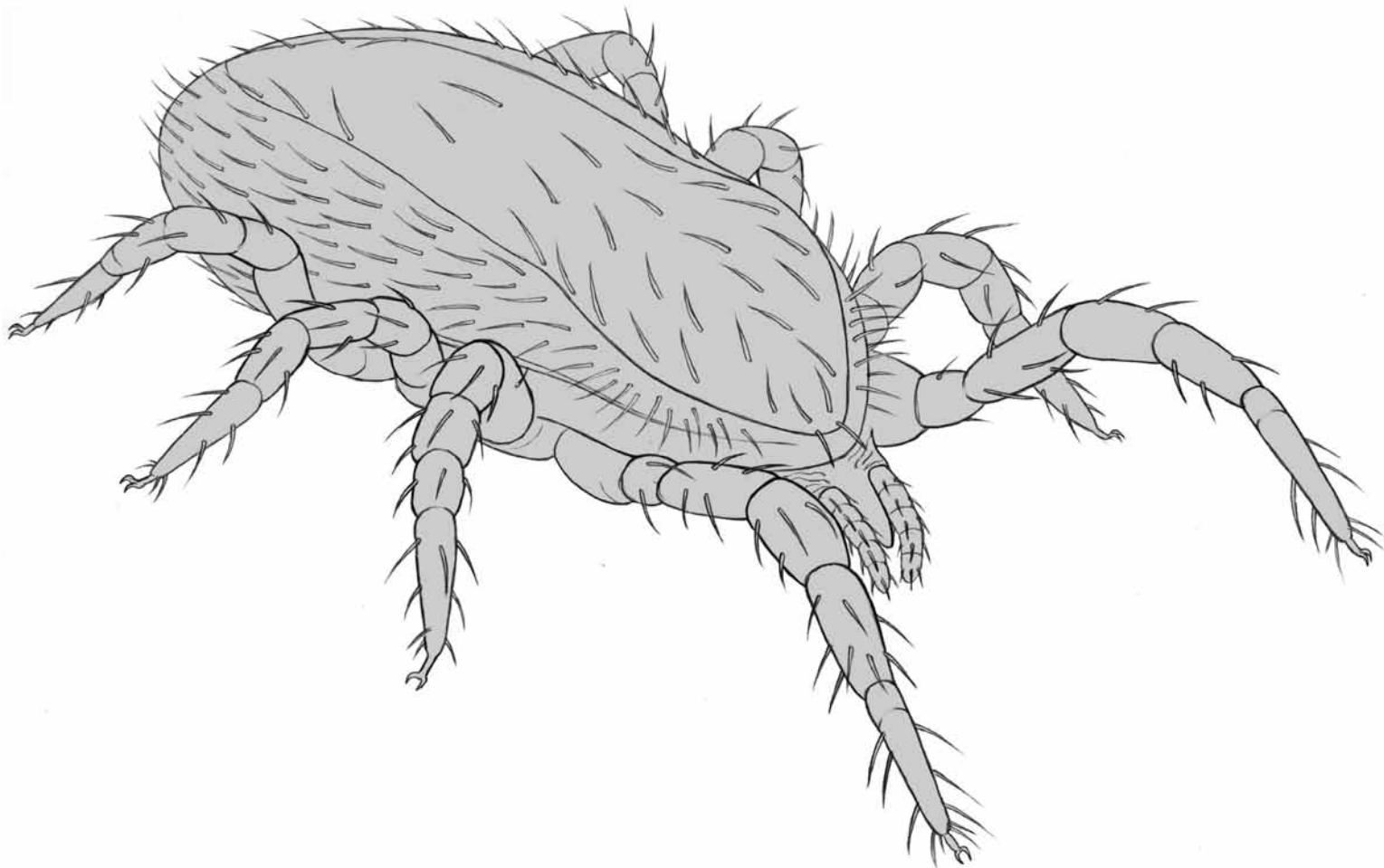


# ACARI

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**Mesostigmata**

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## Editor-in-Chief

Axel Christian  
Senckenberg Museum für Naturkunde Görlitz, Germany  
PF 300 154, 02806 Görlitz, Germany  
Email: [axel.christian@senckenberg.de](mailto:axel.christian@senckenberg.de)

## Technical Editor

Kerstin Franke, Senckenberg Museum für Naturkunde Görlitz, Germany

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## MESOSTIGMATA No. 26

Axel Christian & Kerstin Franke

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

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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 284 titles by researchers from 39 countries. In these publications, 130 new species and genera are described. The majority of articles concern ecology (39%), taxonomy (30%), faunistics (12%), biology (5 %) and the bee-mite Varroa (7%). Please inform us if we have failed to list all your publications in the Bibliographia.

The database on mesostigmatic mites already contains 15,859 papers and 16,693 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 2014 is searchable on the Internet. The Bibliographia Mesostigmatologica of number 1 to 11 and the issues 1 to 14 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>

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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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- YAMAUCHI, K. / MANABE, N. / MATSUMOTO, Y. / YAMAUCHI, K. (2014): Exterminating effect of wood vinegar to red mites and its safety to chickens. - J. Poultry Sci. 51,3: 327-332

YAO, H. / ZHENG, W. / TARIQ, K. / ZHANG, H. (2014): Functional and numerical responses of three species of predatory phytoseiid mites (Acari, Phytoseiidae) to *Thrips flavidulus* (Thysanoptera, Thripidae). - Neotrop. Entomol. 43,5: 437-445

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## Publications, additions 2013

EITZINGER, B. (2013): Molecular analysis of Centipede predation. - PhD Thesis G.-August Univ. Göttingen: 1-145

KOHYT, J. / SKUBALA, P. (2013): Communities of mites (Acari) in litter and soil under the invasive red oak (*Quercus rubra* L.) and native pedunculate oak (*Q. robur* L.). - Biol. Lett. 50,2: 111-124

KONTSCHÁN, J. / PARK, S.J. / YOON, T.J. / CHOI, W.Y. (2013): Uropodina mites from the Korean Peninsula (Acari, Mesostigmata). Zoological Collectings by the Hungarian Natural History Museum in Korea No. 204. - Ad Librum, Budapest: 1-70

MANU, M. (2013): Diversity of soil mites (Acari, Mesostigmata, Gamasina) in various deciduous forest ecosystems of Muntenia region (Southern Romania). - Biol. Lett. 50,1: 3-16

SEKO, T. / MIURA, K. (2013):\* Genetic improvement of

invertebrate natural enemies - breeding and quality control of a flightless lady beetle. - Jpn. J. Appl. Entomol. Zool. 57,4: 219-234

SIKORA, B. / BLASZAK, C. (2013): A new genus of soil mites of the family Zerconidae (Acari, Mesostigmata) from the United States of America. - Ann. Zool. 63,4: 525-528

## Publications, additions 2012

KACZMAREK, S. / MARQUARDT, T. / FALÉNCZYK-KOZIRÓG, K. / MARCYSIAK, K. (2012): Diversity of soil mite communities (Acari) within habitats seasonally flooded by the Vistula River (Ostromęcko, Poland). - Biol. Lett. 49,2: 97-105

## Publications, additions 2011

KALÚZ, S. (2011): Poden roztoce (Acari) na kalamitných plochách vo Vysokých Tatrách. - Stúdie o Tatranskom Národnom Parku 10,43: 221-230

## Publications, additions 2010

ROMEIH, A.H.M. / ABO-SHNAF, R.I.A. / HASSAN, M.F. / RIZK, M.A. (2010): Description of a new phytoseiid mite species (Acari, Phytoseiidae) from Egypt with a special reference to its biology. - Egypt. J. Biol. Sci. 3,2: 27-36

## 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:

*Androlaelaps navonae* Lareschi & Galliari, 2014 (Page: 486<sup>1</sup>) – TYPES: HT<sup>2</sup> + PT<sup>2</sup> - MCNLP<sup>3</sup>, PT<sup>2</sup> - CNP<sup>3</sup>

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 - Acarological Collection, Institute of Science and High Technology and Environmental Sciences, Graduate University of Advanced Technology, Kerman, Iran

ALCU - Acarology Laboratory, Department of Plant Protection, Cukurova University, Adana, Turkey

AMMS - Academy of Military Medical Sciences, Institute of Microbiology and Epidemiology, Entomology Gallery, Beijing, China

AMU - Adam Mickiewicz University, Department of Animal Morphology, Poznan, Poland

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

APAG - Acarology Laboratory, Department of Plant Protection, Faculty of Agricultural Sciences, Guilan University, Guilan, Iran

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

ARLUAF - Acarology Research Laboratory, Department of Agriculture Entomology, University of Agriculture, Faisalabad, Pakistan

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

BPBM - Bernice P. Bishop Museum, Honolulu, Hawaii

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

CNP - Centro Nacional Patagónico, Puerto Madryn, Chubut, Argentina

CPSAU - College of Plant Protection, Shenyang Agricultural University, Shenyang, Liaoning Province, China

CRA-ABP - Consiglio per al Ricerci in Agricoltura e l'Analisi dell'Economia Agraria - Centro di ricerca per l'AgroBiology and Pedology, Firenze, Italy

CUG - Faculty of Agriculture, Cairo University, Giza, Egypt

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

DZSJRP - Departamento de Zoologia, Campus de S.J. do Rio Preto, Universidade Estadual Paulista, Sao Paulo, Brazil

ESALQ/USP - Escola Superior de Agricultura "Luiz de Queiroz", Universidade de Sao Paulo, Departamento de Entomologia, Fitopatologia e Zoologia Agricola, Piracicaba, Brazil

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

FCAV/USP - Departamento de Fitossanidade, Faculdade de Ciências Agrárias e Veterinárias, Universidade de São Paulo, Jaboticabal, Brazil

FMNH - Finnish Museum of Natural History, Helsinki, Finland

HNHM - Hungarian Natural History Museum, Budapest, Hungary

HUS - Hokkaido University Sapporo, Sapporo, Japan

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

JAZM - Jalal Afshar Zoological Museum, Tehran

University, Acarological Collection, Karaj, Iran	SAS - <u>Slovak Academy of Sciences</u> , Institute of Zoology, Bratislava, Slovakia
LAZUA - <u>Laboratory of Agricultural Zoology and Entomology</u> , Agricultural <u>University of Athens</u> , Athens, Greece	SENASA - <u>SErvicio NAcional de Sanidad Agraria</u> - Subdirección de Control Biológico, Lima, Peru
MANS - <u>MANSoura University</u> , Department of Agricultural Zoology, Mansoura City, Egypt	SMNG - <u>Senckenberg Museum für Naturkunde Görlitz</u> , Görlitz, Germany
MCN - <u>Museu de Ciencias Naturais da UNIVATES Centro Universitário</u> , Lajeado, Brasil	SRIAUF - Acarological Collection, Science and Research Branch, <u>Islamic Azad University</u> , Fars, Iran
MCNLP - <u>Museo de Ciencias Naturales de La Plata</u> , La Plata, Argentina	SZMN - <u>Siberian Zoological Museum</u> , Institute of Animal Systematics and Ecology, Siberian Division of the Russian Academy of Sciences, Novosibirsk, Russia
MHNG - <u>Muséum d'Histoire Naturelle</u> , Geneva, Switzerland	UGMC - <u>University of Guilan Mite Collection</u> , Rasht, Iran
MHNJP - <u>Museo de Historia Natural "Javier Prado"</u> , Lima, Peru	UNESP - <u>UNiversidade EStadual Paulista</u> , Campus de Sao José do Rio Preto, Sao Paulo, Brazil
MM - <u>Manchester Museum</u> , Manchester, United Kingdom	UNIPA - <u>UNIversity of PAlermo</u> , Laboratory of Applied Acarology "Eliahu Swirski", Department of Agricultural and Forest Sciences, Palermo, Italy
MZB - <u>Museum Zoologicum Bogoriense</u> , Cibinong, Bogor, Indonesia	YIAU - Department of Plant Protection, <u>Yazd Branch, Islamic Azad University</u> , Yazd, Iran
MZUNAV - <u>Museum of Zoology, University of NAVarra</u> , Pamplona, Spain	
NHCY - <u>Ningxia Hui Autonomous Region Center for Disease Prevention and Control</u> , Yinchuan, China	
NHML - <u>Natural History Museum</u> , Department of Entomology, London, United Kingdom	
NMNH - National Mite Collection, <u>National Museum of Natural History</u> , Smithsonian Institution, Beltsville, Maryland, USA	
OSAL - <u>Ohio State University</u> , Museum of Biological Diversity, <u>Acarology Laboratory</u> , Columbus, Ohio, USA	<b>New species</b>
PULS - <u>Poznan University of Life Sciences</u> , Department of Forest Protection, Poznan, Poland	<i>Amblydromalus insolitus</i> Nuvoloni & Lofego, 2015 (Page: 262) – TYPES: HT + PT - DZSJRP
QM - <u>Queensland Museum</u> , South Brisbane, Queensland, Australia	<i>Amerozercon briareus</i> Sikora, 2014 (Page: 147) – TYPES: HT + PT - AMU
RMNH - National Museum of Natural History Naturalis, formerly <u>Rijks Museum van Natuurlijke Historie</u> , Leiden, The Netherlands	<i>Androlaelaps navonae</i> Lareschi & Galliari, 2014 (Page: 486) – TYPES: HT + PT - MCNLP, PT - CNP
	<i>Androlaelaps postcuspidatus</i> Ma & Chen, 2014 (Page: 98) – TYPES: HT + PT - FAAS
	<i>Androlaelaps wingei</i> Lareschi & Galliari, 2014 (Page: 492) – TYPES: HT + PT - MCNLP
	<i>Angulobaloghia rutra</i> Kotschán, 2014 (Page: 36) – TYPES: HT + PT - MHNG
	<i>Angulobaloghia staryi</i> Kotschán, 2015 (Page: 45) – TYPES: HT + PT - MHNG

- Asca brevichaeta* Ma & Lin, 2014 (Page: 18) – TYPES: HT - FAAS
- Bakeras evansi* Sikora, 2014 (Page: 157) – TYPES: HT + PT - FMNH, PT - AMU, CNC
- Cosmolaelaps dilleri* Gwiazdowicz & Nemati, 2014 (Page: 437) – TYPES: HT - MHNJP, PT - PULS
- Cosmolaelaps dorfakiensis* Ramroodi, Hajizadeh & Joharchi, 2014 (Page: 534) – TYPES: HT + PT - APAG, PT - ANIC, JAZM
- Cosmolaelaps pinnatus* Ramroodi, Hajizadeh & Joharchi, 2014 (Page: 538) – TYPES: HT + PT - APAG, PT - ANIC, JAZM
- Cosmolaelaps qassimensis* Fouly & Al-Rehiyani, 2014 (Page: 263) – TYPES: HT + PT - MANS
- Depressorotunda serrata* Kotschán, 2014 (Page: 42) – TYPES: HT + PT - MHNG
- Depressorotunda taurina* Kotschán, 2015 (Page: 50) – TYPES: HT + PT - MHNG
- Dinychus lepus* Kotschán & Starý, 2014 (Page: 553) – TYPES: HT + PT - MHNG
- Euseius pakistanensis* Honey, Bashir, Khan & Shahid, 2015 (Page: 346) – TYPES: HT + PT - ARLUAF
- Euseius plumerii* Abo-Shnaf & Romeih, 2010 (Page: 28) – TYPES: HT + PT - CUG
- Gaeolaelaps ahangarani* Kazemi & Beaulieu, 2014 (Page: 514) – TYPES: HT + PT - ACISTE
- Gaeolaelaps khajooii* Kazemi, Rajaei & Beaulieu, 2014 (Page: 510) – TYPES: HT + PT - ACISTE, PT - CNC
- Galendromimus roraimensis* Demite & Lofego, 2014 (Page: 594) – TYPES: HT + PT - ESALQ/USP, PT - UNESP
- Gamasholaelaspis noveothenomydis* Ma & Lin, 2014 (Page: 84) – TYPES: HT + PT - FAAS
- Gamasholaelaspis quasivariabilis* Ma & Lin, 2014 (Page: 83) – TYPES: HT - FAAS
- Gamasholaspis subaliventroanalis* Ma & Lin, 2014 (Page: 8) – TYPES: HT + PT - FAAS
- Geholaspis pennulatus* Babaian, Halliday & Saboori, 2015 (Page: 424) – TYPES: HT + PT - JAZM, PT - ANIC
- Gymnolaelaps longiosetae* Ramroodi, Joharchi & Hajizadeh, 2015 (Page: 130) – TYPES: HT + PT - JAZM, PT - YIAU, UGMC
- Hirstionyssus yanchiensis* Bai, Yan & Xing, 2014 (Page: 105) – TYPES: HT + PT - AMMS, PT - NHCY
- Hispiniphis parva* Moraza & Lindquist, 2015 (Page: 330) – TYPES: HT + PT - INBio, PT - CNC, MZUNAV
- Hypoaspis elegans* Joharchi, Ostovan & Babaeian, 2014 (Page: 570) – TYPES: HT + PT - SRIAUF, PT - JAZM, ANIC
- Lasioseius piracicabensis* De Moraes & Pérez-Madruga, 2015 (Page: 22) – TYPES: HT + PT - ESALQ/USP
- Linseius huangshanensis* Ma, 2014 (Page: 1) – TYPES: HT - AMMS
- Linseius qinghaiensis* Ma, 2014 (Page: 4) – TYPES: HT - AMMS
- Macrocheles dayaci* Dwibadra & Takaku, 2014 (Page: 48) – TYPES: HT + PT - MZB, PT - HUS
- Macrocheles quasipunctatus* Ma & Lin, 2014 (Page: 102) – TYPES: HT + PT - FAAS
- Macrocheles riparius* Dwibadra & Takaku, 2014 (Page: 50) – TYPES: HT + PT - MZB, PT - HUS
- Macrocheles wainensis* Dwibadra & Takaku, 2014 (Page: 50) – TYPES: HT + PT - MZB, PT - HUS
- Makarovaia ornata* Moraza & Lindquist, 2015 (Page: 315) – TYPES: HT + PT - INBio, PT - CNC, MZUNAV
- Malagana rotunda* Kotschán & Starý, 2014 (Page: 556) – TYPES: HT + PT - MHNG
- Microzercon yamoriae* Sikora, 2014 (Page: 188) – TYPES: HT - FMNH
- Myrmozercon hunteri* Joharchi, 2015 (Page: 550) – TYPES: HT - JAZM, PT - YIAU

- Nenteria extremica* Kontschán, Mazza, Nannelli & Roversi, 2014 (Page: 63) – TYPES: HT - CRA-ABP, PT - HNHM
- Neogamasus fuzhouensis* Ma & Lin, 2014 (Page: 13) – TYPES: HT - FAAS
- Neogamasus triangulendogynii* Ma & Lin, 2014 (Page: 14) – TYPES: HT - FAAS
- Neomicrozercon nearcticus* Sikora & Blaszak, 2013 (Page: 626) – TYPES: HT + PT - FMNH
- Neoparaphytoseius charapa* Jiménez, McMurtry & De Moraes, 2014 (Page: 294) – TYPES: HT + PT - ESALQ/USP, PT - SENASA
- Neoseiulus demitei* Rocha, Da Silva & Ferla, 2014 (Page: 271) – TYPES: HT + PT - ESALQ/USP, PT - OSAL, MCN
- Neoseiulus sekeroglui* Döker & Stathakis, 2014 (Page: 333) – TYPES: HT + PT - ALCU, PT - LAZUA, NHML
- Olopachys (Olopachylaella) elongatus* Özbek & Halliday, 2015 (Page: 145) – TYPES: HT + PT - ASFEU, PT - ANIC
- Olopachys (Olopachylaella) ovatus* Özbek & Halliday, 2015 (Page: 143) – TYPES: HT + PT - ASFEU, PT - ANIC
- Olopachys (Olopachylaella) prolixus* Özbek & Halliday, 2015 (Page: 147) – TYPES: HT + PT - ASFEU, PT - ANIC
- Olopachys (Olopachylaella) transversalis* Özbek & Halliday, 2015 (Page: 140) – TYPES: HT + PT - ASFEU, PT - ANIC
- Orthadenella coulsoni* Gwiazdowicz, Marchenko & Teodorowicz, 2015 (Page: 1661) – TYPES: HT + PT - SZMN, PT - NHML
- Orthadenella multipilisaccula* Ostovan & Faraji, 2014 (Page: 605) – TYPES: HT + PT - RMNH
- Pachylaelaps (Longipachylaelaps) anatolicus* Özbek, 2015 (Page: 67) – TYPES: HT + PT - ASFEU, PT - ANIC
- Pachyseius anisimovi* Marchenko, 2015 (Page: 222) – TYPES: HT + PT - SZMN, PT - MM
- Pachyseius crymophilus* Masán & Fenda, 2014 (Page: 138) – TYPES: HT + PT - SAS
- Pachyseius destitutus* Özbek & Halliday, 2015 (Page: 99) – TYPES: HT + PT - ASFEU, PT - ANIC
- Pachyseius masani* Özbek & Halliday, 2014 (Page: 110) – TYPES: HT + PT - ASFEU, PT - ANIC
- Pachyseius quadrigeminus* Özbek & Halliday, 2015 (Page: 101) – TYPES: HT + PT - ASFEU, PT - ANIC
- Paramixozercon alaskanus* Sikora, 2014 (Page: 203) – TYPES: HT - FMNH
- Paramixozercon aoki* Sikora, 2014 (Page: 201) – TYPES: HT + PT - FMNH, PT - AMU
- Parasitus novilunariphilus* Ma & Bai, 2014 (Page: 25) – TYPES: HT - AMMS
- Phytoseius ibrahini* Döker & Kazak, 2015 (Page: 440) – TYPES: HT + PT - ALCU, PT - NHML
- Polyaspis madagascarensis* Kontschán & Starý, 2014 (Page: 548) – TYPES: HT + PT - MHNG
- Proprioseiopsis ismailiaensis* Abo-Shnaf & De Moraes, 2014 (Page: 12) – TYPES: HT - CUG
- Prozercon sultani* Duran & Urhan, 2015 (Page: 174) – TYPES: HT + PT - DBPU
- Pseudolaelaps barbarus* Masán, 2014 (Page: 287) – TYPES: HT + PT - SAS
- Pseudolaelaps brevipilis* Masán, 2014 (Page: 288) – TYPES: HT + PT - SAS
- Pseudolaelaps jozefi* Masán, 2014 (Page: 292) – TYPES: HT + PT - SAS
- Pseudolaelaps laevidorsatus* Masán, Hajizadeh & Ramroodi, 2015 (Page: 82) – TYPES: HT + PT - SAS, PT - UGMC
- Pseudolaelaps lepidus* Masán, 2014 (Page: 293) – TYPES: HT + PT - SAS
- Pseudolaelaps mirandus* Masán, 2014 (Page: 295) –

- TYPES: HT + PT - SAS
- Pseudolaelaps pallidus* Masán, 2014 (Page: 297) – TYPES: HT - SAS
- Pseudolaelaps propinquus* Masán, 2014 (Page: 299) – TYPES: HT + PT - SAS
- Pseudolaelaps regularis* Masán, 2014 (Page: 301) – TYPES: HT + PT - SAS
- Pseudolaelaps rotundus* Masán, 2014 (Page: 302) – TYPES: HT + PT - SAS
- Pseudolaelaps scaber* Masán, 2014 (Page: 304) – TYPES: HT + PT - SAS
- Pseudolaelaps semiduplicans* Masán, Hajizadeh & Ramroodi, 2015 (Page: 85) – TYPES: HT + PT - SAS, PT - UGMC
- Pseudolaelaps stellifer* Masán, 2014 (Page: 305) – TYPES: HT + PT - SAS
- Pseudolaelaps venustulus* Masán, Hajizadeh & Ramroodi, 2015 (Page: 86) – TYPES: HT + PT - SAS, PT - UGMC
- Pseudoparasitus talebii* Nemati, Malekshah-koohi & Afshari, 2014 (Page: 256) – TYPES: HT + PT - APAS, PT - SMNG
- Pulchellaobovella madagascarica* Kotschán & Starý, 2014 (Page: 559) – TYPES: HT + PT - MHNG
- Rafaskas blaszaki* Sikora, 2014 (Page: 212) – TYPES: HT - AMU
- Reticulolaelaps costai* Joharchi & Babaeian, 2015 (Page: 34) – TYPES: HT - YIAU, PT - JAZM
- Rhodacarus denticulatoides* Ma & Sun, 2014 (Page: 95) – TYPES: HT + PT - FAAS
- Rotundabaloghia (Circabaloghia) ermilovi* Kotschán & Starý, 2014 (Page: 563) – TYPES: HT + PT - MHNG
- Rotundabaloghia (Circabaloghia) kaydani* Kotschán & Starý, 2014 (Page: 565) – TYPES: HT + PT - MHNG
- Rotundabaloghia (Circabaloghia) perreti* Kotschán, 2015 (Page: 39) – TYPES: HT + PT - MHNG
- Rotundabaloghia (Circabaloghia) tobiasi* Kotschán, 2014 (Page: 39) – TYPES: HT + PT - MHNG
- Rotundaobaloghia hongkongensis* Kotschán, 2015 (Page: 48) – TYPES: HT + PT - MHNG
- Rotundozercon jinggangshanensis* Ma & Lin, 2014 (Page: 80) – TYPES: HT - FAAS
- Rykellus anibali* Santos, Castilho, Silva & De Moraes, 2015 (Page: 113) – TYPES: HT + PT - ESALQ/USP, PT - FCAV/USP
- Rykellus mineiroi* Santos, Castilho, Silva & De Moraes, 2015 (Page: 116) – TYPES: HT + PT - ESALQ/USP, PT - FCAV/USP
- Sumatrella chelonica* Kotschán, 2015 (Page: 3) – TYPES: HT + PT - MHNG
- Trachybana sarawakensis* Kotschán, 2015 (Page: 273) – TYPES: HT + PT - MHNG
- Trichouropoda madagascarica* Kotschán & Starý, 2014 (Page: 553) – TYPES: HT + PT - MHNG
- Trichouropoda mahnerti* Kotschán, 2015 (Page: 34) – TYPES: HT + PT - MHNG
- Trichouropodella taiwanica* Kotschán, 2014 (Page: 59) – TYPES: HT - HNHM, PT - MHNG
- Typhlodomips paramilus* Nuvoloni & Lofego, 2015 (Page: 267) – TYPES: HT + PT - DZSRP
- Typhlodromus antalyensis* Stathakis & Döker, 2014 (Page: 335) – TYPES: HT + PT - ALCU
- Typhlodromus (Anthoseius) fayoumensis* Abo-Shnaf & De Moraes, 2014 (Page: 46) – TYPES: HT - CUG, PT - ESALQ/USP
- Typhlodromus sandrae* Ragusa & Tsolakis, 2015 (Page: 234) – TYPES: HT + PT - UNIPA
- Ulyxes autolyces* Shaw, 2014 (Page: 266) – TYPES: HT + PT - BPBM
- Ulyxes euryclea* Shaw, 2014 (Page: 269) – TYPES: HT + PT - QM
- Ulyxes theoclymenus* Shaw, 2014 (Page: 282) – TYPES: HT + PT - BPBM

- Uroobovella kozari* Kotschán, 2014 (Page: 63) – Typ. sp.: HT + PT - HNHM, PT - MHNG
- Uroobovella ornamenta* Kotschán, 2014 (Page: 66) – Typ. sp.: HT - HNHM, PT - MHNG
- Veigaia beinaxinae* Chen & Gao, 2015 (Page: 193) – Typ. sp.: HT + PT - CPSAU
- Veigaia yinsuigongi* Chen & Gao, 2015 (Page: 192) – Typ. sp.: HT + PT - CPSAU
- Zercon bothnicus* Huhta & Ujvári, 2015 (Page: 69) – Typ. sp.: HT + 2 PT - FMNH, PT - HNHM
- Zercon istanbulensis* Duran & Urhan, 2015 (Page: 708) – Typ. sp.: HT + PT - DBPU
- Zercon lucidus* Sikora, 2014 (Page: 225) – Typ. sp.: HT - NMNH
- Zercon manitous* Sikora, 2014 (Page: 223) – Typ. sp.: HT - NMNH, PT - AMU
- Zercon morazae* Sikora, 2014 (Page: 225) – Typ. sp.: HT - NMNH, PT - AMU
- Zercon oregonus* Sikora, 2014 (Page: 219) – Typ. sp.: HT - NMNH, PT - AMU
- Zercon raveni* Sikora, 2014 (Page: 221) – Typ. sp.: HT - NMNH, PT - AMU
- Zercon sichuanensis* Ma & Lin, 2014 (Page: 78) – Typ. sp.: HT + PT - FAAS
- Zercon skorackii* Sikora, 2014 (Page: 229) – Typ. sp.: HT - FMNH
- Typ. sp.: *Makarovaia ornata* Moraza & Lindquist, 2015
- Malagana* Kotschán & Starý, 2014 (Page: 556) – Typ. sp.: *Malagana rotunda* Kotschán & Starý, 2014
- Neoblaszakiella* Sikora, 2014 (Page: 191) – Typ. sp.: *Microzercon alaskaensis* Ujvári, 2013
- Neomicrozercon* Sikora & Blaszak, 2013 (Page: 525) – Typ. sp.: *Neomicrozercon nearcticus* Sikora & Blaszak, 2014
- Paramixozercon* Sikora, 2014 (Page: 199) – Typ. sp.: *Paramixozercon aoki* Sikora, 2014
- Rafaskas* Sikora, 2014 (Page: 210) – Typ. sp.: *Rafaskas blaszaki* Sikora, 2014
- Sumatrella* Kotschán, 2015 (Page: 2) – Typ. sp.: *Sumatrella chelonica* Kotschán, 2015
- Trachybana* Kotschán, 2015 (Page: 273) – Typ. sp.: *Trachybana sarawakensis* Kotschán, 2015
- Ulyxes* Shaw, 2014 (Page: 263) – Typ. sp.: *Haemolaelaps ulysses* Domrow, 1961
- Whartonas* Sikora, 2014 (Page: 216) – Typ. sp.: *Microzercon krantzi* Blaszak, 1980

## New genera

- Betaechinozercon* Sikora, 2014 (Page: 162) – Typ. sp.: *Echinozercon americanus* Blaszak, 1982
- Hispiniphis* Moraza & Lindquist, 2015 (Page: 326) – Typ. sp.: *Hispiniphis parva* Moraza & Lindquist, 2015
- Linseius* Ma, 2014 (Page: 1) – Typ. sp.: *Linseius huangshanensis* Ma, 2014
- Makarovaia* Moraza & Lindquist, 2015 (Page: 311) – Typ. sp.: *Blaszakiella pardus* (Ujvári, 2013) – [Sikora, 2014: 166]

## New families

- Vitzthumegistidae* Kim, 2015 (Page: 203) – Typ. gen.: *Vitzthumegistus* = gen. et nomen novum for *Physalozercon* sensu André, 1937 non Berlese, 1903

## New combinations

- Amblyseius californicus* sensu Schuster & Pritchard, 1963 – [Griffiths, 2015: 3]
- Betaechinozercon americanus* (Blaszak, 1982) – [Sikora, 2014: 162]
- Blaszakiella mahunkai* (Ujvári, 2013) – [Sikora, 2014: 164]

*Laelaspis longogenitalis* (Karg, 1978) – [Ramroodi, Joharchi & Hajizadeh, 2015: 135]

*Linseius rhombus* (Ma & Lin, 2007 – [Ma, 2014: 2]

*Neoblaszakiella alaskaensis* (Ujvári, 2013) – [Sikora, 2014: 193]

*Neoblaszakiella luiseae* (Ujvári, 2013) – [Sikora, 2014: 193]

*Neoblaszakiella nudus* (Ujvári, 2013) – [Sikora, 2014: 194]

*Paramixozercon albertaensis* (Diaz-Aguilae & Ujvári, 2010) – [Sikora, 2014: 203]

*Paramixozercon borealis* (Diaz-Aguilae & Ujvári, 2010) – [Sikora, 2014: 206]

*Paramixozercon jasoniana* (Diaz-Aguilae & Ujvári, 2010) – [Sikora, 2014: 205]

*Pseudoparasitus lativentris* (Karg, 1978) – [Joharchi & Babaeian, 2015: 37]

*Ulyxes anticlea* (Domrow, 1972) – [Shaw, 2014: 266]

*Ulyxes calypso* (Domrow, 1966) – [Shaw, 2014: 268]

*Ulyxes laertes* (Domrow, 1972) – [Shaw, 2014: 276]

*Ulyxes penelope* (Domrow, 1964) – [Shaw, 2014: 279]

*Ulyxes sisyphus* (Domrow, 1981) – [Shaw, 2014: 281]

*Ulyxes telemachus* (Domrow, 1964 – [Shaw, 2014: 281]

*Ulyxes ulixes* (Domrow, 1972) – [Shaw, 2014: 285]

*Ulyxes ulysses* (Domrow, 1961) – [Shaw, 2014: 285]

*Vitzthumegistus latronis* (Vitzthum, 1937) – [Kim, 2015: 204]

*Vitzthumegistus paguroxenus* (André, 1937) – [Kim, 2015: 203]

*Whartonas krantzi* (Blaszak, 1980) – [Sikora, 2014: 217]

## New synonyms

*Euseius plumerii* Abo-Shnaf & Romeih, 2010 – [Abo-Shnaf, 2014: 18]  
= *Euseius scutalis* (Athias-Henriot, 1958)

*Gnorimus tabella* (Chaudhri, 1975) – [De Moraes, Abo-Shnaf, Pérez-Madruga, Sánchez, Karmakar & Ho, 2015: 12]  
= *Lasioseius parberlesei* Bhattacharyya, 1968

*Hypoaspis (Pneumolaelaps) arctos* Karg, 1984 – [Makarova, 2014: 1406]  
= *Pneumolaelaps groenlandica* (Trägårdh, 1904)

*Hypoaspis surii* Khanjani, Ghaedi & Ueckermann, 2013 – [Joharchi, Ostovan & Babaeian, 2014: 573]  
= *Hypoaspis maryamae* Joharchi & Halliday, 2011

*Indiraseius extremus* Daneshvar, 1987 – [De Moraes, Abo-Shnaf, Pérez-Madruga, Sánchez, Karmakar & Ho, 2015: 12]  
= *Lasioseius parberlesei* Bhattacharyya, 1968

*Lasioseius lindquisti* Nasr & Abou-Awad, 1986 – [De Moraes, Abo-Shnaf, Pérez-Madruga, Sánchez, Karmakar & Ho 2015: 12]  
= *Lasioseius parberlesei* Bhattacharyya, 1968

*Neoseiulus knappi* Zannou, De Moraes, Ueckermann, Oliveira, Yaninek & Hanna, 2006 – [Abo-Shnaf & De Moraes, 2014: 29]  
= *Neoseiulus sharonensis* (Rivnay & Swirski, 1980)

*Neoseiulus seminudus* Basha, Yousef, Ibrahim & Mostafa, 2001 – [Abo-Shnaf & De Moraes, 2014: 28]  
= *Neoseiulus segnis* (Wainstein & Arutunjan, 1970)

*Parasitus fucicola* Trägårdh, 1904 – [Makarova, 2014: 1406]  
= *Vulgarogamasus immanis* (Berlese, 1904)

*Parasitus samshinaki* Micherdzinski, 1969 – [Bai & Ma, 2014: 27]  
= *Parasitus heliocopridis* Oudemans, 1910

*Typhlodromus (Anthoseius) balanites* El-Badry, 1967 – [Abo-Shnaf & De Moraes, 2014: 43]  
= *Typhlodromus egypticus* El-Badry, 1967

*Typhlodromips capsicum* Basha, Yousef, Ibrahim & Mostafa, 2001 – [Abo-Shnaf, 2014: 7]  
= *Amblyseius swirskii* Athias-Henriot, 1962

*Typhlodromus (Anthoseius) mangiferus* Zaher & El-Borolossy, 1986 – [Abo-Shnaf & De Moraes, 2014: 43]  
= *Typhlodromus (Anthoseius) egypticus* El-Badry, 1967

*Zercon thulium* Athias-Henriot, 1980 – [Makarova, 2014: 1406]  
= *Zercon hammerae* Sellnick, 1960

### New names

*Lasioseius ningxianensis* Bai, Ma & Yan, 2014 pro *Lasioseius multisetus* Ma & Bai, 2006 – [Bai, Ma, Yan, 2014: 32]

## Addresses

ABO-SHNAF, REHAM I.A., Departamento de Entomologia e Acarologia, ESALQ - Universidade de São Paulo, 13418-900 Piracicaba, São Paulo, Brazil; **E-Mail:** [riamaboshnaf@yahoo.com](mailto:riamaboshnaf@yahoo.com)

ABOU-SHAARA, H.F., Plant Protection Department, Faculty of Agriculture, Damietta University, P.O. Box 22516, Damietta, Egypt; **E-Mail:** [entomology\\_20802000@yahoo.com](mailto:entomology_20802000@yahoo.com)

ÁCS, ANITA, Plant Protection Institute, Centre for Agricultural Research, Hungarian Academy of Sciences, P.O. Box 102, 1525 Budapest, Hungary; **E-Mail:** [acs.anita@agrar.mta.hu](mailto:acs.anita@agrar.mta.hu)

AY, RECEP, Suleyman Demirel University, Faculty of Agriculture, Department of Plant Protection, 32260 Cunay, Isparta, Turkey; **E-Mail:** [recepay@ziraat.sdu.edu.tr](mailto:recepay@ziraat.sdu.edu.tr)

BABAEIAN, ESMAEIL, Department of Plant Protection, College of Agriculture, University Tehran, P.O. Box 4111, Karaj 31587-11167, Iran; **E-Mail:** [babaeian@ut.ac.ir](mailto:babaeian@ut.ac.ir)

BAHREINI, RASSOL, Department of Entomology, University of Manitoba, Winnipeg, MB R3T 2N2, Canada; **E-Mail:** [rasoulbahreini@yahoo.com](mailto:rasoulbahreini@yahoo.com)

BAI, XUE-LI, Ningxia Hui Autonomous Region, Center for Disease Control and Prevention, Yinchuan, Ningxia 750004, P.R. China; **E-Mail:** [baixueli2005@sina.com](mailto:baixueli2005@sina.com)

BARBAR, ZIAD, Department of Plant Protection, Faculty of Agriculture, Al-Baath University, P.O. Box 77, Al-Sham St., Homs, Syria; **E-Mail:** [ziadbarbar89@yahoo.com](mailto:ziadbarbar89@yahoo.com)

BARCZYK, GABRIELA, University of Silesia, Department of Ecology, ul. Bankowa 9, 40-007 Katowice, Poland; **E-Mail:** [gabriela.barczyk@us.edu.pl](mailto:gabriela.barczyk@us.edu.pl)

BASAHIH, JAMAL S., Acarology Laboratory, Department of Plant Protection, College of Food & Agriculture Sciences, King Saud University, Riyadh, Saudi Arabia; **E-Mail:** [basahih@gmail.com](mailto:basahih@gmail.com)

BASHIR, MUHAMMAD H., Department of Agriculture Entomology, University of Agriculture, Faisalabad, Pakistan; **E-Mail:** [hamid\\_uaf@yahoo.com](mailto:hamid_uaf@yahoo.com)

BEERS, ELIZABETH H., Washington State University, Center Tree Fruit Research and Extension, Department of Entomology, 1100 N Western Ave, Wenatchee, WA 98801, USA; **E-Mail:** [ebeers@wsu.edu](mailto:ebeers@wsu.edu)

BOWMAN, CLIVE E., 11 Fielding Road, Maidenhead, Berks SL6 5DE, United Kingdom; **E-Mail:** [clivebowman@me.com](mailto:clivebowman@me.com)

BRITTO, ERIKA P.J., Universidade de São Paulo, Departamento de Entomologia e Acarologia, ESALQ, 13418900 Piracicaba, Brazil; **E-Mail:** [erikabritto82@gmail.com](mailto:erikabritto82@gmail.com)

BRODEUR, JACQUES, Département de Sciences Biologiques, Institut de Recherche en Biologie Végétale, Université de Montréal, Montréal, QC H1X 2B2, Canada; **E-Mail:** [jacques.brodeur@umontreal.ca](mailto:jacques.brodeur@umontreal.ca)

BUITENHUIS, ROSEMARIJE, Vineland Research and Innovation Centre, 4890 Victoria Ave N., Box 4000, Vineland Station, ON L0R 2E0, Canada; **E-Mail:** [Rose.Buitenhuis@vinelandresearch.com](mailto:Rose.Buitenhuis@vinelandresearch.com)

CAVALCANTE, A.C.C., Universidade de São Paulo, Escola Superior de Agricultura Luiz de Queiroz, Department of Entomology & Acarology, 13418900 São Paulo, Brazil; **E-Mail:** [anacris.cavalcante@gmail.com](mailto:anacris.cavalcante@gmail.com)

CAVALCANTI, S.C.H., Departamento de Entomologia e Acarologia, Escola Superior de Agricultura "Luiz de Queiroz", Universidade de São Paulo, CEP 13418-900, Brazil; **E-Mail:** [anacris.cavalcante@gmail.com](mailto:anacris.cavalcante@gmail.com)

CEJKA, MARTIN, Department of Forest Protection and Entomology, Faculty of Forestry and Wood Sciences, Czech University of Life Sciences Prague, Prague, Czech Republic; **E-Mail:** [cejka.mar@email.cz](mailto:cejka.mar@email.cz)

CHEN, WAN-PENG, College of Agriculture, Liaoning Radio and Television University, Shenyang 110034, China; **E-Mail:**

CHHUNEJA, PARDEEP K., Apiculture Unit, Department of Entomology, Punjab Agricultural University, Ludhiana 141004, India; **E-Mail:** [pkchhuneja@pau.edu](mailto:pkchhuneja@pau.edu)

CHILDERS, PROF. CARL C., Entomology and Nematology Department, Citrus Research and Education Center, University of Florida, 700 Experiment Station Road, Lake Alfred, FL 33850, USA; **E-Mail:** [ccc1957@ufl.edu](mailto:ccc1957@ufl.edu)

- DA SILVA, MARCOS Z., Instituto Biológico, Rodovia Heitor Penteado km 3,5, Campinas, SP CEP 13092-543, Brazil; **E-Mail:** makdsil@ig.com.br
- DE CLERCQ, PATRICK, Laboratory of Agrozoology, Department of Crop Protection, Ghent University, Coupure Links 653, 9000 Ghent, Belgium; **E-Mail:** Patrick.Declercq@ugent.be
- DE MORAES, DR. GILBERTO J., Departamento de Entomologia e Acarologia, ESALQ/USP, Universidade de São Paulo, Caixa Postal 9, 13418-900 Piracicaba, São Paulo, Brazil; **E-Mail:** mraesg@usp.br
- DE SOUSA, JOSELINNE M., Universidade Federal Rural de Pernambuco, Área Fitossanidade, Departamento de Agronomia, Av Dom Manoel de Medeiros S-N, 52171-900 Recife, PE, Brazil; **E-Mail:** mguedes@depa.ufrpe.br
- DEGRANDI-HOFFMAN, GLORIA, Carl Hayden Bee Research Center, ARS, USDA, 2000 East Allen Road, Tucson, AZ 85719, USA; **E-Mail:** Gloria.Hoffman@ars.usda.gov
- DEMITE, PETERSON R., Departamento de Entomologia e Acarologia, ESALQ-Universidade de São Paulo, 13418-900 Piracicaba, São Paulo, Brazil; **E-Mail:** peterson\_demite@yahoo.com.br
- DMITRYJUK, MAŁGORZATA, Biochemistry Department, Faculty of Biology and Biotechnology, University of Warmia and Mazury, Oczapowskiego 1A, 10-710 Olsztyn, Poland; **E-Mail:** m.dmit@uwm.edu.pl
- DÖKER, ISMAIL, Department of Plant Protection, Agricultural Faculty, Çukurova University, 01330 Adana, Turkey; **E-Mail:** idoker@cu.edu.tr
- DOS SANTOS ROCHA, MATHEUS, UNIVATES - Centro Universitário, Museu de Ciências Naturais, Labor. de Acarologia, Avelino Talini, 171, CEP 95900000 Lajeado, RS, Brasil; **E-Mail:** mrocha0602@gmail.com
- DUNLOP, DR. JASON, Humboldt-Univ., Leibnitz Institute Res. Evol. & Biodivers., Museum für Naturkunde, Invalidenstr. 43, 10115 Berlin, Germany; **E-Mail:** jason.dunlop@mfn-berlin.de
- DURAN, ELIF HILAL, Department of Biology, Faculty of Arts & Sciences, Pamukkale University, Kinikli, Denizli, Turkey; **E-Mail:** elifhilalduran@hotmail.com
- DWIBADRA, DIHAN, Systematic Entomology Laboratory, Graduate School of Agriculture, Hokkaido University, Sapporo 060-8589, Japan; **E-Mail:** dwibadra\_yk@yahoo.com
- ELLSE, LAUREN, Veterinary Parasitology and Ecology Group, School of Biological Sciences, University of Bristol, Woodland Road, Bristol BS8 1UG, United Kingdom; **E-Mail:** lauren.ellse@bristol.ac.uk
- ELMOGHAZY, MOHAMMED M.E., Biology Department, Faculty of Science, Aljouf University, Sakaka, Saudi Arabia; **E-Mail:** dreelmoghazy@yahoo.com
- EMSEN, BERNA, Atatürk Üniversitesi, Ziraat Fakültesi, Zootekni Bölümü, 25240 Erzurum, Turkey; **E-Mail:** bemensen@atauni.edu.tr
- ESTECA, F. DE CÁSSIA NEVES, Departamento de Entomologia e Acarologia, ESALQ, University of São Paulo (USP), 13418-900 Piracicaba, SP, Brazil; **E-Mail:** fernanda.esteca@usp.br
- FAJFER, MONIKA, Department of Animal Morphology, Adam Mickiewicz University, Faculty of Biology, Umultowska 89, 61-614 Poznań, Poland; **E-Mail:** mfajfer@amu.edu.pl
- FALENCZYK-KOZIRÓG, KATARZYNA, Kazimierz Wielki University, Institute of Environmental Biology, Department of Zoology, Ossolinskich Av. 12, 85-094 Bydgoszcz, Poland; **E-Mail:** kasia.fk@ukw.edu.pl
- FAMAH SOURASSOU, NAZER, Departamento de Entomologia e Acarologia, Escola Superior de Agricultura “Luiz Queiroz”, Universidade de São Paulo, Piracicaba, SP 13418-900, Brazil; **E-Mail:** sfamah@yahoo.com
- FAN, QING-HAI, Plant Health & Environment Laboratory, MAF Biosecurity New Zealand, 231 Morrin Road, St. Johns, PO Box 2095, Auckland 1072, New Zealand; **E-Mail:** qinghai.fan@mpi.govt.nz
- FARID, H.M., Acarology Department, Plant Protection Research Institute, ARC, Dokki, Giza, Egypt; **E-Mail:** alaska\_20021@yahoo.com
- FERREIRA, JOAO A.M., Department of Entomology, Federal University of Viçosa, Av. Peter Henry Rolfs, s/n, Campus Universita, Viçosa, MG 36570-000, Brazil; **E-Mail:** joao.marinho@ufv.br
- FOULY, AHMED. H., BCARC, College of Agriculture and

- Veterinary Medicine, Qassim University, P.O. Box 6622, Buraydah, 51452, Saudi Arabia; **E-Mail:** FUNAYAMA, KEN, Fruit-Tree Experiment Station, Akita Prefectural Agriculture, Forestry and Fisheries Research Center, Yokote, Akita, 013-0102, Japan; **E-Mail:** funayamak@pref.akita.lg.jp
- FURTADO, IMEUDA P., Departamento de Ciências Biológicas, URCA, 63.100-000 Crato, CE, Brazil; **E-Mail:** ipfurtado@yahoo.com.br
- GANJISAFFAR, FATEMEH, University of California, Department of Entomology, 900 University Ave, Riverside, CA 92521, USA; **E-Mail:** fatemeh.ganjisaffar@email.ucr.edu
- GAO, YU-LIN, Chinese Academy of Agricultural Sciences, Institute of Plant Protection, State Key Laboratory of Biology Plant Disease & Insect Pests, Beijing 100193, China; **E-Mail:** ylgao@ippcaas.cn
- GERSON, URI, Department of Entomology, Faculty of Agricultural, Food and Environmental Sciences, Hebrew University, P.O. Box 12, Rehovot, 76100, Israel; **E-Mail:** gerson@agri.huji.ac.il
- GRABOVSKA, S.L., Schmalhausen Institute of Zoology, The National Academy of Sciences of Ukraine, vul. B. Khmielnitskogo 15, Kyiv, 01601, Ukraine; **E-Mail:** qrabovskaya-s@mail.ru
- GRIFFITHS, D.A., Agrobio S P, Ctra. Nacional 340, Km 419, El Viso (La Mojonería) Almería, 04745, Spain; **E-Mail:** griffithsacari@aol.com
- GRZEDA, URSZULA, Pracowania Chorób Owadów Użytkowych, Katedra Patologii i Diagnostyki Weterynaryjnej, ul. Ciszewskiego 8, 02-786 Warszawa, Poland; **E-Mail:** urszula\_grzeda@sggw.pl
- GWIĄZDOWICZ, PROF. DR. DARIUSZ J., Univ. of Life Sciences, Dept. of Forest Protection, ul. Wojska Polskiego 71C, 61-689 Poznań, Poland; **E-Mail:** dagwiazd@up.poznan.pl
- HAJIZADEH, JALIL, Department of Plant Protection, College of Agricultural Sciences, Guilán University, P.O. Box 41635-1314, Rasht, Iran; **E-Mail:** hajizadeh@guiian.ac.ir
- HALLIDAY, ROBERT B., Research Fellow (Acarology), CSIRO Entomology, GPO Box 1700, Canberra, ACT 2601, Australia; **E-Mail:** bruce.halliday@csiro.au
- ITO, YUYA, Ishihara Sangyo Kaisha LTD, Center Research Institute, 2-3-1 Nishishibukawa, Kusatsu, Shiga 5250025, Japan; **E-Mail:** yu-itou@iskweb.co.jp
- IWASSAKI, LARISSA A., Instituto Biológico, APTA, Rodovia Heitor Penteado km 3.5, Caixa Postal 70, Campinas, SP CEP 13001-970, Brazil; **E-Mail:** iwassaki.akemi@gmail.com
- JANSSEN, ARNE, Section Population Biology, IBED, University of Amsterdam, Science Park 904, 1098 XH Amsterdam, The Netherlands; **E-Mail:** arne.Janssen@uva.nl
- JANSSEN, DESIREE, Department of Animal Health and Antimicrobial Strategies, National Veterinary Institute, 75189 Uppsala, Sweden; **E-Mail:** desiree.jansson@sva.se
- JIMÉNEZ, SOFIA, Departamento de Fitossanidade, FCAV-UNESP, 144884-900 Jaboticabal - SP, Brazil; **E-Mail:** saposoa40\_20@hotmail.com
- JOHARCHI, OMID, Islamic Azad University, Department of Plant Protection, Yazd Branch, Yazd, Iran; **E-Mail:** joharchi@iauyazz.ac.ir
- KACZMAREK, SLAWOMIR, Kazimierz Wielki University, Institute of Environmental Biology, Department of Zoology, Ossolinskich 12, 85-094 Bydgoszcz, Poland; **E-Mail:** slawkacz@ukw.edu.pl
- KALÚZ, RNDR. STANISLAV, Slovak Academy of Sciences, Institute of Zoology, Dúbravská cesta 9, 845 06 Bratislava, Slovakia; **E-Mail:** stanislav.kaluz@savba.sk
- KAMCZYK, JACEK, University of Life Sciences, Department of Game Manag. & Environ. Protection, Wojska Polskiego 71C, 60-625 Poznań, Poland; **E-Mail:** jkam@up.poznan.pl
- KAMCZYK, JACEK, Univ. of Life Sciences, Dept. of Forest Protection, ul. Wojska Polskiego 71C, 60-625 Poznań, Poland; **E-Mail:** jkam@up.poznan.pl
- KARACA, MEHMET, Department of Biology, Faculty of Arts and Sciences, Pamukkale University, Kinikli, Denizli, Turkey; **E-Mail:** m.karaca\_86@hotmail.com

KAZAK, DR. CENGIZ, Department of Plant Protection, Agriculture Faculty, Cukurova University, 01330 Adana, Turkey; **E-Mail:** [cakazak@mail.cu.edu.tr](mailto:cakazak@mail.cu.edu.tr)

KAZEMI, SHAHROOZ, Department of Biodiversity, Institute of Sciences and High Technology and Environmental Sciences, Graduate University Advanced Technology, P.O. Box 76315-117, Kerman, Iran; **E-Mail:** [shahroozkazemi@yahoo.com](mailto:shahroozkazemi@yahoo.com)

KEMMITT, G., Dow AgroSciences Ltd., 3 Milton Park, Abingdon, Oxfordshire, OX14 4RN, United Kingdom; **E-Mail:** [gkemmitt@dow.com](mailto:gkemmitt@dow.com)

KHERADMAND, KATAYOON, Department of Entomology and Plant Pathology, College of Abouraihan, University of Tehran, P.O. Box 33955-159, Tehran, Iran; **E-Mail:** [kkheradmand@ut.ac.ir](mailto:kkheradmand@ut.ac.ir)

KIM, CHEOL-MIN, Department of Ecology and Evolutionary Biology, University of Connecticut, 75 North Eagleville Road, Storrs, CT 06269-3043, USA; **E-Mail:** [acarikim@gmail.com](mailto:acarikim@gmail.com)

KISHIMOTO, DR. HIDENARI, Citrus Research Division, Kuchinotsu, NARO Institute of Fruit Tree Science, Otsu 954, Nagasaki, 859-2501, Japan; **E-Mail:** [kisimoto@affrc.go.jp](mailto:kisimoto@affrc.go.jp)

KNAPP, MARKUS, R&D Entomology, Koppert Biological Systems, P.O. Box 155, 2650 AD Berkel en Rodenrijs, The Netherlands; **E-Mail:** [mknapp@koppert.nl](mailto:mknapp@koppert.nl)

KOHYT, JOANNA, Department of Ecology, Faculty of Biology and Environmental Protection, University of Silesia, Bankowa 9, 40-007 Katowice, Poland; **E-Mail:** [asiakohyt@gmail.com](mailto:asiakohyt@gmail.com)

KONTSCHÁN, DR. JENŐ, Plant Protection Institute, Centre for Agricultural Research, Hungarian Academy of Sciences, P.O. Box 102, 1525 Budapest, Hungary; **E-Mail:** [kontschan.jeno@agrar.mta.hu](mailto:kontschan.jeno@agrar.mta.hu)

KOWAL, JERZY, Department of Zoology and Ecology, University of Agriculture in Cracow, Mickiewicza 24/28, 30-059 Cracow, Poland; **E-Mail:** [kowaljerzy@o2.pl](mailto:kowaljerzy@o2.pl)

KUMAR, VIVEK, Mid-Florida Research & Education Center, University of Florida, 2725 South Binion Road, Apopka, FL 32703, USA; **E-Mail:** [vivekiari@ufl.edu](mailto:vivekiari@ufl.edu)

KUMARA, A.D.N.T., Crop Protection Division, Coconut Research Institute, Lunuwila, Sri Lanka; **E-Mail:** [adnthissakumara@yahoo.com](mailto:adnthissakumara@yahoo.com)

LARESCHI, DR. MARCELA, Centro de Estudios Parasitologicos y de Vectores, CEPAVE (CCT-La Plata, CONICET-UNLP), Bulevar 120 e/Av. 60 y calle 64, B1902CHX La Plata, Argentina; **E-Mail:** [mlareschi@cepave.edu.ar](mailto:mlareschi@cepave.edu.ar)

LEI, Z.R., Chinese Academy of Agricultural Sciences, Institute of Plant Protect, State Key Laboratory of Biology Plant Diseases & Insect Pests, Beijing 100103, China; **E-Mail:** [zrlei@ippcaas.cn](mailto:zrlei@ippcaas.cn)

LINDQUIST, DR. EVERE E., Invertebrate Biodiversity, Research Branch, Agriculture & Agri-Food Canada, K.W. Neatby Bldg., 960 Carling Avenue, Ottawa, ON, K1A 0C6, Canada; **E-Mail:** [lindquistm@primus.ca](mailto:lindquistm@primus.ca)

LIU, HUAI, Key Laboratory Entomology and Pest Control Engineering, Southwest Agriculture University, Chongqing 400716, China; **E-Mail:** [liuhuai@swu.edu.cn](mailto:liuhuai@swu.edu.cn)

MA, LI-MING, National Base for Control and Prevention, of Plague and Brucellosis, 85 Haiming West Road, Baicheng City, Jilin Province 137000, China; **E-Mail:** [mlmjls@sina.com](mailto:mlmjls@sina.com)

MADEJ, DR. GRAZyna, University of Silesia, Department of Ecology, ul. Bankowa 9, 40-007 Katowice, Poland; **E-Mail:** [grazyna.madej@us.edu.pl](mailto:grazyna.madej@us.edu.pl)

MAGGI, MATIAS D., Conseja Nacional de Investigaciones Cientificas y Técnicas, CONICET, Rivadavia 1917, C1033AJ Buenos Aires, Argentina; **E-Mail:** [biomaggi@gmail.com](mailto:biomaggi@gmail.com)

MAHMOOD, RASHID, National Agricultural Research Centre, Honeybee Research Institute, Islamabad, Pakistan; **E-Mail:** [rashid\\_entol@yahoo.com](mailto:rashid_entol@yahoo.com)

MAKAROVA, DR. OLGA L., Severtsov Institute of Ecology and Evolution, Russian Academy of Sciences, 33 Leninskij pr., Moscow 119071, Russia; **E-Mail:** [ol\\_makarova@mail.ru](mailto:ol_makarova@mail.ru)

MANDAL, DEBALINA, Department of Zoology, Vidyasagar College, CL Block, Salt Lake, Kolkata 700091, India; **E-Mail:** [mandaldebalina284@gmail.com](mailto:mandaldebalina284@gmail.com)

MANU, DR. MINODORA, Romanian Academy, Institute

- of Biology, Department of Ecology, Taxonomy and Nature Conservation, no. 296 Splaiul Independentei, 060031 Bucharest, Romania; **E-Mail:** minodora\_stanescu@yahoo.com
- MARCHENKO, DR. IRINA I., Institute of Systematics and Ecology of Animals, Russian Academy of Sciences, Siberian Branch, Frunze str. 11, 630091 Novosibirsk, Russia; **E-Mail:** gamasina@rambler.ru
- MARQUARDT, TOMASZ, Department of Evolutionary Biology, Faculty of Natural Sciences, Kazimierz Wielki University, Ossolinskich 12, 85-094 Bydgoszcz, Poland; **E-Mail:** tomasz.marquardt@ukw.edu.pl
- MARQUES, RENATA V., Program in Plant Science, Federal University of Tocantins (UFT), PO BOX 66, Gurupi, TO, Brazil; **E-Mail:** renatamarques@uft.edu.br
- MARTELLI, ROBERTA, University of Bologna, Department of Agricultural & Food Sciences, Via G Fanin 50, 40127 Bologna, Italy; **E-Mail:** roberta.martelli@uniboa.it
- MASÁN, DR. PETER, Institute of Zoology, Slovak Acad. of Sciences, Dúbravská cesta 9, 845 06 Bratislava, Slovakia; **E-Mail:** peter.masan@savba.sk
- MATSUMOTO, YOSHIKI, Laboratory of Animal Science, Faculty of Agriculture, Kagawa University, Miki-cho, Kagawa, 761-0795, Japan; **E-Mail:** myoshiki@ag.kagawa-u.ac.jp
- MENDES, M.M., Laboratório de Parasitologia Animais Silvestres, DEMP - Instituto de Biologia, Campus Universitário Capao do Leao, s/n, CEP 96010-900, Capao do Leao, RS, Brazil; **E-Mail:** mariannamendes@hotmail.com
- MESSELINK, GERBEN J., Wageningen UR Greenhouse Horticulture, PO Box 20, 2265 ZG Bleiswijk, The Netherlands; **E-Mail:** gerben.messelink@wur.nl
- MOCHIZUKI, MASATOSHI, NARO Institute of Fruit Tree Science, Okitsu, Shimizu, Shizuoka 424-0292, Japan; **E-Mail:** mmochizu@affrc.go.jp
- MOGHADASI, MONA, Department of Plant Protection, Faculty of Agriculture, University of Tehran, Karaj, Iran; **E-Mail:** moghadasi@ut.ac.ir
- MOHAMED, OMAR M.O., Plant Protection Research Institute, Giza, Egypt
- MORAZA, PROF. MARIA L., Departamento de Biología Ambiental, Facultad de Ciencias, Universidad de Navarra, C/ Irúnlarrea nº1, 31080 Pamplona, Spain; **E-Mail:** mlmoraza@unav.es
- MOREIRA, GRAZIELLE F., Departamento de Fitossanidade, Universidade Estadual Paulista (UNESP), Campus de Jaboticabal, 14884-900 Jaboticabal, São Paulo, Brazil; **E-Mail:** grabiologia@yahoo.com.br
- MUL, MONIQUE F., Wageningen University and Research Center, Livestock Research, PO Box 65, 8200 AB Lelystad, The Netherlands; **E-Mail:** Monique.Mul@wur.nl
- MUTISYA, DANIEL L., KARI-Katumani, P. O. Box 340-90100, Machakos, Kenya; **E-Mail:** dlmutisya@gmail.com
- MUZ, MUSTAFA N., Namik Kemal Üniversitesi, Veteriner Fakültesi, Parazitoloji Anabilim Dalı, 59030 Tekirdağ, Turkey; **E-Mail:** mustafamuz@nku.edu.tr
- NAPIERALA, AGNIESZKA, Department of General Zoology, Faculty of Biology, A. Mickiewicz University, Umultowska 89, 61-614 Poznań, Poland; **E-Mail:** agan@amu.edu.pl
- NAZIR, NALIA, Department of Entomology, University of Poonch Rawalakot, Azad Kashmir, Pakistan; **E-Mail:** nzbsc\_127@yahoo.com
- NEGM, MOHAMED W., Department of Plant Protection, College of Food & Agriculture Sciences, King Saud University, P.O. Box 2460, Riyadh 11451, Saudi Arabia; **E-Mail:** waleednegm@yahoo.com
- NUVOLONI, FELIPE M., Universidade Estadual Paulista, UNESP, Instituto de Biociências Letras & Ciências Exatas, Campus SJ Rio Preto, 15054-000 São Paulo, Brazil; **E-Mail:** felipe\_nuvoloni@hotmail.com
- OSAKABE, MASAHIRO, Laboratory of Ecological Information, Graduate School of Agriculture, Kyoto University, Oiwake-cho Kitashirakawa, Sakyo-ku, 606-8502 Kyoto, Japan; **E-Mail:** mhosaka@kais.kyoto-u.ac.jp
- OSTOVAN, DR. HADI, Department of Entomology, Fars Science and Research Branch, Islamic Azad University, P.O. Box 19395-1775, Fars, Iran; **E-Mail:** ostovan2001@yahoo.com

OTSUKI, HATSUNE, Laboratory of Ecological Information, Graduate School of Agriculture, Kyoto University, Sakyo-ku, Kyoto 606-8502, Japan; **E-Mail:** ootsuki.hatsune.44e@st.kyoto-u.ac.jp

ÖZBEK, HASAN H., Faculty of Science and Arts, Erzincan University, Erzincan, Turkey; **E-Mail:** hozbek@erzincan.edu.tr

PALEVSKY, ERIC, Departmet of Entomology, Agricultural Research Organization (ARO), P.O. Box 1021, 30095 Ramat Yishay, Israel; **E-Mail:** palevsky@volcani.agri.gov.il

PAROLIN, PIA, French National Institute for Agricultural Research (INRA), ISA - TEAPEA, 1355, BP 167, 06903 Sophia Antipolis, France; **E-Mail:** Pia.Parolin@sophia.inra.fr

PILSKOG, HANNE E., Norwegian University of Life Sciences, P.O. Box 5003, 1432 Aas, Norway; **E-Mail:** hanne.pilskog@nmbu.no

PIRK, CHRISTIAN W.W., Social Insect Research Group, Department of Zoology and Entomology, University of Pretoria, Private Bag X20, Hatfield, Pretoria 0028, South Africa; **E-Mail:** cwwpirk@zoology.up.ac.za

POMERANTZ, AARON F., Department of Entomology & Nematology, University of Florida, P.O. Box 110620, Gainesville, FL 32611-0620, USA; **E-Mail:** pomerantzaaron@gmail.com

POZZEBON, ALBERTO, University of Padua, DAFNAE, Viale dell'Università 16, 35020 Padova, Legnaro, Italy; **E-Mail:** alberto.pozzebon@unipd.it

PUCHALSKA, EWA K., Department of Applied Entomology, Faculty of Horticulture, Biotchnol. and Landscape Architecture, Warsaw University of Life Sciences, Warsaw, Poland; **E-Mail:** ewa\_puchalska@sggw.pl

QIN, HOU GUO, Institute of Plant Protection, Jiangxi Academy of Agricultural Sciences, Nanchang 330200, China; **E-Mail:** hgqin999@163.com

QUERALT, M., Departamento de Biología Ambiental., Facultad de Ciencias, Universidad de Navarra, C/ Irúnlarrea, s/n, 31008 Pamplona (Navarra), Spain; **E-Mail:** mqueralt@alumni.unav.es

RAHMANI, HASAN, Department of Plant Protection, Faculty of Agriculture, Zanjan University, P.O. Box

313, Zanjan, Iran; **E-Mail:** rahmani\_hsn@yahoo.com

RAMROODI, SARA, Department of Plant Protection, Faculty of Agricultural Sciences, University of Guilan, P.O. Box: 41635-1314, Rasht, Iran; **E-Mail:** sara\_ramroodi@yahoo.com

RAY, HALEIGH A., Department of Entomology and Nematology, University of Florida, P.O. Box 110620, Gainesville, FL 32611-0620, USA; **E-Mail:** hray12@ufl.edu

REIS, PAULO, Empresa de Pesquisa Agropecuária de Minas Gerais, Sul de Minas/EcoCentro, Caixa Postal 176, CEP 37200-000, Lavras, MG, Brazil; **E-Mail:** paulo.rebelles@epamig.ufla.br

REZENDE, JOSÉ MARCOS, PPG – Biología Animal, UNESP-Universidade Estadual Paulista, Rua Cristóvao Colombo, 2265, Jardim Nazareth, 15054-000 São José do Rio Preto, SP, Brazil; **E-Mail:** jmrezende@live.com

ROCHA, MARLIZA D., UNIVATES, Ctr. Univ., Museu Ciencias Nat., Lab. Acarol., , BR-95900000 Lajeado, RS, Brazil; **E-Mail:** mrocha0602@gmail.com

RODRIGUEZ, HÉCTOR, Departamento Biología-Sanidad Vegetal, Facultad de Agronomía, Universidad Agraria de La Habana, San José de las Lajas, Mayabeque, CP 32700, Cuba; **E-Mail:** morell\_66@unah.edu.cu

ROMEIH, AMAL H.M., Zoology and Agricultural Nematology Department, Faculty of Agriculture, Cairo University, Giza, Egypt

SACHANOWICZ, KONRAD, Museum and Institute of Zoology, Polish Academy of Sciences, Wilcza 64, 00-679 Warszawa, Poland; **E-Mail:** chassan@poczta.onet.pl

SAITO, YUTAKA, Laboratory of Animal Ecology, Research Faculty of Agriculture, Hokkaido University, Sapporo, Hokkaido, 060-8589, Japan; **E-Mail:** yutsat@res.agr.hokudai.ac.jp

SAITO, MIKI, Hokkaido Research Organization, Central Agricultural Experiment Station, Higashi 6 Kita 15, Naganuma, Hokkaido 069-1395, Japan; **E-Mail:** saito-miki@hro.or.jp

SANTOS, JANDIR S., Departamento de Fitossanidade,

- FCAV-UNESP, 14884-900 Jaboticabal, Sao Paulo, Brazil; **E-Mail:** [jandir\\_jc@hotmail.com](mailto:jandir_jc@hotmail.com)
- SARMENTO, RENATO A., Universidade Federal de Tocantins (UFT), PO Box 66, Gurupi, State of Tocantins, Brazil; **E-Mail:** [rsamento@uft.edu.br](mailto:rsamento@uft.edu.br)
- SCHILLIGER, LIONEL H., Vet Clin Auteuil Village, 35 Rue Leconte Lisle, 75016 Paris, France; **E-Mail:** [Dr.L.Schilliger@clinvet-auteuil.com](mailto:Dr.L.Schilliger@clinvet-auteuil.com)
- SEIEDY, MARJAN, School of Biology and Center of Excellence, in Phylogeny of Living Organisms, College of Science, University of Tehran, 14155-6455 Tehran, Iran; **E-Mail:** [mseyyedi@ut.ac.ir](mailto:mseyyedi@ut.ac.ir)
- SEKO, TOMOKAZU, National Agricultural Research Center, Western Region Agricultural Research Center, Fukuyama, Hiroshima 7218514, Japan; **E-Mail:** [sekot@affrc.go.jp](mailto:sekot@affrc.go.jp)
- SHAW, MATTHEW D., Microbiology and Parasitology, School of Chemistry & Molecular Research, University of Queensland, St. Lucia 4072, Australia; **E-Mail:** [m.shaw@internode.on.net](mailto:m.shaw@internode.on.net)
- SHIPP, LES, Agric. Agri-Food Canada, Greenhouse and Processing Crops Res. Centre, 2585 Highway 20, E., Harrow, ON, N0R 1GO, Canada; **E-Mail:** [Les.shipp@agr.gc.ca](mailto:Les.shipp@agr.gc.ca)
- SIKORA, MGR. BOZENA, Dept. of Animal Morphology, Adam Mickiewicz University, Faculty of Biology, Umultowska 89, 61-614 Poznan, Poland; **E-Mail:** [boszka@amu.edu.pl](mailto:boszka@amu.edu.pl)
- SOURASSOU, NAZER F., Departamento de Entomologia e Acarologia, ESALQ, Universidade de São Paulo, C.P. 9, 13418-900 Piracicaba, SP, Brazil; **E-Mail:** [sfamah@yahoo.com](mailto:sfamah@yahoo.com)
- SPARAGANO, OLIVIER, Coventry University, Vice-Chancellor Office, Coventry CV1 5FB, United Kingdom; **E-Mail:** [Olivier.sparagano@coventry.ac.uk](mailto:Olivier.sparagano@coventry.ac.uk)
- SPONCHIADO, JONAS, Programa de Pós-Graduação em Biodiversidade Animal, CCNE, Universidade Federal de Santa Maria, Av. Roraima 1000, Santa Maria, RS 97110-970, Brazil; **E-Mail:** [jsponchiado@yahoo.com.br](mailto:jsponchiado@yahoo.com.br)
- STOJNIC, BOJAN, Belgrade University, Faculty of Agriculture, Nemanjina 6, P.O.Box 127, 11081 Beograd, Serbia; **E-Mail:** [bstojnic@agrif.bg.ac.rs](mailto:bstojnic@agrif.bg.ac.rs)
- TAKAKU, DR. GEN, Biological Laboratory, Hokkaido University of Education Sapporo, 5-3-1 Ainosato, Kita-ku, Sapporo, 002-8502, Japan, **E-Mail:** [takaku.gen@s.hokkyodai.ac.jp](mailto:takaku.gen@s.hokkyodai.ac.jp)
- TEODORO, ADRIANO V., Embrapa Coastal Tablelands, Av. Beira-Mar 3250, Jardins, PO Box 44, Aracaju, SE, Brazil; **E-Mail:** [adenir.teodoro@embrapa.br](mailto:adenir.teodoro@embrapa.br)
- TEODOROWICZ, EWA, University of Life Sciences, Department of Forest Protection, ul. Wojska Polskiego 71C, 60-625 Poznan, Poland; **E-Mail:** [ewateo@up.poznan.pl](mailto:ewateo@up.poznan.pl)
- TSAGKARAKIS, ANTONIOS E., Agriculture University of Athens, Laboratory of Agricultural Zoology and Entomology, Iera Odos st 75, 118 55 Athens, Greece; **E-Mail:** [atsagarakis@hua.gr](mailto:atsagarakis@hua.gr)
- TSOLAKIS, DR. HARALABOS, Universtiyy Palermo, Dept. Agricultural and Forest Sciences, Labor. Appl. Acarol., Edifice 5A, Viale delle Scienze 13, 90128 Palermo, Italy; **E-Mail:** [haralabos.tsolakis@unipa.it](mailto:haralabos.tsolakis@unipa.it)
- ULRICHS, PROF. DR. CHRISTIAN, Lebenswissenschaftliche Fakultät, Humboldt-Universität zu Berlin, Unter den Linden 6, 10099 Berlin, ; **E-Mail:** [christian.ulrichs@agrar.hu-berlin.de](mailto:christian.ulrichs@agrar.hu-berlin.de)
- VANGANSBEKE, DOMINIEK, Laboratory of Agrozoology, Department of Crop Protection, Ghent University, Coupure Links 653, 9000 Ghent, Belgium; **E-Mail:** [dominiek.vangansbeke@Ugent.be](mailto:dominiek.vangansbeke@Ugent.be)
- WAKED, A. DALIA, Plant Protection Research Institute, ARC, Giza, Egypt; **E-Mail:** [dr.dalia188@yahoo.com](mailto:dr.dalia188@yahoo.com)
- WALZER, MAG. ANDREAS, Universität für Bodenkultur, Institut für Pflanzenschutz, Department für Angewandte Pflanzenwissenschaften u. Pflanzenbiotechnologie (DAPP), Peter Jordan Str. 82, 1190 Wien, Austria; **E-Mail:** [andreas.walzer@boku.ac.at](mailto:andreas.walzer@boku.ac.at)
- WARABIEDA, WOJCIECH, Research Institute of Pomology and Floriculture, Plant Protection Department, Pomologiczna 18 Str., 96-100 Skieriewice, Poland; **E-Mail:** [Wojciech.Warabieda@inhort.pl](mailto:Wojciech.Warabieda@inhort.pl)
- WITALINSKI, PROF. WOJCIECH, Department of Comparative Anatomy, Institute of Zoology, Jagiellonian University, Gronostajowa 9, 30 387 Krakow, Poland; **E-Mail:**

**w.witalinski@gmail.com**

WU, KE, University of Florida, Department of Entomology & Nematology, P.O. Box 11620, Gainesville, FL 32611, USA; **E-Mail:** [kewu@ufl.edu](mailto:kewu@ufl.edu)

XIE, HUI, Laboratory of Plant Nematology, Research Center of Nematodes of Plant Quarantine, South China Agric. Univ., Guangzhou 510642, China; **E-Mail:** [xiehui@scau.edu.cn](mailto:xiehui@scau.edu.cn)

ZAHIRNIA, DR. AMIR HOSSEIN, Department of Medical Entomology, School of Medicine, Hamedan University of Medical Science, Hamedan, Iran; **E-Mail:** [Zahirnia@umsha.ac.ir](mailto:Zahirnia@umsha.ac.ir)

ZAPPALÀ, LUCIA, Dipartimento di Agricoltura, Alimentazione e Ambiente (Di3A), University of Catania, Via Santa Sofia 100, 95123 Catania, Italy; **E-Mail:** [lzappala@unict.it](mailto:lzappala@unict.it)

ZEBITZ, CLAUS P.W., Institut für Phytomedizin, Universität Hohenheim, 70593 Stuttgart, Germany; **E-Mail:** [Claus.Zebitz@uni-hohenheim.de](mailto:Claus.Zebitz@uni-hohenheim.de)

ZHANG, HONG-YU, State Key Lab of Agricultural Microbiology, College of Plant Science and Technology, Huazhong Agricultural Univ, Wuhan, Hubei, China; **E-Mail:** [hongyu.zhang@mail.hzau.edu.cn](mailto:hongyu.zhang@mail.hzau.edu.cn)

















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