentonii* s. lato in the Eastern Palaearctic. - Entomol. Rev. 94,9: 1306-1312 published in Parazitologiya, 2014, 48,4: 315–324 [Orig. Russ.]

Publications, additions 2013

Joharchi, O. / Saboori, A. (Eds.). (2013): The Second International Persian Congress of Acarology. Program & Abstract book. - 29-31 August 2013, Karaj: 1-85

Kalúz, S. / Ferencik, J. / Vrabec, M. (2013): Study sites influenced by natural and human impacts in TANAP and their acarofauna. - Entomofauna carpathica 25,1: 1-12

Kalúz, S. / Vidlicka, L. / Vrabec, M. (2013): Matrix habitat of spruce forest after destructive impact and its fauna of soil mites (Acari). - Entomofauna carpathica 25,2: 41-52

Klarner, B. (2013): Changes in trophic structure of decomposer communities with land use in Central European temperate forests. - Dissertation, math.-naturwiss. Fak. G.-August-Univ. Göttingen: 122 pp.

Kontschán, J. / Ujvári, Z. (2013): A Dunántúli-Középhegység szabadon élő korongatkái és nyűgatkái (Acari: Mesostigmata: Uropodina, Gamasina, Sejina és Antennophorina). - A Bakony Természettudományi Kutatásának Eredményei 32: 116 pp.

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:

Macrocheles kekensis Kontschán, 2018 (Page: 98[1]) – TYPES: HT[2] + PT[2] - HNHM[3], PT[2] - MHNG[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

ACISTE - **A**carological **C**ollection, **I**nstitute of **S**cience and High **T**echnology and **E**nvironmental Sciences, Graduate University of Advanced Technology, Kerman, 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

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

CMVO - **C**ollection **M**aria **V**. **O**rlova, Omsk, Russia

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

CUB - **C**omenius **U**niversity, Faculty of Sciences, Department of Zoology, **B**ratislava, Slovakei

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

DZSJRP - **D**epartamento de **Z**oologia, Campus de **S**.**J**. do **R**io **P**reto, Universidade Estadual Paulista, Sao Paulo, Brazil

EAO - **E**mbrapa **A**mazonia **O**riental, Belém, Pará State, 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

GIABR - **G**uangdong **I**nstitute of **A**pplied **B**iological **R**esources, Guangzhou, P.R. China

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

HU - **H**ainan **U**niversity, Haikou, Republic of China

ICN - **I**nstituto de **C**iencias **N**aturales de la Universidad Nacional de Colombia, Bogotá, Colombia

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

INPA - **I**nstituto **N**acional de **P**esquisas da **A**mazonia, Manaus, Brazil

IPV - **I**nstitute of **P**athogens and **V**ectors, Dali University, Dali, P.R. China

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

IZNASU - **I**nstitute of **Z**oology, **N**ational **A**cademy of **S**ciences of the **U**kraine, Kiev, Ukraine

IZSAS - **I**nstitute of **Z**oology, **S**lovak **A**cademy of **S**ciences, Bratislava, Slovakia

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

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

MCN - **M**useu de **C**iencias **N**aturais da Univates Centro Universitário, Lajeado, Brazil

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

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

MMAO - **M**useum of **M**edical **A**rachnoentomology, **O**msk Research Institute of Feral Herd Infection, Omsk, Russia

MNCN - **M**useo **N**acional de **C**iencias **N**aturales, Madrid, Spain

MZUC - **M**useo de **Z**oologia **U**niversidad de **C**oncepción, Concepción, Chile

MZUNAV - **M**useum of **Z**oology, **U**niversity of **NAV**arra, Pamplona, Spain

NBPBC - **N**ational **B**ase of **P**lague and **B**rucellosis **C**ontrol, Baicheng City, Jilin Province, P.R. China

NHML - **N**atural **H**istory **M**useum, Department of Entomology, **L**ondon, United Kingdom

NMNST - **N**ational **M**useum of **N**ature and **S**cience, **T**sukuba, Japan

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, **D**epartment of **Z**oology, Odessa, Ukraine

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

PMANU - Department of **P**lant **M**edicine, **A**ndong **N**ational **U**niversity, Andong, Republic of Korea

QM - **Q**ueensland **M**useum, South Brisbane, Queensland, Australia

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

UESC - **U**niversidade **E**stadual de **S**anta **C**ruz, Laborátoria de Entomologia, Ilhéus, Bahia, Brazil

UNESP - **UN**iversidade **ES**tadual **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

ZMJU - **Z**oological **M**useum of the **J**agiellonian **U**niversity, Cracow, Poland

ZMTSU - **Z**oological **M**useum of National Research, **T**omsk **S**tate **U**niversity, Tomsk, Russia

New species

Afrodacarellus alagoensis Santos & Castilho, 2017 (Page: 410) – TYPES: HT + PT – ESALQ/USP

Afrodacarellus xucurukariri Santos & Castilho, 2017 (Page: 414) – TYPES: HT + PT – ESALQ/USP

Aheatherella mira Seeman, Minor, Baker & Walter, 2018 (Page: 452) – TYPES: HT + PT - NZAC, PT - QM

Amblydromalus akiri Nuvoloni, Lofego & Marcos, 2015 (Page: 186) – TYPES: HT + PT - DZSJRP, PT - ESALQ/USP

Amblyseius bengalensis Karmakar, Bhowmik & Sherpa, 2017 (Page: 42) – TYPES: HT + PT - NZC

Amblyseius brachycalyx Karmakar, Bhowmik & Shepa, 2017 (Page: 44) – TYPES: HT + PT - NZC

Amblyseius chicomendesi Nuvoloni, Lofego & Marcos, 2015 (Page: 189) – TYPES: HT + PT - DZSJRP, PT - ESALQ/USP

Amblyseius comulus Karmakar, Bhowmik & Sherpa, 2017 (Page: 46) – TYPES: HT + PT - NZC

Amblyseius dahliae Karmakar, Bhowmik & Sherpa, 2017 (Page: 40) – TYPES: HT + PT - NZC

Amblyseius duckei Nuvoloni, Lofego & Marcos, 2015 (Page: 191) – TYPES: HT + PT - INPA, PT - DZJRP

Amblyseius manauara Nuvoloni, Lofego & Marcos, 2015 (Page: 191) – TYPES: HT + PT - INPA, PT - DZSJRP

Amblyseius parbatabasii Karmakar, Bhowmik & Shepa, 2017 (Page: 48) – TYPES: HT + PT - NZC

Ameroseius renatae Masán, 2017 (Page: 50) – TYPES: HT + PT - IZSAS

Anadenosternum okalii Hrúzová, Masán & Fenda, 2017 (Page: 438) – TYPES: HT + PT - IZSAS, PT - CUB

Asperoseius jujubae Karmarkar & Bhowmik, 2018 (Page: 62) – TYPES: HT + PT - NZC

Asperoseius latericulus Karmarkar & Bhowmik, 2018 (Page: 60) – TYPES: HT + PT - NZC

Cheiroseius luizgonzagai Santos, Imseuda & Moraes, 2017 (Page: 109) – TYPES: HT + PT - ESALQ/USP

Cheiroseius xerophilus Santos, Imeuda & Moraes, 2017 (Page: 115) – TYPES: HT + PT - ESALQ/USP

Cosmolaelaps pronex Silva, Moreira & Oliveira, 2018 (Page: 14) – TYPES: HT + PT - ESALQ/USP, PT - UESC, DZSJRP

Cosmolaelaps sejongi Keum, Jung & Joharchi, 2017 (Page: 487) – TYPES: HT + PT - PMANU

Eharius karuti Döker, 2018 (Page: 483) – TYPES: HT + PT - ALCU, PT - NHML

Eharius stathakisi Döker, 2018 (Page: 486) – TYPES: HT + PT - ALCU, PT - NHML

Euseius astrictus Karmarkar & Bhowmik, 2018 (Page: 58) – TYPES: HT + PT - NZC

Euseius sundarbanensis Karmarkar & Bhowmik, 2018 (Page: 55) – TYPES: HT + PT - NZC

Gaeolaelaps mirzakhaniae Kazemi & Khalesi, 2018 (in Khalesi & Kazemi 2018, Page: 629) – TYPES: HT + PT - ACISTE, PT - JAZM

Halozercon barguzin Marchenko, 2018 (Page: 348) – TYPES: HT + PT - ISEA, PT - MM

Heatherella osleri Seeman, Minor, Baker & Walter, 2018 (Page: 444) – TYPES: HT + PT - QM, PT - ANIC, CNC, NZAC

Holoparasitus aquilinus Juvara-Bals, 2017 (Page: 230) – TYPES: HT + PT - MHNG

Holoparasitus floriformis Juvara-Bals, 2017 (Page: 235) – TYPES: HT + PT - MHNG

Holoparasitus madridensis Juvara-Bals, 2017 (Page: 226) – TYPES: HT + PT - MHNG

Holoparasitus paralawrencei Juvara-Bals, 2017 (Page: 234) – TYPES: HT + PT - MHNG

Holoparasitus rondai Juvara-Bals, 2017 (Page: 228) – TYPES: HT + PT - MHNG

Holostaspella bidentata Özbek, 2017 (Page: 565) – TYPES: HT + PT - ASFEU

Holostaspis mooni Keum, Jung & Joharchi, 2017 (Page: 491) – TYPES: HT + PT - PMANU

Honduriella mcmurtryi Demite, 2018 (Page: 333) – TYPES: HT + PT - ESALQ/USP, PT - INPA, UNESP

Hypoaspis longicaudus Keum, Jung & Joharchi, 2017 (Page: 495) – TYPES: HT + PT - PMANU

Hypoaspis surenai Joharchi & Shahedi, 2016 – TYPES: HT + PT - YIAU, PT- JAZM, ANIC

Iphiseiodes katukina Nuvoloni, Lofego & Marcos, 2015 (Page: 195) – TYPES: HT + PT - INPA, PT - DZSJRP

Iphiseiodes noronhensis Da-Costa, Silva & Ferla, 2017 (Page: 1490) – TYPES: HT + PT - ESALQ/USP, MCN, EAO

Iphiseiodes raucuara Nuvoloni, Lofego & Marcos, 2015 (Page: 195) – TYPES: HT + PT - DZSJRP

Jedediella hoffmanni Kontschán, 2017 (Page: 346) – TYPES: HT + PT - MHNG

Kleemannia dolichochaeta Masán, 2017 (Page: 84) – TYPES: HT - IZSAS

Kleemannia miranda Masán, 2017 (Page: 88) – TYPES: HT + PT - NHML

Kuzinellus bahaensis Kamran, Basahih & Alatawi, 2017 (Page: 545) – TYPES: HT + PT - KSMA

Laelaps jinghaensis Peng & Guo, 2018 (Page: 1281) – TYPES: HT + PT - IPV

Lasioseius cassidini Moraza & Lindquist, 2018 (Page: 69) – TYPES: HT + PT - INBio, PT - CNC, MZUNAV

Lasioseius duobtusisetis Moraza & Lindquist, 2018 (Page: 87) – TYPES: HT + PT - INBio, PT - CNC, MZUNAV

Lasioseius fuscina Moraza & Lindquist, 2018 (Page: 83) – TYPES: HT + PT - INBio, PT - CNC, MZUNAV

Lasioseius serripes Moraza & Lindquist, 2018 (Page: 74) – TYPES: HT + PT - INBio, PT - CNC, MZUNAV

Macrocheles kaiju Knee, 2017 (Page: 20) – TYPES: HT + PT - CNC

Macrocheles kekensis Kontschán, 2018 (Page: 98) – TYPES: HT + PT - HNHM, PT - MHNG

Macrocheles niksarensis Özbek, 2017 (Page: 563) – TYPES: HT + PT - ASFEU

Macrocheles pratum Knee, 2017 (Page: 14) – TYPES: HT + PT - CNC

Macrocheles willowae Knee, 2017 (Page: 8) – TYPES: HT + PT - CNC

Macrodinychus (Monomacrodinychus) derbyensis Brückner, Klompen & Beeren, 2017 (Page: 10) – TYPES: HT + PT - OSAL

Macrodinychus (Monomacrodinychus) hilpertae Brückner, Klompen & Beeren, 2017 (Page: 7) – TYPES: HT + PT - OSAL

Macrodinychus tanduk Kontschán, 2017 (Page: 1269) – TYPES: HT + PT - MHNG

Macronyssus sibiricus Orlova & Zhigalin, 2015 (Page: 314) – TYPES: HT - MMAO, PT - CMVO

Macronyssus stanyukovichi Orlova & Zhigalin, 2015 (Page: 314) – TYPES: HT - MMAO, PT - CMVO

Macronyssus tigirecus Orlova & Zhigalin, 2015 (Page: 317) – TYPES: HT - MMAO, PT - CMVO

Megalolaelaps colossus Cómbita-Heredia & Quintero-Gutiérrez, 2018 – TYPES: HT + PT - ICN, PT - OSAL, ANIC

Myrmozercon patagonicus Trach & Khaustov, 2018 (Page: 42) – TYPES: HT - ONUDZ, PT - MZUC, TSUMZ

Neoseiulella kazaki Döker, 2018 (Page: 114) – TYPES: HT + PT - ALCU

Neoseiulus badalingensis Fang & Wu, 2017 (Page: 1575) – TYPES: HT + PT - GIABR

Neoseiulus goiana Demite, Cavalcante & Lofego, 2017 (Page: 2157) – TYPES: HT + PT - UNESP, PT - ESALQ/USP

Neoseiulus petraeus Ferragut, 2017 (Page: 1587) – TYPES: HT + PT - MNCN

Neoseiulus ponticus Kolodochka & Bondarev, 2017

(Page: 1074) – TYPES: HT - IZNASU

Neoseiulus probatus Kolodochka & Bondarev, 2017 (Page: 1076) – TYPES: HT - IZNASU

Nothrholaspis scutivagus Özbek, 2017 (Page: 560) – TYPES: HT + PT - ASFEU

Oplitis communisimilis Ma, 2017 (Page: 46) – TYPES: HT - NBPBC

Pachydellus giresunensis Özbek, 2017 (Page: 552) – TYPES: HT + PT - ASFEU

Pachylaelaps armiger Masán & Özbek, 2018 (in Özbek & Masán, Page: 486) – TYPES: HT + PT - IZSAS

Phytoseius azorensis Ferragut, 2017 (Page: 1597) – TYPES: HT + PT - MNCN

Phytoseius namkhanaensis Karmarkar & Bhowmik, 2018 (Page: 69) – TYPES: HT + PT - NZC

Scapulaseius moraesi Karmarkar & Bhowmik, 2018 (Page: 50) – TYPES: HT + PT - NZC

Spinturnix uchikawai Orlava, Zhigalin & Zhigalina, 2015 (Page: 28) – TYPES: HT + PT - ZMTSU

Trachygamasus gerdi Witalinski, 2017 (Page: 408) – TYPES: HT + PT - ZMJU

Trachytes virginiana Kontschán, 2017 (Page: 351) – TYPES: HT + PT - MHNG

Typhlodromips igapo Nuvoloni, Lofego & Marcos, 2015 (Page: 200) – TYPES: HT + PT - DZSJRP

Typhlodromus atlanticus Ferragut, 2017 (Page: 1602) – TYPES: HT + PT - MNCN

Typhlodromus (Anthoseius) carambolae Karmarkar & Bhowmik, 2018 (Page: 65) – TYPES: HT + PT - NZC

Typhlodromus (Anthoseius) bawanglingensis Fang, Hao & Wu, 2018 (Page: 926) – TYPES: HT + PT - HU

Typhlodromus floresiensis Ferragut, 2017 (Page: 1605) – TYPES: HT + PT - MNCN

Typhlodromus (Anthoseius) heliotropium Karmarkar & Bhowmik, 2018 (Page: 67) – TYPES: HT + PT - NZC

Typhlodromus (Anthoseius) informibus Fang, Hao & Wu, 2018 (Page: 928) – TYPES: HT + PT - HU

Typhlodromus (Anthoseius) septemporosus Ferragut, 2017 (Page: 1610) – TYPES: HT + PT - MNCN

Vulgarogamasus edurus Negm & Gotoh, 2018 (Page: 380) – TYPES: HT + PT - NMNST

Zercon afyonensis Urhan & Duran, 2017 (Page: 269) – TYPES: HT + PT - DBPU

Zercon karacamehmeti Urhan & Duran, 2017 (Page: 273) – TYPES: HT + PT - DBPU

Zercon soguticus Urhan & Duran, 2017 (Page: 274) – TYPES: HT + PT - DBPU

New genera

Aheatherella Seeman, Minor, Baker & Walter, 2018 (Page: 452) – Typ. sp.: *Aheatherella mira* Seeman, Minor, Baker & Walter, 2018

Pseudoameroseius Masán, 2017 (Page: 113) – Typ. sp.: *Ameroseius michaelangeli* Moraza, 2006

New subgenera

Pachylaelaps (Longipachys) Masán & Özbek, 2018 (in Özbek & Masán 2018, Page: 482) – Typ. sp.: *Pachylaelaps (Longipachylaelaps) anatolicus* Özbek, 2015

New family

Macrodinychidae Kontschán, 2017 (Page: 1268) - Typ. gen.: *Macrodinychus* Berlese, 1916

New combinations

Ameroseiella macrochelae (Westerboer, 1963) – [Masán, 2017: 20]

Ameroseius plumosoides (Gu, Wang & Bai, 1989) –

[Masán, 2017: 96]

Asperolaelaps sextuberculi (Karg, 1996) – [Masán, 2017: 57]

Hattena senaria (Allred, 1970) – [Masán, 2017: 75]

Kleemannia bella (Barilo, 1987) – [Masán, 2017: 80]

Kleemannia bisetae (Karg, 1994) – [Masán, 2017: 81]

Kleemannia curvata (Gu, Wang & Bai, 1989) – [Masán, 2017: 81]

Kleemannia delicata (Berlese, 1918) – [Masán, 2017: 81]

Kleemannia dipankari (Bhattacharyya, 2004) – [Masán, 2017: 83]

Kleemannia elegans (Bernhard, 1963) – [Masán, 2017: 85]

Kleemannia guyimingi (Ma, 1997) – [Masán, 2017: 85]

Kleemannia insignis (Bernhard, 1963) – [Masán, 2017: 86]

Kleemannia longisetosus (Ye & Ma, 1993) – [Masán, 2017: 87]

Kleemannia mineiro (Narita, Bernardi & Moraes, 2013) – [Masán, 2017: 88]

Kleemannia multus (Gu, Wang & Bai, 1989 – [Masan, 2017: 90]

Kleemannia pennata (Fox, 1949) – [Masán, 2017: 92]

Kleemannia pseudoplumosa (Rack, 1972) – [Masán, 2017: 99]

Kleemannia tenella (Berlese, 1916) – [Masán, 2017: 101]

Neocypholaelaps wilsoni (Allred, 1970) – [Masán, 2017: 112]

Pseudoameroseius michaelangeli (Moraza, 2006) – [Masán, 2017: 113]

Sertitympanum nodosum (Sheals, 1962) – [Masán, 2017: 118]

Sertitympanum zaheri (El-Badry, Nasr & Hafez, 1979) – [Masán, 2017: 119]

Sinoseius fossatus (Barilo, 1986) – [Masán, 2017: 121]

New synonyms

Amblygamasus gongzhengdai Bai, 2010 – [Ma, 2016: 96]
= Pergamasus loculatus Tseng, 1995

Afrocypholaelaps analicullus Ho, Ma, Wang & Severinghaus, 2010 – [Masán, 2017: 16]
= Afrocypholaelaps africanus (Evans, 1963)

Afrocypholaelaps ranomafanaensis Haitlinger, 1987 – [Masán, 2017: 16]
= Afrocypholaelaps africanus (Evans, 1963)

Ameroseius apodius Karg, 1971 – [Masán, 2017: 20]
= Ameroseiella macrochelae (Westerboer, 1963)

Ameroseius bregetovae Livshitz & Mitrofanov, 1975 – [Masán, 2017: 106]
= Neocypholaelaps favus Ishikawa, 1968

Ameroseius chinensis Khalili-Moghadam & Saboori, 2016 (Page: 546) – [Masán, 2017: 85]
= Kleemannia guyimingi (Ma, 1997)

Ameroseius crassisetosus Ye & Ma, 1993 – [Masán, 2017: 31]
= Ameroseius corbiculus (Sowerby, 1806)

Ameroseius dubitatus Berlese, 1918 – [Masán, 2017: 96]
= Kleemannia plumosa (Oudemans, 1903)

Ameroseius eumorphus Bregetova, 1977 – [Masán, 2017: 99]
= Kleemannia pseudoplumosa (Rack, 1972)

Ameroseius gilarovi Petrova, 1986 – [Masán, 2017: 94]
= Kleemannia plumigera Oudemans, 1930

Ameroseius fimetorum Karg, 1971 – [Masán, 2017: 101]
= Kleemannia tenella (Berlese, 1916)

Ameroseius imparsetosus Westerboer, 1963 – [Masán, 2017: 40]
= Ameroseius georgei (Turk, 1943)

Ameroseius lanceosetis Livshitz & Mitrofanov, 1975 – [Masán, 2017: 91]
= Kleemannia pavida (C.L. Koch, 1839)

Ameroseius lanatus Solomon, 1969 – [Masán, 2017: 101]
= Kleemannia tenella (Berlese, 1916)

Ameroseius marginalis Fan & Li, 1993 – [Masán, 2017: 86]
= Kleemannia insignis (Bernhard, 1963)

Ameroseius norvegicus (Narita, Abduch & Moraes, 2015) – [Masán, 2017: 31]
= Ameroseius corbiculus (Sowerby, 1806)

Ameroseius pseudofurcatus Livshitz & Mitrofanov, 1975 – [Masán, 2017: 38]
= Ameroseius furcatus Karg 1971

Ameroseius qinghaiensis Li & Yang, 2000 – [Masán, 2017: 31]
= Ameroseius corbiculus (Sowerby, 1806)

Ameroseius sichanensis (sic) Fan & Li, 1993 – [Masán, 2017: 86]
= Kleemannia insignis (Bernhard, 1963)

Ameroseius stramenis Karg, 1976 – [Masán, 2017: 81]
= Kleemannia delicata (Berlese, 1918)

Anadenosternum pediculosum Karg & Glockemann, 1995 – [Hrúzová, Masán & Fenda, 2017: 442]
= Anadenosternum azaleense Daele, 1975

Epicriopsis baloghi Kandil, 1978 – [Masán, 2017: 67]
= Epicriopsis palustris Karg, 1971

Epicriopsis langei Livshitz & Mitrofanov, 1975 – [Masán, 2017: 67]
= Epicriopsis palustris Karg, 1971

Epicriopsis rivus Karg, 1971 – [Masán, 2017: 66]
= Epicriopsis mirabilis Willmann, 1956

Hemipteroseius vikrami Menon, 2011 – [Prasad, 2017: 143]
= Hemipteroseius indicus (Krantz & Khot, 1962)

Kleemannia potchefstroomensis Kruger & Loots, 1980 – [Masán, 2017: 99]
= Kleemannia pseudoplumosa (Rack, 1972)

Lasioseius gracilis Halbert, 1923 – [Masán, 2017: 81]
= Kleemannia delicata (Berlese, 1918)

Neocypholaelaps ewae Haitlinger, 1987 – [Masán, 2017: 109]
= Neocypholaelaps indicus Evans, 1963

Neocypholaelaps lindquisti Prasad, 1968 – [Masán, 2017: 16]
= Afrocypholaelaps africanus (Evans, 1963)

Ololaelaps gamagarensis Jordaan & Loot, 1987 – [Nemati, Riahi, Khalil-Moghadam & Gwiazdowicz, 2018: 147]
= Ololaelaps mooiensis Ryke, 1962

Pseudoparasitus talebii Nemati, Malekshah-koohi & Afshari, 2014 – [Nemati, Riahi, Khalil-Moghadam & Gwiazdowicz, 2018: 149]
= Pseudoparasitus hajiqanbar Kazemi, 2014

Sinoseius pinnatus Huhta & Karg, 2010 – [Masán, 2017: 121]
= Sinoseius lobatus Bai, Gu & Fang, 1995

New names

Ameroseius womersleyi Masán, 2017 pro Ameroseius ornatus Womersley, 1956 – [Masán, 2017: 54]

Subscription form

I wish to subscribe to ACARI – Bibliographia Acarologica
3 issues per volume and year

Institution and library	20 € (incl. 7% VAT = 1,31 €), incl. postage and handling	☐
personal	10 € (incl. 7% VAT = 0,65 €) incl. postage and handling	☐

I cannot cover the costs in convertible currency. I request in publication exchange for my articles about mites one issue per year. (Please indicate the issue chosen by ticking square below.)

Mesostigmata	☐
Oribatida	☐
Actinedida	☐

Please write your address exactly and legibly!

name _____

address _____

_____

_____

_____

_____ _____

Date Signature

Please return this form to:

Dr A. Christian
Senckenberg Museum für Naturkunde Görlitz
Am Museum 1
02826 Görlitz
Germany

Fax.: 0049-3581-4760 5101
E-Mail: axel.christian@senckenberg.de

ACARI
Bibliographia Acarologica

18 (1) · 2018

Christian, A. & K. Franke

ISSN 1618-8977

www senckenberg.de/acari