

# ACARI

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**Actinedida**

# ACARI

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In ACARI Bibliographia Acarologica each year are compiled the internationally available papers published on Mesostigmata, Oribatida and Actinedida, as far as they have come to our knowledge. In this bibliography on the Actinedida the family Eriophyidae and the paraphyletic “Hydracarina” are excluded because literature databanks of these groups are available elsewhere.

In the present volume of Actinedida are included 439 titles and 147 new described species and genera. The majority of the articles concern ecology (52 %), taxonomy (26 %), faunistics (11 %) and biology (7 %). The databank of acarological literature of Actinedid mites cited in ACARI has now accumulated 9,475 papers on 4,542 species. The databank as well as previous issues of ACARI can be accessed via <http://www.senckenberg.de/Acari>.

Scans or pdf of the majority of cited papers are present in the Section Arachnida of the Senckenberg Museum of Natural History in Görlitz. We expressly thank all authors who have assisted us and sent pdf or scans of their papers. As with any journal, mistakes and omissions are unavoidable therefore critique and suggestions are welcome and explicitly called for. Please inform us if we have failed to list any of your publications in the Bibliographia and we will include them in later volume.

## Acarological literature

Literature citations printed in bold type contain descriptions of new species. Titles marked with “\*” were only found as a citation or abstract.

## Publications 2021

ABDEM, M.H. / ABDALLAH, A.M. / GABER, W.M. (2021): Biological aspects of *Typhlodromus athiasae* Porath and Swirski when fed on red spider mite, *Tetranychus urticae* Koch and brown citrus mite, *Eutetranychus orientalis* (Klein). - Egypt. Acad. J. Biol. Sci., A. Entomology 14,1: 141-145

ABO-ELMAGED, T.M. / ABDEL-WAHAB, M.A. / ABDEL-RAHMAN, M.A.A. / ABD-ALLAH, A.H.A. (2021):\* Activity of the two spotted spider mite, *Tetranychus urticae* (Koch) (Acari) infesting cucumber plants in upper Egypt. - Intern. J. Trop. Ins. Sci. 41,1: 463-469

ABOU-ELELLA, G.M. / HASSAN, M.F. / ELSAEIDY, E.M.A.K. / NAWAR, M.S. / ZIDAN, I.M. (2021): How organic medicinal plants affect life table parameters of *Tetranychus urticae* (Acari: Tetranychidae)? - Persian J. Acarol. 10,1: 69-83

Koch) (Acari) infesting cucumber plants in upper Egypt. - Intern. J. Trop. Ins. Sci. 41,1: 463-469

ABOU-ELELLA, G.M. / HASSAN, M.F. / ELSAEIDY, E.M.A.K. / NAWAR, M.S. / ZIDAN, I.M. (2021): How

- organic medicinal plants affect life table parameters of *Tetranychus urticae* (Acari: Tetranychidae)? - Persian J. Acarol. 10,1: 69-83
- ACICI, M. / DEMIRTAS, S. / GÜRLER, A.T. / BÖLÜKBAS, C.S. / UMUR, S. (2021): A diagnostic survey of chigger mites (Acari: Trombiculidae) of wild rodents and soricomorphs in Turkey. - Kafkas Univ. Vet. Fak. Derg. 27,1: 123-128
- ADESANYA, A.W. / LAVINE, M.D. / MOURAL, T.W. / LAVINE, L.C. / ZHU, F. / WALSH, D.B. (2021):\* Mechanisms and management of acaricide resistance for *Tetranychus urticae* in agroecosystems. - J. Pest Sci. 94: 639-663
- AKYAZI, R. / WELBOURN, C. / LIBURD, O.E. (2021): Mite species (Acari) on blackberry cultivars in organic and conventional farms in Florida and Georgia, USA. - Acarologia 61,1: 31-45
- AKYOL, M. (2021): Two new records of stigmatid mites (Acari: Stigmatidae) for the Turkish Fauna. - KSU J. Agric. Nat. 24,2: 430-434
- AKYOL, M. (2021): A new record for the mite fauna of Turkey: *Molothroglyphus shirazicus* (Acari, Caligonellidae) and the first description of its protonymph. - Acarol. Stud. 3,1: 43-47
- ALAKHDAR, H.H. / ABOU-SETTA, M.M. (2021):\* Efficacy of three elicitors on *Tetranychus urticae* Koch (Acari: Tetranychidae) infestation level and its associated natural enemies on *Phaseolus vulgaris* L. and their effects on plant parameters. - Phytoparasitica; DOI: 10.1007/s12600-021-00931-x
- ALHEWAIIRINI, S.S. / AL-AZZAZY, M.M. / GHANI, S.B.A. / AL-DEGHAIIRI, M.A. (2021):\* A new strategy for controlling the date palm mite, *Oligonychus afrasiaticus* (McGregor) and *Eutetranychus palmatus* Attiah (Acari, Tetranychidae) using Cinnamaldehyde. - Pak. J. Agric. Sci. 58,2: 783-789
- ANTONOVSKAIA, A. / STEKOLNIKOV, A.A. (2021): Redescriptions of ten chigger mite species (Acariformes: Trombiculidae) from Vietnam. - Zootaxa 4969,1: 1-53
- ARAKAWA, K. / MORI, M. / KONO, N. / SUZUKI, T. / GOTOH, T. / SHIMANO, S. (2021):\* Proteomic evidence for the silk fibroin genes of spider mites (order Trombidiformes: family Tetranychidae). - J. Proteomics 239: 104195; DOI: 10.1016/j.jprot.2021.104195
- ARAUJO LIRA, V. DE / VITERI JUMBO, L.O. / SANTOS DE FREITAS, G. / SOARES REGO, A. / SERRA GALVAO, A. / TEODORO, A.V. (2021):\* Efficacy of *Amblyseius largoensis* (Muma) as a biocontrol agent of the red palm mite *Raoiella indica* (Acari, Tenuipalpidae). - Phytoparasitica 49: 103-111
- ARTHUR, A.L. / MAINO, J. / HOFFMANN, A.A. / JASPER, M. / LORD, A. / MICIC, S. / EDWARDS, O. / VAN ROOYEN, A. / UMINA, P.A. (2021): Learnings from over a decade of increasing pesticide resistance in the redlegged earth mite, *Halotydeus destructor* (Tucker). - Pest Manag. Sci. 77: 3013-3024
- ATAKAN, E. / SARIDAS, M.A. / PEHLIVAN, S. / ACHIRI, T.D. / CELIKTOPUZ, E. / KAPUR, B. (2021): Influence of irrigation regimes on yield, pomological parameters and population development of *Tetranychus cinnabarinus* Boisdu. (Acari: Tetranychidae) in strawberry. - Syst. Appl. Acarol. 26,7: 1241-1253
- BARROS FERRAZ, J.C. / GOMES, NETO, A.V. / DE FRANCA, S.M. / RAMALHO SILVA, P.R. / DA SILVA MELO, J.W. / DE LIMO, D.B. (2021): Temperature-dependent development and reproduction of *Oligonychus punicae* (Acari: Tetranychidae) on Eucalyptus. - Syst. Appl. Acarol. 26,5: 918-927
- BASAK, R. / AKTER, M. / TUMPA, T.A. / SHARMIN, D. / ULLAH, M.S. (2021): Laboratory bioassay of six pesticides, an entomopathogenic fungus, and a botanical pesticide on two-spotted spider mite, *Tetranychus urticae* Koch (Acari: Tetranychidae). - Persian J. Acarol. 10,3: 269-280
- BASSINI-SILVA, R. / HUANG-BASTOS, M. / MORAIS, D.H. / ALCANTARA, E.P. / AVILA, R.W. / WELBOURN, C. ET AL. (2021): A new species of *Hannemania* Oudemans, 1911 (Trombidiformes: Leeuwenhoekidae) from Brazil. - J. Nat. Hist. 55,19-20: 1277-1287**
- BASSINI-SILVA, R. / HUANG-BASTOS, M. / OCONNOR, B.M. / KLIMOV, P. / WELBOURN, C. / OCHOA, R. / BARROS-BATTESTI, D.M. / JACINAVICIUS, F. DE C. (2021): A new species of *Boshkerria* and redescription of *B. punctata* (Boshell and Kerr) (Trombidiformes: Trombiculidae). - Intern. J. Acarol. 47,4: 308-316**
- BASSINI-SILVA, R. / HUANG-BASTOS, M. / WELBOURN, C. / OCHOA, R. / BARROS-BATTESTI, D.M. (2021): Redescription of *Brennanacarus annereauxi* (Trombidiformes: Trombiculidae) with new records for Uruguay. - J. Med. Entomol. 58,1: 261-266

- BASSINI-SILVA, R. / HUANG-BASTOS, M. / WELBOURN, C. / OCHOA, R. / BARROS-BATTESTI, D.M. / JACINAVICIUS, F. DE C. (2021): A new genus of chiggers (Trombidiformes: Trombiculidae) from bats in Jamaica. - *Acta Parasitol.*: 7 pp.; DOI: 10.1007/s11686-021-00336-0
- BASSINI-SILVA, R. / HUANG-BASTOS, M. / WELBOURN, C. / OCHOA, R. / BARROS-BATTESTI, D.M. / JACINAVICIUS, F. DE C. (2021): Description of *Goffacarus* n. gen., to reallocate the species *Euschoengastia latchmani* Brennan and Yunker and *Euschoengastia obscura* Wrenn and Loomis (Trombidiformes: Trombiculidae). - *Acta Parasitol.*: 10 pp.; DOI: 10.1007/s11686-021-00420-5
- BASSINI-SILVA, R. / JACINAVICIUS, F. DE C. / OLIVEIRA, M. / PEINADO, L.C. / FAXINA, C. / MOREIRA-LIMA, L. / WELBOURN, C. ET AL. (2021): A revision of *Parasecia* (Trombidiformes: Trombiculidae) with a description of a new species, a new genus and a key to species. - *J. Med. Entomol.* 58,1: 146-181
- BASSINI-SILVA, R. / JACINAVICIUS, F. DE C. / OLIVEIRA, M. / PEINADO, L.C. / FAXINA, C. / MOREIRA-LIMA, L. / WELBOURN, C. ET AL. (2021): Corrigendum to: A revision of *Parasecia* (Trombidiformes: Trombiculidae) with a description of a new species, a new genus and a key to species. (*J. Med. Entomol.* 58,1 (2021): 146-181) - *J. Med. Entomol.* 58,1: 498
- BASSINI-SILVA, R. / JACINAVICIUS, F. DE C. / WELBOURN, C. / HUANG-BASTOS, M. / OCHOA, R. / BARROS-BATTESTI, D.M. (2021): Taxonomic notes on *Neoschoengastia esorhina* Brennan, 1971 (Trombidiformes: Trombiculidae), a chigger species from Brazil. - *Intern. J. Acarol.* 47,2: 137-141
- BASTINI RAD, D. / ASADI, M. (2021): A new species of the genus *Phytoptipalpus* (Acari: Tenuipalpidae) from Iran. - *Intern. J. Acarol.* 47,1: 1-7
- BAUMANN, J. (2021): Patterns of intraspecific morphological variability in soil mites reflect their dispersal ability. - *Exp. Appl. Acarol.* 83,2: 241-255
- BERGERON, P.E. / SCHMIDT-JEFFRIS, R.A. (2021): Spider mite resistance to miticides in South Carolina strawberry and implications for improved integrated pest management. - *Exp. Appl. Acarol.* 84,2: 407-418
- BHULLAR, M.B. / KAUR, P. / KUMAR, S. / SHARMA, R.K. / KUMAR, R. / KUMARI, S. / SINGH, V. / KAUR, A. / KAUR, J. / SHARMA, U. / KAUR, J. (2021): Management of mites with homemade neem fruit aqueous extract in *Capsicum* under protected cultivation. - *Persian J. Acarol.* 10,1: 85-94
- BIZARRO, G.L. / PÉRICO, E. / DALZUCHIO, M. / DA SILVA, G.L. / FERLA, N.J. / JOHANN, L. (2021): Aquatic larval of the genus *Arrenurus* (Trombidiformes: Parasitengonina: Arrenuridae) associated with Odonata species from Pampa Biome, Brazil. - *Biota Neotropica* 21,2: e20201157; 8 pp.; DOI: 10.1590/1676-0611-bn-2020-1157
- BIZIN, M.S. / BORISENKO, G.V. / MAKAROVA, O.L. (2021): Impact of environmental factors on the formation of soil-mite (Acari) assemblages on coastal marshes of Shokalsky Island, Kara Sea. - *Contemp. Probl. Ecol.* 14,2: 112-127 published in *Sibirskii Ekol. Zh.* 2021 (2): 144-161 [Orig. Russ.]
- BUFFON, G. / BLASI, E.A.D. / LAMB, T.I. / ADAMSKI, J.M. / SCHWAMBACH, J. / RICACHENEVSKY, F.K. / BERTOLAZI, A. / SILVEIRA, V. / LOPES, M.C.B. / SPEROTTO, R.A. (2021):\* *Oryza sativa* cv. Nipponbare and *Oryza barthii* as unexpected tolerance and susceptibility sources against *Schizotetranychus oryzae* (Acari: Tetranychidae) mite infestation. - *Front. Plant Sci.* 12: 613568; DOI: 10.3389/fpls.2021.613568
- BUGA, E. / SEVSAY, S. (2021): Two new species and three new records of the genus *Diplothrombium* (Acari: Johnstonianidae) from Turkey. - *Syst. Appl. Acarol.* 26,1: 15-32
- CASTRO-RESENDIZ, C.A. / OTERO-COLINA, G. / QUIJANO-CARRANZA, J.A. / MARTÍNEZ-MEYER, E. / GONZÁLEZ-HERNÁNDEZ, H. ET AL. (2021): Potential areas for the establishment of citrus leprosis virus vectors, *Brevipalpus* spp., in Mexico. - *Exp. Appl. Acarol.* 84,2: 365-388
- CHAIRES-GRIJALVA, M.P. / VAZQUEZ-ROJAS, I.M. / MARTINEZ-LUQUE, E.O. / RUIZ-CANCINO, E. / CORONADO-BLANCO, J.M. (2021): New host data and distribution for an ectoparasitic larva of *Leptus* at Tamaulipas, Mexico. - *Southw. Entomol.* 46,1: 265-269
- CHAIRES-GRIJALVA, M.P. / VAZQUEZ-ROJAS, I.M. / MEJIA-RECAMIER, B.E. / RUIZ-CANCINO, E. / CORONADO-BLANCO, J.M. (2021):\* Population dynamics of the predator mite *Bdella longistriata* collected by Malaise Trap at Tula, Tamaulipas, Mexico. - *Southw. Entomol.* 46,1: 129-136

- CHAPURINA, Y.E. / BOLOTOV, I.N. / VIDRINE, M.F. / VIKHREV, I.V. / LUNN, Z. / CHAN, N. / WIN, T. / BESPALAYA, Y.V. ET AL. (2021): **Taxonomic richness and host range of tropical Asian mussel-associated mite assemblages (Acari, Unionicolidae) with a description of a new subgenus and species of parasite mite from freshwater pearl mussels (Unionida, Margaritiferidae).** - *J. Zool. Syst. Evol. Res.* 59,3: 613-634
- CHEN, J.-X. / YI, T.-C. / GUO, J.-J. / JIN, D.-C. (2021): **Two new species of *Armscirus* (Acariformes: Cunaxidae) from China.** - *Acarologia* 61,2: 453-467
- CHEN, Y. / LUO, J. / WAN, N. / JIANG, J. / DAI, G. (2021):\* Carmine spider mite *Tetranychus cinnabarinus* control: Laboratory and field efficacy and biochemical characterization of 2, 4-Di-Tertbutylphenol and Ethyl Oleate. - *Crop Prot.* 139: 105390; DOI: 10.1016/j.cropro.2020.105390
- COBANOGLU, S. / ERDOGAN, T. / CILBIRCIUGLU, C. (2021): Review of heterostigmatic species (Acari: Prostigmata) in Turkey with four new records. - *Syst. Appl. Acarol.* 26,6: 1067-1080
- COBANOGLU, S. / ÖGRETEN, A. / SADE, E. (2021): The occurrence of *Paraneognathus wangae* (Fan & Li) (Acari: Caligonellidae) and *Raphignathus gracilis* Rack (Acari: Raphignathidae) of stored products in Turkey. - *J. Agric. Sci.* 27,2: 164-169
- COBANOGLU, S. / YESILAYER, A. / ÖGRETEN, A. (2021): *Brachytydeus armindae* (Momen & Lundqvist, 2005); a new tydeid record (Acari: Prostigmata), with a revised key to *Brachytydeus* Thor species of Turkey. - *J. Agric. Sci.* 27,1: 1-8
- COSTA, S.G. DOS SANTOS / WELBOURN, C. / KLIMOV, P. / PEPATO A.R. (2021): **Integrating phylogeny, ontology and systematics of the mite family Smarididae (Prostigmata, Parasitengona): Classification, identification key, and description of new taxa.** - *Syst. Appl. Acarol.* 26,6: 85-123
- DAMEDA, C. / WINTER BERTÉ, A.L. / DA SILVA, G.L. / JOHANN, L. / FERLA, N.J. (2021):\* *Euseius concordis* (Chant) (Acari: Phytoseiidae) as a potential agent for the control of yerba mate red mite *Oligonychus yothersi* (McGregor) (Acari: Tetranychidae). - *Phytoparasitica* 49: 377-383
- DANESHIAN, L. / SCHLACHTER, C. / TIMMERS, L.F.S.M. / RADFORD, T. / KAPINGIDZA, B. / DIAS, T. / LIESE, J. / SPEROTTO, R.A. / GRBIC, V. / GRBIC, M. / CHRUSZCZ, M. (2021):\* Delta class glutathione S-transferase (TuGSTd01) from the two-spotted spider mite *Tetranychus urticae* is inhibited by abamectin. - *Pest. Biochem. Physiol.* 176: 104873
- DE SANTANA, M.F. / CAMARA, C.A.G. / MONTEIRO, V.B. / DE MELO, J.P.R. / DE MORAES, M.M. (2021): Bioactivity of essential oils for the management of *Tetranychus urticae* Koch and selectivity on its natural enemy *Neoseiulus californicus* (McGregor): A promising combination for agroecological systems. - *Acarologia* 61,3: 564-576
- DE SANTANA, M.F. / DE OLIVEIRA, J.V. / BRENDA, M.O. / SILVA BARBOSA, D.R. / ESTEVES FILHO, A.B. / DE OLIVEIRA, C.M. (2021): Host preference, acaricides effects and population growth of *Polyphagotarsonemus latus* (Banks) (Acari: Tarsonemidae) on white and colored cotton cultivars. - *Pest Manag. Sci.* 77,1: 217-223
- DE SOUSA NETO, E.P. / FILGUEIRAS, R.M.C. / DE ALMEIDA MENDES, J. / MONTEIRO, N.V. / DE LIMA, D.B. / PALLINI, A. / DA SILVA MELO, J.W. (2021):\* A drought-tolerant *Neoseiulus idaeus* (Acari, Phytoseiidae) strain as a potential control agent of two-spotted spider mite, *Tetranychus urticae* (Acari, Tetranychidae). - *Biol. Contr.* 159: 104624; DOI: 10.1016/j.biocontrol.2021.104624
- DEMOLIN LEITE, G.L. / DOS SANTOS VELOSO, R.V. / SILVA, J.L. / AZEVEDO, A.M. / SOARES, M.A. / LEMES ALVES, P.G. / MATIOLI, A.L. / ZANUNCIO, J.C. (2021): Vertical extratratification of phytophagous and predator mites (Acari) on *Caryocar brasiliense* (Caryocaraceae) tree canopies. - *Persian J. Acarol.* 10,1: 121-125
- DERDAK, A. / FELSKA, M. / MAKOL, J. / ZAJKOWSKA, P. (2021): Different breeding conditions affect the morphological variability in larvae of *Platytrombidium fasciatum* (Trombidiformes: Microtrombidiidae). - *Syst. Appl. Acarol.* 26,6: 1055-1066
- DJOSSOU, R. / AZANDÉME-HOUNMALON, G.Y. / ONZO, A. / GNANVOSSOU, D. / ASSOGBA-KOMLAN, F. / TAMÓ, M. (2021):\* Susceptibility of ten tomato cultivars to attack by *Tetranychus evansi* Baker & Pritchard (Acari: Tetranychidae) under laboratory conditions. - *Intern. J. Trop. Ins. Sci.* 41,1: 425-431
- DOGAN, S. / DOGAN, S. (2021): ***Stigmaeus exilis*, a new fusiform species of *Stigmaeus* Koch (Acariformes: Stigmaeidae) from Sansa, Turkey.** - *Persian J. Acarol.* 10,1: 19-28

- DOGAN, S. / DOGAN, S. (2021): The first report of malformation in a stigmatid mite species, *Storchia robusta* (Berlese) (Acariformes: Stigmatidae). - Intern. J. Acarol. 47,3: 270-271
- DOGAN, S. / DOGAN, S. / KABASAKAL, B. (2021): Peritrematal variations in *Caligonella haddadi* Bagheri & Maleki (Acariformes: Caligonellidae). - Syst. Appl. Acarol. 26,6: 1021-1025
- DOGAN, S. / DOGAN, S. / KHANJANI, M. (2021): On some species of the genus *Ledermuelleriopsis* Willmann (Acariformes: Stigmatidae) in Turkey. - Syst. Appl. Acarol. 26,2: 455-463
- DÖKER, I. / KAZAK, C. / AY, R. (2021):\* Resistance status and detoxification enzyme activity in ten populations of *Panonychus citri* (Acari: Tetranychidae) from Turkey. - Crop Prot. 141: 105488; DOI: 10.1016/j.cropro.2020.105488
- DOUNGNAPA, T. / PUMNUAN, J. / INSUNG, A. (2021): Acaricidal activity of essential oil nanoemulsion against the African red mite (*Eutetranychus africanus*). - Chilean J. Agric. Res. 81,2: 228-236
- EL-SAYED, S.M. / EMAM, H.M. (2021): Effect of propolis extract (bee glue) on *Tetranychus urticae* Koch (Acari: Tetranychidae) under greenhouse conditions. - Persian J. Acarol. 10,3: 299-308
- ERNIEENOR, F.C.L. / NORJAIZA, M.J. / FADILLAH, A. / CANEDY, J. / MARIANA, A. (2021): Screening and genotyping of *Orientia tsutsugamushi* from field-collected on-host chiggers (Acari: Prostigmata) recovered from a positive scrub typhus locality in Kelantan, Malaysia. - Exp. Appl. Acarol. 84,1: 171-182
- ERSIN, F. / TURANLI, F. / ÇAKMAK, I. (2021): Development and life history parameters of *Typhlodromus recki* (Acari, Phytoseiidae) feeding on *Tetranychus urticae* (Acari, Tetranychidae) at different temperatures. - Syst. Appl. Acarol. 26,2: 496-508
- ESCOBAR GARCIA, H.A. / ANDRADE, D.J. / CARRILLO, D. / OCHOA, R. (2021): *Theobroma cacao*, a new host for *Brevipalpus yothersi* (Acari: Tenuipalpidae) in Peru. - Acarologia 61,2: 211-216
- ESCOBAR-GARCIA, H.A. / ANDRADE, D.J. (2021): Preliminary survey, diversity, and population density of mites in banana, *Musa AAA* (Cavendish subgroup) cv. Williams in Peru. - Intern. J. Acarol. 47,2: 170-173
- ETIENNE, L. / BRESCH, C. / VAN OUDENHOVE, L. / MAILLERET, L. (2021):\* Food and habitat supplementation promotes predatory mites and enhances pest control. - Biol. Contr. 159: 104604; DOI: 0.1016/j.biocontrol.2021.104604
- FAHIM, S.F. / EL-SAEIDY, E.-S. M. (2021): Seasonal abundance of *Tetranychus urticae* and *Amblyseius swirskii* (Acari, Tetranychidae and Phytoseiidae) on four strawberry cultivars. - Persian J. Acarol. 10,2: 191-204
- FAJFER, M. / KARANTH, P. (2021): Integrating a morphological description with DNA barcode data of a new species of the genus *Pimeliaphilus* (Acariformes: Pterygosomatidae) with the analysis of its host specificity and a key to the genus. - Syst. Appl. Acarol. 26,2: 438-454**
- FARFAN, M.A. / COFFEY, J. / SCHMIDT-JEFFRIS, R.A. (2021): Suitability of food resources for *Proprioseiopsis mexicanus*, a potentially important natural enemy in eastern USA agroecosystems. - Exp. Appl. Acarol. 84,1: 121-134
- FATEMI, M. / TORABI, E. / OLYAIE-TORSHIZ, A. / TAHERIAN, M. (2021): The efficacy of some chemical and botanical pesticides against *Tetranychus urticae* (Acari: Tetranychidae) on *Platanus orientalis* (Platanaceae) in urban areas. - Persian J. Acarol. 10,3: 309-319
- FLECHTMANN, C.H.W. / GÓMEZ-MOYA, C.A. (2021): A spider mite of the tribe Hystrichonychini (Acari, Trombidiformes, Tetranychidae) reported for the first time from Brazil. - Syst. Appl. Acarol. 26,5: 835-840**
- FUJII, S. / SHIMADO, T. / NAKAMURA, S. / MAKINO, S. / OKABE, K. (2021): Soil fauna community assembled in the abandoned nests of Japanese wood mice. - J. Acarol. Soc. Jpn. 30,1: 1-4
- GAMILA, A.M.H. / AIAD, K.A. / ABD-ELATEF, E.A. / ELSHERBENI, M.K.G. (2021): Effect color of jasmine flowers on the infestation by *Macrosiphum rosae* and *Tetranychus urticae* under glasshouse conditions. - Egypt. Acad. J. Biol. Sci., A. Entomology 14,1: 219-226
- GOLAN, K. / JURADO, I.G. / KOT, I. / GORSKA-DRABIK, E. / KMIEC, K. / LAGOWSKA, B. / SKWARYLO-BEDNARZ, B. / KOPCKI, M. ET AL. (2021): Defense responses in the interactions between medicinal plants from Lamiaceae family and the two-spotted spider mite *Tetranychus urticae* Koch (Acari: Tetranychidae). - Agronomy (Basel) 11,3: 438; DOI: 10.3390/agronomy11030438

- HAKIMITABAR, M. / SABOORI, A. / FADAEI, E. (2021): A new species of *Leptus* (Acari: Erythraeidae) from Iran. - Persian J. Acarol. 10,2: 137-143**
- HEINZ-CASTRO, R.T.Q. / ARREDONDO-VALDÉS, R. / ORDAZ-SILVA, S. / MÉNDEZ-CORTÉS, H. / HERNÁNDEZ-JUÁREZ, A. / CHACÓN-HERNÁNDEZ, J.C. (2021): Bioacaricidal potential of *Moringa oleifera* Ethanol extract for *Tetranychus merganser* Boudreaux (Acari: Tetranychidae) control. - Plants 10: 1034; 10 pp.; DOI: 10.3390/plants10061034
- HERRERA-MARES, A. / GUZMÁN-CORNEJO, C. / MORALES-MALACARA, J.B. (2021): The myobiid mites (Acariformes, Eleutherengona, Myobiidae) from Mexico: hosts, distribution and identification key for the genera and species. - Syst. Appl. Acarol. 26,4: 724-748
- HERRON, G.A. / LANGFIELD, K.L. / CHEN, Y. / WILSON, L.J. (2021): Development of abamectin resistance in *Tetranychus urticae* in Australian cotton and the establishment of discriminating doses for *T. lambi*. - Exp. Appl. Acarol. 83,3: 325-341
- JACINAVICIUS, F. DE C. / BASSINI-SILVA, R. / HUANG-BASTOS, M. / HORTA, M.C. / BARROS-BATTESTI, D.M. (2021): New species of chiggers (Trombidiformes: Trombiculidae and Leeuwenhoekiiidae) from the conservation unit Parque Nacional da Serra das Confusões, Brazil. - J. Med. Entomol. 58,1: 286-297
- KADKHODAZADEH, F. / ASADI, M. / KHANAMANI, M. (2021): Suitability of different pollen grains and *Tetranychus urticae* as food for the predatory mite, *Amblyseius swirskii* (Acari, Phytoseiidae). - Persian J. Acarol. 10,3: 321-334
- KAMRAN, M. / KHAN, E.M. / ALATAWI, F.J. (2021): A new species and a key to species of *Mesobryobia* Wainstein (Acari: Prostigmata: Tetranychidae) and new records of spider mites from Pakistan. - Intern. J. Acarol. 47,5: 418-426**
- KASAB, I. / ATLIHAN, R. (2021): Population growth performance of *Panonychus ulmi* Koch (Acarina: Tetranychidae) on different fruit trees. - Syst. Appl. Acarol. 26,7: 1185-1197
- KAZEMI, S. / PAKTINAT-SAEIJ, S. (2021): First record of *Samsinakia trilobitus* (Prostigmata, Cheyletidae) from Iran. - Persian J. Acarol. 10,1: 107-110
- KEIVANLOO, E. / NAMAGHI, H.S. / KHODAPARAST, M.H.H. / MORAVVEJ, G. / AMIRI-JAMI, A. (2021): On the effect of ozonated water on mortality of *Tetranychus urticae* (Trombidiformes: Tetranychidae) on *Capsicum annuum* (Solanaceae) in greenhouse conditions. - Persian J. Acarol. 10,1: 95-106
- KHAN, A.K. / BASHIR, M.H. / AHMED, S. / BASHIR, M.A. / ALI, S. / HAMEED, S.A./BATOOL, M./AHMED, I. / KHAN, M.N. (2021): Biodiversity of soil inhabiting Prostigmata (Arachnida: Acari) from different agro-ecological zones of Punjab, Pakistan. - Pakistan J. Zool. 53,3: 1059-1064
- KHAUSTOV, A.A. (2021): Contribution to the Stigmaeidae (Acari, Prostigmata) fauna of the Altai Republic, Russia. - Acarina 29,1: 43-66**
- KHAUSTOV, A.A. (2021): A new species and a new record of *Stigmaeus* (Acari: Prostigmata: Stigmaeidae) from Western Siberia, Russia. - Intern. J. Acarol. 47,3: 248-261**
- KHAUSTOV, A.A. (2021): Review of free-living predatory cheyletid mites (Acari: Cheyletidae) of Western Siberia, Russia. - Syst. Appl. Acarol. 26,1: 199-239**
- KHAUSTOV, A.A. / ABRAMOV, V.V. (2021): A new species of *Adactylidium* (Acari: Heterostigmata, Acaro-phenacidae) associated with *Phlaeothrips sp.* (Thysanoptera, Phlaeothripidae) from European Russia. - Acarologia 61,2: 356-364**
- KHAUSTOV, A.A. / ABRAMOV, V.V. (2021): A revision of *Postumius* (Acari, Prostigmata, Stigmaeidae). - Acarina 29,1: 115-133**
- KHAUSTOV, A.A. / PETROV, A.V. / KOLESNIKOV, V.B. (2021): A new genus and two new species of Tarsonemidae (Acari: Heterostigmata) associated with bark beetles (Coleoptera: Curculionidae: Scolytinae) from Peru. - Zootaxa 4966 (1): 41-53**
- KHAUSTOV, A.A. / VORONTSOV, D.D. / PERKOVSKY, E.E. / KLIMOV, P.B. (2021): First fossil record of mite family Barbutiidae (Acari: Raphignathoidea) from late Eocene Rovno Amber, with a replacement name *Hoplocheylus neosimilis* nomen novum (Tarsocheylidae). - Syst. Appl. Acarol. 26,5: 973-980**
- KHAUSTOV, A.A. / VORONTSOV, D.D. / PERKOVSKY, E.E. / LINDQUIST, E.E. (2021): Review of fossil heterostigmatic mites (Acari, Heterostigmata) from late Eocene Rovno Amber. I. Families Tarsocheylidae,**



**Dolichocybidae and Acarophenacidae. - Syst. Appl. Acarol. 26,1: 33-61**

- KHODAYARI, S. / NEMATOLLAHI, N. / ABEDINI, F. / RASOULI, F. (2021): The response of common bean (*Phaseolus vulgaris* L.) to salinity and drought stresses and life table parameters of *Tetranychus urticae* Koch reared on it. - Syst. Appl. Acarol. 26,1: 62-74
- KOHANSAL, M. / NOEI, J. / RAMROODI, S. / MOKHTARI, A. (2021): New data on *Cicaditrombium lorestanensis* Noei (Acari: Trombidiidae), *Achaemenothrombium saboorii* Noei (Acari: Achaemenothrombidae) and the family Neothrombidae. - Persian J. Acarol. 10,3: 239-247
- LANIECKA, I. / LANIECKI, R. / KAZMIERSKI, A. (2021): New genus and four new species of the family Cunaxidae (Acariformes: Prostigmata: Bdelloidea) from Zambia. - Syst. Appl. Acarol. 26,5: 981-1008
- LEITE, G.L.D. / VELOSO, R.V.S. / MATIOLI, A.L. / SOARES, M.A. / LEMES, P.G. (2021): Seasonal mite population distribution on *Caryocar brasiliense* trees in the Cerrado domain. - Braz. J. Biol. 82: e236355; 6 pp.; DOI: 10.1590/1519-6984.236355
- LI, C. / CAO, Y. / YANG, J. / LI, M. / BU, C. (2021): Acetylcholinesterase target sites for developing environmentally friendly insecticides against *Tetranychus urticae* (Acari: Tetranychidae). - Exp. Appl. Acarol. 84,2: 419-431
- LI, G.-Y. / ZHANG, Z.-Q. (2021):\* Sex-specific response to delayed and repeated mating in spider mite *Tetranychus urticae*. - Bull. Entomol. Res. 111,1: 49-56
- LI, G.-Y. / ZHANG, Z.-Q. (2021): Sex dimorphism of life-history traits and their response to environmental factors in spider mites. - Exp. Appl. Acarol. 84,3: 497-527
- LI, S. / LV, M. / LI, T. / HAO, M. / XU, H. (2021): Spirodiclofen ether derivatives: semisynthesis, structural elucidation, and pesticidal activities against *Tetranychus cinnabarinus* Boisduval, *Aphis citricola* van der Goot and *Mythimna separata* Walker. - Pest Manag. Sci. 77,5: 2395-2402
- LI, Y.-Y. / LIU, M.-X. / YUAN, J.-G. / OKONKWO, T.T. / CHEN, H.-Q. / LIU, H. (2021):\* Evaluation of a philic egg-consumption predatory thrips *Scolothrips takahashii* for control of the citrus red mite *Panonychus citri*. - Crop Prot. 139: 105421; DOI: 10.1016/j.cropro.2020.105421
- LIU, J. / JIANG, Z. / FENG, K. / LU, W.C. / WEN, X. / SUN, J.Y. / LI, J.H. / LIU, J. / HE, L. (2021):\* Transcriptome analysis revealed that multiple genes were related to the cyflumetofen resistance of *Tetranychus cinnabarinus* (Boisduval). - Pest. Biochem. Physiol. 173: 104799; DOI: 10.1016/j.pestbp.2021.104799
- LV, Y. / GUO, X.-G. / JIN, D.-C. / FAN, R. / ZHAO, C.-F. / ZHANG, Z.-W. / MAO, K.-Y. / SONG, W.-Y. / DONG, W.-G. / QIAN, T.-J. / YANG, Z.-H. (2021): Distribution and host selection of the chigger mite vector of scrub typhus, *Leptotrombidium deliense*, in southwest China. - Intern. J. Acarol. 47,3: 233-241
- MAHDAVI, S.M. / ASADI, M. / LATIFI, M. / SEEMAN, O.D. (2021): New species of *Augeriflechtmannia* and *Tetranychus* (Acari: Trombidiformes: Tetranychidae) and a review of *Augeriflechtmannia*. - Syst. Appl. Acarol. 26,4: 698-712
- MAHDAVI, S.M. / LATIFI, M. / ASADI, M. / AUGER, P. (2021): First record of the spider mite genus *Mixonychus* (Acari: Tetranychidae) from Iran based on the description of a new species. - Syst. Appl. Acarol. 26,3: 557-567
- MAHESH, P. / SRIKANTH, J. / MAHENDRAN, B. / CHANDRAN, K. / SINGARAVELU, B. / SALIN, K.P. (2021):\* Occurrence of the exotic mite *Schizotetranychus krungthepensis* (Acarina: Tetranychidae) in sugarcane germplasm in India. - Crop Prot. 144: 105556; DOI: 10.1016/j.cropro.2021.105556
- MAINO, L.J. / HOFFMANN, A.A. / BINNS, M. / CHENG, X. / VAN ROOYEN, A. / UMINA, P.A. (2021):\* Strip spraying delays pyrethroid resistance in the redlegged earth mite, *Halotydeus destructor*: a novel refuge strategy. - Pest Manag. Sci. ; DOI: 10.1002/ps.6497
- MAKOL, J. / FEATHERSTONE, A.W. (2021): A contribution to the knowledge of the enigmatic Tanaupodidae (Actinotrichida: Trombidiformes, Parasitengona) - description of a new species of *Lassenia* and a new host record. - Syst. Appl. Acarol. 26,4: 801-808
- MAKOL, J. / MAYORAL, J. / FRIEDRICH, S. (2021): An insight into the tribe Hexathrombiini (Actinotrichida: Trombidioidea, Microtrombidiidae, Eutrombidiinae) with new data on host-parasite interaction. - Eur. Zool. J. 88,1: 595-615
- MARIC, I. / MEDO, I. / MARCIC, D. / PETANOVIC, R. / JOVANOVIĆ, S. / UECKERMANN, E.A. (2021): Spider mites (Acari: Tetranychidae) from Serbia: new species for the

- country and the Balkan Peninsula, with a key to all known Serbian species. - Syst. Appl. Acarol. 26,1: 304-316
- MIRZAEI, Z. / ARBABI, M. / SADEGHI, S. (2021): First report of two parasitengone larvae on mantids *Bolivaria brachyptera*, and *Rivetina inermis* (Insecta: Mantodea) from Iran. - Persian J. Acarol. 10,2: 235-238
- MITRA, S. / ACHARYA, S. / GHOSH, S. (2021): Implication of five host plants on the life history trait of *Tetranychus urticae* (Acari: Tetranychidae). - Biologia 76,2: 517-524
- MOHAMMAD-DOUSTARESHARAF, M. / BAGHERI, M. (2021): Raphignathoid mites (Acariformes: Raphignathoidea) in parts of the Azerbaijan provinces of Iran. - Acarol. Stud. 3,2: 56-65
- MOHAMMAD-DOUSTARESHARAF, M. / BAGHERI, M. (2021): Description of *Barbutia arasbaraniensis* sp. nov. (Acari: Trombidiformes: Barbutiidae) based on the deutonymph and male specimens from Iran. - Persian J. Acarol. 10,1: 9-17**
- MOHAMMADI, K. / FATHI, S.A.A. / RAZMJOU, J. / NASERI, B. (2021):\* Evaluation of the effect of strip intercropping green bean/garlic on the control of *Tetranychus urticae* in the field. - Exp. Appl. Acarol. 83,2: 183-195
- MOMEN, F.M. / ABDEL-KHALEK, A. (2021): Intraguild predation in three generalist predatory mites of the family Phytoseiidae (Acari, Phytoseiidae). - Egypt. J. Biol. Pest Contr. 31: 8; 7 pp.; DOI: 10.1186/s41938-020-00355-5
- MONDAL, P. / GANGULY, M. / KARMAKAR, K. / LOFEGO, A.C. / DE MORAES, G.J. (2021): A new species of *Steneotarsonemus* (Acari: Tarsonemidae) from common reed grass, *Phragmites australis* (Poaceae) in the wetlands of Eastern India. - Intern. J. Acarol. 47,4: 289-300
- MONDAL, P. / KARMAKAR, K. (2021): Taxonomic notes on genus *Floridotarsonemus* (Acari: Tarsonemidae) with a description of two new species from West Bengal, India and keys to the world species. - Syst. Appl. Acarol. 26,6: 1109-1125
- MONDAL, P. / KARMAKAR, K. (2021): First record of *Metatarsonemus* (Acari: Tarsonemidae) from India with description of two new species. - Zootaxa 4942,2: 229-251
- MONJARÁS-BARRERA, J.I. / SILVA, G.L. / HEINZ-CASTRO, R.T.Q. / REYES-ZEPEDA, F. / MORA-OLIVO, A. / CHACÓN-HERNÁNDEZ, J.C. (2021): New Records of host plants for *Lorryia formosa* Oudemans (Acari: Prostigmata: Tydeidae) in Mexico. - Proc. Entomol. Soc. Wash. 123,1: 259-261
- MORITA, A. / ULLAH, M.S. / SUGAWARA, R. / GOTOH, T. (2021): Effects of male and female age on mating success in *Tetranychus urticae* Koch (Acari: Tetranychidae). - Syst. Appl. Acarol. 26,7: 1280-1292
- MUSHTAQ, H.M.S. / KAMRAN, M. / ALATAWI, F.J. (2021):\* Two new life types and assessment of web-associated behavioral characteristics of some *Oligonychus* species on various host plants. - Exp. Appl. Acarol. 83,2: 211-227
- NAVES, P. / NÓBREGA, F. / AUGER, P. (2021): Updated and annotated review of Tetranychidae occurring in mainland Portugal, the Azores, and Madeira Archipelagos. - Acarologia 61,2: 380-393
- NIELSEN, D.H. / ROBBINS, R.G. / RUEDA, L.M. (2021): Annotated world checklist of the Trombiculidae and Leeuwenhoekidae (1758-2021) (Acari: Trombiculoidea), with notes on nomenclature, taxonomy, and distribution. - Zootaxa 4967 (1): 1-243
- NOEI, J. (2021): Remarks on *Birjandtrombella* Noei, 2020 (Acari: Trombidiformes: Prostigmata). - Persian J. Acarol. 10,2: 231-233
- NOEI, J. (2021): A new species of larval *Trombella* (Prostigmata: Trombellidae) from Iran with a key to larval species. - Biologia 76,5: 1457-1464**
- NOEI, J. / RABIEH, M.M. (2021): A new species of larval *Achaemenothrombium* (Prostigmata: Achaemenothrombiidae) from Iran with new host records. - Intern. J. Acarol. 47,2: 79-88
- ODA, N. / ITO, K. (2021): Photoperiodic control of reproductive arrest in the oak-inhabiting spider mite *Schizotetranychus brevisetosus* (Acari: Tetranychidae). - Exp. Appl. Acarol. 84,2: 389-405
- ONER, D. / KÖK, S. / SABOORI, A. / ÇAKMAK, I. (2021): Mites parasitizing aphids in the parks and gardens of Aydin, with eight newly recorded mite species for Turkey and re-description of *Allothrombium clavatum* (Acari: Trombidiidae). - Intern. J. Acarol. 47,5: 404-413
- OSAKABE, M. (2021): Biological impact of ultraviolet-B radiation on spider mites and its application in integrated pest management. - Appl. Entomol. Zool. 56: 139-155

- PAKTINAT-SAEIJ, S. / KAZEMI, S. (2021): A new species of *Adamystis* Cunliffe (Acari: Trombidiformes: Adamystidae) from mangrove in the Persian Gulf, Iran, with a key to world species of the genus. - Syst. Appl. Acarol. 26,1: 260-272**
- PAPAPOSTOULOU, K.M. / RIGA, M. / CHARAMIS, J. / SKOUFA, E. / SOUHLA, V. / ILIAS, A. / DERMAUW, W. / IOANNIDIS, P. / VAN LEEUWEN, T. / VONTAS, J. (2021): Identification and characterization of striking multiple-insecticide resistance in a *Tetranychus urticae* field population from Greece. - Pest Manag. Sci. 77,2: 666-676
- PISHEHVAR, S. / KHANJANI, M. (2021): Two new species of the genus *Raphignathus* (Acari: Raphignathidae) from Hamedan, Iran, with a key to the known species. - Syst. Appl. Acarol. 26,1: 185-198**
- PORTA, A.O. / PIZARRO-ARAYA, J. / RAMIREZ, M.J. (2021): Revision and phylogeny of the genus *Andocaeculus* (Acari: Caeculidae) I: the *A. weyrauchi* species group. - Zootaxa 4945 (1): 1-78**
- PUSPITARINI, R.D. / FERNANDO, I. / RACHMAWATI, R. / HADI, M.S. / RIZALI, A. (2021): Host plant variability affects the development and reproduction of *Tetranychus urticae*. - Intern. J. Acarol. 47,5: 381-386
- QASIM, M. / RONLIANG, J. / ISLAM, W. / ALI, H. / KHAN, K.A. / DASH, C.K. / JAMAL, Z.A. / WANG, L. (2021):\* Comparative pathogenicity of four entomopathogenic fungal species against nymphs and adults of citrus red mite on the citrus plantation. - Intern. J. Trop. Ins. Sci. 41,1: 737-749
- QAYYOUM, M.A. / SONG, Z.W. / ZHANG, Z.-W. / ZHANG, B.-X. / LI, S.-S. / KHAN, B.-S. (2021): Behavioral response of *Panonychus citri* (McGregor) (Acari: Tetranychidae) to synthetic chemicals and oils. - PeerJ 9: e10899, 20 pp.; DOI: 10.7717/peerj.10899
- RAHMANI, S. / AZIMI, S. / LOTFOLLAHI, P. (2021): Sublethal effects of two acaricides, propargite and fenpyroximate on life history of *Macrolophus pygmaeus* (Hemiptera: Miridae) reared on the two-spotted spider mite eggs. - Persian J. Acarol. 10,2: 205-221
- RAMILO, D.W. / COSTA, P. / STEKOLNIKOV, A.A. / CLÁUDIO, J.M. / LOURENCO, A.M. / DA FONSECA, I.P. / CARDOSO, L. (2021): First report of *Ericotrombidium ibericense* in domestic dogs. - Acta Parasitol. 66,1: 253-258
- REIFF, J.M. / EHRINGER, M. / HOFFMANN, C. / ENTLING, M.H. (2021):\* Fungicide reduction favors the control of phytophagous mites under both organic and conventional viticulture. - Agric. Ecosyst. Environ. 305: 107172; DOI: 10.1016/j.agee.2020.107172
- REZAIE, M. / EMAMI, M.S. / FROZAN, M. / SHIRDEL, D. / KAMALIE, H. (2021): Efficiency of spiromesifen and cyflumetofen for control of European red mite in apple orchards of some Provinces in Iran. - J. Appl. Res. Plant Prot. 10,1: 45-55
- RIOJA, T. / CEBALLOS, R. / FERNANDEZ, N. / CURKOVIC, T. (2021): Autumnal recruitment of mite's predators by herbivore-induced plant volatiles in avocado (*Persea americana* Mill. cv. Hass) infested with *Oligonychus yothersi* (Acari: Tetranychidae). - Intern. J. Acarol. 47,4: 352-360
- RIPKA, G. / KISS, E. / KONTSCHÁN, J. / SZABÓ, Á. (2021): Three new gall mite records (Acari: Acariformes: Eriophyoidea) from Hungary and supplementary description of two species. - Acta Phytopathol. Entomol. Hung. 56,1: 91-98
- RISMAYANI / ULLAH, M.S. / CHI, H. / GOTOH, T. (2021): Impact of constant and fluctuating temperatures on population characteristics of *Tetranychus pacificus* (Acari: Tetranychidae). - J. Econ. Entomol. 114,2: 638-651
- RISTYADI, D. / HE, X.Z. / WANG, Q. (2021): Response to thermal environment in *Tetranychus ludeni* (Acari: Tetranychidae). - Syst. Appl. Acarol. 26,5: 942-953
- ROKNUZZAMAN, A.H.M. / BASAK, R. / RIMY, S.J. / SHARMIN, D. / AHMAD, M. / ULLAH, M.S. (2021):\* Host dependent demographic parameters of spider mite *Oligonychus biharensis* (Hirst) on two bean species. - Intern. J. Trop. Ins. Sci. 41,1: 801-808
- ROMÁN, C. / ARNÓ, J. / PLANAS, S. (2021):\* Map-based zonal dosage strategy to control yellow spider mite (*Eotetranychus carpini*) and leafhoppers (*Empoasca vitis* & *Jacobiasca lybica*) in vineyards. - Crop Prot. 147: 105690; DOI: 10.1016/j.cropro.2021.105690
- ROSTAMI, A. / MOHAMMAD-DOUSTARESHARAF, M. (2021): Description of *Stigmaeus bagherii* n. sp. (Acari: Stigmaeidae), with a key to the known species of *Stigmaeus* from Iran. - Intern. J. Acarol. 47,3: 222-232**
- RUCKERT, A. / GOLEC, J.R. / BARNES, C.L. / RAMIREZ, R.A. (2021): Banks grass mite (Acari: Tetranychidae)

- suppression may add to the benefit of drought-tolerant corn hybrids exposed to water stress. - *J. Econ. Entomol.* 114,1: 187-196
- RUIZ-JIMENEZ, K.Z. / OSORIO-OSORIO, R. / HERNANDEZ-HERNANDEZ, L.U. / OCHOA-FLORES, A.A. / SILVA-VAZQUEZ, R. / MENDEZ-ZAMORA, G. (2021): Acaricidal activity of plant extracts against the red palm mite *Raoiella indica* (Acari: Tenuipalpidae). - *Rev. Soc. Entomol. Argent.* 80,1: 33-39
- SABOORI, A. / SHIRVANI, Z. (2021): A checklist of Acari type specimens deposited in the Jalal Afshar Zoological Museum, Karaj, Iran. - *Zootaxa* 4949 (2): 289-311
- SAEIDI, Z. / NEMATI, A. / RIAHI, E. (2021): Effects of different almond cultivars on biological and population responses of *Schizotetranychus smirnovi* (Acari: Tetranychidae). - *Syst. Appl. Acarol.* 26,5: 962-972
- SAMUEL, P.P. / GOVINDARAJAN, R. / KRISHNAMOORTHY, R. / VENKATESH, A. (2021): A rapid protocol for clearing, staining, and mounting of Arthropoda: Trombiculidae, Pediculidae and Pulicidae. - *Northw. J. Zool.* 17,1: e201104; 5 pp.
- SAMUEL, P.P. / GOVINDARAJAN, R. / KRISHNAMOORTHY, R. / NAGARAJ, J. (2021): Ectoparasites of some wild rodents /shrews captured from *Scrub typhus* reported areas in Tamil Nadu, India. - *Intern. J. Acarol.* 47,3: 218-221
- SÁNCHEZ-GALINDO, L.M. / SANDMANN, D. / MARIAN, F. / KRASHEVSKA, V. / MARAUN, M. / SCHEU, S. (2021): Leaf litter identity rather than diversity shapes microbial functions and microarthropod abundance in tropical montane rainforests. - *Ecol. Evol.* 11: 2360-2374
- SARMAH, M. / TALUKDAR, T. / HANDIQUE, G. / ROY, S. (2021):\* *Millettia pinnata* and *Sesamum indicum* seed oil based green pesticide formulations for the management of tea red spider mite, *Oligonychus coffeae* Nietner (Acari: Tetranychidae). - *Intern. J. Trop. Ins. Sci.* 41,1: 619-628
- SAVI, P.J. / MARTINS, M.B. / DE MORAES, G.J. / HOUNTONDI, F.C.C. / ANDRADE, D.J. (2021): Bioactivity of oxymatrine and azadirachtin against *Tetranychus evansi* (Acari, Tetranychidae) and their compatibility with the predator *Phytoseiulus longipes* (Acari, Phytoseiidae) on tomato. - *Syst. Appl. Acarol.* 26,7: 1264-1279
- SCHMIDT-JEFFRIS, R. / SNIPES, Z. / BERGERON, P. (2021): Acaricide efficacy and resistance in South Carolina tomato populations of twospotted spider mite. - *Fla. Entomol.* 104,1: 1-8
- SCHMIDT-JEFFRIS, R.A. / COFFEY, J.L. / MILLER, G. / FARFAN, M.A. (2021): Residual activity of acaricides for controlling spider mites in watermelon and their impacts on resident predatory mites. - *J. Econ. Entomol.* 114,2: 818-827
- SEEMAN, O.D. (2021): **Contrasting species diversification of *Eutarsopolipus* (Acariformes, Podapolipidae) on *Castelnaudia* and *Notonomus* (Coleoptera: Cara-bidae).** - *Zootaxa* 4971 (1): 1-74
- ŠEVČÍK, M. / KALÚZ, S. / ŠRÁMEK, P. (2021): **A new species of *Chiroptella* Vercammen-Grandjean, 1960 (Acari: Trombiculidae) from diadem leaf-nosed bat *Hipposideros diadema* (Geoffroy) (Chiroptera: Hipposideridae) in Bali Island (Indonesia) with distribution records, hosts and a key to the species of the genus.** - *Syst. Parasitol.* 98,1: 1-15
- SEYEDEIN, S. / RAHIMINEJAD, V. / NADIMI, A. (2021): **New records of the genus *Pediculaster* Vitzthum, 1931 (Acari: Heterostigmata, Pygmephoridae) with description of a remarkable new species, associated with *Helina* sp. (Diptera, Muscidae) from Iran.** - *Biologia* 76,5: 1509-1516
- SHATROV, A.B. / ANTONOVSKAIA, A.A. (2021): Stylostome of the trombiculid mite larvae *Neotrombicula talmiensis* (Schluger, 1955) (Acariformes, Trombiculidae) feeding on two host species in the Russian Far East. - *Acarologia* 61,2: 412-431
- SHEN, N. / LI, Y. / LEVITICUS, K. / CHANG, X.L. / TANG, T. / CUI, L. / HAN, Z.J. / ZHAO, C.Q. (2021): Effect of broflanilide on the phytophagous mite *Tetranychus urticae* and the predatory mite *Typhlodromus swirskii*. - *Pest. Manag. Sci.* 77: 2964-2970
- SILVA-DE LA FUENTE, M.C. / STEKOLNIKOV, A.A. / WEITZEL, T. / BELTRAMI, E. / MARTINEZ-VALDEBENITO, C. / ABARCA, K. / ACOSTA-JAMETT, G. (2021): **Chigger mites (Acariformes: Trombiculidae) of Chiloe Island, Chile, with descriptions of two new species and new data on the genus *Herpetacarus*.** - *J. Med. Entomol.* 58,2: 646-657
- SKORACKI, M. / KOSICKI, J.Z. / KWIECINSKI, Z. (2021): **Distribution of the parasitic mite *Bubophilus aegolius* sp. n. (Acariformes: Syringophilidae) on the boreal owl *Aegolius funereus* (L) (Strigiformes: Strigidae) and the low effectiveness of infestation.** - *Eur. Zool. J.*

88,1: 352-362

STEKOLNIKOV, A.A. (2021): A new genus and species of chigger mites (Acariformes: Trombiculidae) from Madagascar. - Intern. J. Acarol. 47,4: 301-307

STEKOLNIKOV, A.A. (2021): Three new species of chigger mites (Acariformes: Trombiculidae) from the Galápagos Islands. - Syst. Appl. Acarol. 26,2: 325-342

STEKOLNIKOV, A.A. (2021): A checklist of chigger mites (Acariformes: Trombiculidae) of Southeast Asia. - Zootaxa 4913 (1): 1-163

STEKOLNIKOV, A.A. / ER-RGUIBI, O. / LAGHZAOU, E.-M. / AGLAGANE, A. / EL MOUDEN, E.H. (2021): New locality and host records of two chigger mite species (Acariformes: Trombiculidae) from Morocco. - Acarologia 61,3: 538-547

ŠUNDIĆ, M. / NOEL, J. (2021): Description of *Balaustium ryszardi* sp. n. (Prostigmata) from Greece with a key to the world larval species. - Biologia 76: 2609-2617

TOLDI, M. / BIZARRO, G.L. / DA-COSTA, T. / DA SILVA, V.L. / FERLA, J.J. / JOHANN, L. / DE FREITAS, E.M. / DA SILVA, G.L. / FERLA, N.J. (2021): Mite fauna associated with different environments in the Southern Pampa, Brazil. - Intern. J. Acarol. 47,5: 387-395

TOLDI, M. / DE FREITAS, E.M. / DA SILVA, V.L. / CAUMO, M. / FERLA, J.J. / ORLANDI, C.R. / DA-COSTA, T. / JOHANN, L. / FERLA, N.J. (2021): Communities of predatory mites (Phytoseiidae and Stigmaeidae) in different environments of the Brazilian Pampa. - Acarologia 61,1: 20-30

TREVINO-BARBOSA, G. / MONTELONGO-RUIZ, G. / HEINZ-CASTRO, R.T.Q. / OLAZARAN-SANTIBANEZ, F.E. / MENDEZ-CORTES, H. / CHACON-HERNANDEZ, J.C. (2021):\* Effects of *Equisetum arvense* ethanolic extract on biological parameters of *Tetranychus merganser* Boudreaux. - Southw. Entomol. 46,1: 95-101

TSUCHIDA, Y. / MASUI, S. (2021):\* Suppressive effect of *Euseius sojaensis* or *Amblyseius eharai* (Acari, Phytoseiidae) on *Tetranychus kanzawai* (Acari, Tetranychidae) on Japanese pear. - Jpn. J. Appl. Entomol. Zool. 65: 99-108

VALADARES, N.R. / SOARES, M.A. / FERREIRA, E.A. / MENDES-SÁ, V.G. / AZEVEDO, A.M. / PIRES, E.M. / LEITE, G.L.D. (2021): Behavior and development of *Tetranychus ludeni* Zacher, 1913 (Acari: Tetranychidae)

and physiological stress in genetically modified cotton expressing Cry1F and Cry1Ac proteins. - Braz. J. Biol. 81,2: 251-257

VANGANSBEKE, D. / DUARTE, M.V.A. / MERCKX, J. / BENAVENTE, A. / MAGOWSKI, W.L. / FRANCA, S.C. / BOLCKMANS, K. / WÄCKERS, F.L. (2021): Impact of a tarsonemid prey mite and its fungal diet on the reproductive performance of a predatory mite. - Exp. Appl. Acarol. 83,3: 313-323

VECHIA, J.F. DELLA / VAN LEEUWEN, T. / ROSSI, G.D. / ANDRADE, D.J. (2021):\* The role of detoxification enzymes in the susceptibility of *Brevipalpus californicus* exposed to acaricide and insecticide mixtures. - Pest. Biochem. Physiol. 175: 104855; DOI: 10.1016/j.pestbp.2021.104855

VIBIJA, C.P. / NERAVATHU, R. (2021): Injurious status of *Schizotetranychus schizopus* (Zacher, 1913) (Acari: Tetranychidae) on Indian Thorny Bamboo. - Syst. Appl. Acarol. 26,2: 343-352

WARBURG, S. / YAHYAA, M. / LAHAV, T. / MEDINA, S. / FREILICH, S. / GAL, S. / PALEVSKY, E. / INBAR, M. / IBDAH, M. (2021):\* UV-induced citrus resistance to spider mites (*Tetranychus urticae*) - Crop Prot. 144: 105580; DOI: 10.1016/j.cropro.2021.105580

WU, Y.-F. / JIN, D.-C. / YI, T.-C. / GUO, J.-J. (2021): Two new species of Bdellidae (Acari: Prostigmata) from China. - Acarologia 61,3: 614-625

WURLITZER, W.B. / BIZARRO, G.L. / JOHANN, L. / FERLA, N.J. / DA SILVA, G.L. (2021): A new species of *Pulaeus* and the first report of *Coleoscius tuberculatus* for the fauna of Brazil (Acari: Cunaxidae). - Syst. Appl. Acarol. 26,7: 1254-1263

XIANG, R. / GUO, X.G. (2021): Research advances of *Leptotrombidium scutellare* in China. - Korean J. Parasitol. 59,1: 8 pp.; DOI: 10.3347/kjp.2021.59.1.1

XIN, T. / LI, Z. / CHEN, J. / WANG, J. / ZOU, Z. / XIA, B. (2021): Molecular characterization of Chitin synthase gene in *Tetranychus cinnabarinus* (Boisduval) and its response to sublethal concentrations of an insecticide. - Insects 12: 501; 15 pp.; DOI: 10.3390/insects12060501

XU, D. / ZHANG, Y. / ZHANG, Y. / WU, Q. / GUO, Z. / XIE, W. / ZHOU, X. / WANG, S. (2021): Transcriptome profiling and functional analysis suggest that the constitutive overexpression of four cytochrome P450s

- confers resistance to abamectin in *Tetranychus urticae* from China. - Pest Manag. Sci. 77,3: 1204-1213
- XU, S.-Y. / YI, T.-C. / GUO, J.-J. / JIN, D.-C. (2021): *Abrolophus diaoluensis* sp. nov. (Acari: Prostigmata: Erythraeidae) from a jungle of Hainan Island. - Intern. J. Acarol. 47,1: 23-34**
- XU, Z.F. / QI, C.C. / ZHANG, M.Y. / LIU, P.L. / ZHANG, P. / HE, L. (2021):\* Transcription response of *Tetranychus cinnabarinus* to plant-mediated short-term and long-term selenium treatment. - Chemosphere 263: 128007; DOI: 10.1016/j.chemosphere.2020.128007
- XUE, W. / MERMANS, C. / PAPAPOSTOLOU, K.-M. / LAMPROUSI, M. / CHRISTOU, I.-K. / INAK, E. / DOURIS, V. / VONTAS, J. / DERMAUW, W. / VAN LEEUWEN, T. (2021): Untangling a Gordian knot: the role of a GluCl3 I321T mutation in abamectin resistance in *Tetranychus urticae*. - Pest. Manag. Sci. 77: 1581-1593
- YAGHOUBI, R. / KHAJEHALI, J. / ALAVIJEH, E.S. / NAUEN, R. / DERMAUW, W. / VAN LEEUWEN, T. (2021):\* Fenpyroximate resistance in Iranian populations of the European red mite *Panonychus ulmi* (Acari: Tetranychidae). - Exp. Appl. Acarol. 83,1: 69-79
- YANG, K. / CHEN, H. / BING, X.-L. / XIA, X. / ZHU, Y.-X. / HONG, X.-Y. (2021):\* *Wolbachia* and *Spiroplasma* could influence bacterial communities of the spider mite *Tetranychus truncatus*. - Exp. Appl. Acarol. 83,2: 197-210
- YU, H. / LI, R. / WANG, X. / YUE, Y. / LIU, S. / XING, R. / LI, P. (2021): Field experiment effect on citrus spider mite *Panonychus citri* of venom from Jellyfish *Nemopilema nomurai*: The potential use of jellyfish in agriculture. - Toxins 13: 411; 8 pp.; DOI: 10.3390/toxins13060411
- YUCEL, C. (2021): Effects of local isolates of *Beauveria bassiana* (Balsamo) Vuillemin on the two-spotted spider mite, *Tetranychus urticae* (Koch) (Acari: Tetranychidae). - Egypt. J. Biol. Pest Contr. 31,1: 63, 7 pp.; DOI: 10.1186/s41938-021-00409-2
- ZHANG, Z.-Q. / SCHATZ, H. / PFINGSTL, T. / GOLDSCHMIDT, T. / MARTIN, P. / PESIC, V. / RAMIREZ, M. / SCHMIDT, K.-H. ET AL. (2021): Discovering and documenting Acari: the first twenty years in Zootaxa. - Zootaxa 4979 (1): 115-130
- ZHOU, H. / GUO, F. / LUO, J. / ZHANG, Y. / LIU, J. / ZHANG, Y. / ZHENG, X. / WAN, F. / DING, W. (2021): Functional analysis of an upregulated calmodulin gene related to the acaricidal activity of curcumin against *Tetranychus cinnabarinus* (Boisduval). - Pest Manag. Sci. 77,2: 719-730
- ZHOU, H. / LIU, J. / WAN, F.L. / GUO, F.Y. / NING, Y.S. / LIU, S.S. / DING, W. (2021):\* Insight into the mechanism of action of scoparone inhibiting egg development of *Tetranychus cinnabarinus* Boisduval. - Comp. Biochem. Physiol. C-Toxicol. Pharmacol. 246: 109055; DOI: 10.1016/j.cbpc.2021.109055
- ZHOU, P. / HE, X.-Z. / CHEN, C. / WANG, Q. (2021): Reproductive strategies that may facilitate invasion success: evidence from a spider mite. - J. Econ. Entomol. 114,2: 632-637
- ZMUDZINSKI, M. / SKORACKI, M. / FRIEDRICH, S. (2021): A new species of Teneriffiidae (Acariformes: Prostigmata) from Ethiopia. - Intern. J. Acarol. 47,4: 317-326**

## Publications 2020

- ABO-ELMAGED, T.M. (2020): Cucumber plant mites: survey and capacity of certain pesticides against the amplest one, *Tetranychus urticae* Koch, in Assiut area, Upper Egypt. - Egypt. Acad. J. Biol. Sci., A. Entomology 13,3: 237-242
- ABO-ELMAGED, T.M. / ALI, A.W.M. / ABDEL-RAHMAN, M.A.A. / ABD-ALLAH, A.H.A. (2020):\* Activity of the two spotted spider mite, *Tetranychus urticae* (Koch) (Acari) infesting cucumber plants in upper Egypt. - Intern. J. Trop. Ins. Sci. 41,1: 463-469
- AHMADI, Z. / SABER, M. / MAHDAVINIA, G.R. (2020):\* Nano-encapsulation of clofentezine with enhanced acaricidal activity against the two spotted mite, *Tetranychus urticae* Koch (Acari: Tetranychidae). - Toxin Reviews; DOI: 10.1080/15569543.2020.1812082
- AKYOL, M. (2020): A new species of the genus *Cryptognathus* Kramer (Acari: Cryptognathidae) from the Aegean region of Turkey. - Syst. Appl. Acarol. 25,9: 1643-1648**
- ALAHYANE, H. / AIT BABAHMAD, R. / ABOUSSAID, H. / ATIBI, Y. / AIMRANE, A. / OUFDOU, K. / EL MESSOUSSI, S. (2020): Chemical composition and acaricidal activities of *Jatropha curcas* L. extract against oriental

- red mite, *Eutetranychus orientalis* (Klein) (Acari, Tetranychidae). - J. Anim. Plant Sci. 30,5: 1163-1171
- AL-AZZAZY, M. / ALHEWAIIRINI, S.S. (2020): Effect of temperature and humidity on development, reproduction, and predation rate of *Amblyseius swirskii* (Phytoseiidae) fed on *Phyllocoptruta oleivora* (Eriophyidae) and *Eutetranychus orientalis* (Tetranychidae). - Intern. J. Acarol. 46,5: 304-312
- AL-AZZAZY, M.M. / ALSOHIM, A.S. / YODER, C.E. (2020): Biological effects of three bacterial species on *Tetranychus urticae* (Acari: Tetranychidae) infesting eggplant under laboratory and greenhouse conditions. - Acarologia 60,3: 587-594
- ALI, M.W. / KHAN, M.M. / SONG, F. / WU, L.M. / HE, L.G. / WANG, Z.J. / ZHANG, Z.Y. / ZHANG, H.Y. / JIANG, Y.C. (2020): RNA interference-based silencing of the Chitin synthase 1 gene for reproductive and developmental disruptions in *Panonychus citri*. - Insects 11,11: 786; 18 pp.; DOI: 10.3390/insects11110786
- ALLAM, S.F. / MAHMOUD, M.A.E. / HASSAN, M.F. / MABROUK, A.H. (2020): Field application of six commercial essential oils against Date Palm mite, *Phyllozetanochus aegypticus* (Acari: Tenuipalpidae) in Egypt. - Persian J. Acarol. 9,4: 377-389
- AMIN, M.R. / KHANJANI, M. / NADRI, A.R. (2020): A new species of the genus *Sphaerotarsus* (Acari: Parasiten-gonina: Smarididae) from Iran. - Syst. Appl. Acarol. 25,11: 1963-1968**
- ANDRADE, D.J. / DA ROCHA, C.M. / DE MATOS, S.T.S. / ZANARDI, O.Z. (2020):\* Oxymatrine-based bioacaricide as a management tool against *Oligonychus ilicis* (McGregor) (Acari: Tetranychidae) in coffee. - Crop Prot. 134: 105182; DOI: 10.1016/j.cropro.2020.105182
- ARABULI, T. / MATSUDA, T. / NEGM, M.W. / GOTOH, T. (2020): Complementary description of *Panonychus caricae* Hatzinikolis, 1984, with the resurrection of the genus *Sasanychus* Ehara, 1978 (Acari, Prostigmata, Tetranychidae). - Zootaxa 4881 (3): 515-531
- ARGOLO, P.S. / REVYNTI, A.M. / CANON, M.A. / BERTO, M.M. / ANDRADE, D.J. / DÖKER, I. / RODA, A. / CARRILLO, D. (2020):\* Potential of predatory mites for biological control of *Brevipalpus yothersi* (Acari: Tenuipalpidae). - Biol. Contr. 146: 104330; DOI: 10.1016/j.biocontrol.2020.104330
- ASHRAF, S.E. / AHMAD, N.F.R. / AHMAD, I.A. (2020): Biological aspects of date palm dust mite, *Oligonychus afrasiaticus* (McGregor) (Acari: Tetranychidae) on fronds of three date Palm cultivars. - Egypt. Acad. J. Biol. Sci., A. Entomology 13,1: 89-98
- ASHTARI, S. / YOSEFI, M. / DOURI, H. (2020): Evaluation of bean genotypes resistance to two spotted spider mite, Tssm, *Tetranychus urticae* Koch under field and greenhouse conditions. - J. Appl. Res. Plant Prot. 9,2: 15-30
- BABU, A. / RAHMAN, V.J. / AYRI, S. / ROOBAKKUMAR, A. / POORANI, J. / RAMAMURTHY, V.V. (2020):\* Diagnoses and re-description of Coccinellid beetles, *Stethorus rani* Kapur and *Stethorus aptus* Kapur (Coleoptera: Coccinellidae) preying on tea red spider mite *Oligonychus coffeae* Nietner (Acari: Tetranychidae). - Intern. J. Trop. Ins. Sci. 40,4: 817-827
- BADIEINIA, F. / KHAJEHALI, J. / NAUEN, R. / DERMAUW, W. / VAN LEEUWEN, T. (2020):\* Metabolic mechanisms of resistance to spirodiclofen and spiromesifen in Iranian populations of *Panonychus ulmi*. - Crop Prot. 134: 105166; DOI: 10.1016/j.cropro.2020.105166
- BAZZAZADEH, F. / SHISHEHBOR, P. / ESFANDIARI, M. / FARAHI, S. (2020): Development, reproduction and life table parameters of *Tetranychus turkestanii* (Acari: Tetranychidae) on three different host plants. - Acarologia 60,3: 643-655
- BELTRAN-BELTRAN, A.K. / SANTILLÁN-GALICIA, M.T. / GUZMÁN-FRANCO, A.W. / TELIZ-ORTIZ, D. (2020):\* Incidence of *Citrus leprosis* virus C and orchid fleck dichorhavirus citrus strain in mites of the genus *Brevipalpus* in Mexico. - J. Econ. Entomol. 113,3: 1576-1581
- BERON, P. (2020): Acarorum Catalogus VII: Trombidiformes, Prostigmata, Raphignathoidea (Fam. Barbutiidae, Caligonellidae, Camerobiidae, Cryptognathidae, Dasythyreidae, Eupalopsellidae, Homocaligidae, Mecognathidae, Raphignathidae, Stigmaeidae, Xenocaligonellidae). - Pensoft Ser. Faun. 221: 1-306
- BERON, P. (2020): Type specimens of Acari (Arachnida) in the collections of the National Museum of Natural History, Sofia. I. Acariformes (Acaridida and Prostigmata). - Hist. Natur. Bulg. 41: 1-11
- BILBO, T.R. / WALGENBACH, J.F. (2020):\* Compatibility of bifentazate and *Phytoseiulus persimilis* for management

- of twospotted spider mites in North Carolina staked tomatoes. - J. Econ. Entomol. 113,5: 2096-2103
- BIZARRO, G.L. / DA SILVA NORONHA, A.C. / DA SILVA, G.L. / FERLA, N.J. / JOHANN, L. (2020): A new species of *Eustigmaeus* Berlese (Acari: Stigmaeidae) from Brazil. - *Acarologia* 60,4: 825-830**
- BIZARRO, G.L. / WURLITZER, W.B. / BRITTO, E.P.J. / JOHANN, L. / FERLA, N.J. / DE MORAES, G.J. / DA SILVA, G.L. (2020): Two new species (Acari: Tydeidae: Eupodidae) from Mato Grosso, Brazil. - *Intern. J. Acarol.* 46,7: 538-543**
- BONDAREVA, L. / CHUMAK, P. (2020): First finding of *Pentamerismus oregonensis* and its abundance (Acari: Tenuipalpidae) on juniper trees in Kyiv, Ukraine. - *Persian J. Acarol.* 9,3: 299-301
- BONDAREVA, L.M. / ZHOVNERCHUK, O.V. / KOLDOCHKA, L.A. / CHUMAK, P.Y. / ZAVADSKA, O.V. (2020): Specifics of life cycle and damage of *Oligonychus ununguis* (Acari: Tetranychidae) on introduced species of coniferous plants in conditions of megalopolis. - *Persian J. Acarol.* 9,4: 367-376
- CADIERGUES, M.C. / MOULIN, J.P. / LUCAS, M.N. / DORCHIES, P. / SCHELCHER, F. (2020):\* Pruritic eosinophilic dermatitis in Jersey cows infested with *Leptotrombidium* spp. (Acari: Trombiculidae). - *Veter. Dermatol.* 31,6: 493-e130; DOI: 10.1111/vde.12895
- CASTILLO-RAMIREZ, O. / GUZMÁN-FRANCO, A.W. / SANTILLÁN-GALICIA, M.T. / TAMAAYO-MEJIA, F. (2020): Interaction between predatory mites (Acari, Phytoseiidae) and entomopathogenic fungi in *Tetranychus urticae* populations. - *BioControl* 65: 433-445
- CASTRO, E.B. / MESA, N.C. / FERES, R.J.F. / DE MORAES, G.J. / OCHOA, R. / BEARD, J.F. / DEMITE, P.R. (2020): A newly available database of an important family of phytophagous mites: Tenuipalpidae Database. - *Zootaxa* 4868 (4): 577-583
- CHACÓN-HERNÁNDEZ, J.C. / CERNA-CHÁVEZ, E. / AGUIRRE-URIBE, L.A. / OCHOA-FUENTES, Y.M. / AIL-CATZIM, C.E. / LANDEROS-FLORES, J. (2020): Resistance of four rose varieties to *Tetranychus urticae* (Acari: Tetranychidae) under greenhouse conditions. - *Florida Ent.* 103,3: 404-407
- CHEN, J.-X. / GUO, J.-J. / YI, T.-C. / JIN, D.-C. (2020): A new species of *Parabonzia* (Trombidiformes: Cunaxidae) based on adults and nymphs with a key to the world species. - *Acarologia* 60,4: 806-824**
- CHEN, J.-X. / GUO, J.-J. / YI, T.-C. / JIN, D.-C. (2020): Three new species of the genus *Cunaxoides* (Cunaxidae) from China. - *Syst. Appl. Acarol.* 25,11: 2077-2097**
- CHEN, X. / SUN, L. / ZHANG, Y.-P. / ZHANG, Y.-X. / LIN, J.-Z. (2020): Responses of avermectin-resistant and susceptible strains of *Neoseiulus cucumeris* (Oudemans) (Acari, Phytoseiidae) to *Tetranychus urticae* Koch (Acari, Tetranychidae) on sweet potato. - *Syst. Appl. Acarol.* 25,12: 2286-2299
- CHENG, Z.H. / FAN, F.F. / ZHAO, J.Z. / LI, R. / LI, S.C. / ZHANG, E.J. / LIU, Y.K. / WANG, J.-Y. / ZHU, X.R. / TIAN, Y.M. (2020):\* Optimization of the microemulsion formulation of curcuma oil and evaluation of its acaricidal efficacy against *Tetranychus cinnabarinus* (Boisduval) (Acari: Tetranychidae). - *J. Asia-Pacific Entomol.* 23,4: 1014-1022
- CHOI, J. / KOO, H.-N. / KIM, S.I. / PARK, B. / KIM, H. / KIM, G.-H. (2020): Target-site mutations and glutathione S-transferases are associated with Acequinocyl and Pyridaben resistance in the two-spotted spider mite *Tetranychus urticae* (Acari: Tetranychidae). - *Insects* 11,8: 511; 11 pp.; Doi:10.3390/insects11080511
- DA SILVA, R.S. / FIDELIS, E.G. / AMARO, G. / RAMOS, R.S. / SANTANA, P.A. / PICANCO, M.C. (2020): Climate-based seasonal dynamics of the invasive red palm mite *Raoiella indica*. - *Pest Manag. Sci.* 76,11: 3849-3856
- DARBEMAMIEH, M. / KAZMIERSKI, A. / PAKTINAT-SAEIJ, S. (2020): New records and remarks on Tydeoidea (Acari: Trombidiformes) from Mazandaran province of Iran. - *Persian J. Acarol.* 9,3: 243-253
- DAYOUB, A.M. / DIB, H. / BOUBOU, A. (2020): First record of two insects preying on the red tomato spider mite *Tetranychus evansi* (Acari: Tetranychidae) in Latakia governorate, Syria. - *Acarologia* 60,4: 872-877
- DEY, S. / KARMAKAR, K. (2020): Seasonal impact on life-fertility table parameters of *Oligonychus sapienticolus* Gupta infesting banana under Gangetic Basin of west Bengal, India. - *J. Environ. Biol.* 41: 631-636
- DJOSSOU, R. / AZANDEME-HOUNMALON, G.Y. / ONZO, A. / GNANVOSSOU, D. / ASSOGBA-KOMLAN, F. / TAMO,



- M. (2020):\* Susceptibility of ten tomato cultivars to attack by *Tetranychus evansi* Baker & Pritchard (Acari: Tetranychidae) under laboratory conditions. - Intern. J. Trop. Ins. Sci. 41,1: 425-431; DOI: 10.1007/s42690-020-00221-9
- DOGAN, S. / DOGAN, S. (2020): A second record of *Cryptognathus scutellatus* Summers & Chaudhri (Trombidiformes: Cryptognathidae). - Persian J. Acarol. 9,4: 319-326
- DOGAN, S. / DOGAN, S. (2020): New occurrence of *Ledermuelleriopsis aminiae* (Acariformes: Stigmaeidae) in Turkey and first descriptions of its nymphal stages. - Persian J. Acarol. 9,3: 225-232
- DUARTE ROCHA, C.F. / CUNHA-BARROS, M. / MENEZES, V.A. / VRCIBRADIC, D. / KIEFER, M.C. / FONTES, A.F. / VAN SUYS, M. ET AL.(2020): High prevalence and intensity of infestation of *Eutrombicula alfreddugesi* (Acarina: Trombiculidae) on *Tropidurus torquatus* (Squamata, Tropiduridae): effects of body size and on body condition across ten populations along the Brazilian coast. - Biologia 75,12: 2231-2237
- EBRAHIMIFAR, J. / SHISHEHBOR, P. / RASEKH, A. / HEMMATI, S.A. / RIDDICK, E.W. (2020): Effects of three artificial diets on life history parameters of the ladybird beetle *Stethorus gilvifrons*, a predator of tetranychid mites. - Forests 11,9: 579; 9 pp.; DOI: 10.3390/insects11090579
- EBRAHIMIFAR, J. / SHISHEHBOR, P. / RASEKH, A. / RIDDICK, E.W. (2020): Effect of factitious diets on development and reproduction of the ladybird beetle *Stethorus gilvifrons*, a predator of tetranychid mites. - BioControl 65,6: 703-711
- ESCOBAR-GARCIA, H.A. / ANDRADE, D.J. (2020): First report of *Raoiella indica* (Acari: Tenuipalpidae) in Peru. - Syst. Appl. Acarol. 25,10: 1729-1732
- FAJFER, M. (2020): A systematic revision of the genus *Neopterygosoma* Fajfer, 2019 (Acariformes: Pterygosomatidae) with the description of a new species. - Syst. Parasitol. 97: 535-551**
- FAN, Q.-H. / DAYAL, S.S. / FONG, H.M. / RAKUITA, P. / RAM, J.A. (2020): A contribution to the fauna of mites (Acari) in Fiji. - Syst. Appl. Acarol. 25,8: 1444-1460
- FARAONE, N. / EVANS, R. / LEBLANC, J. / HILLIER, N.K. (2020): Soil and foliar application of rock dust as natural control agent for two-spotted spider mites on tomato plants. - Scient. Rep. 10,1: 12108; 9 pp.; DOI: 10.1038/s41598-020-69060-5
- FARAZMAND, A. (2020): Effect of the temperature on development of *Tetranychus urticae* (Acari: Tetranychidae) feeding on cucumber leaves. - Intern. J. Acarol. 46,6: 381-386
- FARAZMAND, A. / AMIR-MAAFI, M. (2020): Oviposition model of *Amblyseius swirskii* Athias-Henriot in prey system (*Tetranychus urticae* Koch). - Syst. Appl. Acarol. 25,10: 1857-1866
- FATHIPOUR, Y. / MALEKNIA, B. / BAGHERI, A. / SOUFBAR, M. / REDDY, G.V.P. (2020):\* Functional and numerical responses, mutual interference, and resource switching of *Amblyseius swirskii* on two-spotted spider mite. - Biol. Contr. 146: 104266; DOI: 10.1016/j.biocontrol.2020.104266
- FELSKA, M. / MAKOL, J. / SHATROV, A.B. (2020): Stylostome formation by parasitic larvae of *Allothrombium fuliginosum* (Trombidiformes: Trombididae): morphology of feeding tubes and factors affecting their size. - Exp. Appl. Acarol. 82,3: 359-378
- FENG, K.Y. / LIU, J. / WEI, P. / OU, S. / WEN, X. / SHEN, G. / XU, Z.F. / XU, Q. / HE, L. (2020):\* lincRNA\_Tc13743.2-miR-133-5p-TcGSTm02 regulation pathway mediates cyflumetofen resistance in *Tetranychus cinnabarinus*. - Ins. Biochem. Molec. Biol. 123: 103413; DOI: 10.1016/j.ibmb.2020.103413
- FERRAZ, J.C.B. / DA SILVA, S.M. / DA FRANCA, S.M. / SILVA, P.R.R. / DA SILVA MELO, J.W. / DE LIMA, D.B. (2020): Host preference, population dynamics, distribution, and injuries of *Oligonychus punicae* (Acari: Tetranychidae) in an eucalyptus clonal minigarden. - Syst. Appl. Acarol. 25,9: 1649-1660
- FILGUEIRAS, R.M.C. / DA SILVA, B.W.R. / DE SOUSA NETO, E.P. / DE ALMEIDA MENDES, J. / DA SILVA MELO, J.W. (2020): Can the prey species *Raoiella indica* Hirst (Acari, Tenuipalpidae) support the development and reproduction of *Neoseiulus barkeri* Hughes (Acari, Phytoseiidae)? - Syst. Appl. Acarol. 25,8: 1485-1494
- FRANZIN, F.L. / COFFLER BOTTI, J.M. / FADINI, M.A.M. / MELO, J.O.F. / MENDES, S.M. (2020): Multiple infestations induce direct defense of maize to *Tetranychus urticae* (Acari: Tetranychidae). - Florida Ent. 103,3: 307-315

- FUNAYAMA, K. / KOMATSU, M. (2020): Absence of mowing prevents resurgence of *Tetranychus urticae* and *Panonychus ulmi* (Acari, Tetranychidae) after broad-spectrum insecticide use in apple orchards. - Appl. Entomol. Zool. 55: 379-384
- GARCIA-OCHAETA, J.F. / JACINAVICIUS, F. DE C. / BARROS-BATTESTI, D.M. / OCHOA, R. / BASSINI-SILVA, R. (2020): A case of co-parasitism of *Sarcoptes scabiei* (Linnaeus, 1758) (Sarcoptiformes: Sarcoptidae) and *Cheyletiella parasitivorax* (Mégnin, 1878) (Trombidiformes: Cheyletidae) in a European rabbit in Guatemala. - Intern. J. Acarol. 46,6: 474-476
- GLOWSKA, E. / FILUTOWSKA, Z.K. / DABERT, M. / GERTH, M. (2020): Microbial composition of enigmatic bird parasites: *Wolbachia* and *Spiroplasma* are the most important bacterial associates of quill mites (Acariformes: Syringophilidae). - MicrobiologyOpen 9: e964; 12 pp.; DOI: 10.1002/mbo3.964
- GODINHO, D.P. / JANSSEN, A. / LI, D. / CRUZ, C. / MAGALHAES, S. (2020): The distribution of herbivores between leaves matches their performance only in the absence of competitors. - Ecol. Evol. 10: 8405-8415
- GU, X.-Y. / ZHANG, Z.-Q. (2020): Ontogenetic development of chaetotaxy in Tenuipalpidae: a survey with special reference to sexual dimorphism. In: ZHANG, Z.-Q. / FUANGARWORN, M. / FAN, Q.-F. / YI, T.-C. (Eds.), Ontogeny and morphological diversity in immature mites (Part IV). - Zootaxa 4900 (1): 154-200
- GUO, Y. / SIEPEL, H. (2020): Monitoring microarthropods assemblages along a pH gradient in a forest soil over a 60 years' time period. - Appl. Sci. 10: 8282; 13 pp.; DOI: 10.3390/app10228202
- HAITLINGER, R. / ŠUNDIĆ, M. (2020): Two new species of *Leptus* Latreille, 1796 (Trombidiformes: Erythraeidae) from the Canary Islands, parasitising Curculionidae (Insecta: Coleoptera), with new metrical data for some *Leptus* spp.. - Syst. Parasitol. 97,6: 835-846
- HAJIQANBAR, H. / TAJODIN, M. (2020): Description of *Petalomium olszanowskii* sp. nov. (Acari, Neopygmephoridae), redescription of *P. aleinikovae*, and some new records of the myrmecophilous *Petalomium* from Iran. - Ann. Zool. 70,3: 333-343
- HAKIMITABAR, M. / SABOORI, A. / FADAEI, E. (2020): New species of *Abrolophus* (Acari, Erythraeidae) from Iran with a key to species with a comb-like seta on the palpal tarsus. - Syst. Appl. Acarol. 25,12: 2300-2314
- HALAWA, M.A. / METWALLY, ABD-ELSATTAR M. / ABDALLAH, AWAD. A. / AZIZA, M. ABO-ZAID (2020): Population dynamics of *Eutetranychus orientalis* (Klein) and predacious mites associated with three citrus varieties (Navel orange, Grapefruit, and Lemon) at El-Sharqia Governorate. - Egypt. Acad. J. Biol. Sci., A. Entomology 13,3: 47-56
- HAYAM, M.S. (2020): Effect of treated squash plants by Cytokinin Hormone (CKs) on the infestation by *Bemisia tabaci* and *Tetranychus urticae*. - Egypt. Acad. J. Biol. Sci., A. Entomology 13,1: 33-40
- HILARIO-PÉREZ, A.D. / DOWLING, A.P.G. (2020): Prevalence and new host records of nasal mites (Acari: Rhinonyssidae: Ereyetidae: Turbinoptidae) in birds from Arkansas and Illinois (United States). - Intern. J. Acarol. 46,8: 589-594
- HOMAYOONZADEH, M. / MOEINI, P. / TALEBI, K. / ALLAHYARI, H. / TORABI, E. / MICHAUD, J.P. (2020): Physiological responses of plants and mites to salicylic acid improve the efficacy of spirodiclofen for controlling *Tetranychus urticae* (Acari, Tetranychidae) on greenhouse tomatoes. - Exp. Appl. Acarol. 82,3: 319-333
- ITO, K. (2020): Predators of the nest-making spider mite *Schizotetranychus brevisetosus* (Acari: Tetranychidae). - J. Acarol. Soc. Jpn. 29,2: 59-70
- JAYARAM, C.S. / SHARMA, P.K. / SOOD, A.K. / GUPTA, S.K. (2020):\* Invasive hawthorn spider mite, *Amphitetranychus viennensis* (Zacher) (Acari: Tetranychidae) from India. - Current Sci. 119,5: 742-743
- KALÚZ, S. / ŠRÁMEK, P. / ŠEVČÍK, M. (2020): *Rudnicula goffi* n. sp. (Acariformes: Trombiculidae) from the diadem leaf-nosed bat *Hipposideros diadema* (Geoffroy) (Chiroptera: Hipposideridae) on Bali, Indonesia. - Syst. Parasitol. 98,1: 17-24
- KASZEWSKA, K. / SKORACKI, M. / HROMADA, M. (2020): The mites of the genus *Meitingsunes* Glowska and Skoracki (Acariformes: Syringophilidae) associated with pigeons and doves (Aves: Columbiformes): taxonomic studies with description of two new species. - Intern. J. Acarol. 46,6: 439-445

- KASZEWSKA, K. / SKORACKI, M. / KOSICKI, J.Z. / HROMADA, M. (2020):** New species and records of the quill mites of the genus *Peristerophila* Kethley, 1970 (Acariformes: Syringophilidae) associated with pigeons and doves (Aves: Columbiformes). - *Zootaxa* 4878 (2): 349-361
- KATLAV, A. / RIEGLER, M. / SEEMAN, O.D. (2020):** Tiny hitchhikers and parasites: a review of Australian heterostigmatic mites (Acari: Prostigmata) associated with insects, with description of three new species. - *Austral Entomol.* 59: 401-421
- KHAUSTOV, A.A. (2020): New records of predatory mites of the genus *Stigameus* (Acari, Prostigmata, Stigmaeidae) from Western Siberia with the redescription of *S. dignus* Kuznetsov and *S. uzunolukensis* Özcelik and Dogan. - *Acarina* 28,2: 177-191
- KHAUSTOV, A.A. (2020): First description of male and immatures in mite genus *Dasythyreus* (Acari: Dasythyreidae). In: ZHANG, Z.-Q. / FUANGARWORN, M. / SEEMAN, O. (Eds.), Ontogeny and morphological diversity in immature mites (Part III). - *Zootaxa* 4857 (1): 196-214
- KHAUSTOV, A.A. / FROLOV, A.V. (2020):** A new species of *Pavania* (Acari, Heterostigmata, Dolichocybidae) associated with *Scarabaeus typhon* (Coleoptera, Scarabaeidae) from Russia. - *Acarina* 28,2: 169-176
- KHAUSTOV, A.A. / HUGO-COETZEE, E.A. / ERMILOV, S.G. (2020):** Two new myrmecophilous *Scutacarus* (Acari, Scutacaridae) from South Africa. - *Ann. Zool.* 70,3: 397-407
- KIM, J.H. / ROH, J.Y. / YOON, K.A. / KIM, K. / SHIN, E.H. / PARK, M.Y. / LEE, S.H. (2020):\* Genome/transcriptome analysis of the chigger mite *Leptotrombidium pallidum*, a major vector for scrub typhus, with a special focus on genes more abundantly expressed in larval stage. - *J. Asia-Pacific Entomol.* 23,3: 816-824
- KIM, Y. / CHOI, M. / KWON, O. (2020):\* Bimonthly surveillance of wild rodents and chigger mites in urban parks in Daegu from 2018 to 2019. - *Entomol. Res.* 50,12: 609-615
- KIRISKI, M. / ERLER, F. / BOYACI, F. / BAYRAM, Y. (2020):\* Evaluation of resistance in 16 eggplant genotypes to the two-spotted spider mite, *Tetranychus urticae* Koch (Acari: Tetranychidae). - *Phytoparasitica* 49: 275-285
- KOBAYASHI, T. / HIRAGAKI, S. / SUZUKI, T. / OCHIAI, N. / CANLAS, L.J. / TUFAIL, M. / HAYASHI, N. / MOHAMED, A.A.M. / DEKEYSER, M.A. / MATSUDA, K. / TAKEDA, M. (2020):\* A unique primary structure of RDL (resistant to dieldrin) confers resistance to GABA-gated chloride channel blockers in the two-spotted spider mite *Tetranychus urticae* Koch. - *J. Neurochem.* 155,5: 508-521
- KONTSCHÁN, J. / KISS, E. / RIPKA, G. (2020): Rediscovery of *Cenopalpus lineola* (Canestrini and Fanzago, 1876) in Hungary (Acari, Tenuipalpidae). - *Acta Phytopath. Entomol. Hung.* 55,1: 103-114
- LAN, Y.-M. / FENG, S.-Q. / XIA, L.-Y. / LI, Z.-H. / CAO, Y. / STEJSKAL, V. / AULICKY, R. / WU, Y. (2020): The first complete mitochondrial genome of *Cheyletus malaccensis* (Acari: Cheyletidae): gene rearrangement. - *Syst. Appl. Acarol.* 25,8: 1433-1443
- LIANG, X. / CHEN, Q. / WU, C. / LIU, Y. / FANG, Y. (2020): Reference gene validation in *Eotetranychus sexmaculatus* (Acari: Tetranychidae) feeding on mite-susceptible and mite resistant rubber tree germplasms. - *Exp. Appl. Acarol.* 82,2: 211-228
- LIU, B. / DAVIES, K. / HALL, A. (2020):\* Silicon builds resilience in strawberry plants against both strawberry powdery mildew *Podosphaera aphanis* and two-spotted spider mites *Tetranychus urticae*. - *Plos One* 15,12: e241151; DOI: 10.1371/journal.pone.0241151
- LIU, M. / YI, T.-C. / GULBRONSON, C. / BAUCHAN, G.R. / OCHOA, R. (2020): Ontogenetic and morphological studies on *Tetranychus canadensis* (Acari: Tetranychidae). In: ZHANG, Z.-Q. / FUANGARWORN, M. / SEEMAN, O. (Eds.), Ontogeny and morphological diversity in immature mites (Part III). - *Zootaxa* 4857 (1): 215-250
- LV, M. / SUN, Z.Q. / LI, S.C. / ZHANG, S.Y. / XU, H. (2020): Non-food bioactive products for insecticides (II): Investigation on stress responses of *Tetranychus cinnabarinus* Boisduval against a derivative of the alkaloid matrine. - *Bioorganic & Medicinal Chem. Lett.* 30,16: 127346; DOI: 10.1016/j.bmcl.2020.127346
- MA, X.-F. / ZHANG, Y.-Y. / GUO, F.-Y. / LUO, J.-X. / DING, W. / ZHANG, Y.-Q. / ZHANG, Y.-Q. (2020):\* Molecular characterization of a voltage-gated calcium channel and its potential role in the acaricidal action of scopoletin against *Tetranychus cinnabarinus*. - *Pest. Biochem. Physiol.* 168: 104618; DOI: 10.1016/j.pestbp.2020.104618
- MAEOKA, A. / YUAN, L. / ITOH, Y. / SAITO, C. / DOI, M. /

- IMAMURA, T. / YAMAGUCHI, T. / IMURA, T. / OSAKABE, M. (2020): Diagnostic prediction of acaricide resistance gene frequency using quantitative real-time PCR with resistance allele-specific primers in the two-spotted spider mite *Tetranychus urticae* population (Acari: Tetranychidae). - Appl. Entomol. Zool. 55: 329-335
- MAGOWSKI, W.L. / SZOPNY, M. (2020): Two new species of the *Tarsonemus minimax* group (Acari, Heterostigmata, Tarsonemidae) associated with bark beetles on *Quercus falcata* in Southeastern United States. - Ann. Zool. 70,3: 409-423**
- MASOUMI, H. / SABOORI, A. / SEIEDY, M. (2020): Descriptions of all active instars of a new species of *Calypstoma* (Trombidiformes: Calypstomatidae) from Iran. - Syst. Appl. Acarol. 25,10: 1821-1839**
- MATTHEE, S. / STEKOLNIKOV, A.A. / VAN DER MESCHT, L. / FROESCHKE, G. / MORAND, S. (2020):\* The diversity and distribution of chigger mites associated with rodents in the South African savanna. - Parasitology 147,9: 1038-1047
- MCGREGOR, R. / CRISP, K. / CASTIGLIA, C. (2020): Feeding lifestyles of the Phytoseiidae revisited: searching for a factitious rearing host for *Neoseiulus fallacis* (Acari, Phytoseiidae). - BioControl 65: 593-599
- MENT, D. / RAMAN, S. / GAL, S. / EZRA, D. / PALEVSKY, E. (2020): Interactions of *Metarhizium brunneum*-7 with phytophagous mites following different application strategies. - Insects 11,6: 330; 15 pp.; DOI: 10.3390/insects11060330
- MONJARAS-BARRERA, J.I. / ORDAZ-SILVA, S. / HEINZ-CASTRO, R.T.Q. / LOPEZ-SANCHEZ, I.V. / PEDRO-MENDEZ, J.G. / CHACON-HERNANDEZ, J.C. (2020):\* Two new hosts of *Tetranychus merganser* Boudreaux in Northeastern Mexico: *Pittosporum tobira* (Pittosporaceae) and *Helietta parvifolia* (Rutaceae). - Southw. Entomol. 45,3: 819-821
- MONTELONGO-RUIZ, G. / CHACÓN-HERNÁNDEZ, J.C. / ROYES-ZEPEDA, F. / OCTAVIO-AGUILAR, P. / HEINZ-CASTRO, R.T.Q. / JUÁREZ, L. / ORDAZ-SILVA, S. (2020): The stimulatory effect of *Chamaedorea radicalis* ethanolic extract on *Tetranychus merganser* Boudreaux (Acari: Tetranychidae). - Intern. J. Acarol. 46,5: 318-321
- MORITA, A. / ULLAH, M.S. / SERA, T. / GOTOH, T. (2020): Effectiveness of second mating in sperm-depleted females in the two-spotted spider mite, *Tetranychus urticae* (Acari: Tetranychidae). - Syst. Appl. Acarol. 25,9: 1561-1575
- MOSTAFIZ, M.M. / SHIM, J.-K. / HWANG, H.-S. / BUNCH, H. / LEE, K.-Y. (2020): Acaricidal effects of methyl benzoate against *Tetranychus urticae* Koch (Acari: Tetranychidae) on common crop plants. - Pest Manag. Sci. 76: 2347-2354
- NAG, S. / BHULLAR, M.B. / KAUR, P. (2020): Efficacy of biorationals against two-spotted spider mite, *Tetranychus urticae* Koch, (Acari: Tetranychidae) infesting green pepper cultivated under protected conditions. - Intern. J. Acarol. 46,7: 489-495
- NAMIN, H.H. / ZHUROV, V. / SPENLER, J. / GRBIC, M. / GRBIC, V. / SCOTT, I.M. (2020):\* Resistance to pyridaben in Canadian greenhouse populations of two-spotted spider mites, *Tetranychus urticae* (Koch). - Pest. Biochem. Physiol. 170: 104677; DOI: 10.1016/j.pestbp.2020.104677
- NASRIN, M. / AMIN, M.R. / MIAH, M.R.U. / AKANDA, A.M. / MIAH, M.G. / KWON, O. / SUH, S.J. (2020): Occurrence and severity of mite *Polyphagotarsonemus latus* (Tarsonemidae) on chili plants: Analysis of pest-weather and host plant characteristics. - Entomol. Res.: 9 pp.: DOI: 10.1111/1748-5967.12491
- NEGM, M.W. / UECKERMANN, E.A. / GOTOH, T. (2020): A new species of *Cenopalpus* Pritchard & Baker (Acari: Tenuipalpidae) from Japan, with ontogeny of chaetotaxy and a key to the world species. - PeerJ 8: e9081; 26 pp.; DOI: 10.7717/peerj.9081**
- NOEI, J. / HONARMAND, A. (2020): Records of terrestrial parasitengone mites (Acari: Erythraeidae, Microtrombidiidae) ectoparasitic on grasshoppers from Khorasan Razavi province with new morphological data. - Plant Pest Res. 10,4: 15-26
- NUNES, M.A. / NOVELLI, V.M. / DA CUNHA, B.A. / SOARES, A.J. / DE MINEIRO, J.L.C. / FREITAS-ASTÚA, J. / BASTIANEL, M. (2020): Survey of the citrus leprosis vector (*Brevipalpus yothersi*) and phytoseiids in spontaneous plants of an organic citrus orchard. - Exp. Appl. Acarol. 82,2: 199-209
- OVALLE, T.M. / VASQUEZ-ORDONEZ, A.A. / JIMENEZ, J. / PARSA, S. / CUELLAR, W.J. ET AL. (2020): A simple PCR-based method for the rapid and accurate identification of spider mites (Tetranychidae) on cassava. - Scient. Repts. 10,1: 19496; DOI: 10.1038/s41598-020-75743-w

- PAKTINAT-SAEIJ, S. / ROSTAMI, A. / BAGHERI, M. / VALIZADEH, S. (2020): Redescription of *Odontoscirus iota* Atyeo (Acari: Trombidiformes: Bdellidae) from Iran, with a key to the Iranian species of *Odontoscirus*. - Persian J. Acarol. 9,4: 303-310
- PAKYARI, H. / MCNEILL, M.R. (2020):\* Effects of photoperiod on development and demographic parameters of the predatory thrips *Scolothrips longicornis* fed on *Tetranychus urticae*. - Bull. Entomol. Res. 110,5: 620-629; DOI: 10.1017/S0007485320000115
- PALOMARES-PEREZ, M. / CONTRERAS-BERMUDEZ, Y. / GRIFALDO-ALCANTARA, F. / GARCIA-GARCIA, R.E. / BRAVO-NUNEZ, M. / ARREDONDO-BERNAL, H.C. (2020):\* Development of *Ceraeochrysa cincta* (Neuroptera: Chrysopidae) fed with *Raoiella indica* (Acari: Tenuipalpidae). - Intern. J. Trop. Ins. Sci. 41: 1169-1176; DOI: 10.1007/s42690-020-00302-9
- PARK, Y.G. / LEE, J.H. (2020):\* Temperature-dependent development and oviposition models and life history characteristics of *Amblyseius eharai* (Amitai et Swirski) (Acari, Phytoseiidae) preying on *Tetranychus urticae* (Koch) (Acari, Tetranychidae). - J. Asia-Pacific Entomol. 23,4: 869-878
- PATAVARDHAN, S.S. / SUBBA, P. / NAJAR, A. / AWASTHI, K. / D'SOUZA, L. / PRASAD, T.S.K. / NIVAS, S.K. (2020):\* Plant-pathogen interactions: broad mite (*Polyphagotarsonemus latus*) - induced proteomic changes in chili pepper plant (*Capsicum frutescens*). - OMICS - J. Intergr. Biol. 24,12: 714-725; DOI: 10.1089/omi.2020.0080
- PEHLIVAN, S. / ALINC, T. / ACHIRI, T.D. / ATAKAN, E. (2020):\* Functional responses of two predatory bugs (Hemiptera: Anthocoridae) to changes in the abundance of *Tetranychus urticae* (Acari: Tetranychidae) and *Bemisia tabaci* (Hemiptera: Aleyrodidae). - Eur. J. Entomol. 117: 49-55
- PIDHORNA, S.Y. / CHERNYCHKO, K.J. / KIVGANOV, D.A. / TRACH, V.A. / DELI, O.F. (2020): New and interesting records of quill mites (Acari: Prostigmata: Syringophilidae) of passerine birds of southwestern Ukraine. - Persian J. Acarol. 9,3: 213-223
- PISHEHVAR, S. / KHANJANI, M. (2020): *Caligonella astragalusi* n. sp. (Acari, Trombidiformes, Caligonellidae) from Western Iran. - Syst. Appl. Acarol. 25,11: 1988-1993
- PORTA, A.O. / PROUD, D.N. / MICHALIK, P. / HERNANDES, F.A. (2020): Notes on fossil Bdelloidea 1: the first snout mite (Acariformes: Bdellidae: Odontoscirinae) from the Cretaceous amber of Myanmar. - Syst. Appl. Acarol. 25,10: 1754-1764
- RAHIMINEJAD, V. / HAJIQANBAR, H. (2020): New records of mites of the Heterostigmata (Acari: Prostigmata) associated with insects from Golestan Province, northern Iran. - Persian J. Acarol. 9,3: 233-242
- RAHIMINEJAD, V. / HAJIQANBAR, H. / TALEBI, A.A. (2020): An alpha diversity survey of Heterostigmatic mites (Trombidiformes, Prostigmata) phoretic on scarabaeoid beetles in Hyrcani forest, northern Iran. - Syst. Appl. Acarol. 25,11: 2033-2046
- RAHMAN, M.A. / SARKER, S. / HAM, E. / LEE, J.-S. / LIM, U.T. (2020):\* Development and fecundity of *Orius minutus* (Hemiptera: Anthocoridae) and *O. laevigatus* reared on *Tetranychus urticae* (Acari: Tetranychidae). - J. Econ. Entomol. 113,4: 1735-1740
- RAMIREZ, M.B. / SARUBBI, H.J. / ARIAS, O. / DE AZEVEDO, L.H. / FLECHTMANN, C.H.W. (2020):\* First report of *Raoiella indica* Hirst (Acari: Tenuipalpidae) in Paraguay. - J. Plant Dis. Prot. 127,5: 715-717
- RAMIREZ-LÓPEZ, J. / OTERO-COLINA, G. / ESTRADA-VELEGAS, E.G. / BALLESTEROS-BARRERA, C. / QUERO-RICO, H.J. (2020): Dispersal and resistance to starvation in *Raoiella indica* (Acari: Tenuipalpidae). - Exp. Appl. Acarol. 82,2: 229-241
- RIGA, M. / ILIAS, A. / VONTAS, J. / DOURIS, V. (2020): Co-expression of a homologous cytochrome P450 reductase is required for in vivo validation of the *Tetranychus urticae* CYP392A16-based abamectin resistance in *Drosophila*. - Insects 11,12: 829; 12 pp.; DOI: 10.3390/insects11120829
- RIPKA, G. / KIRÁLY, G. / SZABÓ, A. (2020): Eriophyoid (Acariformes, Eriophyoidea) and phytoseiid (Parasitiformes, Phytoseiidae) mite fauna of selected *Rubus taxa* (Rosaceae) with re-description of *Anthocoptes rubicolens* Roivainen and *Epitrimerus rubi* (Domes). - Acta Phytopathol. Entomol. Hung. 55,2: 167-192
- RIPKA, G. / KISS, E. / KONTSCHÁN, J. / SZABÓ, A. (2020): A new *Leipothrix* species (Acari, Acariformes, Eriophyoidea) from Hungary on *Zinnia elegans* (Asteraceae). - Acta Phytopathol. Entomol. Hung.

**55,2: 223-234**

- ROCHA, C.F.D. / CUNHA-BARROS, M.N. / MENEZES, V.A. / VRCIBRADIC, D. / KIEFER, M.C. / FONTES, A.F. / VAN SLUYS, M. ET AL. (2020):\* High prevalence and intensity of infestation of *Eutrombicula alfreddugesi* (Acarina: Trombiculidae) on *Tropidurus torquatus* (Squamata, Tropiduridae): effects of body size and on body condition across ten populations along the Brazilian coast. - *Biologia* 75: 2231-2237
- ROCHA, M.S. / CELADA, L.A. / RODRIGUES, E.N.L. / COSTA-SCHMIDT, L.E. (2020): Under pressure: predation risk defining mating investment in matured spider mite *Tetranychus urticae*. - *Syst. Appl. Acarol.* 25,8: 1359-1372
- RODRIGUES, J.C.V. / COSH, M.H. / HUNT, E.R. / DE MORAES, G.J. / BARROSO, G. / WHITE, W.A. / OCHOA, R. (2020): Tracking red palm mite damage in the western hemisphere invasion with landsat remote sensing data. - *Insects* 11,9: 627; 18 pp.; DOI: 10.3390/insects11090627
- ROKNUZZAMAN, A.H.M. / BASAK, R. / RIMY, S.J. / SHARMIN, D. / AHMAD, M. / ULLAH, M.S. (2020):\* Host dependent demographic parameters of spider mite *Oligonychus biharensis* (Hirst) on two bean species. - *Intern. J. Trop. Ins. Sci.* 41: 801-808; DOI: 10.1007/s42690-020-00270-0
- RUIZ-MONTIEL, C. / REYES-PEREZ, N. / ABATO-ZARATE, M. / DOMINGUEZ-GONZALEZ, N. / ANASTACIO-LINO, C. (2020):\* *Tetranychus mexicanus* associated with soursop (*Annona muricata* L.) in Veracruz, Mexico. - *Southw. Entomol.* 45,3: 815-818
- SAEIDI, Z. (2020): Screening of 55 pinto bean lines for resistance to the two-spotted spider mite, *Tetranychus urticae* Koch (Acari: Tetranychidae). - *Persian J. Acarol.* 9,3: 291-299
- SAEIDI, Z. (2020): Effect of washing and some acaricides in control of almond spider mites, *Schizotetranychus smirnovi* (Acari, Tetranychidae). - *J. Appl. Res. Plant Prot.* 9,3: 59-66
- SAEIDI, Z. / BABAEI, G. / SALEHI, F. (2020): Population density and yield loss caused by two spotted spider mite, *Tetranychus urticae* Koch on different pinto bean lines under field conditions. - *Syst. Appl. Acarol.* 25,12: 2212-2223
- SAEIDI, Z. / NEMAT, A. (2020): Almond spider mite, *Schizotetranychus smirnovi* (Acari: Tetranychidae): population parameters in laboratory and field conditions. - *Persian J. Acarol.* 9,3: 279-289
- SAEIDI, Z. / NEMAT, A. / RIAHI, E. (2020): Temperature-dependent development and life table parameters of *Schizotetranychus smirnovi* (Acari: Tetranychidae) on Almond. - *Syst. Appl. Acarol.* 25,8: 1373-1383
- SARMAH, M. / TALUKDAR, T. / HANDIQUE, G. / ROY, S. (2020):\* *Millettia pinnata* and *Sesamum indicum* seed oil based green pesticide formulations for the management of tea red spider mite, *Oligonychus coffeae* Nietner (Acari: Tetranychidae). - *Intern. J. Trop. Ins. Sci.* 41: 619-628; DOI: 10.1007/s42690-020-00249-9
- SEEMAN, O.D. (2020): **Unusual new species of Australian *Eutarsopolipus* (Acariformes, Podapolipidae) from Clivina (Coleoptera, Carabidae).** - *Ann. Zool.* 70,3: 425-438
- SENICZAK, A. / SENICZAK, A. / SCHWARZFELD, M.D. / COULSON, S.J. / GWIAZDOWICZ, D.J. (2020): Diversity and distribution of mites (Acari: Ixodida, Mesostigmata, Trombidiformes, Sarcoptiformes) in the Svalbard Archipelago. - *Diversity* 12,323; 31 pp.; DOI: 10.3390/d12090323
- SEYEDEIN, S. / RAHIMINEJAD, V. / NADIMI, A. (2020): **Two new species of microdispid mites (Acari: Hetero-stigmata: Pygmephoridae) associated with *Lucanus ibericus* (Coleoptera: Lucanidae).** - *Acarologia* 60,3: 595-606
- SHAMSI, M. / STEKOLNIKOV, A.A. / SABOORI, A. / HAKMITABAR, M. / GOLPAYEGANI, A.Z. (2020): **Contributions to the fauna of chigger mites (Acariformes: Trombiculidae) of Iran.** - *Zootaxa* 4834 (3): 301-355
- SHANG, Y. / WANG, Y. / DENG, J.Y. / LIU, X.Y. / FANG, Y.H. / RAO, Q. / WU, H.M. (2020): Comparative transcriptome analysis reveals the mechanism related to fluazinam stress of *Panonychus citri* (Acarina: Tetranychidae). - *Insects* 11,11: 730; 14 pp.; DOI: 10.3390/insects11110730
- SILVA, J.F. / PEREIRA, J.M. / SILVA ROCHA, C.B. / PERES, A.J.A. / LIMA, E.L. DE / DAUD, R.D. (2020): Composition and abundance of mites (Arachnida: Acariformes: Parasitiformes) on *Hancornia speciosa* Gomes varieties. - *Intern. J. Acarol.* 46,5: 394-400

- SILVA, R.S. DA / FIDELIS, E.G. / AMARO, G. / RAMOS, R.S. / SANTANA P.A. / PICANCO, M.C. (2020): Climate-based seasonal dynamics of the invasive red palm mite *Raoiella indica*. - Pest Manag. Sci. 76: 3849-3856
- SILVA, R.T.L. DA / SILVA, V.L. DA / SILVA, D.E. / DO NASCIMENTO, J.M. / SCHÜSSLER, M. / SPIES, F.F. / WINTER BERTE, A.L. ET AL. (2020): Bioecological aspects of mites associated with *Vitis vinifera* varieties in the state of Rio Grande Do Sul, Brazil. - Syst. Appl. Acarol. 25,9: 1618-1642
- SIMMA, E.A. / HAILU, B. / JONCKHEERE, W. / ROGIERS, C. / DUCHATEAU, L. / DERMAUW, W. / VAN LEEUWEN, T. (2020): Acaricide resistance status and identification of resistance mutations in populations of the two-spotted spider mite *Tetranychus urticae* from Ethiopia. - Exp. Appl. Acarol. 82,4: 475-491
- SKORACKI, M. / HROMADA, M. / KASZEWSKA, K. / SIKORA, B. (2020): Females of the quill mite genera *Peristerophila* and *Castosyringophilus* (Acariformes: Syringophilidae) are two morphological forms: ontogenetic and population evidences. - Syst. Appl. Acarol. 25,10: 1803-1820
- SKORACKI, M. / ZMUDZINSKI, M. / SIKORA, B. (2020): *Rafapicobia olszanowskii*, a new species of Syringophilid mite (Acariformes, Syringophilidae) from *Semnornis ramphastinus* (Piciformes, Semnornithidae). - Ann. Zool. 70,3: 449-452
- SUGIMOTO, N. / TAKAHASHI, A. / IHARA, R. / ITOH, Y. / JOURAKU, A. / VAN LEEUWEN, T. / OSAKABE, M. (2020):\* QTL mapping using microsatellite linkage reveals target-site mutations associated with high levels of resistance against three mitochondrial complex II inhibitors in *Tetranychus urticae*. - Insect Biochem. Molec. Biol. 123: 103410; DOI: 10.1016/j.ibmb.2020.103410
- SUSURLUK, H. / GÜRKAN, M.O. (2020):\* Mode of inheritance and biochemical mechanisms underlying lambda-cyhalothrin and bifenthrin resistance in the laboratory-selected two-spotted spider mite, *Tetranychus urticae*. - Crop Prot. 137: 105280; DOI: 10.1016/j.cpro.2020.105280
- TAKANO, Y. / GOTO, S.G. / GOTOH, T. (2020): Diapause induction in *Eotetranychus smithi* (Acari: Tetranychidae): effect of average temperature, but not of thermoperiod. - Physiol. Entomol. 46,1: 8-15
- TAKEDA, N. / TAKATA, A. / ARAI, Y. / SASAYA, K. / NOYAMA, S. / WAKISAKA, S. / GHAZY, N.A. / VOIGT, D. / SUZUKI, T. (2020):\* A vegetable oil-based biopesticide with ovicidal activity against the two-spotted spider mite, *Tetranychus urticae* Koch. - Engineering Life Sci. 20,11: 525-534; DOI: 10.1002/elsc.202000042
- TASSI, A.D. / DUARTE, A.F. / DA CUNHA, U.S. / OCHOA, R. (2020): First record of family Linotetranae in Brazil, with a redescription of *Linotetranus achrous* Baker and Pritchard and description of a new species. - Intern. J. Acarol. 46,8: 579-588
- TIAN, T.-A. / YU, L. / SUN, G.-J. / YU, X.-F. / LI, L. / WU, C.-X. / CHEN, Y.-C. / YANG, M.-F. / LIU, J.-F. (2020): Biological control efficiency of an ectoparasitic mite *Pyemotes zhonghuajia* on oriental armyworm *Mythimna separata*. - Syst. Appl. Acarol. 25,9: 1683-1692
- TIAN, T.-A. / YU, L.-C. / YU, X.-F. / SUN, G.-J. / ZHANG, H.-Y. / LIU, J.-F. / YANG, M.-F. (2020): Proper hunger increased the lethal efficiency of the ectoparasitic mite *Pyemotes zhonghuajia* (Trombidiformes: Pyemotidae). - Syst. Appl. Acarol. 25,9: 1661-1667
- TIFTIKCI, P. / KÖK, S. / KASAP, I. (2020):\* Biological control of twospotted spider mites [*Tetranychus urticae* Koch (Acari: Tetranychidae)] using *Phytoseiulus persimilis* Athias-Henriot (Acari: Phytoseiidae) at different ratios of release on field-grown tomatoes. - Biol. Contr. 151: 104404; DOI: 10.1016/j.biocontrol.2020.104404
- TOLLERUP, K. / HIGBEE, B. (2020): Evaluation of a 'preventative' strategy to manage spider mites on almond. - Insects 11,11: 772; 11 pp.; DOI: 10.3390/insects11110772
- TOMIMORI, D. / HOSOKAWA, M. / AOKI, S. / OSAKABE, M. (2020):\* Effects of growth phase and ultraviolet-B pretreatment in *Perilla leaves* on the two-spotted spider mite. - Environ. Entomol. 49,4: 886-894
- TOORANI, A.H. / BESHELI, B.A. / ABBASIPOUR, H. (2020): Toxicity of selected plant-derived pesticides to the citrus spider mites (Acari: Tetranychidae) and their predator, *Stethorus gilvifrons*, in the semi-field conditions. - Intern. J. Acarol. 46,8: 644-651
- UUSITALO, M. (2020): A new species of the family Alycidae (Acari, Endeostigmata) from Southern Siberia, Russia. - Acarina 28,2: 109-113
- UUSITALO, M. / UECKERMANN, E.A. / THERON, P.D.

- (2020): A review of the family Alycidae (Acari, Acariformes) from South Africa. - Zootaxa 4858 (3): 301-340**
- UYGUN, T. / OZGUVEN, M.M. / YANAR, D. (2020): A new approach to monitor and assess the damage caused by two-spotted spider mite. - Exp. Appl. Acarol. 82,3: 335-346
- VISSA, S. / MERCADO, J.E. / MALESKY, D. / UHEY, D.A. / MORI, B.A. / KNEE, W. / EVENDEM, M.L. / HOFSTETTER, R.W. (2020): Patterns of diversity in the symbiotic mite assemblage of the mountain pine beetle, *Dendroctonus ponderosae* Hopkins. - Forests 11,10: 1102; 16 pp.; DOI: 10.3390/f11101102
- WARABIEDA, W. / MARKIEWICZ, M. / WÓJCIK, D. (2020): Mutual relations between jasmonic acid and acibenzolar-S-methyl in the induction of resistance to the two-spotted spider mite (*Tetranychus urticae*) in apple trees. - Exp. Appl. Acarol. 82,1: 59-79
- WEERAWANSHA, N. / WANG, Q. / HE, X.Z. (2020): Effect of foundress population density and size on reproduction and population growth of a haplodiploid mite. - Syst. Appl. Acarol. 25,11: 2063-2076
- WU, Y.-F. / JIN, D.-C. / YI, T.-C. / CHEN, J.-X. / GUO, J.-J. (2020): First description of immature stages and redescription of female *Bdella longicornis* (Acari, Prostigmata, Bdellidae), with an ontogeny of chaetotaxy. In: ZHANG, Z.-Q. / FUANGARWORN, M. / FAN, Q.-F. / YI, T.-C. (Eds.), Ontogeny and morphological diversity in immature mites (Part IV). - Zootaxa 4900 (1): 102-124
- WURLITZER, W.B. / JOHANN, L. / FERLA, N.J. / DA SILVA, G.L. (2020): New species of the genera *Lupaeus* and *Rubroscirus* (Acari: Cunaxidae) from Southern Brazil. - Syst. Appl. Acarol. 25,12: 2224-2234**
- WURLITZER, W.B. / JOHANN, L. / FERLA, N.J. / DA SILVA, G.L. (2020): Erratum: New species of the genera *Lupaeus* and *Rubroscirus* (Acari: Cunaxidae) from Southern Brazil. - Syst. Appl. Acarol. 25,12: 2320
- XIA, X. / PENG, C.W. / CUI, J.R. / JIN, P.Y. / YANG, K. / HONG, X.Y. (2020):\* *Wolbachia* affects reproduction in the spider mite *Tetranychus truncatus* (Acari: Tetranychidae) by regulating chorion protein S38-like and Rop. - Ins. Molec. Biol. 30,1: 18-29
- XIE, K. / LU, Y.-J. / HUO, S.-M. / HONG, X.-Y. (2020): Co-infection of *Wolbachia* and *Spiroplasma* in spider mite *Tetranychus truncatus* increases male fitness. - Ins. Sci. 27,5: 921-937
- XU, S.-Y. / ZHANG, Z.-Q. (2020): *Balaustium medicagoense* Meyer & Ryke, 1959 newly discovered in New Zealand (Acari: Erythraeidae): descriptions of all life stages. In: ZHANG, Z.-Q. / FUANGARWORN, M. / FAN, Q.-F. / YI, T.-C. (Eds.), Ontogeny and morphological diversity in immature mites (Part IV). - Zootaxa 4900 (1): 125-153
- XUE, W. / SNOECK, S. / NJIRU, C. / INAK, E. / DERMAUW, W. / VAN LEEUWEN, T. (2020): Geographical distribution and molecular insights into abamectin and milbemectin cross-resistance in European field populations of *Tetranychus urticae*. - Pest Manag. Sci. 76: 2569-2581
- XUE, W.X. / MERMANS, C. / PAPAPOSTOULOU, K.M. / LAMPROUSI, M. / CHRISTOU, I.-K. / INAK, E. / DOURIS, V. / VONTAS, J. / DERMAUW, W. / VAN LEEUWEN, T. (2020): \* Untangling a Gordian knot: the role of a GluCl3 I321T mutation in abamectin resistance in *Tetranychus urticae*. - Pest Manag. Sci. 77,4: 1581-1593; DOI: 10.1002/ps.6215
- YANG, J. / ZHANG, Y. / ZHAO, J. / GAO, Y. / LIU, Z. / ZHANG, P. / FAN, J. / ZHOU, X. / FAN, R. (2020): Selection of reference genes for RT-qPCR analysis under extrinsic conditions in the hawthorn spider mite, *Amphitetranychus viennensis*. - Front. Physiol. 11: 378; 11 pp.; DOI: 10.3389/fphys.2020.00378
- YANG, K. / CHEN, H. / BING, X.-L. / XIA, X. / ZHU, Y.-X. / HONG, X.-Y. (2020): Antibiotic-induced changes in *Tetranychus truncatus* bacterial community alter its fecundity, longevity and sex-ratio. - Syst. Appl. Acarol. 25,9: 1668-1682
- YU, S.-J. / CONG, L. / LIU, H.-Q. / RAN, C. (2020):\* Genetic analysis and screening of detoxification-related genes in an amitraz-resistant strain of *Panonychus citri*. - Bull. Entomol. Res. 110,6: 743-755
- ZHANG, Z.-Q. / FUANGARWORN, M. / FAN, Q.-F. / YI, T.-C. (Eds.) (2020): Ontogeny and morphological diversity in immature mites (Part IV). - Zootaxa 4900 (1): 1-200
- ZHANG, Z.-Q. / FUANGARWORN, M. / SEEMAN, O. (Eds.) (2020): Ontogeny and morphological diversity in immature mites (Part III). - Zootaxa 4857 (1): 1-250
- ZHAO, Y. / ZHANG, W.Y. / WANG, R.L. / NIU, D.L. (2020): Divergent domains of 28S ribosomal RNA gene: DNA



barcodes for molecular classification and identification of mites. - *Paras. Vect.* 13: 251; 12 pp.; DOI: 10.1186/s13071-020-04124-z

ZHOU, P. / HE, X.-Z. / CHEN, C. / WANG, Q. (2020): No evidence for inbreeding depression and inbreeding avoidance in a haplodiploid mite *Tetranychus ludeni* Zacher. - *Syst. Appl. Acarol.* 25,9: 1723-1728

ZHU, Y.-X. / SONG, Z.-R. / SONG, Y.-L. / HONG, X.-Y. (2020): Double infection of *Wolbachia* and *Spiroplasma* alters induced plant defense and spider mite fecundity. - *Pest Manag. Sci.* 76: 3273-3281

**ZMUDZINSKI, M. (2020): New fossil stilt-legged mites of *Neophyllobius* Berlese, 1886 (Acariformes, Camerobiidae) from Eocene Baltic amber. - *J. Paleontology* 94,4: 696-715**

## Publications, additions 2019

AHMED, N. (2019): Compatibility of *Phytoseiulus persimilis* with *Isaria fumosorosea* against two-spotted spider mites (*Tetranychus urticae*) on soybean. - *Egypt. Acad. J. Biol. Sci., A. Entomology* 12,5: 69-79

EMAM, A.S. / AIAD, K.A. / ABDALLAH, A.M. (2019): Effect of infested carnation flowers by *Haplothrips cotei* and *Tetranychus urticae* on the vase life period under glasshouse conditions. - *Egypt. Acad. J. Biol. Sci., A. Entomology* 12,6: 1-8

EMAM, A.S. / EL-ZAHER MAHMOUD, S.A. / EL-RAHMAN, A.A. (2019): Effect of treated duranta seedlings by triacontanol hormone (TRIA) on the infestation by *Aphis durantae* and *Tetranychus urticae* under glasshouse conditions. - *Egypt. Acad. J. Biol. Sci., A. Entomology* 12,4: 33-39

MOHAMED, A.A. / KALMOSH, F.S. / EL-KAWAS, H.M. (2019): Effect of two egyptian cotton varieties on development and life table of the two-spotted spider mite, *Tetranychus urticae* Koch (Acari: Tetranychidae) in relation to leaf chemical contents. - *Egypt. Acad. J. Biol. Sci., A. Entomology* 12,3: 63-72

NASR, H.M. / GABER, W.M. / AZIZ, W.Z. / SHEHATA, E.A. (2019): Effect of host plant on the biological aspects and life table parameters for *Tetranychus urticae* (Acari: Tetranychidae). - *Egypt. Acad. J. Biol. Sci., A. Entomology* 12,6: 75-79

PRASANTHI, G. / KUMAR, N.G. / GURU PIRASANNA PANDI, G. / BASANA GOWDA, G. / PATIL, N.K.B. (2019): Relative abundance of soil fauna in organic farming with soybean. - *Indian J. Entomol.* 81,4: 950-953

WAKI, T. / SHIMANO, S. / SHIBA, M. (2019): Snail mite *Riccardoella reaumuri* (Acariformes: Prostigmata: Ereyetidae) as free living from Shikoku Island, Japan. - *Edaphologia* 105: 26-27

## Publications, additions 2018

AFAF, A.A. / ABD-EL WAHAB, A.H. / NAEMA, A.A. / SAWSAN, M.A. / MOHAMMED, E.M. (2018): Impact of biotic and abiotic factors on the population dynamics of *Bemisia tabaci* (Genn.) and *Tetranychus urticae* (Koch) infested tomato plant *Lycopersicon esculentum* L. at kafr El sheikh Governorate. - *Egypt. Acad. J. Biol. Sci., A. Entomology* 11,4: 41-50

ATWA, W.A. / EL-NAGGAR, M.E. / KHALIL, A.M. / EL-SHAER, M.E. / MOSTAFA, Z.M.M. (2018): Biological studies on cheyletid predator mite, *Cheletogenes ornatus* (Canestrini & Fanzago) when fed on the different preys. - *Egypt. Acad. J. Biol. Sci., A. Entomology* 11,5: 21-29

BERON, P. (2018): Zoogeography of Arachnida. In DUMONT, H.J. (Ed.): *Monographiae Biologicae*. - Springer Intern. Publ. AG 94: 1005 pp.

DOGAN, S. / DOGAN, S. (2018): The stigmaeid mites (Acari: Stigmaeidae) from Yedigöller, Esence Mountains (Turkey). - *Abstr. Ecol. Intern. 2018 Symp., Kastamonu*, 19-23 June 2018: 771

DOGAN, S. / DOGAN, S. / ERMAN, O. (2018): Cryptognathid mites (Acari: Cryptognathidae) of Harsit Valley and Örumcek Forests (Turkey). - *Abstr. Ecol. Intern. 2018 Symp., Kastamonu*, 19-23 June 2018: 671

DOGAN, S. / DOGAN, S. / KABASAKAL, B. (2018): New occurrence of the mite genus *Columbicheyla* (Acari, Cheyletidae) in Turkey. - *Abstr. Ecol. Intern. 2018 Symp., Kastamonu*, 19-23 June 2018: 670

DOGAN, S. / DOGAN, S. / TÜRK, M.B. (2018): Numerical variations in the body setae of *Stigmaeus elongatus* Berlese (Acari: Stigmaeidae). - *Abstr. Ecol. Intern. 2018 Symp., Kastamonu*, 19-23 June 2018: 438

HUSSIAN, N.A.H. / EL-SHARABASY, H.M. / ABOGHALIA,

- A.H. / SOLIMNA, M.F.M. (2018): Population fluctuations of the phytophagous mite, *Oligonychus mangiferus* and its predator on Mango trees in Ismailia Governorate, Egypt. - Egypt. Acad. J. Biol. Sci., A. Entomology 11,4: 83-88
- HUSSIAN, N.A.H. / EL-SHARABASY, H.M. / ABOGHALIA, A.H. / SOLIMNA, M.F.M. (2018): Mites inhabiting some fruit trees in Ismailia Governorate. - Egypt. Acad. J. Biol. Sci., A. Entomology 11,4: 73-81
- MALAKAH, F.I.E. / ABD EL-SALAM, M.E. (2018): Age distribution patterns of mite, some predator and piercing sucking insects inhabiting Faba bean as a method for prediction of reproductive capabilities and their relationships to Phenols leaf content. - Egypt. Acad. J. Biol. Sci., A. Entomology 11,4: 99-108
- ÖZBEK, B. / YESILAYER, A. (2018): *Beauveria bassiana* (Balsamo) vuillemin against two spotted spider mite [*Tetranychus urticae* Koch (Acarina:Tetranychidae)]. - Abstr. Ecol. Intern. Symp., Kastamonu, 19-23 June 2018: 912
- SEVSAY, S. / BUGA, E. (2018): Identification of ectoparasitic *Trombidium holosericeum* larvae (Acari: Trombidiidae) on *Rhagio* sp. (Diptera: Rhagionidae) from Ordu Province. - Abstr. Ecol. Intern. Symp., Kastamonu, 19-23 June 2018: 162
- SEVSAY, S. / BUGA, E. / ELVERICI, M. (2018): A new locality record of *Emitrombidium giocondi* (Acari: Trombidiidae) from Turkey. - Abstr. Ecol. Intern. Symp., Kastamonu, 19-23 June 2018: 746
- URHAN, R. / AKSU, B. (2018): An overview of soil mites (Acari) in Nazilli District Center, Aydin - Turkey. - Abstr. Ecol. Intern. Symp., Kastamonu, 19-23 June 2018: 145
- YASSIN, E.M.A. / OSMAN, S.A.A. / RAHOUMA, A.K.A. (2018): Occurrence of different mites associated with different cereals and legumes crops in different locations of Egypt. - Egypt. Acad. J. Biol. Sci., A. Entomology 11,4: 51-58
- A. Entomology 10,7: 107-115
- ABO-SHNAF, R.I.A. (2017): Temperature-based life history and life table parameters of the two spotted-spider mite (Acari: Tetranychidae) on white frangipani. - Egypt. Acad. J. Biolog. Sci., A. Entomology 10,3: 9-16
- AKMAN, E. / ADIL, S. / SEVSAY, S. (2017): First deutonymph record of *Microtrombidium pusillum* (Hermann, 1804) (Acari, Microtrombidiidae) from Turkey. - Abstr. Ecol. 2017 Intern. Symp., Kayseri, 11-13 May 2017: 589
- BERON, P. (2017): Acarorum Catalogus I - First supplement (2008-2016). - Hist. Natur. Bulg. 24: 131-154
- BINGÜL, M. / DOĞAN, S. (2017): A contribute to the knowledge on mite diversity in Turkey: *Cheylostigmaeus tarae* (Acari: Stigmaeidae). - Abstr. Ecol. 2017 Intern. Symp., Kayseri, 11-13 May 2017: 402
- BINGÜL, M. / DOĞAN, S. / DOĞAN, S. (2017): Morphological abnormalities in some stigmaeid species (Acari: Raphignathoidea: Stigmaeidae). - Abstr. Ecol. 2017 Intern. Symp., Kayseri, 11-13 May 2017: 692
- DOĞAN, S. / DOĞAN, S. / BINGÜL, M. / ZEYTUN, E. / ERMAN, O. (2017): First description of the larva of *Stigmaeus erzincanus* (Acari: Stigmaeidae) from Kemah District (Erzincan). - Abstr. Ecol. 2017 Intern. Symp., Kayseri, 11-13 May 2017: 165
- ELHALAWANY, A.S. / DEWIDAR, A.A. (2017): Efficiency of some plant essential oils against the two-spotted spider mite, *Tetranychus urticae* Koch and the two predatory mites *Phytoseiulus persimilis* (A.-H.) and *Neoseiulus californicus* (McGregor). - Egypt. Acad. J. Biol. Sci., A. Entomology 10,7: 135-147
- HALAWA, A.M. (2017): Biological aspects of *Brevipalpus californicus* (Banks) (Acari: Prostigmata: Tenuipalpidae) on Navel orange variety *Citrus sinensis* (L.). - Egypt. Acad. J. Biol. Sci., A. Entomology 10,6: 123-128
- HASSAN, D.M.A. / MIKHAIL, W.Z.A. / RIZK, M.A. / SOBHY, H.M. / NADA, M.S. (2017): Evaluate the feeding preference of some predator mites towards red spider mites untreated and treated with *Beauveria bassiana*. - Egypt. Acad. J. Biol. Sci., A. Entomology 10,5: 11-20
- HASSAN, D.M.A. / RIZK, M.A. / SOBHY, H.M. / MIKHAIL, W.Z.A. / NADA, M.S. (2017): Virulent entomopathogenic fungi against the two-spotted spider mite *Tetranychus urticae* and some associated predator mites as non target

## Publications, additions 2017

- ABD EL-RAHMAN, H.A. (2017): The effect of magnetic force and magnetic water on behavior and population of *Tetranychus urticae* and *Euseius scutalis* on soybean in the laboratory and field. - Egypt. Acad. J. Biol. Sci.,

- organisms. - Egypt. Acad. J. Biol. Sci., A. Entomology 10,6: 37-56
- MEAD, H.M. / AL-SHANNAF, H.M.H. / KHEDR, M.A. / MOHAMED, O.M.O. / DARWESH, A.E.I. (2017): Response of some cotton varieties to infestation of two spotted spider mite, *Tetranychus urticae* Koch (Acari: Tetranychidae) and the predator, *Euseius scutalis* (Athias-Henriot) El-Badry (Acari: Phytoseiidae) in relation with its chemical composition. - Egypt. Acad. J. Biol. Sci., A. Entomology 10,7: 117-125
- MOSTAFA, A.M. / IBRAHIM, W.L.F. / ABOU EL-NOUR, B.M. / YASSIN, E.M.A. / ABOU EL-EINIEN, N.F.E. (2017): Occurrence of fungivorous mites in different habitats at Dakahlia Governorate. - Egypt. Acad. J. Biol. Sci., A. Entomology 10,5: 53-58
- NEEVEN, F.A. (2017): Effect of some bio-insecticides against *Tetranychus urticae* Koch. - Egypt. Acad. J. Biol. Sci., A. Entomology 10,2: 89-94
- SALWA, S.M.E. / KOTTB, M.R. (2017): Bioactivity of *Trichoderma* (6-Pentyl  $\alpha$ -pyrone) against *Tetranychus urticae* Koch (Acari: Tetranychidae). - Egypt. Acad. J. Biol. Sci., A. Entomology 10,3: 29-34
- TAHA, H.S.E.D. (2017): Contact and residual effect of different acaricides formulations of control of *Tetranychus urticae* Koch (Acari: Tetranychidae). - Egypt. Acad. J. Biol. Sci., A. Entomology 10,1: 91-100
- BASMA, M. ABOU EL-NOUR (2016): Effect of some ecological studies on *Tetranychus urticae* Koch and its predator *Neoseiulus californicus* on two medicinal and aromatic plants. - Egypt. Acad. J. Biolog. Sci., A. Entomology 9,3: 75-84
- BEZCI, T. / ALTUN, A. / AYYILDIZ, N. (2016): Mountly variation and redescription of firstly recorded oribatid mite subspecies *Eremaeus hepaticus cordiformis* Grandjean, 1934 from Turkey. - Abstr. Intern. Conf. Biol. Sci., Konya, October 21-23 2016: 152
- EL-ERKSOUSY, M.H. / HELMY, N. / ABO-ZAED, A.E. / SHANBAKY, N.M. / IBRAHEEM, M.H. (2016): Predatory spiders associated with the two spotted spider mite *Tetranychus urticae* on two field crops in Qalubya Governorate, Egypt. - Egypt. Acad. J. Biol. Sci., A. Entomology 9,4: 71-81
- HASSAN, ABD EL-NASSER T. (2016): Population dynamics of *Polyphagotarsonemus latus* (Banks) (Acari: Tarsonemidae) on common potato cultivars in Egypt. - Egypt. Acad. J. Biolog. Sci., A. Entomology 9,4: 173-180
- HOSAM, M.K.H. EL-GEPAHY / MOHAMED, A.A. / AZIZA, M.M. ABOU-ZAID / EL-DEIN, S.A.E. (2016): Efficacy of some plant extracts on the biological aspects of the two spotted spider mite *Tetranychus urticae* Koch (Acari: Prostigmata: Tetranychidae). - Egypt. Acad. J. Biol. Sci., A. Entomology 9,4: 141-152
- ISMAIL, M.S.M. / ELZOHERY, N.A. / GHALLAB, M.M.A. (2016): Seasonal abundance of *Brevipalpus phoenicis* (Acari: Tenuipalpidae) and its predators and their effects on *Gerbera jamesonii* morphology. - Egypt. Acad. J. Biol. Sci., A. Entomology 9,4: 129-140
- MOSTAFA, A.M. / ABDEL-RAHMAN, A.M. / YOUNIS, A.A. / YASSIN, E.M.A. / SABER, R.H. (2016): Life history of the predaceous mite *Cunaxa capreolus* (Berlese) (Acari: Prostigmata: Cunaxidae) when fed on different diets at different temperatures. - Egypt. Acad. J. Biol. Sci., A. Entomology 9,2: 1-6
- NOURAN, A.A.O. (2016): Ecological studies of some mites and associated predaceous mites on eggplant at Giza, Governorate. - Egypt. Acad. J. Biol. Sci., A. Entomology 9,3: 85-92
- SEVSAY, S. / BUGAL, E. / ADIL, S. / KESIK, O.A. (2016): Mapping of trombidoid Acari using geographic information system (GIS) in the Ahmediye Floating Islands and its surrounding (Erzincan). - Abstr. Intern.
- organisms. - Egypt. Acad. J. Biol. Sci., A. Entomology 10,6: 37-56

## Publications, additions 2016

- ABDALLAH, A.A.M. (2016): Population fluctuation of the citrus red mite *Panonychus citri* (McGregor) on some citrus species at Giza, Egypt. - Egypt. Acad. J. Biol. Sci., A. Entomology 9,1: 101-107
- ABDEL-AZEIM, N.A.I. / ABOLMAATY, S.M. / ABDEL-AZEIM, M.A.I. / YASSIN, E.M.A. (2016): Effect of different fertilization types on the population dynamics of mites inhabiting soil underneath cotton plants in Giza Governorate, Egypt. - Egypt. Acad. J. Biol. Sci., A. Entomology 9,2: 83-88
- ADIL, S. / SEVSAY, S. (2016): Trombidoid Mites (Acari: Trombidioidea) of The Ergan Mountain (Erzincan). - Abstr. Intern. Conf. Biol. Sci., Konya, October 21-23 2016: 235

Conf. Biol. Sci., Konya, October 21-23 2016: 234

SHANBAKY, N.M. / HELMY, N. / EL-ERKSOUSY, M.H. / IBRAHEEM, M.H. (2016): Seasonal dynamics of the two spotted red spider mite, *Tetranychus urticae* Koch on two field crops in Qalubya governorate, Egypt. - Egypt. Acad. J. Biol. Sci., A. Entomology 9,1: 15-24

SHOLLA, S.M. EL-SAIED (2016): Some biological aspects of the two-spotted spider mite, *Tetranychus urticae* Koch, (Acari: Tetranychidae) at constant temperatures. - Egypt. Acad. J. Biol. Sci., A. Entomology 9,2: 61-68

## 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:

*Armascirus yulongensis* Chen & Jin, 2021 (Page: 454<sup>1</sup>) –  
TYPES: HT<sup>2</sup> + PT<sup>2</sup> - GUGC<sup>3</sup>

1 – first page of the description

2 – holotype (HT), paratypes (PT) or allotypes (AT)

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

Abbreviations of the places of storage of new types

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

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

AETMU - Acarological Collection, Department of Entomology, Faculty of Agriculture, Tarbiat Modares University, Tehran, Iran

AEZIU - Laboratory of Appplied Entomology and Zoology, Ibaraki University, Ibaraki, Japan

AFUM - Acarology Collection, Faculty of Agriculture, University of Maragheh, Maragheh, Iran

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

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

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

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

BCKV - Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, West Bengal, India

CALBS - Collection of the Acarology Laboratory, University of B-Ali Sina, Hamadan, Iran

CBGP - Centre de Biologie et de Gestion des Populations, Montferrier-sur-Lez, France

CDCA - Colección del Departamento de Ciencias Aanimal, Universidad de Concepción, Chillán, Chile

CeNak - Centrum für Naturkunde, Universität Hamburg, Hamburg, Germany

CES - Centre of Ecological Sciences, Indian Institute of Science, Bangalore, India

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

DATE - Deartment of Animal Taxonomy and Ecology, Adam Mickiewicz University, Poznań, Poland

EBYU - Erzincan Binali Yildirim University, Acarology Laboratory, Erzincan, Turkey

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

GUAN - Gorgan University of Agricultural Sciences and Natural Resources, Golestan, Iran

GUGC - Guizhou University, Institute of Entomology, Guiyang, Guizhou, China

IARI - Indian Agricultural Research Institute, National Pusa Collection, New Delhi, India

IBSP - Instituto Butantan, Sao Paulo, Brazil

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

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

MACN - Museo Argentino B. Rivadavia de Ciencias Naturales, Buenos Aires, Argentina

MCBU - Manisa Celal Bayar University, Zoological Research Laboratory, Manisa, Turkey

- MCN - **M**useu de **C**iencias **N**aturais da Unives Centro  
Universitário, Lajeado, Brazil
- MLP - **M**useo de **L**a **P**lata, Paleontological Invertebrate  
Collection, Buenos Aires, Argentina
- MHNG - **M**uséum d'**H**istoire **N**aturelle, **G**enève, Switzerland
- MNHWU - **M**useum of **N**atural **H**istory, **W**rocław **U**niversity  
of Environmental and Life Sciences, Wrocław, Poland
- MUSM - **M**useo de Historia Natural, **U**niversidad Nacional  
Mayor de **S**an **M**arcos, Lima, Peru
- MZLQ - **M**useu de **Z**oologia da Escola Superior de  
Agricultura “**L**uiz de **Q**ueiroz”, Piracicaba, Sao Paulo,  
Brazil
- MZUC - **M**useo de **Z**oologia, **U**niversidad de **C**oncepción,  
Concepción, Chile
- NFCSO - **N**ational **F**ood **C**hain **S**afety **O**ffice, Directorate  
of Plant Protection, Soil Conservation and Agri-  
Environment, Budapest, Hungary
- NHME - **N**atural **H**istory **M**useum **E**rfurt, Erfurt, Germany
- NHML - **N**atural **H**istory **M**useum, Department of Ento-  
mology, **L**ondon, United Kingdom
- NMB - **N**ational **M**useum **B**loemfontein, Bloemfontein,  
South Africa
- NMNH - **N**ational **M**useum of **N**atural **H**istory, National  
Insect and Mite Collection, Beltsville, USA
- NMNST - **N**ational **M**useum of **N**ature and **S**cience,  
**T**sukuba, Japan
- NMP - **N**ational **M**useum **P**rague, Prague, Czech Republic
- NZC - **N**ational **Z**oological **C**ollection, Zoological Survey  
of India, Kolkata, India
- OSAL - **O**hio **S**tate University, Museum of Biological  
Diversity, **A**carology **L**aboratory, Columbus, Ohio, USA
- QM - **Q**ueensland **M**useum, South Brisbane, Queensland,  
Australia
- RMBH - **R**ussian **M**useum of **B**iodiversity **H**otspots,  
Arkhangelsk, Russia
- SBUK - **A**carology Laboratory, **S**hahid **B**ahonar **U**niversity  
of **K**erman, Kerman, Iran
- SIZK - I.I. **S**chmalhausen **I**nstitute of **Z**oology, **K**iev, Ukraine
- SMNG - **S**enckenberg **M**useum für **N**aturkunde **G**örlitz,  
Görlitz, Germany
- SNMB - **S**lovak **N**ational **M**useum, **B**ratislava, Slovakia
- TSUMZ - **T**yumen **S**tate **U**niversity **M**useum of **Z**oology,  
Tyumen, Russia
- UFMG - **U**niversidade **F**ederal de **M**inas **G**erais, Departa-  
mento de Zoologia, Colecao de Acarologia, Belo  
Horizonte, Brazil
- UKSW - **U**niwersytet **K**ardynała **S**tefana **W**yszyńskiego,  
Warszawa, Poland
- UMMZ - **U**niversity of **M**ichigan, **M**useum of **Z**oology,  
Ann Arbor, USA
- USNM - **U**nited **S**tates **N**ational **M**useum of Natural  
History, Washington, USA
- ZISP - **Z**oological **I**nstitute of the Russian Academy of  
Sciences, **S**aint **P**etersburg, Russia
- ZMT - **Z**oological **M**useum of **T**urku, Turku, Turkey
- ZMUH - Biozentrum Grindel und **Z**oologisches **M**useum,  
Zoologisches Institut, **U**niversität **H**amburg, Hamburg,  
Germany
- ZSI - **Z**oological **S**urvey of **I**ndia, National Zoological  
Collection, Kolkata, West Bengal, India
- ZSM - **Z**oologische **S**taatssammlungen **M**ünchen, Mün-  
chen, German

## New species

- Abrolophus bochkovi* Hakimitabar, Saboori & Fadaei, 2020 (Page: 2301) – TYPES: HT + PT - JAZM, PT - ZMUH
- Abrolophus diaoluoensis* Xu & Jin, 2021 (Page: 23) – TYPES: HT + PT - GUGC
- Achaemenothrombium saboorii* Noei, 2021 (Page: 79) – TYPES: HT + PT - JAZM, PT - NHME
- Adactylidium europaeum* Khaustov & Abramov, 2021 (Page: 358) – TYPES: HT - ZISP, PT - TSUMZ
- Adamystis persiangulfensis* Paktinat-Saeij & Kazemi, 2021 (Page: 261) – TYPES: HT + PT - ACISTE, PT - JAZM, AFUM
- Alycus augrabiensis* Uusitalo, Ueckermann & Theron, 2020 (Page: 305) – TYPES: HT + PT - ARC-PPRI
- Amphialycus holarcticus* Uusitalo, 2020 (Page: 110) – TYPES: HT + PT - ZMT, PT - OSAL
- Amphialycus acaciae* Uusitalo, Ueckermann & Theron, 2020 (Page: 311) – TYPES: HT + PT - ARC-PPRI
- Amphialycus adustus* Uusitalo, Ueckermann & Theron, 2020 (Page: 315) – TYPES: HT + PT - ARC-PPRI
- Amphialycus mayteni* Uusitalo, Ueckermann & Theron, 2020 (Page: 318) – TYPES: HT + PT - ARC-PPRI
- Andocaeculus beatrizrosso* Porta, Pizarro-Araya & Ramirez, 2021 (Page: 42) – TYPES: HT + PT - MACN
- Andocaeculus burmeisteri* Porta, Pizarro-Araya & Ramirez, 2021 (Page: 28) – TYPES: HT + PT - MACN
- Armscirus apophysis* Chen & Jin, 2021 (Page: 454) – TYPES: HT + PT - GUGC
- Armscirus livingstoni* Kazmierski & Laniecka in Laniecka, Laniecki & Kazmierski, 2021 (Page: 988) – TYPES: HT - AMU
- Armscirus yulongensis* Chen & Jin, 2021 (Page: 460) – TYPES: HT + PT - GUGC
- Augeriflechtmanni astragalus* Mahdavi, Asadi, Latifi & Seeman, 2021 (Page: 704) – TYPES: HT + PT - SBUK, PT - QM
- Balaustium ryszardi* Šundić & Noei, 2021 (Page: 2617) – TYPES: HT + PT - JAZM, PT - ACASI, NHME
- Barbutia arasbaraniensis* Mohammad-Doustaresharaf & Bagheri, 2021 (Page: 10) – TYPES: HT - AFUM, PT - JAZM
- Barbutia theroni* Khaustov, Vorontsov, Perkovsky & Klimov, 2021 (Page: 975) – TYPES: HT - SIZK
- Benoinyssus oconneri* Bizarro, Wurlitzer & Silva, 2020 (Page: 540) – TYPES: HT - ESALQ/USP, PT - MCN
- Boshkerria erwini* Bassini-Silva, Jacinavicius & OConnor, 2021 (Page: 311) – TYPES: HT + PT - MUSM, PT - UMMZ
- Bramkeria draculai* Bassini-Silva, Jacinavicius & Ochoa, 2021 (Page: 2) – TYPES: HT + PT - USNM
- Bubophilus aegolius* Skoracki, Kosicki & Kwiecinski, 2021 (Page: 355) – TYPES: HT - AMU, PT - ZSM
- Caligonella astragalusi* Pishehvar & Khanjani, 2020 (Page: 1989) – TYPES: HT + PT - BASU
- Calyptostoma seemani* Masoumi & Saboori, 2020 (Page: 1823) – TYPES: HT + PT - JAZM, PT - ACASI, ZMUH
- Cenopalpus umbellatus* Negm, Ueckermann & Gotoh, 2020 (Page: 5) – TYPES: HT + PT - NMNST, PT - AEZIU
- Cheladonta afshari* Stekolnikov & Shamsi in Shamsi & Stekolnikov, 2020 (Page: 311) – TYPES: HT + PT - ZISP, PT - JAZM, NHML
- Chiroptella baliensis* Ševčík, Kalúz & Šrámek in Kalúz, Šrámek & Ševčík, 2020 (Page: 21) – TYPES: HT + PT - SNMB, PT - NMP
- Cryptognathus karabagiensis* Akyol, 2020 (Page: 1644) – TYPES: HT + PT - MCBU
- Cunaxa mukuni* Kazmierski & Laniecka in Laniecka, Laniecki & Kazmierski, 2021 (Page: 993) – TYPES: HT - AMU
- Cunaxa niedbalai* Kazmierski & Laniecka in Laniecka, Laniecki & Kazmierski, 2021 (Page: 998) – TYPES: HT - AMU
- Cunaxoides allokanasensis* Chen & Jin, 2020 (Page: 2092) – TYPES: HT + PT - GUGC

- Cunaxoides kanasensis* Chen & Jin, 2020 (Page: 2085) – TYPES: HT + PT - GUGC
- Cunaxoides reticulatus* Chen & Jin, 2020 (Page: 2078) – TYPES: HT + PT - GUGC
- Cyta pseudokreiteri* Wu & Guo, 2021 (Page: 619) – TYPES: HT + PT - GUGC
- Diplothrombium sansaensis* Buga & Sevsay, 2021 (Page: 22) – TYPES: HT - EBYU
- Diplothrombium tunceliensis* Buga & Sevsay, 2021 (Page: 17) – TYPES: HT + PT - EBYU
- Dolichocybe elongata* Khaustov, Vorontsov, Perkovsky & Lindquist, 2021 (Page: 40) – TYPES: HT - SIZK
- Eustigmaeus crassifolius* Bizarro & Johann, 2020 (Page: 826) – TYPES: HT + PT - MCN
- Eustigmaeus summersi* Khaustov, 2021 (Page: 54) – TYPES: HT + PT - TSUMZ
- Eutarsopolipus basiatus* Seeman, 2021 (Page: 42) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus biuncatus* Seeman, 2021 (Page: 59) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus despoticus* Seeman, 2021 (Page: 37) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus divisus* Seeman, 2020 (Page: 427) – TYPES: HT + PT - QM
- Eutarsopolipus hadros* Seeman, 2021 (Page: 10) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus hebroniae* Seeman, 2021 (Page: 39) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus janus* Seeman, 2021 (Page: 64) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus labiatus* Seeman, 2021 (Page: 48) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus mixtus* Seeman, 2021 (Page: 19) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus nahmani* Seeman, 2021 (Page: 24) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus olszanowskii* Seeman, 2020 (Page: 435) – TYPES: HT + PT - QM
- Eutarsopolipus orpheus* Katlav & Seeman, 2020 (Page: 412) – TYPES: HT - QM, PT - ANIC, AETMU, TSUMZ
- Eutarsopolipus osculum* Seeman, 2021 (Page: 54) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus raveni* Seeman, 2021 (Page: 29) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus savatus* Seeman, 2021 (Page: 56) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus teuceri* Seeman, 2021 (Page: 34) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutarsopolipus umbonatus* Seeman, 2021 (Page: 21) – TYPES: HT + PT - QM, PT - ANIC, ZMUH
- Eutogenes bicornis* Khaustov, 2021 (Page: 200) – TYPES: HT + PT - ZISP, PT - TSUMZ
- Eutrombicula pachytrichia* Stekolnikov, 2021 (Page: 335) – TYPES: HT + PT - MHNG
- Floridotarsonemus kanthali* Karmakar & Mondal, 2021 (Page: 1117) – TYPES: HT + PT - NZC
- Floridotarsonemus kukri* Karmakar & Mondal, 2021 (Page: 1112) – TYPES: HT + PT - NZC
- Hannemania aiubensis* Bassini-Silva, Jacinavicius & Welbourn, 2021 (Page: 1280) – TYPES: HT + PT - IBSP
- Herpetacarus (Abonnencia) eloisae* Stekolnikov & Silva-de la Fuente, 2021 (Page: 649) – TYPES: HT + PT - ZISP, PT - CDCA, MZUC, NHML
- Hoplocheylus australiensis* Katlav & Seeman, 2020 (Page: 409) – TYPES: HT - QM, PT - ANIC, AETMU, TSUMZ
- Hoplocheylus similis* Khaustov, Vorontsov, Perkovsky & Lindquist, 2021 (Page: 36) – TYPES: HT - SIZK
- Laminamichaelia furcala* Uusitalo, Ueckermann & Theron, 2020 (Page: 332) – TYPES: HT + PT - ARC-PPR
- Lassenia newelli* Makol & Featherstone, 2021 (Page: 802) – TYPES: HT - MNHWU
- Leipothrix nagyi* Ripka & Kiss, 2020 (Page: 225) – TYPES:



- HT + PT - NFCSO
- Leptus grancanaricus* Haitlinger & Šundić, 2020 (Page: 837) – TYPES: HT + PT - MNHWU
- Leptus machadoi* Haitlinger & Šundić, 2020 (Page: 840) – TYPES: HT + PT - MNHWU
- Leptus pouryayevalii* Hakimitabar, Saboori & Fadaei, 2021 (Page: 138) – TYPES: HT - JAZM
- Linotetrans faemensis* Tassi & Duarte, 2020 (Page: 580) – TYPES: HT + PT - MZLQ
- Lorryia tutti* Bizarro, Wurlitzer & Silva, 2020 (Page: 538) – TYPES: HT - ESALQ/USP, PT - MCN
- Lupaeus stollii* Wurlitzer & Ferla, 2020 (Page: 2225) – TYPES: HT - ESALQ/USP, PT - MCN
- Meitingsunes lengai* Kaszewska, Skoracki & Hromada, 2020 (Page: 441) – TYPES: HT + PT - AMU, PT - ZSM
- Meitingsunes ptilinopus* Kaszewska, Skoracki & Hromada, 2020 (Page: 440) – TYPES: HT + PT - AMU, PT - ZSM
- Mesobryobia punjabensis* Kamran, Khan & Alatawi, 2021 (Page: 419) – TYPES: HT + PT - KSMA
- Metatarsonemus badurkani* Karmakar & Mondal in Mondal & Karmakar, 2021 (Page: 230) – TYPES: HT - ZSI, PT - BCKV
- Metatarsonemus shirishi* Karmakar & Mondal in Mondal & Karmakar, 2021 (Page: 238) – TYPES: HT - IARI, PT - BCKV
- Mixonychus religiosae* Mahdavi, Latifi, Asadi & Auger, 2021 (Page: 558) – TYPES: HT - SBUK, PT - CBGP, ACASI
- Neomicrodispus lucani* Rahiminejad & Seyedein in Seyedein, Rahiminejad & Nadimi, 2020 (Page: 600) – TYPES: HT + PT - GUAN
- Neophyllobius electrus* Zmudzinski, 2020 (Page: 698) – TYPES: HT - SMNG
- Neophyllobius glaesus* Zmudzinski, 2020 (Page: 704) – TYPES: HT - CeNak
- Neopterygosoma schroederi* Fajfer, 2020 (Page: 544) – TYPES: HT + PT - UKSW, PT - ZSM
- Neoschoengastia ochoai* Jacinavicius & Bassini-Silva, 2021 (Page: 289) – TYPES: HT + PT - IBSP
- Neotrombicula tehranensis* Stekolnikov & Shamsi in Shamsi & Stekolnikov, 2020 (Page: 340) – TYPES: HT + PT - ZISP, PT - JAZM, NHML
- Odontacarus cruzi* Stekolnikov, 2021 (Page: 326) – TYPES: HT + PT - MHNG
- Odontoscirus anzhouensis* Wu & Guo, 2021 (Page: 615) – TYPES: HT + PT - GUGC
- Odontoscirus cretaco* Porta & Hernandez, 2020 (Page: 1755) – TYPES: HT - MLP
- Pachygnathus nasutus* Uusitalo, Ueckermann & Theron, 2020 (Page: 305) – TYPES: HT + PT - ARC-PPRI
- Parabonzia xinningensis* Chen & Jin, 2020 (Page: 807) – TYPES: HT + PT - GUGC
- Paradactylidium sineunguis* Khaustov, Vorontsov, Perkovsky & Lindquist, 2021 (Page: 49) – TYPES: HT - SIZK
- Paraguacarus klompeni* Jacinavicius & Bassini-Silva, 2021 (Page: 288) – TYPES: HT + PT - IBSP
- Paraplonobia (Anaplonobia) cyperi* Flechtmann & Gómez-Moya, 2021 (Page: 836) – TYPES: HT + PT - ESALQ/USP
- Parasecia gilbertoi* Bassini-Silva, Jacinavicius & Barros-Battesti, 2021 (Page: 170) – TYPES: HT + PT - IBSP
- Pavania foliata* Khaustov & Frolov, 2020 (Page: 169) – TYPES: HT + PT - ZISP, PT - TSUMZ
- Pavania gazellatrix* Katlav & Seeman, 2020 (Page: 405) – TYPES: HT - QM, PT - ANIC, AETMU, TSUMZ
- Pediculaster absentia* Rahiminejad & Seyedein in Seyedein, Rahiminejad & Nadimi, 2021 (Page: 1510) – TYPES: HT + PT - GUAN
- Peristerophila geopelis* Kaszewska, Skoracki, Kosicki & Hromada, 2020 (Page: 353) – TYPES: HT + PT - AMU
- Peristerophila hirundineus* Skoracki, Hromada, Kaszewska & Sikora, 2020 (Page: 1806) – TYPES: HT + PT - AMU
- Peristerophila leucomela* Kaszewska, Skoracki, Kosicki & Hromada, 2020 (Page: 355) – TYPES: HT + PT - AMU

- Petalomium olszanowskii* Hajiqaanbar & Tajodin, 2020 (Page: 334) – TYPES: HT + PT - AETMU
- Phytoptipalpus calligonus* Bastini Rad & Asadi, 2021 (Page: 1) – TYPES: HT + PT - SBUK, PT - QM
- Pimeliaphilus hemidactylus* Fajfer & Karanth, 2021 (Page: 442) – TYPES: HT + PT - CES
- Postumius mikhailovi* Khaustov & Abramov, 2021 (Page: 122) – TYPES: HT + PT - ZISP, PT - TSUMZ
- Premicrodispus gorganiensis* Rahiminejad & Seyedein in Seyedein, Rahiminejad & Nadimi, 2020 (Page: 596) – TYPES: HT + PT - GUAN
- Proadactylidium fossibilis* Khaustov, Vorontsov, Perkovsky & Lindquist, 2021 (Page: 46) – TYPES: HT - SIZK
- Proteromichaelia sila* Uusitalo, Ueckermann & Theron, 2020 (Page: 324) – TYPES: HT + PT - ARC-PPRI
- Pseudotarsonemoides peruviensis* Khaustov, Petrov & Kolesnikov, 2021 (Page: 48) – TYPES: HT - ZISP, PT - TSUMZ
- Pulaeus mormacensis* Wurlitzer & Silva, 2021 (Page: 1255) – TYPES: HT + PT - ESALQ/USP, PT - MCN
- Quadrasetta chiloensis* Stekolnikov & Silva-de la Fuente in Silva-de la Fuente, Stekolnikov, Weitzel et al., 2021 (Page: 649) – TYPES: HT + PT - ZISP, PT - CDCA, MZUC, NHML
- Quadrasetta welbourni* Jacinavicius & Bassini-Silva, 2021 (Page: 291) – TYPES: HT + PT - IBSP
- Quasiscutopalus impala* Kazmierski & Laniecka in Laniecka, Laniecki & Kazmierski, 2021 (Page: 982) – TYPES: HT - AMU
- Rafapicobia olszanowskii* Skoracki, Zmudzinski & Sikora, 2020 (Page: 450) – TYPES: HT + PT - AMU
- Raphignathus rakhshandehi* Khanjani & Pishehvar in Pishehvar & Khanjani, 2021 (Page: 189) – TYPES: HT + PT - CALBS
- Raphignathus seraji* Khanjani & Pishehvar, 2021 (Page: 186) – TYPES: HT + PT - CALBS
- Rubroscirus grilloi* Wurlitzer & Ferla, 2020 (Page: 2228) – TYPES: HT - ESALQ/USP, PT - MCN
- Rudnicula goffi* Kalúz, Šrámek & Ševčík, 2020 (Page: 21) – TYPES: HT + PT - SNMB, PT - NMP
- Sambonacarus nesomysi* Stekolnikov, 2021 (Page: 302) – TYPES: HT + PT - MHNG
- Schoengastia galapa* Stekolnikov, 2021 (Page: 331) – TYPES: HT + PT - MHNG
- Scutacarus olszanowski* Khaustov, Hugo-Coetzee & Ermilov, 2020 (Page: 402) – TYPES: HT - NMB, PT - TSUMZ
- Scutacarus variabilis* Khaustov, Hugo-Coetzee & Ermilov, 2020 (Page: 9211) – TYPES: HT - NMB, PT - TSUMZ
- Sphaerotarsus sadafae* Amin, Khanjani & Nadri, 2020 (Page: 1965) – TYPES: HT + PT - BASU
- Steneotarsonemus (Steneotarsonemoides) indianensis* Karmakar & Mondal in Mondal & Karmakar, 2021 (Page: 291) – TYPES: HT - NZC, PT - IARI, BCKV
- Stigmaeus akimovi* Khaustov, 2021 (Page: 43) – TYPES: HT + PT - TSUMZ
- Stigmaeus bagherii* Mohammad-Doustaresharaf & Rostami in Rostami & Mohammad-Doustaresharaf, 2021 (Page: 222) – TYPES: HT - AFUM, PT - JAZM
- Stigmaeus exilis* Dogan & Dogan, 2021 (Page: 20) – TYPES: HT + PT - EBYU
- Stigmaeus scrobiculatus* Khaustov, 2021 (Page: 248) – TYPES: HT + PT - ZISP, PT - TSUMZ
- Susa bauchani* Jacinavicius & Bassini-Silva, 2021 (Page: 292) – TYPES: HT + PT - IBSP
- Tarsonemus olszanowskii* Magowski & Szopny, 2020 (Page: 411) – TYPES: HT + PT - NMNH, PT - DATE, CNC
- Tarsonemus sabelisi* Magowski & Szopny, 2020 (Page: 415) – TYPES: HT - NMNH, PT - DATE, CNC
- Teneriffia aethiopica* Zmudzinski, Skoracki & Friedrich, 2021 (Page: 318) – TYPES: HT + PT - AMU
- Tetranychus neosalsolae* Mahdavi, Asadi, Latifi & Seeman, 2021 (Page: 699) – TYPES: HT + PT - SBUK, PT - QM

*Trichosmaris calcarensis* Costa, Welbourn, Klimov & Pepato, 2021 (Page: 108) – TYPES: HT - UFMG

*Trichosmaris paulensis* Costa, Welbourn, Klimov & Pepato, 2021 (Page: 112) – TYPES: HT - UFMG

*Trombella chahkandensis* Noei, 2021 (Page: 1457) – TYPES: HT - JAZM

*Unguitarsonemus paradoxus* Khaustov, Petrov & Kolesnikov, 2021 (Page: 44) – TYPES: HT + PT - ZISP

*Unionicola (Gibbosulicola) sella* Chapurina, Bolotov, Vidrine, Vikhrev, Lunn, Chan & Win, 2021 (Page: 5) – TYPES: HT + PT - RMBH

## New genera

*Bramkeria* Bassini-Silva, Jacinavicius & Ochoa, 2021 (Page: 2) – Typ. sp.: *Bramkeria draculai* Bassini-Silva, Jacinavicius & Ochoa, 2021

*Goffacarus* Bassini-Silva, Jacinavicius & Welbourn, 2021 (Page: 2) – Typ. sp.: *Euschoengastia latchmani* Brennan and Yunker, 1964

*Nahuacarus* Bassini-Silva, Jacinavicius & Welbourn, 2021 (Page: 171) – Typ. sp.: *Parasecia bulbocalcar* Goff 1992

*Proadactylidium* Khaustov, Vorontsov, Perkovsky & Lindquist, 2021 (Page: 44) – Typ. sp.: *Acarophenax lacunatus* Cross and Krantz, 1964

*Proteromichaelia* Uusitalo, Ueckermann & Theron, 2020 (Page: 324) – Typ. sp.: *Proteromichaelia sila* Uusitalo, Ueckermann & Theron, 2020

*Quasiscutopalus* Kazmierski & Laniecka, 2021 (Page: 982) – Typ. sp.: *Quasiscutopalus impala* Kazmierski & Laniecka, 2021

*Sambonacarus* Stekolnikov, 2021 (Page: 302) – Typ. sp.: *Sambonacarus nesomyisi* Stekolnikov, 2021

*Southcottiana* Costa, Welbourn, Klimov & Pepato, 2021 (Page: 104) – Typ. sp.: *Sphaerotarsus monticulum* Southcott, 1997

*Unguitarsonemus* Khaustov, Petrov & Kolesnikov, 2021 (Page: 42) – Typ. sp.: *Unguitarsonemus paradoxus* Khaustov, Petrov & Kolesnikov, 2021

## New subgenera

*Unionicola (Gibbosulicola)* Chapurina, Bolotov, Vidrine, Kondakov & Vikhrev, 2021 (Page: 5) – Typ. sp.: *Unionicola (Gibbosulicola) sella* Chapurina, Bolotov, Vidrine, Kondakov & Vikhrev, 2021

## New combinations

*Augeriflechtmanni armeniaca* (Bagdasarian, 1951) – [Mahdavi, Asadi, Latifi & Seeman, 2021: 710]

*Augeriflechtmanni iraniensis* (Mahdavi & Ueckermann, 2013) – [Mahdavi, Asadi, Latifi & Seeman, 2021: 709]

*Cheletomimus (Hemicheyletia) recki* (Volgin, 1966) – [Khaustov, 2021: 214]

*Ericotrombidium cosmetopode* (Vercammen-Grandjean and Langston, 1971) – [Stekolnikov, 2021: 106]

*Eutrombicula gigarara* (Brown, 1997) – [Stekolnikov, 2021: 106]

*Farrelloides consuetum* (Womersley, 1952) – [Stekolnikov, 2021: 81]

*Farrelloides nakatae* (Nadchatram and Traub, 1964) – [Stekolnikov, 2021: 82]

*Farrelloides striatum* (Nadchatram and Traub, 1964) – [Stekolnikov, 2021: 82]

*Goffacarus latchmani* (Brennan & Yunker, 1964) – [Bassini-Silva, Huang-Bastos, Welbourn, Ochoa, Barros-Battesti & Jacinavicius, 2021: 2]

*Goffacarus obscura* (Wrenn & Loomis, 1974) – [Bassini-Silva, Huang-Bastos, Welbourn, Ochoa, Barros-Battesti & Jacinavicius, 2021: 5]

*Guntheria (Phyllacarus) bushlandi* (Philip, 1947) – [Stekolnikov, 2021: 82]

*Herpetacarus (Abonnencia) antarctica* (Stekolnikov & González-Acuna, 2015) – [Silva-de La Fuente, Stekolnikov, Weitzel, Beltrami, Martinez-Valdebenito, Abarca & Acosta-Jamett, 2021: 648]

*Herpetacarus (Abonnencia) herniosa* (Brennan & Jones, 1961) – [Silva-de La Fuente, Stekolnikov, Weitzel,

- Martinez-Valdebenito, Abarca & Acosta-Jamett, 2021: 648] [Skoracki, Hromada, Kaszewska & Sikora, 2020: 1816]
- Herpetacarus (Abonnencia) insolita* (Brennan & Jones, 1961) – [Silva-de La Fuente, Stekolnikov, Weitzel, Martinez-Valdebenito, Abarca & Acosta-Jamett, 2021: 648] *Peristerophila forpi* (Skoracki & Glowska, 2008) – [Skoracki, Hromada, Kaszewska & Sikora, 2020: 1816]
- Herpetacarus (Abonnencia) macrochaeta* (Brennan & Jones, 1961) – [Silva-de La Fuente, Stekolnikov, Weitzel, Beltrami et al. 2021: 648] *Peristerophila meropis* (Skoracki, Hormada & Sikora, 2017) – [Skoracki, Hromada, Kaszewska & Sikora, 2020: 1816]
- Kayella mastia* (Traub and Sundermeyer, 1950) – [Stekolnikov, 2021: 91] *Proadactylidium assanovi* (Livshitz & Mitrofanov, 1974) – [Khaustov, Vorontsov, Perkovsky & Lindquist, 2021: 44]
- Lorillatum lasiurus* (Goff & Gettinger, 1991) – [Bassini-Silva, Jacinavicius, Oliveira, Peinado & Faxina, 2021: 172] *Proadactylidium lacunatus* (Cross & Krantz, 1964) – [Khaustov, Vorontsov, Perkovsky & Lindquist, 2021: 44]
- Lorillatum orphana* (Brennan, 1971) – [Bassini-Silva, Jacinavicius, Oliveira, Peinado & Faxina, 2021: 174] *Southcottiana monticola* (Southcott, 1997) – [Costa, Welbourn, Klimov & Pepato, 2021: 104]
- Microtrombicula eltoni* (Audy, 1956) – [Stekolnikov, 2021: 134] *Susa chiropteraphilus* (Brown, 1997) – [Stekolnikov, 2021: 97]
- Nahuacarus bulbocalcar* (Goff, 1992) – [Bassini-Silva, Jacinavicius, Oliveira, Peinado & Faxina, 2021: 172] *Susa masawanensis* (Brown, 1998) – [Stekolnikov, 2021: 98]
- Neoschoengastia stekolnikovi* (Kalúz, 2016 – [Stekolnikov, 2021: 91] *Susa palawanensis* (Brown & Goff, 1988) – [Stekolnikov, 2021: 98]
- Odontoscirus anomalicornis* (Berlese, 1916) – [Porta, Proud, Michalik & Hernandes, 2020: 1761] *Trombiculindus alethrix* (Traub and Nadchatram, 1967) – [Stekolnikov, 2021: 143]
- Odontoscirus insularis* (Willmann, 1939) – [Porta, Proud, Michalik & Hernandes, 2020: 1762] *Trombiculindus cuteanum* (Vercammen-Grandjean and Langston, 1976) – [Stekolnikov, 2021: 143]
- Odontoscirus norvegicus* (Thor, 1905) – [Porta, Proud, Michalik & Hernandes, 2020: 1762] *Trombiculindus frondosum* (Traub and Nadchatram, 1967) – [Stekolnikov, 2021: 144]
- Odontoscirus symmetricus* (Kramer, 1898) – [Porta, Proud, Michalik & Hernandes, 2020: 1762] *Trombiculindus hastatum* (Gater, 1932) – [Stekolnikov, 2021: 144]
- Odontoscirus uncinatus* (Kramer, 1898) – [Porta, Proud, Michalik & Hernandes, 2020: 1762] *Trombiculindus lepismatum* (Traub and Nadchatram, 1967) – [Stekolnikov, 2021: 145]
- Oudemansidium anhuiensis* (Chen, Fan & Chen, 1980) – [Ševčík, Kalúz & Šrámek, 2020: 7] *Trombiculindus limi* (Traub and Nadchatram, 1967) – [Stekolnikov, 2021: 145]
- Oudemansidium tanyei* (Wen & Xiang, 1984) – [Ševčík, Kalúz & Šrámek, 2020: 7] *Trombiculindus maxwelli* (Traub and Nadchatram, 1967) – [Stekolnikov, 2021: 146]
- Peristerophila claravis* (Skoracki & Glowska, 2008) – *Trombiculindus roseannleilaniae* (Brown, 1992) – [Stekolnikov, 2021: 146]
- Trombiculindus sarisatum* (Traub and Nadchatram, 1967) – [Stekolnikov, 2021: 146]

*Trombiculindus vanpeenei* (Hadi and Carney, 1977) – [Stekolnikov, 2021: 147]

*Trombiculindus yooni* (Traub and Nadchatram, 1967) – [Stekolnikov, 2021: 147]

*Walchia (Ripiaspichia) biliranensis* (Brown, 1997) – [Stekolnikov, 2021: 62]

*Walchia (Ripiaspichia) huberti* (Upham and Nadchatram, 1968) – [Stekolnikov, 2021: 62]

*Walchia (Ripiaspichia) parmulaseta* (Brown, 1997) – [Stekolnikov, 2021: 63]

*Walchia (Ripiaspichia) serrata* (Brown & Goff, 1988) – [Stekolnikov, 2021: 64]

### New synonyms

*Gahrliopia octosetosa* Chen, Hsu & Wang, 1956 – [Stekolnikov, 2021: 56]  
= *Gahrliopia lui* Chen & Hsu, 1955

*Ledermuelleriopsis aydinensis* Akyol & Gül, 2019 – [Dogan, Dogan & Khanjani, 2021: 456]  
= *Ledermuelleriopsis aminiae* Nazari & Khanjani, 2021

*Neotrombicula kermani* Kudryashova, 1977 – [Shamsi, Stekolnikov, Saboori, Hakimitabar & Golpayegani, 2021: 647]  
= *Neotrombicula vernalis* (Willmann, 1942)

*Neotrombicula lemnii* Taufflieb, 1960 – [Stekolnikov, Er-Rguibi, Laghzaoui, Aglagane & El Mouden, 2021: 541]  
= *Neotrombicula orycti* Taufflieb, 1960

*Proschoengastia Vercammen-Grandjean*, 1967 – [Silva-de La Fuente, Stekolnikov, Weitzel, Beltrami et al. 2021: 647]  
= *Herpetacarus Vercammen-Grandjean*, 1960

*Trombicula kansasensis* Loomis, 1955 – [Bassini-Silva, Jacinavicius, Oliveira, Peinado & Faxina, 2021: 157]  
= *Parasecia gurneyi* (Ewing, 1937)

*Walchia tianguangshanensis* Zhao, 1981 – [Antonovskaia & Stekolnikov, 2021: 11]  
= *Walchia delicatula* (Schluger, Grochovskaja, Ngu, Hoe & Tung, 1960)

### New names

*Hoplocheylus neosimilis* Khaustov, Vorontsov, Perkovsky & Klimov, 2021 pro *Hoplocheylus similis* Khaustov, Vorontsov, Perkovsky & Lindquist, 2021 – [Khaustov, Vorontsov, Perkovsky & Klimov, 2021: 978]

*Laminamichaelia shibai* Uusitalo, Ueckermann & Theron, 2020 pro *Bimichaelia ramosus* Shiba, 1976, nom. preocc., non *Bimichaelia ramosa* Mihelčić, 1956 – [Uusitalo, Ueckermann & Theron, 2020: 328]

### New status

*Gerrhosaurobia* Lawrence, 1951 (Page: 421) – [Fajfer, 2019: 421]

*Peristerophila mucuya* Casto, 1980 (Page: 1817) – [Skoracki, Hromada, Kaszewska & Sikora, 2020: 1816]

### New tribus

*Proteromichaeliini* Uusitalo, Ueckermann & Theron, 2020 (Page: 324) – Typ. gen.: *Proteromichaelia* Uusitalo, Ueckermann & Theron, 2020



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