

Acarorum Catalogus I – First supplement (2008–2016)

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Abstract. The monograph of BERON (2008) is completed with the data in 166 papers published between 2008 and 2016 (some of them in 2017), or omitted. Many new taxa have been published, other taxa have been synonymized or altered, mostly by specialists from Germany, Poland, Iran, Spain, Montenegro, Ukraine, Bulgaria, and other countries. Now (by August 2017) are recognized (some of them gen. or sp. inquirendae) one genus and nine recent sp. of Calyptostomatidae, 10 genera and 56 sp. of Smarididae and 57 genera and more than 850 sp. of Erythraeidae.

Key words: Catalogus, supplements, Calyptostomatoidea, Calyptostomatidae, Erythraeoidea, Erythraeidae, Smarididae

Introduction

After the publication of the first volume of the series *Acarorum Catalogus* (BERON, 2008), many new papers have been published by R. Haitlinger, P. Beron, J. Mąkol, G. Gabryś, M. Kamran, J. Łaydanowicz, A. Wohltmann, J.G. Mayoral, P. Barranco, M. Šundić, A. Khaustov and especially by the very active Iranian group of researchers (A. Saboori, S. Ahmadi, H. Hajiqanbar, M. Khanjani, M. Akrami, M. Bagheri, M. Hakimitabar and others). New genera and species have been described (almost all based on larvae, mostly from Iran, Montenegro and Spain), several other taxonomic changes took place and new synonymes were created. A few papers have been omitted from the Bibliography. This situation requires an updating of my Catalogue. Meanwhile has been published the Checklist of terrestrial Parasitengonae of MĄKOL & WOHLTMANN (2012, 2013).

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New genera (valid), described since 2008, or altered:

Colleboerythraeus Noei, Saboori et Hakimitabar, 2017

Makolia Saboori, Khaustov et Hakimitabar, 2009

Iraniella Karimi- Iravanlou, Kamali et Talebi, 2002

Neomomorangia Fain et Santiago-Blay – full generic status

Madinahustium Kamran et Alatawi, 2016

Marantelophus Haitlinger, 2011

Monteustium Haitlinger et Šundić, 2015

Nagoricanelia Haitlinger, 2009

Pukakia Clark, 2014

Pararainbowia Dunlop, 2010

Synonymized genera (partly as a result of rearing of larvae):

Zhangiella Saboori, Cobanoglu et Bayram, 2007, syn. f. *Curteria* Southcott, 1961

Abalakeus Southcott, 1994 = *Eatoniana* Cambridge, 1898

Hauptmannia Oudemans, 1910 = *Abrolophus* Berlese, 1891

Clipeosoma Southcott, 1948 = *Hirstiosoma* Womersley, 1934

Pilosoma Southcott, 1961 = *Fessonina* von Heyden, 1826

Guatustium Haitlinger, 2000 = *Balaustium* von Heyden, 1826

Palenquustium Haitlinger, 2000 = *Balaustium* von Heyden, 1826

As a result of the recent contributions, the number of genera and species in Calyptostomatoidea and Erythraeoidea (some of them uncertain status) is updated as follows:

Calyptostomatidae – one genus, nine sp.

Smarididae – 10 genera, 56 sp.

Erythraeidae – 57 genera, more than 850 sp.

New contributions to the Catalogue:

Fam. Calyptostomatidae

Calyptostoma giuliae Haitlinger et Šundić (larval)

Calyptostoma giuliae HAITLINGER & ŠUNDIĆ, 2015: 920

Type locality: Cambodia

Distribution: Cambodia

Host: from herbaceous plants

Calyptostoma gorganica Saboori et Soukhtsaraii, in SABOORI, SOUKHTSARAII, YAZDANIAN, GOLPAYEGANI (2012)(larval)

Calyptostoma gorganica Saboori et Soukhtsaraii, in SABOORI, SOUKHTSARAII, YAZDANIAN & GOLPAYEGANI, 2012: 37

Type locality: Shast Kalateh forest, Gorgan City, Golestan prov.

Distribution: Iran

Host: *Limonia caucasica* (Diptera: Tipulidae)

Calyptostoma marantica Haitlinger et Šundić (larval)

Calyptostoma marantica HAITLINGER & ŠUNDIĆ, 2015: 923

Type locality: Sulawesi

Distribution: Indonesia

Host: from herbaceous plants

Calyptostoma latisetata (Shiba, 1976) – New Caledonia, Tasmania (MAKOL & WOHLTMANN, 2013)

Calyptostoma velutinum (Müller, 1776) – Montenegro (ŠUNDIĆ & HAITLINGER, 2015: 188); Serbia, Sicily (HAITLINGER & ŠUNDIĆ, 2015)

Species inquirendae (see MAKOL & WOHLTMANN, 2013):

Calyptostoma exculpta (Berlese, 1916)

Calyptostoma neoguineana (Canestrini, 1897)

Fam. Smarididae

Smaridinae

Smaris maraghehiensis Saboori et Bagheri (ad.)

Smaris maraghehiensis SABOORI & BAGHERI, 2011: 105

Type locality: Maragheh, 1450 m, East Azarbaijan Province

Distribution: Iran

Hirstiosomatinae

Hirstiosoma latreillei (Grandjean, 1947)

(syn. *Clipeosoma jupiter* Southcott, 1948) – Finland (GABRYŚ, ROLAND, MAKOL & LEHTINEN, 2009); Iran (NOEI, SABOORI, etc., 2013)

Hirstiosoma amfilohije Haitlinger et Šundić (larval)

Hirstiosoma amfilohije HAITLINGER & ŠUNDIĆ, 2017: 1411

Type locality: Korita Kučka (1200 m)

Distribution: Montenegro

Hirstiosoma Womersley, 1934 is the adult stage of *Clipeosoma* Southcott, 1948; *Pilosoma* Southcott, 1961 is the larval form of *Fessonina* von Heyden, 1826 (WOHLTMANN, 2010)

Fessonina papillosa (Hermann, 1804) – Iran (NOEI, SABOORI, etc., 2013); China (LI & FAN, 1997)

Fessonina torshizica Salarzahi et Hajiqanbar

Fessonina torshizica SALARZEHI & HAJIQANBAR, 2012: 18

Type locality: Torshiz, Khorasan Razavi province, 1215 m a.s.l.

Distribution: Iran

Sphaerotarsus baenai Mayoral et Barranco (larval)

Sphaerotarsus baenai MAYORAL & BARRANCO, 2017: 623

Type locality: Vereda de los Labrados, Villa Manrique

Distribution: Spain

Host: on soil

Fam. Erythraeidae

Erythraeinae

Genus *Collemboerythraeus* Noei, Saboori et Hakimitabar

Collemboerythraeus Noei, Saboori & Hakimitabar, 2017:

Type species: *Collemboerythraeus vosoughae* Noei, Saboori et Hakimitabar, 2017

Collemboerythraeus vosoughae Noei, Saboori et Hakimitabar

Collemboerythraeus vosoughae Noei, Saboori & Hakimitabar, 2017:

Type locality: Jahrom City, Fars Province

Distribution: Iran

Host: undet. Collembola, Sminthuridae

Eatoniana gonabadensis (Ahmadi, Hajiqanbar et Saboori) (larval)

Abalakeus gonabadensis AHMADI, HAJIQANBAR & SABOORI, 2012: 170

Type locality: Gonabad, Khorasan Razavi prov.

Distribution: Iran

Hosts: *Aphis craccivora* (Homoptera: Aphididae);

Dociostaurus cf. tartarus (Orthoptera: Acrididae)

Eatoniana plumipes (L. Koch, 1856)

Abalakeus jahromiensis SEDGHI, SABOORI & HAKIMITABAR, 2010: 432 (synonymized with *Eatoniana plumipes* by MAKOL & SEVSAY, 2015)

Type locality: Jahrom

Distribution: Iran (for *A. jahromiensis*); Dumlu, Erzurum prov. (Turkey, for *E. plumipes*)

Host: undet. nymph of Pentatomidae (Heteroptera) and on soil (for *A. jahromiensis*)

Curteria episcopalis (C.L. Koch, 1837) – Finland (GABRYŚ et al., 2009)

The genus *Zhangia* Saboori, Cobanoglu et Bayram, 2007 was synonymized with *Curteria* Southcott, 1961 by SABOORI, KHAUSTOV, HAKIMITABAR & HAJIQANBAR (2009: 29).

Abalakeus Southcott, 1994 became junior synonym of *Eatoniana* Cambridge, 1898 (MAKOL & SEVSAY, 2015). A female of *Eatoniana plumipes* (L. Koch, 1856) was selected as neotype.

Abalakeus jahromiensis Sedghi, Saboori et Hakimitabar, 2010 syn. of *Eatoniana plumipes*

Abalakeus bambusae Zhang, Zhang et Lin, 2000 becomes *Eatoniana bambusae* (Zhang, Zhang et Lin)

Abalakeus chekei Southcott, 1994 becomes *Eatoniana chekei* (Southcott)

Abalakeus lorestanicus Saboori et Lachinani, 2003 becomes *Eatoniana lorestanica* (Saboori et Lachinani)

Abalakeus gonabadensis Ahmadi, Hajiqanbar et Saboori, 2012 becomes *Eatoniana gonabadensis* (Ahmadi, Hajiqanbar et Saboori)

All these species were transferred to *Eatoniana* at synonymization (note of J. Makol)

Erythraeus (Erythraeus) adanaensis Saboori et Cobanoglu (larval)

Erythraeus (Erythraeus) adanaensis SABOORI & COBANOGLU, 2010: 250; AZIMI, SABOORI & SHIRDEL, 2011: 51

Type locality: Adana

Distribution: Iran, Turkey

Host: unknown

Erythraeus (Erythraeus) albanicus Haitlinger (larval)

Erythraeus (Erythraeus) albanicus HAITLINGER, 2012: 340; HAITLINGER & ŠUNDIĆ, 2015: 40

Type locality: Shënavasi nr. Sarandë

Distribution: Albania

Host: herbaceous plant

Erythraeus (Erythraeus) ankaraicus Saboori, Çobanoğlu et Bayram, 2004 – Montenegro (SABOORI, PEŠIĆ & HAKIMITABAR, 2008)

Erythraeus (Erythraeus) aphidivorous Šundić, Haitlinger, Michaud et Colares (larval)

Erythraeus (Erythraeus) aphidivorous ŠUNDIĆ, HAITLINGER, MICHAUD & COLARES, 2015: 43

Type locality: Hays, Kansas

Distribution: USA (Kansas)

Host: *Melanaphis sacchari* (Hemiptera: Aphididae)

Erythraeus (Erythraeus) capeverdensis Haitlinger (larval)

Erythraeus (Erythraeus) capeverdensis HAITLINGER, 2009a: 1154

Type locality: Sal Island, three km north of Espargos (16°47'N, 22°57')

Distribution: Cape Verde

Host: Unknown; collected from herbaceous plants

Erythraeus (Erythraeus) cinereus (Dugès) = *E. similis* (Canestrini)

Erythraeus (Erythraeus) chrysoperlae Khanjani, Mirmoayedi, Fayaz et Sharifian (larval)

Erythraeus (Erythraeus) chrysoperlae KHANJANI, MIRMOAYEDI, FAYAZ & SHARIFIAN, 2012: 63

Type locality: Shahanjarin, Razan, Hamedan Province

Distribution: Iran

Host: *Chrysoperla kolthoffi* (Neuroptera: Chrysopidae)

Erythraeus (Erythraeus) elmalicus Haitlinger (larval)

Erythraeus (Erythraeus) elmalicus HAITLINGER, 2010: 53

Type locality: Elmali, 1200 m

Distribution: Turkey

Host: from herbaceous plants

Erythraeus (Erythraeus) etnaensis Heitlinger
Erythraeus (Erythraeus) etnaensis HEITLINGER, 2011: 291

Type locality: Etna

Distribution: Sicily

Erythraeus (Erythraeus) gertrudae Haitlinger, 1987 – Austria (HAITLINGER, 2009a). Syn. of *E. regalis* (C.L. Koch), acc. to STÄLSTEDT et al., 2016.

Erythraeus (Erythraeus) gorcensis Gabryś

Erythraeus (Erythraeus) gorcensis GABRYŚ,

2016: 1 (pro *E. acis* sensu Schweizer, 1951)

Type locality: Switzerland

Distribution: Switzerland

Erythraeus (Erythraeus) hilariae Haitlinger (larval)

Erythraeus (Erythraeus) hilariae HAITLINGER,

2010: 50

Type locality: Elmali, 1200 m

Distribution: Turkey

Host: from herbaceous plants

Erythraeus (Erythraeus) jowitae Haitlinger, 1987 – Sweden (HAITLINGER, 2008c), Romania, Macedonia (HAITLINGER, 2009d). Syn. of *E. cinereus* (Dugès), acc. to STÅLSTEDT et al., 2016.

Erythraeus (E.) kuyperi (Oudemans, 1910) – Estonia, Lithuania (HAITLINGER, 2010a). Syn. of *E. regalis* (C.L. Koch), acc. to STÅLSTEDT et al., 2016.

Erythraeus (Erythraeus) layyahensis Kamran, Afzal et Bashir (larval)

Erythraeus (Erythraeus) layyahensis [KAMRAN, 2009: 48] KAMRAN, AFZAL & BASHIR, 2013: 35

Type locality: Punjab, 22 km east of district Layyah

Distribution: Pakistan

Host: from grass

Erythraeus (Erythraeus) loomerus Kamran (larval)

Erythraeus (Erythraeus) loomerus KAMRAN, 2009: 55

Type locality: Punjab

Distribution: Pakistan

Erythraeus (Erythraeus) mirabi Khanjani, Ueckermann et Ul-Hassan (larval)

Erythraeus (Erythraeus) mirabi KHANJANI, UECKERMANN & UL-HASSAN, 2012: 52

Type locality: Iran

Distribution: Iran

Erythraeus (Erythraeus) picaforticus Haitlinger, 2002 – Sicily (HAITLINGER & ŁUPICKI, 2013)

Erythraeus (Erythraeus) pistacicus Haitlinger, Mehrnejad et Šundić (larval)

Erythraeus (Erythraeus) pistacicus HAITLINGER, MEHRNEJAD & ŠUNDIĆ, 2016: 804; HAITLINGER R., MEHRNEJAD M. REZA, 2017: 320

Type locality: Rafsanjan, Raviz

Distribution: Iran

Hosts: [collected from *Pistacia atlantica mutica* (Anacardiaceae)]; *Agonoscena pistaciae* (Homoptera, Psyllidae); *Farsiana pistaciae* (Hemiptera: Miridae)

Erythraeus (Erythraeus) populi Khanjani, Mirmoayed, Fayaz et Sharifian (larval)

Erythraeus (Erythraeus) populi KHANJANI, MIRMOAYEDI, FAYAZ & SHARIFIAN, 2012: 54

Type locality: Hamedan, 1828 m, Hamedan Province

Distribution: Iran

Host: *Stephanitis pyri* (Heteroptera: Tingidae)

Erythraeus (Erythraeus) serbicus Šundić, Haitlinger et Hakimitabar

Erythraeus (Erythraeus) serbicus ŠUNDIĆ, HAITLINGER & HAKIMITABAR, 2015: 788

Type locality: Serbia

Distribution: Serbia

Erythraeus (Erythraeus) shojaii Babolmorad et Saboori, 2000 – Pakistan (KAMRAN, 2009)

Erythraeus (Erythraeus) sicilicus Haitlinger
Erythraeus (Erythraeus) sicilicus HAITLINGER, 2011: 291

Type locality: Sicily

Distribution: Sicily

Erythraeus (Erythraeus) smolyanensis Haitlinger (larval)

Erythraeus (Erythraeus) smolyanensis HAITLINGER, 2009d: 52; HAITLINGER & ŠUNDIĆ, 2015: 40

Type locality: Smolyan, Bulgaria

Distribution: Bulgaria, Montenegro

Host: from herbaceous plants

Erythraeus (Erythraeus) southcotti Goldarazena et Zhang, 1998 – Montenegro (HAITLINGER & ŠUNDIĆ, 2015)

Erythraeus (Erythraeus) uhadi Kamran et Alatawi (larval)

Erythraeus (Erythraeus) uhadi KAMRAN & ALATAWI, 2014a: 79

Type locality: Uhad Mt, Al-Madina

Distribution: Saudi Arabia

Host: *Opseius* sp. (Hemiptera: Cicadellidae)

Erythraeus (Erythraeus) walii Kamran (larval)
Erythraeus (Erythraeus) walii KAMRAN, 2009: 41

Type locality: Punjab

Distribution: Pakistan

Erythraeus (Zaracarus) adrianicus Haitlinger

Erythraeus (Zaracarus) adrianicus HAITLINGER, 2012: 137

Type locality: Palazzo Adriano n. Sciacca

Distribution: Sicily

Host: from herbaceous plants

Erythraeus (Zaracarus) arminouensis

Haitlinger et Łupicki

Erythraeus (Zaracarus) arminouensis
HAITLINGER & ŁUPICKI, 2011: 405

Type locality: Arminou

Distribution: Cyprus

Host: from herbaceous herbs

Erythraeus (Zaracarus) aydinicus Saboori,

Cakmak et Nouri-Gonbalani, 2004 – Montenegro (HAITLINGER & ŠUNDIĆ, 2015)

Erythraeus (Zaracarus) bibadakiensis

Haitlinger

Erythraeus (Zaracarus) bibadakiensis
HAITLINGER, 2011: 48

Type locality: Bibadaki Island n. Labuan Bajo, Flores

Distribution: Indonesia

Host: from herbaceous herbs

Erythraeus (Zaracarus) budapestensis Fain et Ripka, 1998 – Montenegro (SABOORI, PEŠIĆ & HAKIMITABAR, 2008), Turkey (HAITLINGER, 2010b); Serbia (HAITLINGER, 2012); Albania (HAITLINGER & ŠUNDIĆ, 2015)

E. (Z.) preciosus Goldarazena & Zhang, 1998; **syn.** by HAITLINGER & ŠUNDIĆ, 2015: 585

E. (Z.) ueckermanni Saboori, Nowzari et Bagheri-Zenouz, 2004; **syn.** by HAITLINGER & ŠUNDIĆ, 2015: 585

Erythraeus (Zaracarus) coleopterus Mortazavi, Hajiqanbar et Saboori

Erythraeus (Zaracarus) coleopterus MORTAZAVI, HAJIQANBAR & SABOORI, 2012: 110

Type locality: Ghanat Chenar village, Sirjan city, Kerman province, southeastern Iran (29° 52' 33" N, 55° 43' 56" E, 2253 m a.s.l.)

Distribution: Iran

Host: *Cyphonoxia* sp. (Coleoptera: Scarabaeidae)

Erythraeus (Zaracarus) eleonora Haitlinger, 1987 – Poland, neotype (HAITLINGER & ŠUNDIĆ, 2015)

Erythraeus (Zaracarus) hafezi Saboori, Hakimitabar et Mahmoudi (larval)

Erythraeus (Zaracarus) hafezi SABOORI, HAKIMITABAR & MAHMOUDI, 2014: 80

Type locality: Shiraz city, Fars Province

Distribution: Iran

Host: undet. (Heteroptera: Cicadidae)

Erythraeus (Zaracarus) hamedanicus

Khanjani, Mirmoayedi, Nahad et Fayaz (larval)

Erythraeus (Zaracarus) hamedanicus KHANJANI, MIRMOAYEDI, NAHAD & FAYAZ, 2010: 26

Synonyme of *E. (Z.) ueckermanni* Saboori, Nowzari et Bagheri-Zenouz, 2004 (**syn.** by MAHMOUDI et al., 2011)

Type locality: Hamedan

Distribution: Iran

Host: *Pyrrhocoris apterus* (Heteroptera: Pyrrhocoridae)

Erythraeus (Zaracarus) lancifer Southcott,

1995 – Saudi Arabia (KAMRAN & ALATAWI, 2014a)

Erythraeus (Zaracarus) longipedus Saboori et

Nowzari, 2001 – Pakistan (KAMRAN, 2009)

Erythraeus (Zaracarus) monrealicus Haitlinger

Erythraeus (Zaracarus) monrealicus
HAITLINGER, 2012: 140

Type locality: Monreale n. Palermo

Distribution: Sicily

Host: from herbaceous plants

Erythraeus (Zaracarus) passidonicus

Haitlinger, 2006 – Turkey (HAITLINGER, 2010b)

Erythraeus (Zaracarus) cf. ueckerman-

ni Saboori, Nowzari et Bagheri-Zenouz, 2004 – Montenegro (SABOORI, PEŠIĆ & HAKIMITABAR, 2008)

Erythraeus (Zaracarus) perpusillus Kamran, Afzal, Raza, Irfanullah, Bashir et Ahmad (larval)

Erythraeus (Zaracarus) perpusillus KAMRAN, AFZAL, RAZA, IRFANULLAH, BASHIR & AHMAD, 2009: 358

Type locality: 5 km south of district Okara (Punjab)

Distribution: Pakistan

Host: *Pyrilla perpusilla* (Homoptera: Lophopidae)

Erythraeus (Zaracarus) ruizporterae Mayoral

et Barranco (larval)

Erythraeus (Zaracarus) ruizporterae MAYORAL & BARRANCO, 2008: 114
 Type locality: Yeso de Sorbas (Almeria)
 Distribution: Spain

Erythraeus (Zaracarus) soleimanii Khanjani, Mirmoayedi, Nahad et Fayaz (larval)
Erythraeus (Zaracarus) soleimanii KHANJANI, MIRMOAYEDI, NAHAD & FAYAZ, 2010: 21
 Type locality: Razan, Hamedan
 Distribution: Iran
 Host: *Chrysoperla kolthoffi* (Neuroptera: Chrysopidae)

Erythraeus (Zaracarus) tuzicus Haitlinger et Šundić
Erythraeus (Zaracarus) tuzicus HAITLINGER & ŠUNDIĆ, 2015: 190
 Type locality: Tuzi near Podgorica
 Distribution: Montenegro
 Host: from herbaceous plants

Erythrithes otamahua Clark
Erythrithes otamahua CLARK, 2013: 394
 Type locality: New Zealand
 Distribution: New Zealand

Forania sendrai Mayoral et Barranco (larval)
Forania sendrai MAYORAL & BARRANCO, 2010: 62
 Type locality: Sierra Alhamilla, T.M. Turrilas, Almeria
 Distribution: Spain
 Host: *Tapinoma* sp. (Hymenoptera: Formicidae)

Kamertonia polonica Gabryś – Finland (GABRYŚ et al., 2009)

Lasioerythraeus cardonensis Haitlinger (larval)
Lasioerythraeus cardonensis HAITLINGER, 2008b: 63
 Type locality: Cardon, Margerita Island
 Distribution: Venezuela
 Host: from herbaceous plants

Lasioerythraeus saboorii Khanjani, Raisi et Izadi (larval)
Lasioerythraeus saboorii KHANJANI, RAISI & IZADI, 2011: 546
 Type locality: Boshrowyeh, Ferdous City, South Khorassan Prov.
 Distribution: Iran
 Host: *Aphis punicae* (Homoptera: Aphididae)

Lasioerythraeus setarius Kamran et Bashir (larval)
Lasioerythraeus setarius KAMRAN & BASHIR, 2013: 722

Type locality: 22 km east of district Layyah (Punjab, Pakistan)
 Distribution: Pakistan
 Host: from foxtail grass (*Setaria viridis* L.)

Genus *Makolia* Saboori, Khaustov et Hakimitabar (larval)
Makolia SABOORI, KHAUSTOV & HAKIMITABAR, 2009: 23

Type species: *Makolia crimeaensis* Saboori, Khaustov et Hakimitabar, 2009

Makolia crimeaensis Saboori, Khaustov et Hakimitabar (larval)
Makolia crimeaensis SABOORI, KHAUSTOV & HAKIMITABAR, 2009: 24
 Type locality: Crimea, Ay-Petri mountain pasture
 Distribution: Crimea
 Host: *Lasius* sp. (Hymenoptera: Formicidae)

Phanolophinae – according to WELBOURN (1991), BERON (2008), WOHLTMANN (2010), belongs to Erythraeidae

Phanolophus oedipodarum André, 1927 – Yemen, Germany (WOHLTMANN (2010))

Genus *Iraniella* Karimi Iravanlou, Kamali et Talebi
Iraniella KARIMI IRAVANLOU, KAMALI & TALEBI, 2002: 124

Type species: *Iraniella moharrampuri* Karimi Iravanlou, Kamali et Talebi, 2002

Iraniella moharrampuri Karimi Iravanlou, Kamali et Talebi (larval)
Iraniella moharrampuri KARIMI IRAVANLOU, KAMALI & TALEBI, 2002: 124
 Type locality: Iran
 Distribution: Iran

Leptinae

MAKOL, GABRYŚ & ŁAYDANOWICZ (2011) “resurrected” and re-described *Leptus phalangii* (De Geer, 1778) (the type-species of genus *Leptus* Latreille) and synonymized under this species *Leptus nemorum* (C.L. Koch, 1836) and *L. beroni* Fain, 1991.

Leptus (L.) aphidus Kamran (larval)

- Leptus (L.) aphidus* KAMRAN, 2009: 66
Type locality: Punjab
Distribution: Pakistan
- Leptus (L.) astrubali* Haitlinger, 1999 – Nepal (HAITLINGER, 2009d)
- Leptus (L.) biljanae* Šundić et Haitlinger (larval)
Leptus (L.) biljanae ŠUNDIĆ & HAITLINGER, 2015: 188
Type locality: Župa, Nikšić, Montenegro
Distribution: Montenegro
Host: from Orthoptera indet.
- Leptus (L.) brasiliicus* Haitlinger, Šundić et Pompermaier (larval)
Leptus (L.) brasiliicus HAITLINGER, ŠUNDIĆ & POMPERMAIER, 2017: 879
Type locality: 30 km NE of Brasilia
Distribution: Brazil
- Leptus (L.) cabareticus* Haitlinger, 2004 – Guadeloupe (HAITLINGER, 2011b)
- Leptus (L.) canaricus* Haitlinger (larval)
Leptus (L.) canaricus HAITLINGER, 2009b: 148
Type locality: Tenerife, Las Cañadas, Fuente Joco
Distribution: Canary Islands
Hosts: *Laparocerus crassifrons*, *L. tessellates* (Coleoptera: Curculionidae)
- Leptus (L.) chiusicus* Haitlinger et Šundić (larval)
Leptus (L.) chiusicus HAITLINGER & ŠUNDIĆ, 2014b: 1509
Type locality: Sicilia
Distribution: Sicilia
- Leptus (L.) danelli* Southcott, 1992 raised to species (formerly *L. ignotus danelli*)(ŁAYDANOWICZ & MAKOL, 2010)
- Leptus (L.) delijanensis* Khademi, Saboori et Hakimitabar (larval)
Leptus (L.) delijanensis: KHADEMI, SABOORI & HAKIMITABAR, 2015: 929
Type locality: Delijan
Distribution: Iran
Host: Acrididae indet. (Insecta: Orthoptera)
- Leptus (L.) edwini* Haitlinger (larval)
Leptus (L.) edwini HAITLINGER, 2009b: 145
Type locality: Tenerife, Fuente Joco
- Distribution: Canary Islands
Host: *Laparocerus tessellates* (Coleoptera: Curculionidae)
- Leptus (L.) eslamizadehi* Saboori, 2002 – Montenegro (HAITLINGER & ŠUNDIĆ, 2015)
- Leptus (L.) hammameticus* Haitlinger, 1998 – Sicily (HAITLINGER, 2012)
Syn. *Leptus ignotus* (Oudemans, 1903) = *L. molochinus* (C.L. Koch, 1837) (ŁAYDANOWICZ & MAKOL, 2010)
- Leptus (L.) josifovi* Beron, 1975 – Albania, Montenegro (HAITLINGER, 2012)
- Leptus (Leptus) kattikus* Haitlinger (larval)
Leptus (Leptus) kattikus HAITLINGER, 2009e: 61; MAKOL et al., 2012: 67
Type locality: Nepal,
Distribution: Nepal, Vietnam
Hosts: from herbaceous plants; Phasmida
- Leptus (L.) korneli* Haitlinger (larval)
Leptus (L.) korneli HAITLINGER, 2009a: 1152
Type locality: Sal Island, 3 km north of Espargos
Distribution: Rep. of Cape Verde
Host: from herbaceous plants
- Leptus (L.) longipilis* (Berlese, 1910) – Finland (GABRYŚ, ROLAND, MAKOL & LEHTINEN, 2009)
- Leptus (L.) lugenus* Kamran (larval)
Leptus (L.) lugenus KAMRAN, 2009: 81
Type locality: Punjab
Distribution: Pakistan
- Leptus (L.) mariae* Haitlinger, 1987 – Estonia, Latvia (HAITLINGER, 2010a), Macedonia (HAITLINGER,)
- Leptus (L.) maxorata* Haitlinger (larval)
Leptus (L.) maxorata HAITLINGER, 2009b: 141
Type locality: Fuerteventura, Malpais Grande
Distribution: Canary Islands
Host: *Herpisticus calvus* (Coleoptera: Curculionidae)
- Leptus (L.) multanensis* Kamran (larval)
Leptus (L.) multanensis KAMRAN, 2009: 89
Type locality: Punjab
Distribution: Pakistan

Leptus (L.) millipediis Southcott, 1992

Madeira. Known from this island on Diplopoda, but recorded by HAITLINGER (2009b) from *Laparocerus (Atlantis) lamellipes* and *L. (A.) noctivagans* (Coleoptera: Curculionidae).

Leptus (L.) molochinus (C.L. Koch, 1837) – Montenegro (HAITLINGER & ŠUNDIĆ, 2015)

Leptus (L.) multisolenidiae Mayoral et Barranco

Leptus (L.) multisolenidiae MAYORAL & BARRANCO, 2011b: 413

Type locality: Kaw mountain, Cayenne

Distribution: French Guiana

Host: *Episomacris gruneri* (Orthoptera: Acrididae)

Leptus (L.) nikanori Haitlinger, 1998 – Costa Rica (MAYORAL & BARRANCO, 2011a), French Guiana (MAYORAL & BARRANCO, 2011b)

Leptus (L.) pakistanensis Kamran, Afzal, Bashir, Raza et Saeed Khan (larval)

Leptus pakistanensis KAMRAN, AFZAL, BASHIR, RAZA & SAEED KHAN, 2009: 17

Type locality: five km south of district Okara (Punjab)

Distribution: Pakistan

Host: *Aphis* sp. (Homoptera: Aphididae)

Leptus (L.) phalangii (De Geer, 1778)(larval, postlarval)

Acarus phalangii De Geer, 1778 – 117

Leptus phalangii: Gabryś, 1991: 104;

Rhyncholophus nemorum C.L. Koch, 1836: fasc.1, t.4

Leptus nemorum: Oudemans, 1914: 16 (more synonyms in MAKOL, GABRYŚ & ŁAYDANOWICZ, 2011)

Leptus beroni Fain, 1991: 109

Leptus holmiai Southcott, 1992: 60

Leptus (L.) planaltensis Haitlinger, Šundić et Pompermaier (larval)

Leptus (L.) planaltensis HAITLINGER, ŠUNDIĆ & POMPERMAIER, 2017: 879

Type locality: 30 km NE of Brasilia

Distribution: Brazil

Leptus (L.) salicus Haitlinger (larval)

Leptus (L.) salicus HAITLINGER, 2009a: 150

Type locality: Sal Island

Distribution: Rep. of Cape Verde

Host: Orthoptera indet.

Leptus (L.) sulawesicus Haitlinger (larval)

Leptus (L.) sulawesicus HAITLINGER, 2011: 53

Type locality: Sulawesi, Kietekiesu, n. Rantepao

Distribution: Indonesia (Sulawesi)

Host: from herbaceous plants

Leptus (L.) tenerificus Haitlinger (larval)

Leptus (L.) tenerificus HAITLINGER, 2009b: 147

Type locality: Tenerife, Granadilla, Las Vegas

Distribution: Canary Islands

Host: *Laparocerus fernandezi* (Coleoptera: Curculionidae)

Leptus (L.) veletae Małkol et Wohltmann, 2012 (nom. nov. pro *Leptus incertus* Gabryś, 2000)

Callidosomatinae

According to WOHLTMANN & MAKOL (2012), *Abrolophus* Berlese, 1891 is the adult form of *Hauptmannia* Oudemans, 1910.

Caeculisoma argus Vitzthum, 1926 – species status by MAKOL & WOHLTMANN, 2013: 17 (for *C. argus argus*)

Caeculisoma carmenae Haitlinger (larval)

Caeculisoma carmenae HAITLINGER, 2008d: 139

Caeculisoma (C.) carmenae Haitlinger: BERON, 2008: 128

Type locality: Rep. of South Africa, Port Elizabeth

Distribution: South Africa

Host: from herbaceous plants

Caeculisoma io Southcott, 1961

Formerly *Caeculisoma argus io*, full status as species by MAKOL & WOHLTMANN, 2013: 17

Callidosoma selmae Costa, Klompen, Dos Santos, Favretto et Pepato

Callidosoma selmae COSTA, KLOMPEN, DOS SANTOS, FAVRETTO & PEPATO, 2017: 42

Type locality: Brazil

Distribution: Brazil

Callidosoma susanae Clark

Callidosoma susanae CLARK, 2014: 177

Type locality: Southern Alps

Distribution: New Zealand

Host: from recent glacial outwash in a braided river bed

Momorangia binaloudensis Noei et Saboori

- Momorangia binaloudensis* NOEI & SABOORI, 2015: 790
Type locality: Khorasan Razavi province, Binaloud Mountain, Shirbad
Distribution: Iran
Host: *Apamea impedita* (Christoph) (Lepidoptera: Noctuidae)
- Momorangia chambersi*** Clark
Momorangia chambersi CLARK, 2014: 186
Type locality: Southern Alps
Distribution: New Zealand
Host: from recent glacial outwash in a braided river bed
- Neomomorangia*** Fain et Santiago-Blay, 1993 – full genus status (CLARK, 2014)
- Abrolophinae** Witte, 1995
- Abrolophus aitapensis*** (Southcott, 1948) – Guadeloupe (HAITLINGER, 2011b); Lombok (HAITLINGER, 2011: 48)
- Abrolophus alfalfus*** Kamran (larval)
Abrolophus alfalfus KAMRAN, 2009: 127
Type locality: Punjab
Distribution: Pakistan
- Abrolophus angustum*** (Evans, 1953)
Formerly *Balaustium angustum*, transferred to *Abrolophus* by MAKOL & WOHLTMANN, 2013: 16
- Abrolophus anzelmi*** Haitlinger et Łupicki (larval)
Abrolophus anzelmi HAITLINGER & ŁUPICKI, 2013: 682
Type locality: Sicily
Distribution: Sicily
- Abrolophus artemisiae*** (Schrank, 1803) – Finland (GABRYŚ, ROLAND, MAKOL & LEHTINEN, 2009)
- Abrolophus balkanicus*** Haitlinger et Šundić
Abrolophus balkanicus HAITLINGER & ŠUNDIĆ, 2015: 1019
Type locality:
Distribution: Montenegro
- Abrolophus bipilum*** (Meyer et Ryke, 1959)
Formerly *Balaustium bipilum*, transferred to *Abrolophus* by MAKOL & WOHLTMANN, 2013: 16
- Abrolophus bohadani*** Kamran (larval)
Abrolophus bohadani KAMRAN, 2009: 135
Type locality: Punjab
Distribution: Pakistan
- Abrolophus faisalabadensis*** Kamran
Abrolophus faisalabadensis KAMRAN, 2009: 136
Type locality: Punjab
Distribution: Pakistan
- Abrolophus hieronimi*** Haitlinger et Łupicki
Abrolophus hieronimi HAITLINGER & ŁUPICKI, 2013: 42; MAKOL & WOHLTMANN, 2013: 16
Type locality: San Martin nr. Palermo, Sicily
Distribution: Italy (Sicily)
- Abrolophus kazimierae*** (Haitlinger, 1986) – Austria, Italy (HAITLINGER, 2009a)(new comb.), Montenegro (HAITLINGER & ŠUNDIĆ, 2015)
- Abrolophus khanjanii*** (Haitlinger et Saboori, 1996) – Pakistan (KAMRAN, 2009)
- Abrolophus kotorensis*** (Haitlinger, 2007) – Albania, Montenegro, Sicily (HAITLINGER, 2012) = *Abrolophus silesiacus* (Haitlinger, 1986) = *Abrolophus norvegicus* (Thor, 1900)
- Abrolophus montenegrinus*** Saboori, Šundić et Pešić
Abrolophus montenegrinus SABOORI, ŠUNDIĆ & PEŠIĆ, 2012: 54
Type locality: bank of Krupac Lake, Nikšić
Distribution: Montenegro
Host: off host on grasses
- Abrolophus norvegicus*** (Thor, 1900) – Neotype from N. Germany (WOHLTMANN & MAKOL, 2012)
Syn. *Hauptmannia silesiacus* Haitlinger, 1986: 189; Type locality: Wrocław – Swojec, Poland. Syn. by WOHLTMANN & MAKOL (2012).
Syn. *Hauptmannia amilberti* Haitlinger, 2010b: 5 (Type locality: Altnyaka n. Kemer; 7 km N of Cavus Koy, 11 km N Olympus; Kemer, Turkey)
Syn. *Hauptmannia dagmarae* Haitlinger, 2012: 42; Type locality: Lago di Pian del Leone (Sicily), from herbaceous plants and from larva of undet. Hemiptera. Syn. by Wohltmann & Małkol (2012).
Syn. *Hauptmannia striata* Saboori, Šundić & Pešić, 2011: 64; Type locality: Vranjske Njive, bank of Zeta River, Podgorica (Montenegro). Syn. by Wohltmann & Małkol (2012).
Syn. *Abrolophus neobrevicollis* Zhang et Goldarazena, 1996: 127; Type locality: Pitillas,

- Navarra, Spain. Syn. by Wohltmann & Małkol (2012).
 Supplement to distribution: Belgium (HAITLINGER, 2008), Romania (HAITLINGER, 2009d), Estonia, Latvia (HAITLINGER, 2010), Sicily (HAITLINGER & ŁUPICKI, 2015b), Montenegro (SABOORI, ŠUNDIĆ, PEŠIĆ & HAKIMITABAR, 2011, sub *Hauptmannia striata*).
- Abrolophus nymindegabicus*** Haitlinger
Abrolophus nymindegabicus HAITLINGER, 2008c: 53
 Type locality: Denmark, Nymindegab
 Distribution: Denmark, Sweden
- Abrolophus petanovicae*** Saboori, Šundić et Pešić
Abrolophus petanovicae SABOORI, ŠUNDIĆ & PEŠIĆ, 2012: 57; HAITLINGER & ŠUNDIĆ, 2015: 584
 Type locality: Skadar Lake, Murići (Montenegro)
 Distribution: Montenegro, Serbia
 Host: on grasses .
- Abrolophus pyrillus*** Kamran (larval)
Abrolophus pyrillus KAMRAN, 2009: 144
 Type locality: Punjab
 Distribution: Pakistan
- Abrolophus quisquiliarus*** (Hermann, 1804) – Serbia (HAITLINGER, 2012); Finland (GABRYŚ et al., 2009)
- Abrolophus quisquiliarus kiejestuti*** (Haitlinger, 2007) – Romania (HAITLINGER, 2009d)
- Abrolophus stanislavae*** (Haitlinger, 1986) – Serbia (HAITLINGER, 2012)(comb. in MAŁKOL & WOHLTMANN, 2013: 16)
- Abrolophus thripsus*** Kamran (larval)
Abrolophus thripsus KAMRAN, 2009: 151
 Type locality: Punjab
 Distribution: Pakistan
- Abrolophus vignae*** (Meyer et Ryke, 1959)(for *Balaustium vignae*, see MAŁKOL & WOHLTMANN, 2013: 16)
- Abrolophus wratislaviensis*** (Haitlinger, 1986) – Austria, Bulgaria, Estonia, Italy, Latvia, Romania (HAITLINGER, 2009a, 2009d, 2010a); Montenegro (HAITLINGER & ŠUNDIĆ, 2015)
- Charletonia bahaensis*** Kamran et Alatawi (larval)
Charletonia bahaensis KAMRAN & ALATAWI, 2014: 85
 Type locality: Saudi Arabia
 Distribution: Saudi Arabia
Charletonia baluchestanica Tashakor et Hakimitabar (larval)
Charletonia baluchestanica TASHAKOR & HAKIMITABAR, 2015: 198
 Type locality: Behshahr City, Ghalehpayan vil-
 lage
 Distribution: Iran
 Host: *Ochrilidia* sp. (Orthoptera: Acrididae)
- Charletonia behbahanensis*** Haitlinger et Saboori (larval)
Charletonia behbahanensis HAITLINGER & SABOORI, 2008: 74
 Type locality: Behbahan
 Distribution: Iran
 Host: *Dociostaurus maroccanus* (Orthoptera: Acrididae)
- Charletonia behshahriensis*** Hakimitabar et Saboori (larval)
Charletonia behshahriensis HAKIMITABAR & SABOORI, 2014: 295
 Type locality: Behshahr City, Ghalehpayan vil-
 lage
 Distribution: Iran
 Host: *Tettigonia* sp. (Orthoptera: Tettigoniidae)
- Charletonia bojnordensis*** Haitlinger et Saboori (larval)
Charletonia bojnordensis HAITLINGER & SABOORI, 2008: 77
 Type locality: Bojnord
 Distribution: Iran
 Host: indet. (Coleoptera: Buprestidae)
- Charletonia bucephalia*** Beron, 1975 – Montenegro (ŠUNDIĆ & PAJOVIĆ, 2013, redescription)
- Charletonia cameroonensis*** Haitlinger et Kekeunou (larval)
Charletonia cameroonensis Haitlinger et Kekeunou, in HAITLINGER, KEKEUNOU & ŁUPICKI, 2014: 40
 Type locality: Cameroon,
 Distribution: Cameroon
 Host: *Zonocerus variegatus* (Orthoptera: Pyrgomorphidae)
- Charletonia cardinalis*** (Pallas, 1772) – Latvia, Lithuania (HAITLINGER, 2010a), Serbia (HAITLINGER, 2012)

Charletonia domawiti Haitlinger, 2004 – Costa Rica (MAYORAL & BARRANCO, 2011a), French Guiana (MAYORAL & BARRANCO, 2011b)

Charletonia elbasani Šundić, Haitlinger et Milošević (larval)

Charletonia elbasani ŠUNDIĆ, HAITLINGER & MILOŠEVIĆ, 2017: 564

Type locality: Elbasan

Distribution: Albania

Host: from herbaceous plants

Charletonia farajji Noei, Saboori et Hajizadeh (larval)

Charletonia farajji NOEI, SABOORI & HAJIZADEH, 2015: 442

Type locality: Lowshan, Rudbar, Rostamabad cities, Guilan Province

Distribution: Iran

Host: Orthoptera indet.

Charletonia gabini (Haitlinger, 2004) – Kenya (CLARK, 2014, for *Momorangia gabini* Haitlinger)

Charletonia jolantae Haitlinger, 1986 = *Ch. volzi* (Oudemans, 1910)(HAITLINGER, 2007c)

Charletonia kosensis Haitlinger (larval)

Charletonia kosensis HAITLINGER, 2016: 1010

Type locality: Kos

Distribution: Greece

Charletonia kovalamensis Haitlinger (larval)

Charletonia kovalamensis HAITLINGER, 2007c: 76

Type locality: India, Kovalam; Sri Lanka, Mount Lavinia

Distribution: India, Nepal, Sri Lanka

Host: Orthoptera indet.

Charletonia krendowskii (Feider, 1954) – Italy, Macedonia (HAITLINGER, 2009a), Albania (HAITLINGER & ŠUNDIĆ, 2015)

Charletonia lankensis Southcott, 1988 from India (HAITLINGER, 2007c) and from Sri Lanka (= *Ch. keralicus* Ramaraju & Mohanasundaram, 1998)

Charletonia postojnensis Haitlinger (larval)

Charletonia postojnensis HAITLINGER, 2011: 28

Type locality: Postojna

Distribution: Slovenia

Charletonia ramoni Haitlinger (larval)

Charletonia ramoni HAITLINGER, 2007: 78

Type locality: Nepal

Distribution: Nepal

Charletonia salazari Mayoral et Barranco

Charletonia salazari MAYORAL & BARRANCO, 2011: 223

Type locality: Colonia Palmareña, San Ramón, Alajuela

Distribution: Costa Rica

Host: *Scopiorinus mucronatus* (Orthoptera, Tettigoniidae, Pseudophyllinae).

Charletonia shahriari Saboori, Azimi et Shirdel (larval)

Charletonia shahriari SABOORI, AZIMI & SHIRDEL, 2012: 34

Type locality: Dizaj Olia village (38° 8.043' N, 46° 13.041' E, ~1470 m a.s.l.), Tabriz, East Azarbaijan province.

Distribution: Iran

Host: undetermined cercopid (Homoptera: Cercopidae)

Charletonia shiroyama Yaita, Kato et Toriyama, 1961 – Laos, Thailand (HAITLINGER, 2007c); Java (HAITLINGER, 2011)

Syn.: ***Charletonia sureshi*** (Ramaraju et Mohanasundaram, 1998) = *Ch. volzi* (Oudemans, 1910)(HAITLINGER, 2007c)

Charletonia stekolnikovi Hakimitabar et Saboori (larval)

Charletonia stekolnikovi HAKIMITABAR & SABOORI, 2011: 40

Type locality: Taleghan city, 214 m, Tehran province

Distribution: Iran

Host: from herbaceous plants

Charletonia talebii Sedghi, Saboori et Hakimitabar (larval)

Charletonia talebii SEDGHI, SABOORI & HAKIMITABAR, 2010: 335

Type locality: Jahrom

Distribution: Iran

Host: undet. Cicadellidae (Heteroptera)

Charletonia terianae Hakimitabar, Saboori et Seiedy

Charletonia terianae HAKIMITABAR, SABOORI & SEIEDY, 2013: 164

Type locality: Tehran, Karaj

Distribution: Iran
Host: undet. Phalangiidae (Opiliones), undet. Cheliferidae (Pseudoscorpiones), Araneae

Charletonia villingensis Haitlinger (larval)
Charletonia villingensis HAITLINGER, 2007c: 73
Type locality: Villing
Distribution: Maldives
Host: from herbaceous plants

Charletonia volzi (Oudemans, 1910) – Laos, Malaysia, Thailand (HAITLINGER, 2007c)

[***Grandjeanella bella*** Zhang, 1996 is considered part of genus *Nagoricanelle* Haitlinger by SABOORI et al. (2016)]

Grandjeanella londaensis Haitlinger
Grandjeanella londaensis HAITLINGER, 2011: 50
Type locality: Londa n. Rantepao
Distribution: Indonesia
Host: from herbaceous plants

Grandjeanella macfarlanei Clark
Grandjeanella macfarlanei CLARK, 2014: 191
Type locality: Southern Alps
Distribution: New Zealand
Host: from recent glacial outwash in a braided river bed

Grandjeanella multisetosa Zhang et Goldarazena, 1996 – Hungary, Romania, Macedonia, San Marino (HAITLINGER, 2009a, 2009d, 2012)

Genus ***Marantelophus*** Haitlinger
Marantelophus HAITLINGER, 2011: 50
Type species: *Marantelophus alaperti* Haitlinger, 2011

Marantelophus ainae (Haitlinger, 2002) – transferred from *Grandjeanella* by HAITLINGER, 2011 (Mallorca)

Marantelophus alaperti Haitlinger
Marantelophus alaperti HAITLINGER, 2011: 50
Type locality: Sulawesi, Marante n. Rantepao
Distribution: Indonesia (Sulawesi)

Marantelophus bella (Zhang, 1996) – transferred from *Grandjeanella* by HAITLINGER, 2011 (Iran and Turkey); Turkey, ex *Parlatoria oleae* (Homoptera: Diaspididae) (SABOORI & COBANOGU, 2010), transferred to *Nagoricanelle* by SABOORI et al. (2016)

Marantelophus dubifurcatus Xu, Yi et Jin
Marantelophus dubifurcatus XU, YI & JIN, 2017:
Type locality: China
Distribution: China
Hosts: *Cacopsyllus* sp. (Homoptera: Psyllidae), Psocoptera

Marantelophus emanueli (Haitlinger)
Grandjeanella emanueli HAITLINGER, 2010b: 56
Marantelophus emanueli (Haitlinger): KAMRAN & ALATAWI, 2015:
Type locality: Elmali, 1200 m
Distribution: Turkey
Host: from herbaceous plants

Marantelophus haitlingeri (Goldarazena et Zhang, 1997) – transferred from *Grandjeanella* by HAITLINGER, 2011 (Spain)

Marantelophus kamalii (Saboori et Atamehr, 2000) – transferred from *Grandjeanella* by HAITLINGER, 2011 (Iran). Montenegro (HAITLINGER & ŠUNDIĆ, 2014: 40)

Marantelophus multisetosa (Zhang et Goldarazena, 1996) – transferred from *Grandjeanella* by HAITLINGER, 2011 (Croatia, Greece, Hungary, Romania, San Marino, Spain, Turkey and Ukraine)

Marantelophus ostovani (Haitlinger et Saboori, 1996) – transferred from *Grandjeanella* by HAITLINGER, 2011 (Iran)

Marantelophus rudaensis (Haitlinger)
Hauptmannia rudaensis HAITLINGER, 1986: 182
Rudaemia rudaensis Haitlinger: HAITLINGER, 2000: 386
Abrolophus rudaensis (Haitlinger): MAKOL & WOHLTMANN, 2012:

Marantelophus rudaensis (Haitlinger, 1986) – Montenegro (HAITLINGER & ŠUNDIĆ, 2014: 40)

Marantelophus sanandajensis Hakimitabar et Saboori

Marantelophus sanandajensis Hakimitabar et Saboori, in: HAKIMITABAR, GHOBARI & SABOORI, 2015: 226

Type locality: Koushk Bala village, Chalous road, Karaj

Distribution: Iran
Host: from unidentified Thysanoptera and Aphididae (Homoptera)

Genus ***Nagoricanelle*** Haitlinger (larval)

- Nagoricanella* Haitlinger, 2009c: 40
Type species: *Nagoricanella egoni* Haitlinger, 2009
- Nagoricanella arabellae*** Haitlinger (larval)
Nagoricanella arabellae: HAITLINGER, 2009c: 41
Type locality: 3 km north of Espargos, Sal Island
Distribution: the Republic of Cape Verde
Host: from herbaceous plants
- Nagoricanella bella*** (Zhang, 1996) – combination created by SABOORI et al. (2016) from *Grandjeanella bella* Zhang, 1996 = *Marantelophus bella* (Zhang)
- Nagoricanella egoni*** Haitlinger (larval)
Nagoricanella egoni HAITLINGER, 2009c: 46
Type locality: Staro Nagoričane n. Kumanovo
Distribution: the Republic of Cape Verde
Host: from herbaceous plants
- Nagoricanella salehi*** Kamran et Alatawi (larval)
Nagoricanella salehi KAMRAN & ALATAWI, 2015: 196
Type locality: Saudi Arabia
Distribution: Saudi Arabia
- Genus ***Pukakia*** Clark
Pukakia CLARK, 2014: 198
Type species: *Pukakia aoraki* Clark, 2014
- Pukakia aoraki*** Clark
Pukakia aoraki CLARK, 2014: 198
Type locality: Southern Alps
Distribution: New Zealand
Host: from recent glacial outwash in a braided river bed
- Balaustiinae**
Genus ***Balaustium*** von Heyden, 1826
= *Guatustium* Haitlinger, 2000 – synonymized by MAKOL & WOHLTMANN, 2013
= *Palenquustum* Haitlinger, 2000 – synonymized by FUENTES QUINTERO et al., 2014
- Balaustium biljanae*** (Haitlinger, 2000)
Formerly *Guatustium biljanae*, synonymized by MAKOL & WOHLTMANN, 2013: 17
- Balaustium biscutalae*** Mayoral et Barranco (larval)
Balaustium biscutalae MAYORAL & BARRANCO, 2009: 1161
Type locality: Amoladeras. P.N. Cabo de Gata
- Nijar. T.M. de Nijar, Almeria
Distribution: Spain
- Balaustium hernandezi*** Mağkol, Arijs et Wäckers
Balaustium hernandezi Mağkol, Arijs & Wäckers, 2012: 2
Type locality: Spain
Distribution: Spain
- Balaustium kacperi*** Haitlinger, 1996 – Latvia (HAITLINGER, 2010a)
- Balaustium leanderi*** (HAITLINGER, 2000) – formerly *Palenquustum* Haitlinger, 2000 – synonymized by FUENTES QUINTERO et al., 2014, 2015
- Balaustium nikae*** Haitlinger, 1996 – Bulgaria (HAITLINGER, 2009d), Italy (HAITLINGER, 2009a), Serbia (HAITLINGER, 2012)
- Balaustium yousifi*** Kamran et Alatawi (larval)
Balaustium yousifi KAMRAN & ALATAWI, 2014a: 90
Type locality: 5 km Taif Road, Baha
Distribution: Saudi Arabia
- Genus ***Madinahustium*** Kamran et Alatawi
Madinahustium Kamran & Alatawi, 2016: 79
Type species: *Madinahustium acaiaum* Kamran & Alatawi, 2016
- Madinahustium acaciaum*** Kamran et Alatawi
Madinahustium acaciaum Kamran & Alatawi, 2016: 79
Type locality: Saudi Arabia
Distribution: Saudi Arabia
- Moldoustium haitlingeri*** Noei, Saboori et Šundić (larval)
Moldoustium haitlingeri NOEI, SABOORI & ŠUNDIĆ, 2013: 264
Type locality: Loshan city, 1339 m, Guilan Province; paratypes from Montenegro, Plavnica, nr. Shkodar Lake
Distribution: Iran, Montenegro
Host: soil
- Genus ***Monteustium*** Haitlinger et Šundić
Monteustium Haitlinger & Šundić, 2015: 2015
Type species: *Monteustium* Haitlinger & Šundić, 2015
- Monteustium marezensis*** Haitlinger et Šundić

Monteustium marezensis Haitlinger & Šundić,
2015: 1108
Type locality: Montenegro
Distribution: Montenegro

Pollux jhangensis Kamran

Pollux jhangensis KAMRAN, 2009: 108
Type locality: Punjab
Distribution: Pakistan

Pollux kovalamicus Haitlinger, 2002 – Pakistan
(KAMRAN, 2009), Indonesia (HAITLINGER, 2010)
Syn. *Pollux walii* KAMRAN, AFZAL & RAZA, 2010
Type locality: Punjab
Distribution: Pakistan

Pollux okaraensis Kamran

Pollux okaraensis KAMRAN, 2009: 100
Type locality: Punjab,
Distribution: Pakistan

Pollux punctatus Kamran

Pollux punctatus KAMRAN, 2009: 115
Type locality: Punjab
Distribution: Pakistan

Pollux workandae Southcott, 1961 – Pakistan
(KAMRAN & BASHIR, 2013)

Fossil Calyptostomatoidea and Erythraeoidea

Calyptostomatidae

Calyptostoma katyae Konikiewicz, Wohltmann
et Małkol
Calyptostoma katyae KONIKIEWICZ,
WOHLTMANN & MAŁKOL, 2016: 337
Type locality: Baltic Amber

Smarididae

Fessonia grabenhorsti Bartel, Konikiewicz,
Małkol, Wohltmann et Dunlop
Fessonia grabenhorsti BARTEL, KONIKIEWICZ,
MAŁKOL, WOHLTMANN & DUNLOP, 2015: 653
Type locality: Baltic and Bitterfeld Amber

Fessonia groehni Bartel, Konikiewicz, Małkol,
Wohltmann et Dunlop
Fessonia groehni BARTEL, KONIKIEWICZ,
MAŁKOL, WOHLTMANN & DUNLOP, 2015: 655
Type locality: Baltic and Bitterfeld Amber

Fessonia wunderlichii Bartel, Konikiewicz,

Małkol, Wohltmann et Dunlop
Fessonia wunderlichii BARTEL, KONIKIEWICZ,
MAŁKOL, WOHLTMANN & DUNLOP, 2015: 649
Type locality: Baltic and Bitterfeld Amber
Erythraeidae

Genus ***Pararainbowia*** Dunlop

Pararainbowia DUNLOP, 2007: 96
Type species: *Pararainbowia martilli* Dunlop, 2007

Pararainbowia martilli Dunlop

Pararainbowia martilli DUNLOP, 2007: 96 –
Brazil, from the Early Cretaceous (Aptian) Crato
Formation from Ceará Stat.

**Distribution of Calyptostomatoidea and
Erythraeoidea (suppl.)**

EUROPE

Albania (HAITLINGER, 2012a; HAITLINGER
& ŠUNDIĆ, 2014, 2015; ŠUNDIĆ, HAITLINGER &
MILOŠEVIĆ, 2016) – *Erythraeus (Erythraeus) al-*
banicus, *Abrolophus kotorensis*, *Leptus (L.) josifovi*,
Charletonia elbasani, *Ch. krendowskyi*

Austria (HAITLINGER, 2007d, 2009a) –
Abrolophus pseudolongicollis, *A. kazimierae*, *A. wrat-*
islaviensis, *Balaustium nikaie*, *Erythraeus (E.) gertru-*
dae, *Leptus (L.) mariae*

Belgium (HAITLINGER, 2008c) – *Abrolophus*
norvegicus

Bulgaria (HAITLINGER, 2009d) – *Balaustium*
nikaie, *Charletonia cardinalis*, *Erythraeus (E.) smoly-*
anensis, *E. (Zaracarus) budapestensis*, *Abrolophus ka-*
zimierae, *A. wratislaviensis*

Crimea (SABOORI, KHAUSTOV, HAKIMITABAR &
HAJIQANBAR, 2009) – *Makolia crimeaensis*

Denmark (HAITLINGER, 2008c) – *Abrolophus*
nymindegabicus

Estonia (HAITLINGER, 2010a) – *Abrolophus nor-*
vegicus, *A. wratislaviensis*, *Leptus (L.) mariae*, *L. (L.)*
molochinus, *L. (L.) miromiri*, *Erythraeus (E.) kuyperi*

Finland (GABRYŚ, ROLAND, MAŁKOL &
LEHTINEN, 2009) – **Smarididae:** *Hirstiosoma latreillei*;
Erythraeidae: *Abrolophus artemisiae*, *A. miniatus*, *A.*
norvegicus, *A. brevicollis*, *A. quisquiliarus*, *Charletonia*
cardinalis, *Curteria episcopalis*, *Erythraeus cinereus*,
Kamertonia polonica, *Leptus longipilis*, *L. rubricatus*,
L. molochinus (= *L. ignotus*)

Germany (WOHLTMANN, 2010, WOHLTMANN
& MAŁKOL, 2012) – *Abrolophus norvegicus* (neotype),
Phanolophus oedipodarum

Greece (ANTONATOS & EMMANOUEL, 2014) –
Erythraeidae

Hungary (HAITLINGER, 2007d, 2009a) – *Grandjeanella multisetosa*

Italy (HAITLINGER, 2007d, 2009a, 2012) – *Abrolophus mirabelae*, *A. kazimierae*, *A. wratislaviensis*, *Balaustium nikae*, *Charletonia austiensis*, *Ch. krendowskyi*, *Ch. berlesiana*, *Ch. cardinalis*, *Erythraeus* (*E.*) *malwinae*, *Leptus* (*L.*) *phalangii* (syn. *L. beroni*), *L.* (*L.*) *molochinus*, *L.* (*L.*) *slivovi*, *Marantelophus multisetosa*

Sicily (HAITLINGER, 2012b, HAITLINGER & ŠUNDIĆ, 2014b, 2015, HAITLINGER & ŁUPICKI, 2013a, b, 2015) – **Calyptostomatidae**: *Calyptostoma velutinum*; **Erythraeidae**: *Abrolophus anzelmi*, *A. norvegicus* (= *Hauptmannia dagmarae*), *Leptus hammameticus*, *L. chiusicus*, *Erythraeus* (*Zaracarus*) *adrianicus*, *E.* (*Z.*) *monrealicus*

Latvia (HAITLINGER, 2010a) – *Abrolophus norvegicus*, *A. wratislaviensis*, *Charletonia cardinalis*, *Erythraeus* (*E.*) *kuyperi*, *Leptus* (*L.*) *mariae*, *Balaustium kacperi*

Lituania (HAITLINGER, 2010a) – *Charletonia cardinalis*, *Erythraeus* (*E.*) *kuyperi*

Luxemburg (HAITLINGER, 2008c) – *Leptus* (*L.*) *trimaculatus*

Macedonia (HAITLINGER, 2009d, 2012a) – *Charletonia krendowskyi*, *Erythraeus* (*E.*) *cinereus* (= *jowitae*), *Leptus* (*L.*) *mariae*, *L.* (*L.*) *molochinus* (= *ignotus*)

Montenegro (SABOORI, PEŠIĆ & HAKIMITABAR, 2008; SABOORI et al., 2011, 2012; HAITLINGER, 2012a; NOEL, SABOORI et al., 2013; ŠUNDIĆ & PAJOVIĆ, 2012, 2013; ŠUNDIĆ, 2014; ŠUNDIĆ & HAITLINGER, 2015; HAITLINGER & ŠUNDIĆ, 2014A, 2015a, 2015C, 2016, 2017) – **Smarididae**: *Hirstiosoma amfilohijeji*; **Erythraeidae**: *Abrolophus montenegrinus*, *A. balkanicus*, *A. norvegicus* (= *Hauptmannia striata*), *A. kotozensis*, *A. petanovicae*, *A. wratislaviensis*, *Balaustium nikae*, *Charletonia bucephalia*, *Erythraeus* (*Z.*) *aydinicus*, *E.* (*E.*) *budapestensis*, *E.* (*Z.*) cf. *ueckermanni*, *E.* (*Z.*) *tuzicus*, *E.* (*E.*) *ankaraicus*, *E.* (*E.*) *smolyanensis*, *E.* (*E.*) *southcotti*, *Leptus* (*L.*) *josifovi*, *L.* (*L.*) *biljanae*, *L.* (*L.*) *eslamizadehi*, *L.* (*L.*) *molochinus*, *Italustium eframi*, *Marantelophus kamalii*, *M. rudaensis*, *Moldoustium haitlingeri*, *Monteustium marezensis*

Poland (GABRYŚ & MAKOL, 1997; KLOSIŃSKA, FELSKA, ŁAYDANOWICZ & MAKOL, 2009) – *Abrolophus norvegicus*

Portugal

Azorean Islands (MCNEIL & TREAT, 1992; LORENZO – CARBALLA et al., 2011) – *Leptus killingtoni*

Romania (HAITLINGER, 2009d) – *Abrolophus quisquiliaris kiejestuti*, *A. norvegicus*, *Balaustium nikae*, *Erythraeus* (*E.*) *jowitae*, *E.* (*E.*) *monikae*, *Grandjeanella*

multisetosa, *Abrolophus kazimierae*, *A. wratislaviensis*, *Leptus* (*L.*) *mariae*

San Marino (HAITLINGER, 2007d, 2009a) – *Balaustium nikae*, *Grandjeanella multisetosa*, *Leptus* (*L.*) *molochinus* (= *ignotus*)

Serbia (HAITLINGER, 2012; ŠUNDIĆ, 2014; ŠUNDIĆ, HAITLINGER, PETANOVIĆ, JOVICIĆ & HAKIMITABAR, 2015; HAITLINGER & ŠUNDIĆ, 2015) – **Calyptostomatidae**: *Calyptostoma velutinum*; **Erythraeidae**: *Abrolophus petanovicae*, *A. quisquiliaris*, *A. stanislavae*, *Balaustium nikae*, *Charletonia cardinalis*, *Erythraeus* (*Zaracarus*) *budapestensis*

Slovenia (HAITLINGER, 2011b) – *Charletonia postojnensis*, *Abrolophus podoresensis*

Spain (MAYORAL & BARRANCO, 2008, 2009, 2010, 2017; WOHLTMANN, 2010; MAKOL, ARIJS & WÄCKERS, 2012) – *Erythraeus* (*Zaracarus*) *ruizporterae*, *Forania sendrai*, *Balaustium biscutalae*, *B. hernandezii*, *Phanolophus oedipodarum*; **Smarididae**: *Sphaerotarsus baenai*

Canary Islands (HAITLINGER, 2009b) – *Leptus* (*L.*) *canaricus* *L.* (*L.*) *edwini*, *L.* (*L.*) *maxorata*, *L.* (*L.*) *tenerificus*

Sweden (HAITLINGER, 2008b, 2008c) – *Erythraeus* (*E.*) *jowitae*, *Leptus trimaculatus*, *Abrolophus nymindegabicus*

Turkey (entire) (HAITLINGER, 2010b; SABOORI & COBANOGU, 2010) – *Erythraeus* (*E.*) *adanaensis*, *E.* (*E.*) *elmalicus*, *E.* (*E.*) *hilariae*, *E.* (*Zaracarus*) *budapestensis*, *E.* (*Z.*) *passidonicus*, *Nagoricanelle bella*, *Marantelophus emanueli*, *Abrolophus amilberti*, *Zhangielli* (= *Curteria*); *Zhangielli duzgunesae* Saboori et al., 2007 = *Curteria duzgunesae* (syn. by SABOORI et al., 2009)

AFRICA

Cameroon (HAITLINGER, KEKEUNOU & ŁUPICKI, 2014) – *Charletonia cameroonensis*, *Ch. justynae*

Cape Verde (HAITLINGER, 2009a, 2009c) – *Erythraeus* (*E.*) *capeverdensis*, *Leptus* (*L.*) *korneli*, *L.* (*L.*) *salicis*

Kenya (CLARK, 2014) – *Charletonia gabini*, for *Momorangia gabini* HAITLINGER, 2004

ASIA

Cambodia (HAITLINGER & ŠUNDIĆ, 2015) – **Calyptostomatidae**: *Calyptostoma giuliae*

China (LI & FAN, 1997; ZHANG, 2010; XU, YI & JIN, 2017) – **Smarididae**: *Fessonina papillosa*; **Erythraeidae**: *Marantelophus dubifurcatus*

Cyprus (HAITLINGER & ŁUPICKI, 2011) – *Erythraeus* (*Zaracarus*) *arminouensis*

India (HAITLINGER, 2007c; AGARWAL, DHIMAN & AGARWAL, 2009) – *Charletonia kovalamensis*, *Ch. lankensis*, *Leptus* sp.

Indonesia (HAITLINGER, 2010c, 2011c; HAITLINGER & ŠUNDIĆ, 2015) – **Calyptostomatidae**: *Calyptostoma marantica*; **Erythraeidae**: *Leptus* (*L.*) *sulawesicus*, *Pollux kovalamicus*

Iran (KHANJANI, UECKERMANN & UL-HASSAN, 2007; KHANJANI, MIRMOAYEDI, NAHAD & FAYAZ, 2010; SEDGHI, SABOORI, AKRAMI & HAKIMITABAR, 2010; SEDGHI, RAVAN, etc., 2010; KHANJANI, RAISI & IZADI (2011); SABOORI, 2011; HAKIMITABAR & SABOORI, 2011; AHMADI, HAJIQANBAR & SABOORI, 2012; SABOORI, AZIMI & SHIRDEL, 2012; AZIMI, SABOORI & SHIRDEL, 2011; SABOORI, SOUKHTSARAI et al., 2012; KHANJANI, MIRMOAYEDI, FAYAZ & SHARIFIAN, 2012; HAKIMITABAR, SABOORI & SEIEDY, 2013; HAKIMITABAR, GHOBARI & SABOORI, 2013; NOEI, SABOORI et al., 2013; NOEI, SABOORI & HAJIZADEH, 2013; HAKIMITABAR, SABOORI, SAMANIPOUR & JALALIZAND, 2014; MAHMOUDI et al., 2014; NOEI & SABOORI, 2015; KHADEMI, SABOORI, AHADIYAT & HAKIMITABAR, 2015; HAITLINGER, MEHRNEJAD & SUNDIĆ, 2016) – **Calyptostomatidae**: *Calyptostoma gorganica* **Smarididae**: *Fessonia papillosa*, *Smaris maraghehiensis*; **Erythraeidae**: *Eatoniana gonabadensis*, *Eatoniana plumipes* [= *Abalakeus jahromiensis*], *Charletonia baluchestanica*, *Ch. behbahanensis*, *Ch. behshahriensis*, *Ch. bojnordensis*, *Ch. shahriari*, *Ch. stekolnikovi*, *Ch. talebii*, *Ch. terianae*, *Colleboerythraeus vosoughae*, *Erythraeus* (*E.*) *adanaensis*, *E. (E.) chrysoperlae*, *E. (E.) mirabi*, *E. (E.) pistacicus*, *E. (E.) populi*, *Erythraeus* (*Zaracarus*) *hafezi*, *E. (Z.) ueckermanni* (= *hamedanicus*), *E. (Z.) coleopterus*, *E. (Z.) soleimani*, *Iraniella moharrampouri*, *Leptus dilijanensis*, *Lasioerythraeus saboorii*, *Marantelophus sanandajensis*, *Momorangia binaloudensis*, *Moldoustium haitlingeri*, *Nagoricanelia bella*

Laos (HAITLINGER, 2007c) – *Charletonia shiroyama*, *Ch. volzi*

Malaysia (HAITLINGER, 2007c) – *Charletonia volzi*

Maledives (HAITLINGER, 2007c) – *Charletonia villingensis*

Nepal (HAITLINGER, 2009e) – *Charletonia ramoni*, *Ch. kovalamensis*, *Leptus* (*L.*) *astrubali*, *L. (L.) katticus*

Pakistan (KAMRAN, 2009; KAMRAN, AFZAL, RAZA, IRFANULLAH, BASHIR & AHMAD, 2009; KAMRAN, AFZAL, BASHIR, RAZA & SAEED KHAN, 2009; KAMRAN, AFZAL & BASHIR, 2013; KAMRAN & BASHIR, 2013) – *Abrolophus alfalfus*, *A. bohadani*, *A. faisalabadensis*, *A. khanjanii*, *A. pyrillus*, *A. thripsus*, *Erythraeus* (*E.*) *layyahensis*, *E. (E.) loomerus*, *E. (E.) shojaii*,

Erythraeus (*Zaracarus*) *longipedus*, *E. (Z.) perpusillus*, *Lasioerythraeus setarius*, *Leptus aphidius*, *L. eslamizadehi*, *L. hospeticus*, *L. lugenus*, *L. nearcticus*, *L. multanensis*, *L. pakistanensis*, *Pollux jhangensis*, *P. kovalamicus* (= *P. walli*), *P. okaraensis*, *P. punctatus*, *P. workandae*

Saudi Arabia (KAMRAN & ALATAWI, 2014, 2015, 2016) – *Abrolophus rudaensis*, *Balaustium yousifi*, *Charletonia bahaensis*, *Erythraeus* (*E.*) *uhadi*, *E. (Z.) lancifer*, *Madinahustium acaciaum*, *Marantelophus emanueli*, *Nagoricanelia salehi*

Sri Lanka (HAITLINGER, 2007c) – *Charletonia kovalamensis*, *Ch. ramoni*

Thailand (HAITLINGER, 2007c) – *Charletonia shiroyama*, *Ch. volzi*

Vietnam (MAKOL et al., 2012, HAITLINGER, 2013) – *Leptus* (*L.*) *kattikus*, *L. holgeri*

Yemen (WOHLTMANN, 2010) – *Phanolophus oedipodiarum*

NORTH AMERICA

USA (ŠUNDIĆ, HAITLINGER, MICHAUD & COLARES, 2015) – *Erythraeus* (*Erythraeus*) *aphidivorous*

Alaska (MAKOL, 2010)

SOUTH and CENTRAL AMERICA

Brazil (DUNLOP, 2007; PEREIRA, FADINI, PIKART, ZANUNCIO & SERRÃO, 2012; CLARK, 2014; SALVATIERRA & ALMEIDA, 2017; HAITLINGER, ŠUNDIĆ & POMPERMAIER, 2017; COSTA, KLOMPEN, DOS SANTOS, FAVRETTO & PEPATO, 2017) – *Leptus brasiliensis*, *L. planaltensis*, *Leptus* sp., *Callidosoma selmae*, *Neomomorangia asphaerae*. Fossil: *Pararainbowia martilli*

Colombia (MUÑOZ et al., 2009, MUÑOZ-CÁRDENAS et al., 2014, FUENTES-QUINTERO, 2015) – *Balaustium leanderi*

Costa Rica (MAYORAL & BARRANCO, 2011a) – *Charletonia domawiti*, *Ch. salazari*, *Leptus nikanori*

French Guiana (MAYORAL & BARRANCO, 2011b) – *Charletonia domawiti*, *Leptus multisolenidiae*, *L. nikanori*

Guadeloupe (HAITLINGER, 2011a) – *Abrolophus aitapensis*, *Leptus cabareticus*

Trinidad (TOWNSEND et al., 2008) – *Leptus* sp.

Venezuela (HAITLINGER, 2008b) – *Lasioerythraeus cardonensis*

OCEANIA

Papua New Guinea (BERON, in prep.) – *Caeculisoma* (*Papuacaeculisoma*) *chapmani*, *C. (P.) novaeirlandiae*, *C. (C.) plantacionis*, *C. (C.) darwiniense*

New Zealand (CLARK, 2013, 2014) – *Erythrites otamahua*, *Callidosoma susanae*, *Momorangia cham-*

bersi, *Grandjeanella macfarlanei*, *Pukakia aoraki*

Hosts

Arachnida

Opiliones

Fam. Cranidae – Erythraeidae

Fam. Manaosbiidae – Erythraeidae

Fam. Phalangiidae – *Charletonia terianae*

Pseudoscorpiones

Fam. Cheliferidae – *Charletonia terianae*

Araneae

Mygalomorphae

Fam. Actinopodidae – *Leptus* sp.

Araneae indet. – *Charletonia terianae*

Insecta

Collembola

Fam. Sminthuridae undet. –

Collemborythraeus vosoughae

Orthoptera

Fam. Acrididae

Abracris flavolineata – *Charletonia domawiti*

Dociostaurus cf. *tartarus* – *Eatoniana gonabadensis*

Dociostaurus maroccanus – *Charletonia behbahanensis*

Episomacris gruneri – *Leptus multisolenidiae*

Ochrilidia sp. – *Charletonia baluchestanica*

Schistocerca nitens – *Charletonia domawiti*

Fam. Proscopiidae

Pseudoprosopia scabra – *Leptus nikanori*

Fam. Tettigoniidae

Anaulacomera sp. – *Leptus nikanori*

Neoconocephalus triops – *Charletonia domawiti*

Scopiorinus mucronatus – *Charletonia salazari*

Tettigonia sp. – *Charletonia behshahriensis*

Fam. Pyrgomorphidae

Zonocerus variegatus – *Charletonia cameroonensis*, *Ch. justynae*

Orthoptera indet.

Leptus (*L.*) *salicus*, *L.* (*L.*) *biljanae*

Mecoptera

Fam. Apteropanorpidae

Apteropanorpa tasmanica – *Leptus agrotis*

Odonata

Fam. Coenagrionidae

Ischnura hastata – *Leptus killingtoni*

Homoptera

Fam. Aphididae

Aphis craccivora – *Eatoniana gonabadensis*

Aphis sp. – *Leptus pakistanensis*

A. punicae – *Lasioerythraeus saboorii*

Melanaphis saccari – *Erythraeus* (*E.*) *aphidivorous*

Aphididae undet. – *Marantelophus sanandajensis*

Fam. Lophopidae

Pyrilla perpusilla – *Erythraeus* (*Zaracarus*) *perpusillus*

Fam. Psyllidae

Agonosцена pistaciae – *Erythraeus* (*E.*) *pistacicus*

Cacopsylla sp. – *Marantelophus dubifurcatus*

Fam. Cicadidae

Undet. – *Erythraeus* (*Zaracarus*) *hafezi*

Fam. Cicadellidae

Undet. – *Charletonia talebii*

Fam. Diaspididae

Parlatoria oleae – *Nagoricanellella bella*

Fam. Cercopidae

Undet. – *Charletonia shahriari*

Heteroptera

Fam. Pyrrhocoridae

Pyrrhocoris apterus – *Erythraeus* (*Zaracarus*) *ueckermanni* (= *hamedanicus*)

Fam. Coreidae

Cletus signatus – *Leptus* sp.

Fam. Nabidae

Undet. – *Erythraeus* (*Zaracarus*) *hafezi*

Fam. Pentatomidae

Undet. – *Eatoniana plumipes* (= *Abalakeus jahromiensis*)

Fam. Miridae

Farsiana pistaciae – *Erythraeus* (*E.*) *pistacicus*

Thysanoptera undet. – *Marantelophus sanandajensis*

Neuroptera

Fam. Chrysopidae

Chrysoperla kolthoffi – *Erythraeus* (*E.*) *chrysoperlae*, *Erythraeus* (*Zaracarus*) *soleimanii*

Undet. – *Erythraeus* (*Zaracarus*) *hafezi*

Hymenoptera

Fam. Formicidae

Lasius sp. – *Makolia crimeaensis*

Tapinoma sp. – *Forania sendrai*

Lepidoptera

Fam. Noctuidae

Apamea impedita – *Momorangia binaloudensis*

Pseudaletia unipuncta – *Leptus killingtoni*

Coleoptera

Fam. Scarabaeidae

Cyphonoxia sp. – *Erythraeus* (*Z.*) *coleopterus*

Fam. Buprestidae

Undet. – *Charletonia bojnordensis*

Fam. Tenebrionidae

Eupezus rufipes – *Charletonia justinae*

Diptera

Fam. Tachinidae

Undet. – *Erythraeus* (*Zaracarus*) *hafezi*

References

Publications on Calyptostomatoidea (suppl. 2008 – 2016 and omissions)

- GABRYŚ G., MAŁKOL J. 1997. Trombidia = Parasitengona terrestrial (Calyptostomatoidea, Erythraeoidea, Tanaupodoidea, Chyzeroidea, Trombiculoidea, Trombidioidea). In: Razowski J. (ed.), Wykaz zwierząt Polski [Checklist of Animals of Poland], Vol.IV. Wydawnictwa Instytutu Systematyki Ewolucji Zwierząt PAN, Kraków, 225 – 229.
- GABRYŚ G., MAŁKOL J., ŁAYDANOWICZ, J. 2008. Calyptostomatoidea. Pp. 140-142, 209. In: Bogdanowicz W., Chudzicka E., Pilipiuk I. and E. Skibińska (Eds), Fauna of Poland, Characteristics and checklist of species. Museum i Instytut Zoologii PAN, Warszawa, 3, 603 pp.
- HAITLINGER R. 2010a. New records of mites (Acari: Prostigmata: Calyptostomatidae, Erythraeidae, Johnstonianidae, Microtrombididae, Podothrombidiidae, Trombididae) from Estonia, Latvia and Lithuania. – Zeszyty naukowe uniwersytetu Wrocławskiego, Biologia i Hodowla zwierząt, **61**(579): 49 – 55.

Publications on Erythraeoidea (suppl. 2008 – 2016 and omissions)

- AGARWAL B.L., DHIMAN S.C., AGARWAL R. 2009. Some ecological observations on *Leptus* sp. larvae parasitizing the coreid bug, *Cletus signatus* Walker. – Journal of Experimental Zoology, India, **12**(2): 317 – 318.
- AHMADI S., HAJIQANBAR H., SABOORI A. 2012. A new species of the genus *Abalakeus* (Acari, Erythraeidae) from Iran. – Acta Zoologica Academiae Scientiarum Hungaricae, **58**(2): 169 – 176.
- ALBERTI G., MAŁKOL J. 2013. Fine structure of the urnulae of *Balaustium* mites (Actinotrichida: Erythraeidae) representing peculiar defense organs. – Arthropod Struct Dev, **42**: 483–494.
- ANTONATOS S.A., EMMANOUEL N.G. 2014. A qualitative study of Eutrombididae and Erythraeidae, ectoparasites on Orthoptera, in two grassland areas of Attica – Greece. – International Journal of Acarology, **40**: 23–30.
- ARTHUR A.L. 2010. The biology, ecology and population genetics of *Balaustium medicagoense* and *Bryobia* spp.; emerging mite pests of grains in southern Australia. PhD thesis, University of Melbourne, Australia.
- ARTHUR A.L., HOFFMANN A.A., UMINA P.A., WEEKS A.R. 2008. Emerging pest mites of grains (*Balaustium medicagoense* and *Bryobia* sp.) show high levels of tolerance to currently registered pesticides. – Animal Prod Sci, **48**: 1126–1132.
- ARTHUR A.L., WEEKS A.R., UMINA P.A., HOFFMANN A.A. 2010. Survival and reproduction of the pest mites *Balaustium medicagoense* and *Bryobia* spp. on winter grain crops. – Experimental & Applied Acarology, **52**: 141–153.
- ARTHUR A.L., WEEKS A.R., HILL M.P., HOFFMANN A.A. 2011. The distribution, abundance and life cycle of the pest mites *Balaustium medicagoense* (Prostigmata: Erythraeidae) and *Bryobia* spp. (Prostigmata: Tetranychidae) in Australia. – Australian Journal of Entomology, **50**: 22–36.
- AZIMI A., SABOORI A., SHIRDEL D. 2011. Report of *Erythraeus* (*Erythraeus*) *adanaensis* (Acari: Prostigmata: Erythraeidae) from Iran. – Journal of Entomological Society of Iran,

HAITLINGER R., ŠUNDIĆ M. 2016. Two new species of *Calyptostoma* Cambridge, 1875 (Acari: Prostigmata: Calyptostomatidae) from Cambodia and Sulawesi, Indonesia. – Systematic & Applied Acarology, **20**(8): 919 – 926.

MAŁKOL J., WOHLTMANN A. 2013. Corrections and additions to the checklist of Terrestrial Parasitengona (Actinotrichida: Prostigmata) of the World, Excluding Trombiculidae and Walchiidae. – Annales Zoologici, Warszawa, **63**(1): 359 – 562.

SABOORI A., SOUKHTSARAH N., YAZDANIAN M., GOLPAYEGANI A.Z. 2012. Fourth larval species of *Calyptostoma* (Acari: Prostigmata: Calyptostomatidae). – Systematic & Applied Acarology, **17**(1): 36–44.

ŠUNDIĆ M., HAITLINGER R. 2015. New Records of Mites (Acari: Prostigmata: Calyptostomatidae, Erythraeidae, Trombididae) from Montenegro, with a Description of a New Species. – Acta zoologica bulgarica, **67**(2): 187 – 191.

30(2): 81 – 83.

BERON P. 2008. Acarorum Catalogus I Acariformes: Calyptostomatoidea (Calyptostomatidae), Erythraeoidea (Smarididae, Erythraeidae). Pensoft & Nat. Mus. Natur. Hist. Sofia: 271 pp.

BERON P. 2011. Order Trombidiformes Reuter, 1909. In: Zhang, Z.-Q. (Ed.). Animal biodiversity: An outline of higher – level classification and survey of taxonomic richness. – Zootaxa, **3148**: 129 – 138.

BERON P. (in prep.). Zoological Results of the British Speleological Expedition to Papua New Guinea 1975. 12. Acariformes: Erythraeidae (*Caeculisoma* Berlese). – Historia naturalis bulgarica.

CLARK J.M. 2013. A new hypertrichous larval *Erythrites* (Erythraeinae) from Banks Peninsula, New Zealand. – International Journal of Acarology, **39**(5): 393 – 399.

CLARK J.M. 2014. New erythraeids (Parasitengona) from recent glacial outwash, Southern Alps, New Zealand; *Callidosoma*, *Momorangia*, *Grandjeanella*, and *Pukakia* gen. nov.; with a description of the deutonymph of *Callidosoma tiki*. – International Journal of Acarology, **40**(2): 174 – 204.

COSTA S.G., KLOMPEN H., DOS SANTOS E.B., FAVRETTO M.A., PEPATO A.R. 2017. Two new Brazilian Parasitengona larvae: *Callidosoma* Acari: Erythraeidae) parasite of Lepidoptera and *Durenia* (Acari: Trombellidae) parasite of Culicidae (Diptera), with keys to the species. – Systematic and Applied Acarology, **22**(1): 42 – 57.

FUENTES-QUINTERO L.S. 2015. El ácaro de terciopelo rojo *Balaustium leanderi*, enemigo natural de plagas agrícolas en Colombia. – Universidad Militar Nueva Granada, Bogotá, 92 pp.

FUENTES-QUINTERO L.S. et al. 2014. A RE-DESCRIPTION OF *Balaustium leanderi* comb. nov. (Actinotrichida, Erythraeidae) with first report on characteristics of all active instars and taxonomic notes on the genus. – Florida Entomologist, **97**(3): 937-951.

GABRYŚ G. 2016a. *Erythraeus gorcensis* sp. n. ov. for misidentified

- Erythraeus acis* sensu Schweizer, 1951 non Berlese, 1882 (Acari: Actinotrichida: Erythraeidae). – Annals of the Upper Silesian Museum (Bytom). Natural History, 22: 1 – 4.
- GABRYŚ G. 2016b. Commentary on synonyms within Palaearctic Erythraeidae (Acari: Actinotrichida: Parasitengona). Annals of the Upper Silesian Museum (Bytom). Natural History. [Rocznik Muzeum Górnośląskiego (Bytom), Przyroda], 22 (online),
- GABRYŚ G. 2016c. A key to postlarval Erythraeidae (Acari, Actinotrichida) of Poland. Annals of the Upper Silesian Museum (Bytom). Natural History. [Rocznik Muzeum Górnośląskiego (Bytom), Przyroda], 22 (online),
- GABRYŚ G., MAŁOŁ J. 1997. Trombidia = Parasitengona terrestrial (Calyptostomatoidea, Erythraeidea, Tanaupodoidea, Chyzerioidea, Trombiculoidea, Trombidioida). In: Razowski J. (ed.), Wykaz zwierząt Polski [Checklist of Animals of Poland], Vol.IV. Wydawnictwa Instytutu Systematyki Ewolucji Zwierząt PAN, Kraków, 225 – 229.
- GABRYŚ G., FELSKA M., KŁOSIŃSKA A., STARĘGA W., MAŁOŁ J. 2011. Harvestmen (Opiliones) as hosts of Parasitengona (Acari: Actinotrichida, Prostigmata) larvae. – The Journal of Arachnology, 39: 349–351.
- GABRYŚ G., ROLAND E. 2016. A Redescription of *Erythraeus acis* (Berlese, 1882) Non Schweizer, 1951 (Acari: Actinotrichida: Erythraeidae) with Notes on Some Related Species from the Palaearctic Region. – Annales Zoologici, 66(3): 417 – 430.
- GABRYŚ G., ROLAND E., MAŁOŁ J., LEHTINEN P.T. 2009. Erythraeidea (Acari: Prostigmata: Parasitengona) of Finland – state of knowledge and new data. – Zeszyty naukowe uniwersytetu Wrocławskiego, 572: 21 – 28.
- GRANT P.B.C., SAMWAYS M.S. 2007. Ectoparasitic mites infest common and widespread but not rare and red-listed dragonfly species. – Odonatologica, 36: 255 – 262.
- HAILTLINGER R. 2007a. New records of mites (Acari: Prostigmata: Erythraeidae, Johnstonianidae, Microtrombidiidae, Tanaupodidae, Trombidiidae) from Austria, Hungary, Italy and San Marino. – Zeszyty naukowe uniwersytetu Wrocławskiego, Biologia i Hodowla zwierząt, 55(559): 45 – 54.
- HAILTLINGER R. 2007b. New records of mites (Acari: Prostigmata: Erythraeidae) from Africa with descriptions of four new species. – Zeszyty naukowe uniwersytetu Wrocławskiego, Biologia i Hodowla zwierząt, 55(559): 55 – 69.
- HAILTLINGER R. 2007c. Three new species of larval *Charletonia* Oudemans, 1910 (Acari: Prostigmata: Erythraeidae) and the new records of *Charletonia lankensis* Southcott, 1988, *C. shiroyama* Yaita, Kato & Toriyama, 1961 and *C. volzi* (Oudemans, 1910) from Asia. – Zeszyty naukowe uniwersytetu Wrocławskiego, Biologia i Hodowla zwierząt, 55(559): 71 – 84.
- HAILTLINGER R. 2008a. New species and records of mites (Acari: Prostigmata: Erythraeidae, Johnstonianidae, Microtrombidiidae, Trombidiidae) from Moldova and Ukraine. – Biologia, Section Zoology, 63: 383 – 394.
- HAILTLINGER R. 2008b. *Lasioerythraeus cardonensis* sp.n., a new larval mite from Venezuela (Acari: Prostigmata: Erythraeidae). – Zeszyty naukowe uniwersytetu Wrocławskiego, 566: 45 – 49.
- HAILTLINGER R. 2008c. New records of mites (Acari: Prostigmata: Erythraeidae, Johnstonianidae, Trombidiidae) from west and north Europe, with the description of *Abrolophus nymindegabicus* sp.n. – Zeszyty naukowe uniwersytetu Wrocławskiego, 566: 51 – 64.
- HAILTLINGER R. 2008d. *Caeculisoma carmenae* n. sp. from Republic of South Africa (Acari: Prostigmata: Erythraeidae). – Genus, Wrocław, 19(1): 139 – 142.
- HAILTLINGER R. 2009a. Three new species of mites (Acari: Prostigmata: Erythraeidae) from the Republic of Cape Verde. – Biologia, Section Zoology, 64(6): 1150 – 1156.
- HAILTLINGER R. 2009b. Four new species of *Leptus* Latreille, 1796 (Acari: Prostigmata: Erythraeidae) from the Canary Islands. – Systematic & Applied Acarology, 14: 140 – 152.
- HAILTLINGER R. 2009c. A new genus and two new species of mites (Acari: Prostigmata: Erythraeidae, Eutrombidiidae, Trombidiidae) from Macedonia and the Republic of Cape Verde. – Zeszyty naukowe uniwersytetu Wrocławskiego, Biologia i Hodowla zwierząt, 58(572): 40 – 48.
- HAILTLINGER R. 2009d. New records of mites (Acari: Prostigmata: Erythraeidae, Eutrombidiidae, Microtrombidiidae, Podothrombidiidae, Trombidiidae) from Bulgaria, Macedonia and Romania. – Zeszyty naukowe uniwersytetu Wrocławskiego, Biologia i Hodowla zwierząt, 58(572): 49 – 60.
- HAILTLINGER R. 2009e. New records of mites (Acari: Prostigmata: Erythraeidae) from Nepal, with a description of *Leptus (Leptus) kattikus* sp. nov. – Systematic & Applied Acarology, 14: 60–64.
- HAILTLINGER R. 2010a. New records of mites (Acari: Prostigmata: Calyptostomatidae, Erythraeidae, Johnstonianidae, Microtrombidiidae, Podothrombidiidae, Trombidiidae) from Estonia, Latvia and Lithuania. – Zeszyty naukowe uniwersytetu Wrocławskiego, Biologia i Hodowla zwierząt, 61(579): 49 – 55.
- HAILTLINGER R. 2010b. New records of mites (Acari: Prostigmata: Erythraeidae, Trombidiidae) from Turkey, with descriptions of four new species. – Zeszyty naukowe uniwersytetu Wrocławskiego, Biologia i Hodowla zwierząt, 60(577): 49 – 62.
- HAILTLINGER R. 2010c. The first record of *Pollux kovalamicus* Hailtlinger, 2002 (Acari: Prostigmata: Erythraeidae) from Indonesia. – Zeszyty naukowe uniwersytetu Wrocławskiego, Biologia i Hodowla zwierząt, 60(577): 63–66.
- HAILTLINGER R. 2011a. *Charletonia postojnensis* n.sp. and the first record of *Hauptmannia podorasensis* Hailtlinger, 2007 (Acari: Prostigmata: Erythraeidae) from Slovenia. – Zeszyty naukowe uniwersytetu Wrocławskiego, Biologia i Hodowla zwierząt, 62(580): 27 – 32.
- HAILTLINGER R. 2011b. First record of *Abrolophus aitapensis* (Southcott, 1948) and *Leptus (Leptus) cabareticus* Hailtlinger, 2004 (Acari: Prostigmata: Erythraeidae) from Guadeloupe. – Zeszyty naukowe uniwersytetu Wrocławskiego, Biologia i Hodowla zwierząt, 62(580): 33 – 35.
- HAILTLINGER R. 2011c. A new genus and four new species of erythraeid mites from Indonesia, with new records of the family (Acari: Prostigmata: Erythraeidae). – Revista Ibérica de Aracnologia, 19: 47 – 54.
- HAILTLINGER R. 2011d. Two new species of larval *Erythraeus (Erythraeus)* (Acari: Prostigmata: Erythraeidae) from Sicily, Italy – Systematic & Applied Acarology, 16: 291–297.
- HAILTLINGER R. 2012a. New records of mites (Acari: Prostigmata: Erythraeidae, Trombidiidae) from Albania, Macedonia, Montenegro and Serbia, with a description of *Erythraeus (Erythraeus) albanicus* sp. nov. – Systematic & Applied Acarology, 17(3): 339 – 345.
- HAILTLINGER R. 2012b. Two new species of *Erythraeus (Zaracarus)* (Acari: Prostigmata: Erythraeidae) from Sicily – Biologia (Bratislava), 67: 137–142.
- HAILTLINGER R. 2012c. New records of mites (Acari: Erythraeidae, Microtrombidiidae, Tanaupodidae) from southern Italy,

- with descriptions of two new species. – *Persian Journal of Acarology*, **1**(1): 41–51.
- HAILTLINGER R. 2013. First record of *Leptus (Leptus) holgeri* (Acari: Prostigmata: Erythraeidae) from Vietnam, with redescription of the species. – *Persian Journal of Acarology*, **2**(3): 341–351.
- HAILTLINGER R. 2016. *Charletonia kosensis*, a new species from Kos, Greece, with notes on *C. austisensis* Haitlinger, 2007 (Acari: Erythraeidae). – *Systematic and Applied Acarology*, **21**(8): 1010.
- HAILTLINGER R., KEKEUNOU D., ŁUPICKI D. 2014. *Charletonia cameroonensis* Haitlinger & Kekeunou sp. nov. and the first record of *C. justynae* Haitlinger, 1987 (Acari: Erythraeidae) from Cameroon with redescription of the species. – *Zootaxa*, **3760**(1): 39 – 53.
- HAILTLINGER R., ŁUPICKI D. 2011a. A new species of *Erythraeus (Zaracarus)* (Acari: Prostigmata: Erythraeidae) from Cyprus. – *Acarologia*, **51**(4): 405 – 409.
- HAILTLINGER R., ŁUPICKI D. 2013a. A new species of *Abrolophus* (Acari: Prostigmata: Erythraeidae) and the first record of *Erythraeus (E.) picaforticus* from Sicily, Italy. – *Persian Journal of Acarology*, **1**(2): 41– 47.
- HAILTLINGER R., ŁUPICKI D. 2013b. *Abrolophus anzelmi* nov. sp. (Acari, (Acari: Prostigmata: Erythraeidae) from Sicily, Italy. – *Linzer Biologische Beiträge*, **45**(1): 681 – 687.
- HAILTLINGER R., ŁUPICKI D. 2015. A redescription of *Abrolophus silesiacus* (Haitlinger, 1986) with notes on some other *Abrolophus* species (Acari, Prostigmata, Erythraeidae). – *Linzer biologische Beiträge*, **47**(1): 569 – 581.
- HAILTLINGER R., MEHRNEJAD M. REZA. 2017. First record of hosts and new metric data for *Erythraeus (Erythraeus) pistacicus* Haitlinger, Mehrnejad & Šundić 2016 with notes on *Erythraeus* hosts. – *International Journal of Acarology*, **43**(4), 320-324.
- HAILTLINGER R., MEHRNEJAD R., ŠUNDIĆ M. 2016. *Erythraeus (Erythraeus) pistacicus* sp.n. (Trombidiformes: Erythraeidae) from southern Iran, and notes on three other *Erythraeus*. – *Biologia (Bratislava)*, **71**(7): 804.
- HAILTLINGER R., SABOORI A. 2008. *Charletonia behbahanensis* sp.n. and *C. bojnordensis* sp. n. from Iran (Acari: Prostigmata: Erythraeidae). – *Zesz. Nauk. Akad. Roln. Wrocl., Zootechnika*, **566**: 73 – 80.
- HAILTLINGER R., ŠUNDIĆ M. 2014a. New records of mites (Acari: Prostigmata: Erythraeidae, Microtrombidiidae, Trombidiidae) from Albania and Montenegro, with re-description of *Abrolophus kazimierae* (Haitlinger, 1986). – *Acta zoologica bulgarica*, **66**: 35 – 42.
- HAILTLINGER, R. & ŠUNDIĆ M. 2014b. *Leptus (Leptus) chiusicus* nov. sp. (Acari, Prostigmata, Erythraeidae) from Sicily, Italy. – *Linzer Biologische Beiträge*, **46**(2): 1509-1515.
- HAILTLINGER R., ŠUNDIĆ M. 2015a. New records of mites (Acari: Parasitengona: Erythraeidae, Microtrombidiidae, Trombidiidae) from Albania, Montenegro and Serbia, with notes on *Erythraeus (Zaracarus) budapestensis* Fain & Ripka, 1998. – *Linzer biologische Beiträge*, **47**(1): 583-590.
- HAILTLINGER R., ŠUNDIĆ M. 2015b. *Erythraeus (Zaracarus) tuzicus* n.sp. from Montenegro and redescription of *Erythraeus (Zaracarus) eleonorae* Haitlinger, 1987 (Acari: Prostigmata: Erythraeidae). – *Acarologia*, **55**(2): 189 – 200.
- HAILTLINGER R., ŠUNDIĆ M. 2015c. *Monteustium marezensis* gen.n., sp.n. and the first record of *Italustium eframi* (Acari: Prostigmata: Erythraeidae: Balaustiinae) from Montenegro. – *Biologia (Bratislava)*, **70**: 1108 – 1112.
- HAILTLINGER R., ŠUNDIĆ M. 2017. *Hirstiosoma amfilohijei* sp.n.(Trombidiformes: Smarididae) from Montenegro. – *Turkish Journal of Zoology*, **41**: 1611 – 1615.
- HAILTLINGER R., ŠUNDIĆ M., POMPERMAIER V. TIRELLI. 2017. Two new larval *Leptus* (Trombidiformes: Erythraeidae) from Brazil. – *Systematic and Applied Acarology*, **22**(6): 874 – 884.
- HAKIMITABAR M., GHOBARI H., SABOORI A. 2015. New ectoparasitic Abrolophine mites (Acari, Erythraeidae, *Marantelophus*) on thrips and aphids (Insecta) from Iran. – *Acta Zoologica Academiae Scientiarum Hungaricae*, **61**(3): 225 – 236
- HAKIMITABAR M., SABOORI A. 2011. *Charletonia stekolnikovii* sp. n. (Acari, Erythraeidae) from Iran. – *Vestnik Zoologii*, **45**(2): 40 – 46.
- HAKIMITABAR M., SABOORI A., SEIEDY M. 2013. A new species of larval *Charletonia* (Acari: Erythraeidae) parasitic on Arachnida from Iran. – *Systematic & Applied Acarology*, **18**(2): 163 – 176.
- HAKIMITABAR M., SABOORI A., SAMANIPOUR M., JALALIZAND A. 2014. *Charletonia behshahriensis* (Acari: Erythraeidae) from Iran with a key to species with two intercoxalae II and III. – *International Journal of Acarology*, **40**(8): 595 – 604.
- HEDGES B.Z., ROSSELOT A.E., TOMKO P.M., YODER J.A., BENOIT J.B. 2012. High temperature and dehydration tolerance of the red velvet mite, *Balaustium* sp (Erythraeidae), permit the exploitation of extremely hot, dry microhabitats. *International Journal of Acarology*, **38**: 89–95
- HOUSEWEART M. W., JENNINGS D.T., BERKETT L.P., BRANN T.B. 1980. High temperature and dehydration tolerance of the red velvet mite, *Balaustium* sp. (Erythraeidae), permit the exploitation of extremely hot, dry microhabitats. – *International Journal of Acarology*, **38**(2): 89 – 95.
- JUDSON M., MAKOL J. 2011. Pseudoscorpions (Chelonethi: Neobisiidae) parasitized by mites (Acari: Trombidiidae, Erythraeidae). – *Journal of Arachnology*, **39**(2): 345-348.
- KAMRAN M. 2009. Systematics of larval Erythraeidae (Acarina) of Punjab, Pakistan. PhD Thesis.
- KAMRAN M., ALATAWI F.J. 2014. Erythraeid mites (Prostigmata, Erythraeidae) from Saudi Arabia, description of three new species and a new record. – *ZooKeys*, **445**: 77 – 95.
- KAMRAN M., ALATAWI F.J. 2015. New species and new records of subfamily Abrolophinae (Acari: Erythraeidae) from Saudi Arabia. – *Systematic & Applied Acarology*, **20**(2): 195 – 202.
- KAMRAN M., ALATAWI F.J. 2016. A new genus of the subfamily Balaustinae (Acari: Prostigmata: Erythraeidae) from Saudi Arabia. – *Systematic and Applied Acarology*, **21**(1): 79 – 84.
- KAMRAN M., AFZAL M., BASHIR M.H., SAEED KHAN B. 2007. A new larval ectoparasite mite of genus *Hauptmannia* (Acari: Erythraeidae) from thrips in Pakistan. – *Biologia (Lahore)*, **53**(1): 9 – 13.
- KAMRAN M., AFZAL M., BASHIR M.H. 2013. A new species of Genus *Erythraeus* (Acari: Erythraeidae) from Punjab, Pakistan. – *Pakistan Journal of Zoology*, **45**(1): 35 – 39.
- KAMRAN M., AFZAL M., BASHIR M.H., RAZA A.M., SAEED KHAN B. 2009. A new species of the genus *Leptus* Latreille (Acari: Erythraeidae) parasitizing Aphids in Pakistan. – *Pakistan Journal of Zoology*, **41**(1): 17 – 20.
- KAMRAN M., AFZAL M., RAZA A.M., IRFANULLAH M., BASHIR M.H., AHMAD S. 2009. Discovery of a new larval erythraeid mite (Acari: Erythraeidae: Erythraeinae) from Punjab,

- Pakistan. – *Pakistan Journal of Zoology*, **41**(5): 357 – 361.
- KAMRAN M., AFZAL M., RAZA A.B.M. 2010. Identity of a new species of genus *Pollux* (Erythraeidae) from Pakistan. – *International Journal agric. applied Sci.*, **2**: 73-75.
- KAMRAN M., BASHIR M.H. 2011. On a New Species of Genus *Lasioerythraeus* and New Record of *Pollux workandae* Southcott (Prostigmata: Erythraeidae) from Pakistan. – *Pakistan Journal of Zoology*, **45**(3): 721-725.
- KHADEMI N., SABOORI A., AHADIYAT A., HAKIMITABAR M. 2016. A new species of the genus *Leptus* (Acari: Erythraeidae) ectoparasitic on Acrididae (Insecta: Orthoptera) from Iran. – *Biologia*, **70**(7): 929 – 934.
- KHANJANI M., MIRMOAYEDI A.-N., REZAI-NAHAD A., FAYAZ B.A. 2010. Two new larval species of *Erythraeus* (*Zaracarus*) (Acari: Erythraeidae) from western Iran. – *Zootaxa*, **2537**: 19 – 32.
- KHANJANI M., MIRMOAYEDI A.-N., FAYAZ B.A., SHARIFIAN T. 2012. Two new larval species of the genus *Erythraeus* (*Erythraeus*) (Acari: Erythraeidae) from Iran. – *Zootaxa*, **3749**: 52 – 68.
- KHANJANI M., RAISI H., IZADI H. 2011. A new record of the genus *Lasioerythraeus* Welborn & Young (Acari: Erythraeidae) from Iran and description of a new species. – *International Journal of Acarology*, **37**: 544-549.
- KHANJANI M., UECKERMANN E.A., UL-HASSAN M. 2007. A new species of the genus *Erythraeus* (Acari: Erythraeidae) from Iran. – *Pakistan Journal of Entomology*, **29**: 51 – 56.
- KŁOSIŃSKA A., FELSKA M., ŁAYDANOWICZ J., MAŁKOL J. 2009. Species composition of Parasitengona terrestria (Acari: Trombidiformes) in selected habitats of Zmigródzka Valley. – *Zeszyty naukowe Uniw. Przyr. we Wrocławiu, Biologia i Hodowla Zwierząt*, **63**(572): 73 – 83.
- ŁAYDANOWICZ J., MAŁKOL J. 2008. Species diversity of Parasitengona terrestria (Acari: Actinotrichida: Prostigmata) in a habitat influenced by anthropopressure. – *Annales Zoologici*, **58**(2): 303 – 309.
- ŁAYDANOWICZ J., MAŁKOL J. 2010. Correlation of heteromorphic life instars in terrestrial Parasitengona mites and its impact on taxonomy – the case of *Leptus molochinus* (C.L. Koch) and *L. ignotus* (Oudemans, 1903)(Acari: Actinotrichida: Prostigmata: Erythraeidae). – *Journal of Natural History*, **44**: 669 – 697.
- LORENZO-CARBALLA M.O., BEATTY C.D., HAITLINGER R., VIDECASAS A.G., UTZERI C., VIEIRA V., CORDERO-RIVERA A. 2011. Larval aquatic and terrestrial mites infesting parthenogenetic *Ichnura hastata* (Odonata: Coenagrionidae) from the Azores islands. – *Experimental & Applied Acarology*, **54**: 225 – 241.
- MAHMOUDI F., SABOORI A., SARI A., HAKIMITABAR M. 2014. A new species of larval *Erythraeus* (*Zaracarus*) (Acari: Trombidiformes: Erythraeidae) from Iran, with a key to the world species of the subgenus. – *Systematic & Applied Acarology*, **19**(1): 79 – 86.
- MAŁKOL J. 2010a. Redescription of *Erythraeus tonsus* (L. Koch, 1879) (Acari: Trombidiformes: Erythraeidae) with record on an unusual case of polymely in adult Erythraeidae collected in Alaska (USA). – *International Journal of Acarology*, **36**(3): 221 – 232.
- MAŁKOL J. 2010b. A redescription of *Balaustium murorum* (Hermann, 1804)(Acari: Prostigmata: Erythraeidae) with notes on related taxa. – *Annales Zoologici* (Warszawa), **60**(3): 439 – 454.
- MAŁKOL J., ARIJS Y., WÄCKERS F. 2012. A new species of *Balaustium* von Heyden, 1826 (Acari: Actinotrichida, Erythraeidae) from Spain. – *Zootaxa*, **3178**: 1–21.
- MAŁKOL J., FELSKA M., MONIUSZKO H., ZALEŚNY G. 2012. Redescription of *Leptus kattikus* Haitlinger, 2009 (Actinotrichida, Parasitengona, Erythraeidae) and molecular identification of its host from DNA barcoding. – *Zootaxa*, **3569**: 67 – 78.
- MAŁKOL J., GABRYŚ G., ŁAYDANOWICZ J. 2011. *Leptus phalangii* (de Geer, 1778)(Acari: Actinotrichida: Prostigmata) – redescription, ecology and taxonomic notes on its relatives. – *Annales Zoologici* (Warszawa), **61**(3): 535 – 546.
- MAŁKOL J., KŁOSIŃSKA A., ŁAYDANOWICZ J. 2011. Host–parasite interactions within terrestrial Parasitengona (Acari, Trombidiformes, Prostigmata). – *International Journal of Acarology*, **38**(1): 18-22.
- MAŁKOL J., ŁAYDANOWICZ J., KŁOSIŃSKA A. 2010. Myrmecophilous Parasitengona (Acari: Prostigmata) – accident or adaptation? – *Annales Zoologici* (Warszawa), **60**(3): 429 – 437.
- MAŁKOL J., SEVSAY S. 2015. *Abalakeus* Southcott, 1994 is a junior synonym of “plume – footed” *Eatoniana* Cambridge, 1898 (Trombidiformes, Erythraeidae) – evidence from experimental rearing. – *Zootaxa*, **3918**(1): 92 – 112.
- MAŁKOL J., WOHLTMANN A. 2012. An Annotated Checklist of Terrestrial Parasitengona (Actinotrichida: Prostigmata) of the World, Excluding Trombiculidae and Walchiidae. – *Annales Zoologici*, Warszawa, **62**(3): 359 –562.
- MAŁKOL J., WOHLTMANN A. 2013. Corrections and additions to the checklist of Terrestrial Parasitengona (Actinotrichida: Prostigmata) of the World, Excluding Trombiculidae and Walchiidae. – *Annales Zoologici*, Warszawa, **63**(1): 359 –562.
- MALABANAN J. M., CORPUZ-RAROS L.A. 1998. Mites associated with *Apis mellifera* Linnaeus and *Apis cerana* Fabricius in the southern Tagalog region, Philippines. – *Philippine Entomologist*, **12**: 123 –135.
- MAYORAL J. G., BARRANCO P. 2008. A new species of the genus *Erythraeus* Latreille, 1806 (Acari: Erythraeidae) from the Gypsum Karst of Sorbas in the south of Spain. – *Revista Iberica de Aracnologia*, **16**: 113 – 117.
- MAYORAL J. G., BARRANCO P. 2009. Description of the larva *Balaustium biscutalae* sp. n. (Acari: Erythraeidae) from the southeast of Spain. – *Biologia*, **64**(6): 1161 – 1164.
- MAYORAL J. G., BARRANCO P. 2010. The little known genus *Forania* (Acari, Prostigmata, Erythraeidae). – *Zootaxa*, **2408**: 59 – 68.
- MAYORAL J. G., BARRANCO P. 2011a. A new species of larval *Charletonia* (Parasitengona: Erythraeidae) and new records of larval Erythraeidae parasitizing Orthoptera and Phasmida from Costa Rica. – *Acarologia*, **51**: 219 – 227.
- MAYORAL J. G., BARRANCO P. 2011b. A new species of larval *Leptus* (Parasitengona: Erythraeidae) and new records of larval Erythraeidae parasitizing Orthoptera from French Guiana. – *Acarologia*, **51**(4): 411 – 417.
- MAYORAL J. G., BARRANCO P. 2017. Description of a new species of *Sphaerotarsus* (Acari: Parasitengonina: Smarididae) and new record for the fauna of Europe. – *Systematic and Applied Acarology*, **22**(5): 622 – 628.
- MCNEIL J.N., TREAT A.E. 1992. Mites associated with the true armyworm, *Pseudaletia unipuncta* (Lepidoptera: Noctuidae), in the Azores. – *International Journal of Acarology*, **18**: 143 – 144.
- MOHAMADI S., SABOORI A., HAKIMITABAR M., FALAHZADE M.

2013. Fauna of terrestrial Parasitengona (Acari: Trombidiformes) ectoparasitic on Arthropoda in Mehrez and Taft regions, Yazd Province, Iran. Program and Abstract book of the Second Intern. Persian Congress of Acarology, Karaj, Iran, p.25.
- MORTAZAVI A., HAJIQANBAR H., SABOORI A. 2012. A new larval species of *Erythraeus* (*Zaracarus*) (Acari: Erythraeidae) from southeastern Iran. – *Persian Journal of Acarology*, **1**(2): 109 – 117.
- MUÑOZ-CARDENAS K., RUEDA-RAMIREZ D., FUENTES QUINTERO L.D., CANTOR F. 2015. The Erythraeoidea (Trombidiformes: Prostigmata) as Biological Control Agents, with Special Reference to the Genus *Balaustium*. – Chapter 8, pp. 207 – 239. In: Carillo et al. (eds) Prospects for biological control of plant feeding mites and other harmful organisms, Progress in Biological Control 19.
- MUÑOZ K., FUENTES L.S., CANTOR F., RODRÍGUEZ D., CURE J.R. 2009. Preferencia alimenticia del ácaro depredador *Balaustium* sp. en condiciones controladas. – *Agronomía Colomb*, **27**: 95–103.
- MUÑOZ-CÁRDENAS K., FUENTES L.S., CANTOR F., RODRÍGUEZ D., JANSSEN A., SABELIS M.W. 2014. Generalist red velvet mite predator (*Balaustium* sp.) performs better on a mixed diet. – *Experimental & Applied Acarology*, **62**(1):19–32
- NOEI J., RABIEH M.M., SABOORI A. 2015. First record of *Momorangia* (Acari: Erythraeidae) from Asia with description of a new species. – *Systematic and Applied Acarology*, **20**(7): 789 – 798.
- NOEI J., SABOORI A., HAJIZADEH J. 2013. Fauna of terrestrial parasitengone mites (Acari: Prostigmata) in Guilan Province, Iran. In: Program & Abstract book, The 2nd Intern. Persian Congress of Acarology, 29 – 31 August 2013: 29.
- NOEI J., SABOORI A., HAJIZADEH J. 2015. A new larval species of *Charletonia* (Acari: Erythraeidae) ectoparasitic on Acrididae from Iran. – *International Journal of Acarology*, **41**(5): 442 – 447.
- NOEI J., SABOORI A., ŠUNDIĆ M., HAJIZADEH J., PEŠIĆ V. 2013. A new species and two new records of larval mites (Acari: Prostigmata: Erythraeidae, Smarididae) from northern Iran and Montenegro. – *Systematic & Applied Acarology*, **18**(3): 263 – 272.
- Noei J., Saboori A., Hakimitabar M., Hasanzvand I., Sedghi A. 2017. A new genus and species of larval Erythraeinae (Acari: Erythraeidae) ectoparasitic on Collembola from Iran. – *Systematic and Applied Acarology*, **22**(8): 1257 – 1266.
- PEREIRA A., FADINI M., PIKART T.G., ZANUNCIO J.C., SERRÃO J.E. 2012. New hosts and parasitism notes for the mite *Leptus* (Acari: Erythraeidae) in fragments of the Atlantic Forest, Brazil. – *Brazilian Journal of Biology*, **72**(3): 611 – 616.
- SABOORI A., AZIMI S., SHIRDEL D. 2012. A new species of *Charletonia* (Acari: Erythraeidae) described from larvae ectoparasitic on cercopids (Hemiptera: Cercopidae) from Iran. – *Persian Journal of Acarology*, **1**(1): 33–40.
- SABOORI A., BAGHERI M. 2011. A new species of *Smaris* Latreille, 1796 from Iran. – *Zoology in the Middle East*, **52**: 105 – 110.
- SABOORI A., ÇOBANOĞLU S. 2010. A new species of larval *Erythraeus* and a new record of larval *Grandjeanella* (Acari: Erythraeidae) from Turkey. – *International Journal of Acarology*, **36**(3): 249–253.
- SABOORI A., HOSSEINI M., AZADI M. 2007. Acari of Iran. Vol. 1. Parasitengone mites. – University of Tehran Press, 280 pp. (in Persian).
- SABOORI A., HAKIMITABAR M., MOHAMMADI S., KAZEMI SH. 2016. Modification in the diagnosis of the genus *Nagoricanelia* (Acari: Erythraeidae) with redescription of *N. bella* (Zhang, 1996). – *Systematic & Applied Acarology*, **21**(2): 245 – 254.
- SABOORI A., KHAUSTOV A., HAKIMITABAR M., HAJIQANBAR H. 2009. A new genus and species of larval Erythraeinae (Acari: Prostigmata: Erythraeidae) from Ukraine and the taxonomic state of *Zhangella*. – *Zootaxa*, **2203**: 22 – 30.
- SABOORI A., PEŠIĆ V., HAKIMITABAR M. 2008. Some terrestrial mites (Acari: Prostigmata: Parasitengona) new to the fauna of Montenegro. In: Pešić V. (ed.) The book of abstracts and programme, III International Symposium of Ecologists of Montenegro, Herceg Novi, Montenegro, p. 89.
- SABOORI A., ŠUNDIĆ M., PEŠIĆ M., HAKIMITABAR M. 2011. A new species of *Hauptmannia* (Acari: Erythraeidae) from Montenegro. – *Acarologia*, **51**(1): 61 – 68.
- SABOORI A., ŠUNDIĆ M., PEŠIĆ V., HAKIMITABAR M. 2012. Two new species of *Abrolophus* (Acari: Erythraeidae) from Montenegro. – *Zootaxa*, **3205**: 53 – 62.
- SALARZEH S., HAJIQANBAR H., TORSHIZ A.O., NOEI J. 2012. Description of a new species of the genus *Fessonina* (Acari: Prostigmata: Smarididae) from Iran. – *Revue suisse de Zoologie*, **119**(4): 409 – 415.
- SALVATIERRA L., ALMEIDA M.Q. 2017. First record of a *Leptus* Latreille mite (Trombidiformes, Erythraeidae) associated with a Neotropical trapdoor spider (Araneae: Mygalomorphae: Actinopodidae). – *Cogent Biology*, **3**: 1 – 9.
- SEDGHI A., RAVAN S., SABOORI A., HAKIMITABAR M., AKRAMI M.A. 2010. *Charletonia talebii* n. sp. from Iran (Acari, Prostigmata, Erythraeidae). – *Acarologia*, **50**(3): 335–341.
- SEDGHI A., SABOORI A., AKRAMI M., HAKIMITABAR M. 2010. Second Iranian species of the genus *Abalakeus* Southcott (Acari: Erythraeidae). – *International Journal of Acarology*, **36**(5): 431 – 436.
- SEEMAN O.D., PALMER C.M. 2011. Parasitism of *Apteropanorpa tasmanica* Carpenter (Mecoptera, Apteropanorpidae) by larval *Leptus agrotis* Southcott (Acari, Erythraeidae) and *Willungella rufusanus* sp. nov. (Acari, Microtrombidiidae). – *Zootaxa*, **2925**: 19 – 32.
- SOUTHCOTT R.V. 1997. Dismelia and other developmental abnormalities in prostigmatid mites (Acari). – *International Journal of Acarology*, **23**(2): 93 – 102.
- STÅLSTEDT J., WOHLTMANN A., BERGSTEN J., MAKOL J. 2016. Towards resolving the double classification in *Erythraeus* (Actinotrichida: Erythraeidae): matching larvae with adults using 28S sequence data and experimental rearing. – *Organisms, Diversity & Evolution*, DOI: 10.1007/s13127-016-0283-5
- ŠUNDIĆ M. 2014. New morphological data on *Balaustium nikaе* larvae and new records of mites (Acari, Prostigmata, Erythraeidae) from specimens collected in Serbia and Montenegro. – *Agriculture & Forestry, Podgorica*, **60**(3): 213 – 221.
- ŠUNDIĆ M., HAITLINGER R. 2015. New Records of Mites (Acari: Prostigmata: Calyptostomatidae, Erythraeidae, Trombidiidae) from Montenegro, with a Description of a New Species. – *Acta zoologica bulgarica*, **67**(2): 187 – 191.
- ŠUNDIĆ M., HAITLINGER R., PETANOVIĆ R., JOVICIĆ I., HAKIMITABAR M. 2015. A new species of *Erythraeus* (Erythraeidae) and new records of mites (Acari: Erythraeidae) from Serbia. – *Biologia*, **70**(6): 788 – 796.

- ŠUNDIĆ M., HAITLINGER R., MICHAUD J.P., COLARES F. 2015. A new species of *Erythraeus* (*Erythraeus*) (Acari: Prostigmata: Erythraeidae) from central Kansas. – *Acarologia*, **55**(1): 41 – 48.
- ŠUNDIĆ M., PAJOVIĆ R. 2012. Phenetic affinities among the *Erythraeus* and *Abrolophus* species from Montenegro. – *Agriculture & Forestry*, **59**(3): 47 – 57.
- ŠUNDIĆ M., PAJOVIĆ R. 2013. Redescription and new morphological data on *Charletonia bucephalia* larva (Acari: Erythraeidae) from specimens collected in Montenegro. – *Agriculture & Forestry*, **59**(4): 163 – 171.
- TASHAKOR S., HAJIQANBAR H., SABOORI A., HAKIMITABAR M. 2015. A new species of *Charletonia* from Iran. – *Spixiana*, **38**: 197–201.
- TOWNSEND JR. V.R., MULHOLLAND K.A., BRADFORD J.O., PROUD D.N., PARENT K.M. 2006. Seasonal variation in parasitism by erythraeid mites (*Leptus* sp.) upon the harvestmen *Leiobunum formosum* (Opiliones, Sclerosomatidae). – *Journal of Arachnology*, **34**: 492– 494.
- TOWNSEND V.R., PROUD D.N., MOORE M.K., TIBBETTS J.A., BURNS J.A., HUNTER R.K., LAZAROWITZ S.R., SUZANNE R., FELGENHAUER B.E. 2008. Parasitic and Phoretic Mites Associated with Neotropical Harvestmen from Trinidad, West Indies. – *Annals of the Entomological Society of America*, **101**(6): 1026–1032.
- WOHLTMANN A. 2010. Notes on the taxonomy and biology of Smarididae (Acari, Prostigmata, Parasitengona). – *Annales Zoologici*, **60**(3): 355–382
- WOHLTMANN A., MAKOL J. 2012. Morphology and life cycle of *Abrolophus norvegicus* (Thor, 1900) with notes on *Abrolophus* spp. (Actinotrichida: Prostigmata: Erythraeidae). – *Annales Zoologici*, **62**(1): 69 – 97.
- WOHLTMANN A., MAKOL J., GABRYŚ G. 2007. Description of the larva of *Curteria* Southcott, 1961 (Acari, Parasitengona, Erythraeidae) with notes on biology and life cycle. – *Biologia*, Bratislava, **62**(5): 573 – 580.
- XU SI-YUAN, YI TIAN-CI, JIN DAO-CHAO. 2017. A new species of larval *Marantelophus* (Acari: Prostigmata: Erythraeidae) parasitic on insects from China. – *Systematic and Applied Acarology*, **22**(7): 1012 – 1021.
- YAZDANPANAH S., SABOORI A., HAKIMITABAR M. 2016. Description of a new species of *Sphaerotarsus* Womersley (Acari: Trombidiformes: Smarididae) based on larvae from Iran. – *Systematic & Applied Acarology*, **21**(7): 868 – 877.
- YODER J. A., HEYDINGER D.J. 2011. Proliferation of red velvet mite *Balaustium* sp. nr. *putmani* (Erythraeidae) in Ohio based on water relations of active instars. – *International Journal of Acarology*, **37**(sup.1): 166.
- YODER J. A., BENOIT J.B., RELLINGER E.J., ARK J.T., HALLORAN M.C., GRIBBINS K.M. 2006. Structure and function of the urnulae in *Balaustium* sp. (Parasitengona: Erythraeidae) featuring secretion of a defensive allomone and alarm pheromone. – *International Journal of Acarology*, **32**(1): 3– 12.
- YODER J. A., CONDON M.R., HART C.E., COLLIER M.H., PATRICK K.R., BENOIT J.B. 2010. Use of an alarm pheromone against ants for gaining access to aphid/scale prey by the red velvet mite *Balaustium* sp. (Erythraeidae) in a honeydew-rich environment. – *The Journal of Experimental Biology*, **213**: 386 – 392.
- ZHANG Z.-Q. 2010. Terrestrial Parasitengona (except chiggers) in China: a review of progress in systematics and biology, with a checklist of species. – *Zoosymposia* 4: 94 – 105.

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- BARTEL C., KONIKIEWICZ M., MAKOL J., WOHLTMANN A., DUNLOP J.A. 2015. Smaridid mites in Baltic and Bitterfeld Amber, with notes on the fossil record of terrestrial parasitengona (Trombidiformes: Prostigmata). – *Annales Zoologici*, **65**: 641 – 659.
- DUNLOP J. 2007. A large parasitengonid mite (Acari, Erythraeoidea) from the Early Cretaceous Crato Formation of Brazil. – *Fossil Record*, Berlin, **10**(2): 91 – 98.
- KONIKIEWICZ M., WOHLTMANN A., MAKOL J. 2016. The first fossil *Calyptostoma* Cambridge, 1875 (Actinotrichida: Prostigmata: Calyptostomatidae) from Baltic Amber. – *Annales Zoologici*, **66**(2): 337 – 344.
- KONIKIEWICZ M., WOHLTMANN A., MAKOL J. 2016. The first fossil *Calyptostoma* Cambridge, 1875 (Actinotrichida: Prostigmata: Calyptostomatidae) from Baltic Amber. – *Annales Zoologici*, **66**(2): 337 – 344.

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Acarorum Catalogus I – Първо допълнение (2008–2016)

Петър БЕРОН

(Резюме)

След публикуването на първия том на *Acarorum Catalogus* (BERON, 2008), бяха публикувани много нови данни за надсем. Calyptostomatoidea и Erythraeoidea (Erythraeidae, Smarididae) от мен и от мнозина полски, германски, ирански, черногорски, пакистански, испански и други колеги. Бяха описани нови таксони и извършени таксономични промени, както и допълнения в географското разпространение на тези акари. Бяха добавени 10 нови рода и повече от 120 нови вида, някои видове и 7 рода отпаднаха като синоними. Вследствие на това беше актуализиран броят на родовете и видовете в семействата: един род и девет вида Calyptostomatidae, 10 рода и 56 вида Smarididae и 57 рода и повече от 850 вида Erythraeidae. Библиографията на настоящото първо допълнение на Католага включва 166 нови и пропуснати заглавия за периода 2008-2016 (някои от тях през 2017 г.).