

An analysis of and index to new Acari described in *Systematic & Applied Acarology* (1996–2007)

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Abstract

This paper provides an analysis of and index to new Acari described in *Systematic & Applied Acarology* during the last twelve years (1996–2007). A total of 336 papers was published during this period, with taxonomic papers accounting for 60%. Among the 208 taxonomic papers, 143 papers (68.8%) contain descriptions of new taxa or new names. These papers contain a total of 264 new taxa (new names), with three families, 31 genera/subgenera and 230 species. Among these, only two are new species names proposed for previously occupied homonyms; all others are newly established taxa. Most new taxa/names (85.2%) are of the Acariformes. Among the 225 new taxa (new names) of the Acariformes, most (93.3%) are of the Trombidiformes. New taxa/names are distributed in 40 families of Trombidiformes, 10 families of Sarcoptiformes and 7 families of Mesostigmata. Most families have only one to three new taxa/names: 19 families with 1 new taxon, 13 families with 2 new taxa, and 6 families with 3 new taxa. There are 116 authors for new taxa/names, with an average of two taxa/names per author (maximum 37, minimum 1). Most authors (70%) described one to three new taxa/names each: 38 authors with 1 new taxon, 31 authors with 2 new taxa, and 12 authors with 3 new taxa. Geographically, these authors are from 22 countries in Asia, Africa, Australasia, Europe, South America and North America, with a strong representation by authors in the Asia-Pacific region.

Key words: new taxa, new names, survey, historic trends, taxonomic literature

Introduction

Systematic & Applied Acarology (SAA) was founded in 1996 and has been continually published since. It was issued annually during the first ten years, during which an average of 53 authors from 12 countries published on average 27 papers each with an average of 21 new taxa in 202 pages each year (Zhang 2005). SAA was a primarily a journal of systematic acarology, because 64% of the papers published during the first decade were on systematics, morphology and evolution (Zhang 2005).

In the last two years, the frequency of publication of SAA was increased to semiannual in 2006 and quarterly in 2007, allowing more papers (31.5 papers in 251 pages per year during 2006–2007 versus 27.3 papers in 202 pages per year during 1996–2005) to be published more rapidly (Zhang 2008). In addition to the increase of number of authors (69 per year during 2006–2007 versus 53 per year during 1996–2005), there was also an increase in the diversity of authors from different countries during the last two years (18 countries per year during 2006–2007 versus 12 countries per year during 1996–2005) and the increased degree of international collaboration in papers published in the last two years (Zhang 2008). As a result, SAA has become increasingly international.

The purpose of this paper is to provide an analysis of and index to new Acari described/named in this international journal of systematic acarology during the last twelve years. Article 8

(Recommendation 8A) of the *International Code of Zoological Nomenclature* (The International Commission on Zoological Nomenclature 1999) urges authors and editors to ensure that new scientific names and other nomenclatural acts are made widely known. This paper is written with this purpose in mind and will be provided free online for open access to ensure wide dissemination.

Analyses of papers, new taxa and authors

Number of papers and new taxa by year of publication

A total of 336 papers was published in SAA during 1996–2007, with taxonomic papers accounting for 60% (Table 1). Over the years, the journal has become increasingly more ‘taxonomic’ in that the proportion of taxonomic papers was on average less than 50% (also each year less than 60%) during the first four years but exceeded 60% each year in the last eight years (Fig. 1).

Among the 208 taxonomic papers, 143 papers (68.8%) contain descriptions of new taxa or new names (Table 1). The temporal pattern shows two obvious peaks in the proportion of taxonomic papers with new taxa or new names—volume 6 in 2001 and volume 11 in 2006 (Fig. 2).

TABLE 1. A summary of number of papers and new mite taxa published in *Systematic & Applied Acarology* during 1996–2007.

Year	Number of articles*			Number of new taxa (names)			
	All	Taxonomic	With new taxa	Total	Family-group	Genus-group	Species-group
1996	28	16	9	18	0	2	16
1997	41	20	14	15	0	0	15
1998	32	12	9	14	2	1	11
1999	29	15	12	30	0	12	18
2000	24	18	14	27	0	2	25
2001	30	19	16	35	0	2	33
2002	23	14	10	19	1	4	14
2003	20	12	6	10	0	0	10
2004	28	22	14	24	0	1	23
2005	18	14	10	19	0	3	16
2006	28	23	17	35	0	3	32
2007	35	23	12	18	0	1	17
Total	336	208	143	264	3	31	230

* Including full length research papers, short notes and editorials.

During 1996–2007, a total of 264 new taxa (new names) was described in 143 papers, with three families, 31 genera/subgenera and 230 species. Among these, only two are new species names proposed for previously occupied homonyms; all others are newly established taxa.

The number of new taxa each year varied greatly with two peaks—volume 6 in 2001 and volume 11 in 2006 (Fig. Table 1). On average, there were 22 new taxa described each year.

Taxonomic distribution of new taxa

The distribution of new taxa/names is extremely uneven among different higher taxa (Table 2). Among the 264 new taxa (new names), most (85.2%) are of the Acariformes. Among the 225 new

taxa (new names) of the Acariformes, most (93.3%) are of the Trombidiformes. New taxa/names are distributed in 40 families of Trombidiformes, 10 families of Sarcoptiformes and 7 families of Mesostigmata (Table 2). The top ten families (with number of new taxa/names in parenthesis) are Erythraeidae (49), Phytoseiidae (25), Walchiidae (22), Tarsonemidae (16), Eriophyidae (11), Stigmaeidae (11), Cunaxidae (8), Trombidiidae (8), Diptilomiopidae (7), and Trombiculidae (6). The Camerobiidae shares with Trombiculidae in having six new taxa, but the former has two new genera and four new species while the latter has six new species. These families combined account for 64% of the all new taxa/names described. Most families have only one to three new taxa/names: 19 families with 1, 13 families with 2, 6 families with 3.

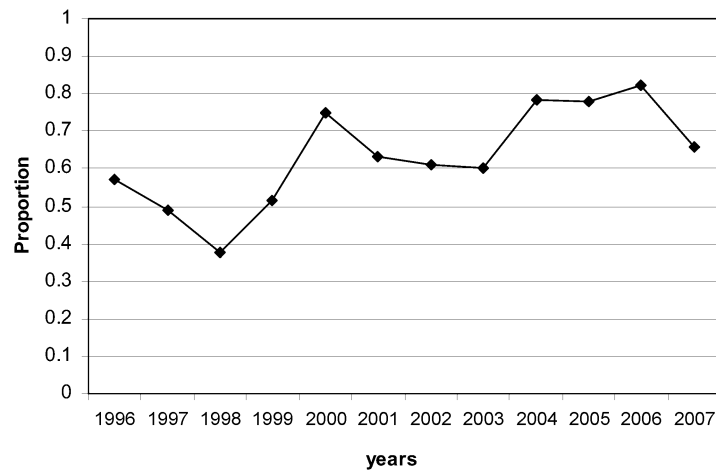


FIGURE 1. Proportion of taxonomic papers published in *Systematic & Applied Acarology* during 1996–2007.

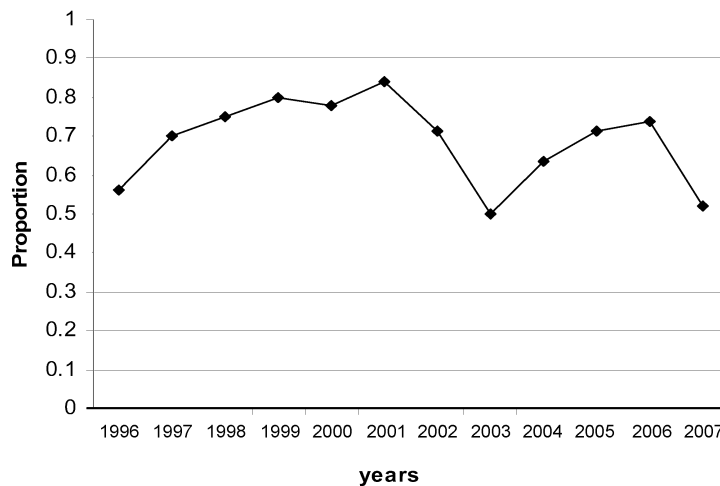


FIGURE 2. Proportion of taxonomic papers with new taxa published in *Systematic & Applied Acarology* during 1996–2007.

Author contributions

There are 116 authors for new taxa/names (see Author index for full details). This translates to 2.3 taxa/names per author. The top ten authors are: R. Haitlinger of Poland (37), A. Saboori of Iran (30), T.-H. Wen of China (27), Z.-Q. Zhang of New Zealand (23), J.-Z. Lin of China (22), Q.-H. Fan

of China (20), G.J. de Moreas of Brazil (19), M.G.C. Gondim Jr of Brazil (15), V. Pesic of Serbia and Montenegro (13), and A. Goldarazena of Spain (11). Most authors (70%) described one to three new taxa/names each: 38 authors with 1 new taxon, 31 authors with 2 two new taxa, and 12 authors with 3 new taxa.

TABLE 2. Taxonomic distribution of new mite taxa published in *Systematic & Applied Acarology* during 1996–2007.

Higher taxa	Number of new taxa (names)			
	Total	Family-group	Genus-group	Species-group
Acariformes	225	3	29	193
Trombidiformes	210	3	28	179
Amphotrombiidae	3	1	1	1
Anisitsiellidae	1	-	-	1
Axonopsidae	1	-	-	1
Barbutiidae	2	-	-	2
Camerobiidae	6	-	-	6
Cheyletidae	2	-	-	2
Crotalomorphidae	3	1	1	1
Cunaxidae	8	-	-	8
Diptilomiopidae	7	-	1	6
Eriophyidae	11	-	-	11
Erythraeidae	49	-	-	49
Eutrombidiidae	3	-	-	3
Hydryphantidae	2	-	-	2
Hygrobatidae	3	-	-	3
Johnstonianidae	2	-	-	2
Leeuwenhoekiiidae	2	-	-	2
Limnesiidae	1	-	-	1
Mecognathidae	1	1	-	-
Microtrombidiidae	4	-	2	2
Neothrombidiidae	5	-	2	3
Phytoptidae	1	-	-	1
Podapolipidae	5	-	-	5
Pontarachnidae	1	-	-	1
Pseudocheylidae	2	-	-	2
Pterygosomatidae	1	-	-	1
Pyemotidae	1	-	-	1
Raphignathidae	4	-	-	4
Sperchontidae	2	-	-	2
Stigmaeidae	11	-	-	11
Tarsonemidae	16	-	-	16

.....to be continued

TABLE 2. (continued)

Higher taxa	Number of new taxa (names)			
	Total	Family-group	Genus-group	Species-group
Teneriffiidae	1	-	-	1
Tenuipalpidae	4	-	-	4
Tetranychidae	4	-	-	4
Torrenticolidae	1	-	-	1
Trombellidae	1	-	-	1
Trombiculidae	6	-	2	4
Trombidiidae	8	-	1	7
Unionicolidae	1	-	-	1
Walchiidae	22	-	17	5
Xenocaligonellidae	2	-	1	1
Sarcoptiformes	15	0	1	14
Canestriniidae	1	-	-	1
Carabodidae	1	-	-	1
Epilohmanniidae	2	-	-	2
Glycyphagidae	1	-	-	1
Heterocoptidae	2	-	1	1
Lohmanniidae	2	-	-	2
Oppiidae	2	-	-	2
Psorergatidae	1	-	-	1
Tegoribatidae	2	-	-	2
Zetomotrichidae	1	-	-	1
Parasitiformes	39	0	2	37
Mesostigmata	39	0	2	37
Ameroseiidae	1	-	-	1
Ascidae	1	-	-	1
Laelapidae	4	-	-	4
Macronyssidae	3	-	-	3
Otopheidomenidae	2	-	1	1
Phytoseiidae	25	-	-	25
Trachytidae	3	-	1	2

Geographically, the authors are distributed among the following countries or regions (number of authors in parenthesis): China (39), Iran (17), Brazil (8), USA (8), India (5), Pakistan (5), Poland (5), Spain (4), Australia (3), Canada (3), Turkey (3), Lebanon (2), The Netherlands (2), South Africa (2), UK (2), Cape Verde (1), Hong Kong (1), Israel (1), Japan, (1), Malaysia (1), Mongolia (1), New Zealand (1), Serbia and Montenegro (1). Authors from the Asia-Pacific region are strongly represented.

Lists of new family, genus and species-group taxa

New taxa are listed alphabetically within each group. For each new family name, the following information is given: scientific name, author, year of publication, first page of formal description, type genus designation (in parenthesis), and the mite order to which it belongs. For each new genus (subgenus) name, the following information is given: scientific, author, year of publication, first page of formal description, type species designation (in parenthesis), and the mite family to which it belongs. For each new species name, the following information is given: scientific name, author, year of publication, first page of formal description, number of figures (in parenthesis) and the mite family to which it belongs.

Family-group taxa

- Amphotrombiidae Zhang, 1998: 161 (type genus by original designation *Amphotrombium* Zhang, 1998)—Acariformes
Crotalomorphidae Lindquist & Krantz, 2002: 130 (type genus by original designation *Crotalomorpha* Lindquist & Krantz, 2002)—Acariformes
Mecognathidae Gerson & Walter, 1998: 145 (type genus by original designation *Mecognatha* Wood, 1967)—Acariformes

Genus-group taxa

- Acroseius* Błoszyk, Halliday & Dylewska, 2005: 41 (type species by original designation *Polyaspinus tuberculatus* Womersley, 1961)—Trachytidae
Amarucoptes Haitlinger, 2001: 112 (type species by original designation *Amarucoptes busannae* Haitlinger, 2001)—Heterocoptidae
Amphotrombium Zhang, 1998: 161 (type species by original designation *Amphotrombium jenseni* Zhang, 1998)—Amphotrombiidae
Crotalomorpha Lindquist & Krantz, 2002: 133 (type species by original designation *Crotalomorpha camini* Lindquist & Krantz, 2002)—Crotalomorphidae
Duplimedia Wen, 2006: 253 (type species by original designation *Gahrliepia armigera* Fernandes & Kulkarni, 2003)—Walchiidae
Duplisetia Wen, 1999: 174 (type species by original designation *Gahrliepia gemina* Traub & Morrow, 1955)—Walchiidae
Duplisetia (Starkia) Wen, 1999: 175 (type species by original designation *Gahrliepia starki* Lakshana & Dohany, 1972)—Walchiidae
Echinopsis Fan & Chen, 1996: 126 (type species by original designation *Echinopsis fukiensis* Fan & Chen, 1996)—Xenocaligonellidae
Leptotrombidium (Monosignum) Wen, 2001: 189 (type species by original designation *Leptotrombidium (Monosignum) zhongi* Wen, 2001)—Trombiculidae
Montenegtrombium Saboori & Pesic, 2006: 231 (type species by original designation *Montenegtrombium milicae* Saboori & Pesic, 2006)—Microtrombidiidae
Nadchatramia Wen, 1999: 174 (type species by original designation *Gahrliepia micropotamogalei* Nadchatram & Puylaert, 1987)—Walchiidae
Neohoderus Chen, Wei & Qin, 2004: 69 (type species by original designation *Neohoderus choerospondias* Chen, Wei & Qin, 2004)—Diptilomiopidae
Nepaliella Wen, 1999: 173 (type species by original designation *Schoengastiella unsternala* Nadchatram & Fernandes, 1989)—Walchiidae
Opiliotrombium Zhang & Fan, 2005: 156 (type species by original designation *Opiliotrombium*

akatarawa Zhang & Fan, 2005)—Neothrombiidae
Orthopterozeius Mo, 1996: 201 (type species by original designation *Orthopterozeius sinicus* Mo, 1996)—Otopheidomenidae
Oskootrombium Saboori, Bagheri & Haddad in Saboori *et al.*, 2006: 247 (type species by original designation *Oskootrombium prasadi* Saboori, Bagheri & Haddad, 2006)—Trombidiidae
Parvisetia Wen & Cui, 2000: 165 (type genus by original designation *Gahrlipeia parviseta* Nadchatram, 1989)—Walchiidae
Ripiaspichia (*Cupiaspichia*) Wen, 1999: 172 (type species by original designation *Gahrlipeia cupa* Traub & Evans, 1957)—Walchiidae
Ripiaspichia (*Parmulichia*) Wen, 1999: 172 (type species by original designation *Gahrlipeia parmulaseta* Brown, 1997)—Walchiidae
Ripiaspichia (*Suzukia*) Wen, 1999: 172 (type species by original designation *Walchia sawaii* Suzuki, 1975)—Walchiidae
Scrobiculata (*Squamulata*) Wen & Cui, 2000: 167 (type genus by original designation *Gahrlipeia decora* Womersley, 1952)—Walchiidae
Southcottella Saboori, 2002: 185 (type species by original designation *Southcottella nematii* Saboori, 2002)—Neothrombiidae
Tanautarsala Brown, 2007: 223 (type species by original designation *Tanautarsala callithrix* Brown, 2007)—Trombiculidae
Walchia (*Breviaspichia*) Wen, 1999: 171 (type species by original designation *Walchia ogatai* Sasa & Teramura, 1951)—Walchiidae
Walchia (*Disparunguia*) Wen, 1999: 171 (type species by original designation *Schoengastiella disparunguis* Oudemans, 1929)—Walchiidae
Walchia (*Goffia*) Wen, 1999: 171 (type species by original designation *Walchia lorentzi* Goff, 1984)—Walchiidae
Walchia (*Traudia*) Wen, 1999: 180 (type species by original designation *Walchia traubobi*, Wen, 1999)—Walchiidae
Walchia (*Ventralia*) Wen, 1999: 171 (type species by original designation *Walchia huensis* Wen, 1984)—Walchiidae
Walchia (*Wenia*) Wen, 2002: 195 (type species by original designation *Walchia acugastia* Wen, Yu & Yang, 1984)—Walchiidae
Walchia (*Zhangzia*) Wen, 2002: 199 (type species by original designation *Walchia cordiopelta* Wen & Xiang, 1984)—Walchiidae
Yemenitrombium Saboori, Ueckermann & Harten, 2005: 163 (type species by original designation *Yemenitrombium nairae* Saboori, Ueckermann & Harten, 2005)—Microtrombidiidae

Species group taxa

Abrolophus iraninejadi Saboori & Hajiqanbar, 2005: 149 (figs 1–7)—Erythraeidae
Abrolophus mirabelae Haitlinger, 2007: 57 (figs 1–8)—Erythraeidae
Abrolophus neobrevicollis Zhang & Goldarazena, 1996: 127 (figs 1–8)—Erythraeidae
Abrolophus unimiri Haitlinger, 2006: 84 (figs 1–8)—Erythraeidae
Abrolophus welbourni Yao, Snider & Snider, 2000: 150 (figs 1–11)—Erythraeidae
Aceria cordata Navia, 1999: 137 (figs 1–7)—Eriophyidae
Aceria pintoii Ferreira & Flechtmann, 1997: 185 (figs 15–22)—Eriophyidae
Aceria yunnanensis Dong & Hong, 1998: 199 (replacement name for *Eriophyes artemisia* Xin & Dong, 1982)—Eriophyidae
Acroseius womersleyi Błoszyk, Halliday & Dylewska, 2005: 48 (figs 15–40)—Trachytidae
Allothrombium monochaetum Goldarazena & Zhang, 1997: 220 (figs 1–6)—Trombidiidae
Allothrombium polikarpi Haitlinger, 2006: 116 (figs 41–48)—Trombidiidae

Amarucoptes busannae Haitlinger, 2001: 113 (figs 1–13)—Heterocoptidae
Amblyseius dicircellatus Wu & Ou, 1999: 107 (figs 16–19)—Phytoseiidae
Amphotrombium jenseni Zhang, 1998: 162 (figs 1–21)—Amphotrombiidae
Amblyseius euterpes Guedes, Gondim & Moraes, 2001: 68 (figs 1–4)—Phytoseiidae
Amblyseius geonomae Guedes, Gondim & Moraes, 2001: 69 (figs 5–9)—Phytoseiidae
Amblyseius igarassuensis Guedes, Gondim & Moraes, 2001: 71 (figs 10–14)—Phytoseiidae
Amblyseius neopascalii Wu & Ou, 2001: 103 (figs 7–12)—Phytoseiidae
Amblyseius tenuis Wu & Ou, 2001: 103 (figs 1–6)—Phytoseiidae
Ameroseius qinghaiensis Li & Yang, 2000: 65 (figs 1–10)—Ameroseiidae
Andrevella persiangulfia Saboori, Hajiqanbar & Kamali, 2007: 48 (figs 1–9)—Erythraeidae
Annectacarus hammerae Shiji, Haq & Ramani, 2007: 230 (figs 1–6)—Lohmanniidae
Anoplocheylus brevisetosus Ueckermann & Khanjani, 2004: 59 (figs 12–14)—Pseudocheylidae
Anoplocheylus malayeriensis Ueckermann & Khanjani, 2004: 55 (figs 1–7)—Pseudocheylidae
Asperoseius paraheveae Wu & Ou, 2002: 125 (figs 11–15)—Phytoseiidae
Atractides caspicus Pesic, Dinipour, Vafaei & Saboori, 2007: 217 (figs 1–5)—Hygrobatidae
Atractides garhwali Pesic, Kumar & Kumar, 2007: 162 (figs 10–17)—Hygrobatidae
Austroteneriffia kamalii Ueckermann & Khanjani, 2002: 168 (figs 1–14)—Teneriffiidae
Axonopsis (Vicinaxonopsis) caspica Pesic & Saboori *in* Pesic *et al.*, 2006: 214 (figs 7–14)—
 Axonopsidae
Balaustium innocentae Haitlinger, 2006: 95 (figs 46–54)—Erythraeidae
Balaustium zhangii Saboori, 2001: 171 (figs 1–16)—Erythraeidae
Barbutia australia Fan, Walter & Proctor, 2003: 112 (figs 1–41)—Barbutiidae
Barbutia longinqua Fan, Walter & Proctor, 2003: 125 (figs 42–51)—Barbutiidae
Boetophela cassandrae Haitlinger & Chmielewski, 2004: 196 (figs 1–6)—Canestriniidae
Brevipalpus sahi Hasan, Wakil & Bashir, 2004: 104 (fig. 1)—Tenuipalpidae
Brevipalpus tiwanensis Hasan, Wakil & Bashir, 2004: 105 (fig. 2)—Tenuipalpidae
Calepitrimerus litseae Wei, Feng & Huang, 1999: 147 (figs 17–24)—Eriophyidae
Caligohomus durus Fan & Walter, 2004: 82 (figs 4–6, pl. 1)—Stigmaeidae
Carastrum sanurensis Haitlinger, 2006: 220 (figs 1–8)—Erythraeidae
Charletonia kalithensis Haitlinger, 2006: 108 (figs 1–8)—Erythraeidae
Charletonia lombokensis Haitlinger, 2006: 222 (figs 9–19)—Erythraeidae
Charletonia samosensis Haitlinger, 2006: 110 (figs 9–19)—Erythraeidae
Cheletonella juglandis Xia, Zhu & Ye, 1999: 150 (figs 1–3)—Cheyletidae
Chrysolobia oneili Moraes, Husband & Lofego, 1999: 131 (figs 1–13)—Podapolipidae
Crotalomorpha camini Lindquist & Krantz, 2002: 136 (figs 1–13)—Crotalomorphidae
Cryptacarus keralensis Shiji, Haq & Ramani, 2007: 232 (figs 7–12)—Lohmanniidae
Cunaxa jatoiensis Bashir & Afzal, 2006: 64 (figs 1–6)—Cunaxidae
Daidalotarsonemus cornus Lin, Chen & Zhang, 1998: 139 (fig. 2)—Tarsonemidae
Daidalotarsonemus digital Lin, Chen & Zhang, 1998: 137 (fig. 1)—Tarsonemidae
Daidalotarsonemus duolamella Lin, Chen & Zhang, 1998: 141 (fig. 3)—Tarsonemidae
Dendroptus tricollis Lin & Chen *in* Lin *et al.*, 2004: 142 (figs 1–6)—Tarsonemidae
Diplothrombium zbigniewi Haitlinger, 2001: 179 (figs 1–7)—Johnstoniidae
Diptacus liangfengjiangensis Chen, Wei & Qin, 2004: 75 (figs 15–20)—Diptilomiopidae
Diptilomiopus acronychia Chen, Wei & Qin, 2004: 72 (figs 11–14)—Diptilomiopidae
Diptilomiopus combreti Wei & Lu, 2001: 117 (figs 8–15)—Diptilomiopidae
Diptilomiopus illicii Wei & Lu, 2001: 115 (figs 1–7)—Diptilomiopidae
Echinopsis fukiensis Fan & Chen, 1996: 124 (figs 1–7)—Xenocaligonellidae
Epilohmannia shtanchaevae Bayartogtokh, 2000: 199 (figs 30–36)—Epilohmanniidae
Epilohmannia spathuloides Bayartogtokh, 2000: 196 (figs 23–29)—Epilohmanniidae
Epirimerus ipomoeae Wei, Feng & Huang, 1999: 143 (figs 1–8)—Eriophyidae

Erythraeus (Erythraeus) berninensis Haitlinger, 2007: 62 (figs 9–18)—Erythraeidae
Erythraeus (Erythraeus) garmsaricus Saboori, Goldarazena & Khajeali, 2004: 168 (figs 14–23)—
 Erythraeidae
Erythraeus (Erythraeus) hypertrichotus Saboori, Goldarazena & Khajeali, 2004: 163 (figs 1–13)—
 Erythraeidae
Erythraeus (Erythraeus) kacperi Haitlinger, 2004: 158 (figs 1–8)—Erythraeidae
Erythraeus (Erythraeus) moeritzensis Haitlinger, 2007: 66 (figs 19–29)—Erythraeidae
Erythraeus (Erythraeus) yangshounicus Haitlinger, 2006: 86 (figs 9–19)—Erythraeidae
Erythraeus (Erythraeus) zhangi Haitlinger, 2006: 88 (figs 20–30)—Erythraeidae
Erythraeus (Zaracarus) iranicus Saboori & Akrami, 2001: 159 (figs 1–11)—Erythraeidae
Erythraeus (Zaracarus) kastaniensis Haitlinger, 2006: 111 (figs 20–30)—Erythraeidae
Erythraeus (Zaracarus) kharrazii Saboori, 2000: 125 (figs 1–7)—Erythraeidae
Erythraeus (Zaracarus) passidonicus Haitlinger, 2006: 114 (figs 20–30)—Erythraeidae
Erythraeus (Zaracarus) rajabii Saboori, 2000: 127 (figs 8–17)—Erythraeidae
Erythraeus preciosus Goldarazena & Zhang, 1998: 153 (figs 6–10, 12)—Erythraeidae
Erythraeus shojaii Saboori & Babolmorad, 2000: 119 (figs 1–10)—Erythraeidae
Erythraeus southcotti Goldarazena & Zhang, 1998: 149 (figs 1–5, 11)—Erythraeidae
Euseius tikriti Bayan, Merheb, 2006: 51 (fig. 1)—Phytoseiidae
Eustigmaeus erciyensis Doğan, Ayyildiz & Fan, 2003: 132 (figs 1–21)—Stigmaeidae
Eustigmaeus sculptus Doğan, Ayyildiz & Fan, 2003: 139 (figs 22–29)—Stigmaeidae
Eutrombidium djordjevici Saboori & Pesic, 2006: 237 (figs 1–8)—Eutrombidiidae
Eutrombidium sepasgosariani Saboori, Nemati & Mosaddegh, 2000: 183 (figs 1–7)—
 Eutrombidiidae
Eutrombidium sorbasiensis Mayoral & Barranco, 2004: 183 (figs 1–6)—Eutrombidiidae
Fungitarsonemus kawakawa Lin & Zhang, 2005: 85 (figs 1–12)—Tarsonemidae
Fungitarsonemus kerikeri Lin & Zhang, 2005: 98 (figs 25–36)—Tarsonemidae
Fungitarsonemus kohia Lin & Zhang, 2005: 91 (figs 13–24)—Tarsonemidae
Fungitarsonemus tawa Lin & Zhang, 2005: 105 (figs 37–42)—Tarsonemidae
Galendromimus paulista Zacarias & Moraes, 2001: 97 (fig. 2)—Phytoseiidae
Gamasellodes tatricus Gwiazdowicz & Walter, 2005: 62 (figs 1–5)—Ascidae
Gareria taiwanensis Wen, 2000: 173 (figs 1–5)—Walchiidae
Grallacheles nanfengensis Xia, Ye & Zhu, 1997: 173 (figs 1–3)—Cheyletidae
Grandjeanella bella Zhang & Goldarazena, 1996: 138 (figs 17–24)—Erythraeidae
Grandjeanella haitlingeri Goldarazena & Zhang, 1997: 231 (figs 1–8)—Erythraeidae
Grandjeanella multisetosa Zhang & Goldarazena, 1996: 133 (figs 9–16)—Erythraeidae
Hirstiella diolii Baker, 1998: 183 (figs 1–24)—Pterygosomatidae
Hygrobates gangeticus Pesic, Kumar & Kumar, 2007: 162 (figs 1–9)—Hygrobatidae
Hypoaspis (Cosmolaelaps) hefeiensis Xu & Liang, 1996: 193 (figs 17–23)—Laelapidae
Hypoaspis (Cosmolaelaps) reticulatus Xu & Liang, 1996: 191 (figs 9–16)—Laelapidae
Hypoaspis (Geolaelaps) postreticulatus Xu & Liang, 1996: 189 (figs 1–8)—Laelapidae
Iphiseiodes setillus Guedes, Gondim & Moraes, 2001: 75 (figs 15–19)—Phytoseiidae
Johnstoniana rudolphi Haitlinger, 2006: 101 (figs 62–68)—Johnstonianidae
Knorella geonomae Gondim, Flechtmann & Moraes, 2000: 105 (fig. 3)—Eriophyidae
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