

ADDENDUM TO THE CHECKLIST AND BIBLIOGRAPHY OF PHILIPPINE ACARI (ARACHNIDA) WITH NOTES ON NOMENCLATURAL CHANGES IN SOME PREVIOUSLY RECORDED SPECIES

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ABSTRACT

A checklist of 196 acarine species recorded from the Philippines from 2006-2015 is presented, including some species that were missed in a checklist published earlier, covering 1844-2005. These belong to 98 genera and 50 families, of which 55 genera and 15 families were reported as new to the Philippines during the former period. The number of added species is greatest for the free-living families, Otocephelidae (29), Cunaxidae (17), Haplozetidae (16), [superfamily] Galumnoidea (15), Hermanniidae (13) and Macrochelidae (13). There were also notable increases in records of parasitic Astigmata, particularly fur mites of the family Atopomelidae (13 spp.) and internal parasitic Gastronyssidae (11 spp.). As in the 2005 checklist, the added species originated mainly from the largest islands of Luzon (84), Mindanao (46) and Samar (31).

Altogether, the known Philippine fauna from 1844 to 2015 now amounts to 1,417 species, 565 genera and 180 families. The species are distributed to the major groups of the Superclass Acari as follows: Oribatida 441, Prostigmata 423, Mesostigmata 338, Astigmata 178, and Ixodida 37. Slightly over half (52.3%) are known to occur only in or endemic to the Philippines at present.

Changes in nomenclature of 136 previously listed species are provided, with notes on reasons for and references to their respective changes. These are mainly due to generic transfers consequent to erection of new genera, downgrading of genera to subgenera, synonymies and even resurrection of previous junior generic synonyms. Additional bibliographic references are provided for faunal records, non-taxonomic works, and world revisions, keys and checklists including species that were originally described from the Philippines.

Key words: Acari, Arachnida, biodiversity, faunal checklist, Philippines

INTRODUCTION

In 2005, the author (Corpuz-Raros, 2005) presented a checklist of species of Acari that were recorded from Koch's (1844) first report of three tick species to 2005, or covering a period of 161 years. This checklist included a total of 1,210 species classified under 498 genera, 159 families and five suborders. Eleven species missed in this initial list were published two years later (Corpuz-Raros, 2007c) as addenda, along with corrections of some errors in entry. Ten years after the main checklist and addenda, 196 additional species were described as new to science or reported to occur in the Philippines after their original discovery from other parts of the world. These later

records (2006-2015), as well as few others that were still missed in the previous checklists, are consolidated in the present paper as part of the main objective to document the diversity of life in the Philippines.

The format used here is essentially that of the first report but slightly expanded to include the type locality of the various species. Names and classification of suprafamilial taxa follow those of Krantz and Walter (2009), with slight modifications by various specialists in Zhang (2011). Entries for each species include: (1) the current combination of genus and species; (2) author and year of publication; (3) name of genus (in parentheses) under which the species was originally described if generic transfer has been effected; (4) type locality in brackets; (5) reference(s) to the record, nomenclatural change, world revisions, keys or checklists where a Philippine species was accounted for; and (6) the known island distribution within the Philippines. For species that were originally described from the Philippines, the island from where the holotype originated is given in boldface. Their exclusive occurrence (endemism) in a given island is noted by a single asterisk (*), and in the Philippines as a whole by a double asterisk(**).

Since the publication of the 2005 checklist, changes in nomenclature of 136 species were made in the literature due mainly to generic transfers (105 cases) resulting from erection of new genera, downgrading of genera to subgenera, synonymies or even resurrection of junior generic synonyms as valid. Twenty species were also sunk as junior synonyms, the identity of two misidentified species rectified, and new names of two secondary homonyms proposed. Some notes are also made on the name, *Tyrophagus putrescentiae* (Schrank), which has been proposed by Klimov and OConnor (2009, 2010) for conservation as Case 3501 of the International Commission on Zoological Nomenclature. To facilitate databasing efforts worldwide and help biodiversity cataloguers, taxonomic revisers and other workers to relate to previous names, these changes are also compiled, using the species number used in the 2005 checklist as base. Current combinations or valid names are similarly given in boldface to easily spot the change, and reference(s) to the source are provided.

CURRENT STATUS OF PHILIPPINE ACARINE DIVERSITY

The Addendum to records of Philippine Acari includes 196 species under 98 genera and 50 families in the five major groups of the Superclass Acari. Noteworthy is the addition of 15 families and 55 genera that were previously unknown in the Philippines, and eight other families owing to the reclassification of the Uropodina (equivalent to Uropodidae in the 2005 checklist) into many families. Most of the additional taxa belong to the Oribatida (eight families, 27 genera and 108 species) due to continuing work of the author (especially Hermanniidae, Otocepheidae and Haplozetidae), and collaborative research with S.G. Ermilov of Tyumen State University (Russia) on Galumnoidea and several smaller families (Ermilov and Corpuz-Raros 2015a-e, Corpuz-Raros and Ermilov 2015; Ermilov *et al.*, 2014a & b). Records of vertebrate parasitic Astigmata significantly increased during this period, especially fur mites of the family Atopomelidae (13 species) and internal parasitic Gastronyssidae (in nasal cavities, eye orbits and stomach of mainly bat hosts) (11 spp.) (Bochkov and OConnor, 2006a & b; Bochkov *et al.*, 2008). These parasitic mites are part of continuing

documentations arising from Philippine expeditions of mammalogists led by Lawrence Heaney in the 1980s, early 1990s and early 2000s. There were also notable increase in records of the prostigmatid family Cunaxidae with 17 species (Corpuz-Raros 2007a & 2008), mesostigmatid family Macrochelidae with 13 species, and the oribatid families Otocephidae (29 spp.), Haplozetidae (16 spp.) and Hermanniidae (13 spp.). As in the 2005 checklist, the added species originated mainly from the largest islands of Luzon (84 spp.), Mindanao (46 spp.) and Samar (31 spp.).

Altogether, Philippine acarine records now amount to 1,417 species belonging to 565 genera and 180 families (Table 1). The Oribatida and Prostigmata are most diverse, with 441 and 423 species, respectively, compared to their reverse order (333 and 384, respectively) in 2005. This is due to a standstill in local studies of the Cheyletidae and other free-living families apart from the Cunaxidae, and virtually no added work on plant parasitic Tetranychoida and vertebrate-parasitic Trombiculidae which formed the greater bulk of earlier records of Prostigmata. On the other hand, taxonomic work on oribatids was sustained especially the Otocephidae, and previously little known xylobatids (now included in the Haplozetidae), hermanniids and galumnoids.

Slightly over half (52.3%) of recorded species are known only from or endemic to the Philippines at present (Table 1). As in the greater checklist of 2005, the Mesostigmata include the greatest proportion of endemics, followed by the Prostigmata and Oribatida. Compared to these aforementioned groups, the vertebrate parasitic Ixodida and Astigmata (mostly composed of Psoroptidia) are low in endemics due to their greater chances of dispersal to wider areas by their mobile hosts which are mainly birds, bats and rodents.

Table 1. Number of acarine taxa recorded from the Philippines as of 2015 and the degree of endemism of species in the various major groups.

GROUP/SUBORDER	NUMBER OF			ENDEMIC SPECIES	
	Families	Genera	Species	Number	Percentage
IXODIDA	2	9	37	7	18.9
MESOSTIGMATA	33	90	338	205	60.6
PROSTIGMATA	33	177	423	242	57.2
ORIBATIDA	75	188	441	236	53.8
ASTIGMATA	37	101	178	51	28.6
TOTAL	180	565	1417	741	52.3

ABBREVIATIONS AND SYMBOLS USED

Abbreviations for islands of origin of holotypes: Bo – Bohol; Cat – Catanduanes; Cebu – Cebu; Cmg – Camiguin; Le – Leyte; Lu – Luzon; Mct – Mactan; Mdn – Mindanao; Mdr – Mindoro; Mrp – Maripipi; N – Negros; Pal – Palawan; PhX – unknown Philippine locality; Pny – Panay; Pol – Polillo; Sby – Sibuyan; Siq – Siquijor; Smr – Samar

Other abbreviations: asl – above sea level, to denote elevation; Ref - reference

Notations: *Endemic to island where holotype originated; **Endemic to the Philippines as a whole; **Boldface** – Island of origin of holotype, families and genera recorded for the first time within the period covered, and currently valid name of the species

CHECKLIST OF ADDITIONAL SPECIES

Superorder I. PARASITIFORMES

Order 1. IXODIDA

Family 1. Ixodidae

1. *Haemaphysalis formosensis* Neumann, 1913 (already included in checklist of vertebrate parasites (Corpuz-Raros, 1993: 185) but missed in main checklist (Corpuz-Raros, 2005) (PhX)
2. *Rhipicephalus (Boophilus) australis* Fuller, 1899 [Type: Australia]; removed from junior synonymy with *R. (B.) microplus* (Canestrini, 1888) and reinstated as valid species by Estrada-Peña *et al.* (2012: 794); originally recorded on cattle from the Philippines by Banks, 1904 and subsequently used by several Filipino authors for the cattle tick(PhX)

Order 2. MESOSTIGMATA

Suborder MONOGYNASPIDA

Infraorder UROPODINA

Family 2. **Rotundabaloghiidae**

3. *Rotundabaloghia makilingoides* Hiramatsu & Hirschmann, In: Hirschmann and Hiramatsu, 1992: 25 [Cotype: Mt. Makiling, Los Baños, Laguna, Philippines]; Kotschan, 2010: 30 (**Lu***)**.

Infraorder GAMASINA

Family 3. Macrochelidae

4. *Glyptolaspis asperrima* (Berlese, 1905) (*Holostaspis*) [Type: Samarang, Java, Indonesia]; Takaku *et al.*, 2012: 102 (Lu, Le, Pny)
5. *G. fimicola* (Sellnick, 1931) (*Nothrolaspis*) [Type: Ionian Is.]; Takaku *et al.*, 2012: 104 (Lu, Le)
6. *Holostaspis ancyclothrix* Krantz, 1967 [Type: Dominica, British West Indies]; Takaku *et al.*, 2012: 97 (Lu)
7. *H. crenulata* Krantz, 1967 [Type: Yap Is., Caroline Is.]; Takaku *et al.*, 2012: 99 (Le, Mdn)
8. *H. moderata* Berlese, 1921 [Type: Samarang, Java, Indonesia]; Takaku *et al.*, 2012: 102 (Le)
9. *H. pulchella* Masan, 2003 [Type: Slovakia]; Takaku *et al.*, 2012: 100 (Lu, Le, Pny, Mdn)

10. *Macrocheles* sp. aff. *agilis* Halliday, 2000 [Type: New South Wales, Australia]; Takaku *et al.*, 2012: 105 (Le)
11. *M. garciai* Takaku, Hartini, Dwibadra & Corpuz-Raros, 2012: 115 [Type: Mt. Makiling, Bagong Silang, Los Baños, Laguna, Philippines] (**Lu**, Mdn)**
12. *M. hallidayi* Walter & Krantz, 1986 [Type: Coimbatore, Madras, India]; Takaku *et al.*, 2012: 102 (Le)
13. *M. luzonensis* Takaku, Hartini, Dwibadra & Corpuz-Raros, 2012: 116 [Type: UPLB campus, College, Laguna, Philippines] (**Lu***)**
14. *M. mammifer* Berlese, 1918 [Type: La Plata (Argentina)]; Takaku *et al.*, 2012: 108 (Lu, Le)
15. *M. monticola* Takaku & Hartini, 2001 [Type: Pancasari Village, Sukasada District, Buleleng Regency, Bali, Indonesia]; Takaku *et al.*, 2012: 102 (Mdn)
16. *M. samarensis* Takaku, Hartini, Dwibadra & Corpuz-Raros, 2012: 118 [Type: N of Libungon Creek, San Rafael, Taft, Eastern Samar, Philippines] (**Smr***)**

Family 4. Ameroseiidae

17. *Ameroseius* sp. cf. *plumigera* (Oudemans, 1930) (*Kleemania*) [Type: Helder, The Netherlands]; Corpuz-Raros and Raros, 1999: 116 (Lu)

Family 5. Laelapidae

18. *Scissuralaelaps huberti* Seeman & Alberti, 2015: 707 [Type: Cebu, Philippines] (**Ce***)**

Superorder II. ACARIFORMES

Order 3. TROMBIDIFORMES

Suborder PROSTIGMATA

Infraorder EUPODINA

Family 6. Cunaxidae

Subfamily A. Cunaxinae

19. *Armascirus bifidus* (Corpuz-Raros, 2008a: 78) (*Dactyloscirus*) [Type: Pinaglubayan, Polillo, Quezon, Philippines]; Skvarla and Dowling, 2012: 32; Skvarla *et al.*, 2014: 52 (**Pol***)**
20. *A. apoensis* Corpuz-Raros, 2008a: 73 [Type: Mt. Apo, 4,300 ft asl, Baracatan, Davao City, Philippines]; Skvarla and Dowling, 2012: 25; Kaluz and Vrabec, 2013: 153; Skvarla *et al.*, 2014: 52 (**Mdn***)**
21. *Dactyloscirus discocondylus* Corpuz-Raros, 2008a: 81 [Type: Central Luzon State University campus, Muñoz, Nueva Ecija, Philippines]; Skvarla and Dowling, 2012: 32; Corpuz-Raros and Lit, 2013: 155; Skvarla *et al.*, 2014: 64 (**Lu***)**

22. *D. machairodus* (Oudemans, 1922) (*Rosenhofia*) [Type: Tandjong, Morawa, Deli, Sumatra, Indonesia]; Corpuz-Raros and Gruezo, 2011: 44; Skvarla and Dowling, 2012: 31; Skvarla *et al.*, 2014: 62 (Lu)
23. *D. trifidus* Corpuz-Raros, 2008a: 83 [Type: Mt. Makiling, Los Baños, Laguna, Philippines]; Skvarla and Dowling, 2012: 32; Skvarla *et al.*, 2014: 64 (**Lu**)***
24. *Riscus bambusae* (Gupta & Ghosh, 1980) (*Cunaxa*) [Type: Ferragun, Andaman Is., India]; Corpuz-Raros, 2008a: 75; Skvarla *et al.*, 2014: 66 (Lu)
25. *R. cydnodone* (Gupta & Ghosh, 1980) (*Cunaxa*) [Type: Car Nicobar Is., India]; Corpuz-Raros, 2008a: 77; Skvarla *et al.*, 2014: 66 (Lu, Mdn)

• Subfamily B. Cunaxoidinae

26. *Lupaeus polilloensis* (Corpuz-Raros, 2007a: 166) (*Pulaeus*) [Type: Pinaglubayan, Polillo, Quezon, Philippines]; Skvarla *et al.*, 2014: 35 (**Pol**)***
27. *Neocunaxoides biramus* Corpuz-Raros, 2007a: 160 [Type: Tacloban City, Leyte, Philippines]; Skvarla *et al.*, 2014: 31 (**Le**)***
28. *N. philippinensis* (Corpuz-Raros, 2007a: 158) (*Cunaxoides*) [Type: Mt. Malindang Range, Lake Duminagat, Don Victoriano, Misamis Occidental, Philippines]; Skvarla *et al.*, 2014: 32 (Lu, **Mdn**)***
29. *Pulaeus cebuensis* Corpuz-Raros, 2007a: 162 [Type: Kawasan Falls, Matutina, Cebu, Philippines]; Skvarla *et al.*, 2014: 37 (**Ce**)***
30. *P. palawanensis* Corpuz-Raros, 2007a: 164 [Type: Puerto Princesa, Palawan, Philippines]; Skvarla *et al.*, 2014: 37 (**Pal**)***
31. *P. parapatzcuarensis* (Shiba, 1976) (*Cunaxoides*) [Type: Pasoh Forest, Negeri Sembilan, West Malaysia]; Corpuz-Raros, 2007a: 164; Castro and Den Heyer, 2009: 20; Skvarla *et al.*, 2014: 37 (Lu, Pol)
32. *P. samarensis* Corpuz-Raros, 2007a: 168 [Type: Kaparuspusan, Benowangan, Borongan, Eastern Samar, Philippines]; Skvarla *et al.*, 2014: 36 (**Smr**)***

Subfamily C. Coleoscirinae

33. *Neobonzia clavata* Corpuz-Raros, 2008a: 87 [Type: Nasipit Lumber Company, Agusan del Norte, Philippines]; Den Heyer, 2011b: 59; Skvarla *et al.*, 2014: 76 (Lu, **Mdn**)***

Subfamily D. Bonziinae

34. *Neoscirula laboensis* Corpuz-Raros, 2007a: 154 [Type: Mt. Labo, 1,400 m asl, San Felipe, San Lorenzo Ruiz, Camarines Norte, Philippines]; Skvarla *et al.*, 2011: 285; Skvarla *et al.*, 2014: 81 (**Lu**)***
35. *N. taclobanensis* Corpuz-Raros, 2007a: 156 [Type: Marasbaras, Tacloban City, Leyte]; Skvarla *et al.*, 2011: 285; Skvarla *et al.*, 2014: 82 (**Le**)***

Family 7. Eriophyidae

36. **Acalitus** *adoratus* Keifer, 1970 [Type: Ariara, Trinidad]; Xue and Zhang, 2009: 30 (PhX)
 37. *Aceria guerreronis* Keifer, 1965 [Type: Cerca Cayuco, Mexico]; Xue and Zhang, 2009: 35 (PhX)

Family 8. Halacaridae

38. *Copidognathus ivanomorselli* Chatterjee & De Troch, 2003: 96 [Type: Pujada Bay, Mindanao Is., Philippines]; Bartsch, 2009b: 61 (**Mdn**)**
 39. *C. philippinensis* Chatterjee & De Troch, 2003: 104 [Type: Pujada Bay, Mindanao Is., Philippines]; Bartsch, 2009b: 70 (**Mdn**)**
 40. *C. pujadus* Chatterjee & De Troch, 2003: 99 [Type: Pujada Bay, Mindanao Is. Philippines]; Bartsch, 2009b: 72 (**Mdn**)**
 41. **Simognathus** *fuscus* Viets, 1936 [Type: West Indies] (= *S. platyaspis* Otto, 2000); Bartsch, 2005: 305; Bartsch 2009a: 194 (PhX)

Infraorder ANYSTINA

Family 9. **Pomerantziidae**

42. **Pomerantzia** *philippina* Bochkov & Walter, 2007: 159 [Type: Puto Point, Magdiwang, Sibuyan Island, Romblon, Philippines]; Walter *et al.*, 2009: 255 (**Sby**)**

Infraorder ELEUTHERENGONA

Family 10. Cheyletidae

43. **Neochelacheles** *corpuzrarosae* Bochkov & OConnor, 2004: 582 [Type: Lake Balinsasayao, 14 km N, 14 km W Dumaguete City, Negros Oriental, Philippines] (**N**)**
 44. *N. mendicus* Bochkov & OConnor, 2004: 582 [Type: "Baltalason," Luzon Is., Philippines] (**Lu**)**

Family 11. **Syringophilidae**

45. **Apodisyngophilus** *collocalius* Skoracki & OConnor, 2010: 5 [Type: 4 km S, 1 km E, Inopacan, Leyte, Philippines]; Glowska *et al.*, 2015: 6 (**Le**)**
 46. **Neoaulobia** *puylaerti* (Skoracki & Dabert, 1999) (*Aulobia*) [Type: Togo]; Skoracki, 2005: 127; Glowska *et al.*, 2015: 21 (PhX)
 47. **Neoaulonastus** *chrysocolaptes* Skoracki & OConnor, 2010: 22 [Type: Penablanca, Cagayan, Philippines]; Skoracki, 2011: 113; Glowska *et al.*, 2015: 21 (**Lu**)**

Family 12. Podapolipidae

48. *Tetrapolipus anoplophorae* R. & D. Husband, 2011: 266 [Type: Bataan, Philippines] (**Lu***)**

Family 13. Pontarachnidae

49. *Pontarachna australis* Smit, 2003 [Type: Dampier, Western Australia]; Pesic *et al.*, 2009: 130 (Mdn)

Suborder ORIBATIDA

Infraorder ENARTHRONOTA

Family 14. Hypochthoniidae

50. *Nothrolohmannia samarensis* Norton & Corpuz-Raros, 2010: 40 [Type: Benowangan, Borongan, Eastern Samar, Philippines] (**Smr***)**

Family 15. Lohmanniidae

51. *Heptacarus plumosus* (Hammer, 1973) (*Neotrichosus*) [Type: Apia, Upolu Is., West Samoa]; Corpuz-Raros and Lit, 2013: 161 (Lu)
52. *Meristacarus gapudi* Corpuz-Raros & Lit, 2009: 11. [Type: Pinaglubayan, Polillo, Quezon, Philippines] (**Pol***)**

Infraorder MIXONOMATA

Family 16. Epilohmanniidae

53. *Epilohmannia luzonica* Corpuz-Raros, 2010a: 193 [Type: Bypas, Silang, Cavite, Philippines]; Corpuz-Raros and Lit, 2013: 156 (**Lu***)**
54. *Epilohmannoides samarensis* Corpuz-Raros, 2010a: 202 [Type: Parina, Borongan, Eastern Samar, Philippines] (**Smr***)**
55. *E. sexparus* Corpuz-Raros, 2010a: 204 [Type: Maraot, Dolores, Eastern Samar, Philippines] (**Smr***)**

Family 17. Oribotritiidae

56. *Oribotritia corporaali* (Oudemans, 1926) (*Tritia*) [Type: Varela Is., Straits of Malacca, Malaysia]; Niedbala, 2007: 75 (Pal)
57. *O. dipterocarpensis* Niedbala, Corpuz-Raros & Gruezo, 2006: 459 [Type: Calaasan, Benowangan, Borongan, Eastern Samar, Philippines]; Liu, 2015: 232 (**Smr***)**
58. *O. lepteces* Niedbala, Corpuz-Raros & Gruezo, 2006: 450 [Type: Napatu-o, Osmena, Dolores, Eastern Samar, Philippines]; Liu, 2015: 234 (**Smr***)**

Family 18. Phthiracaridae

59. *Atropacarus (Hoplophorella) singularis* (Sellnick, 1959) (*Hoplophorella*) [Type: Flint Is. of Line Is.-group]; Niedbala, 2007: 75 (Lu, Pal)
60. *Notophthiracarus aethes* Niedbala, Corpuz-Raros & Gruezo, 2006: 462 [Type: Mt. Malindang Range, Lake Duminagat, Don Victoriano, Misamis Occidental, Philippines] (**Mdn***)**
61. *N. samarensis* Niedbala, Corpuz-Raros & Gruezo, 2006: 467 [Type: Kamparina, Benowangan, Borongan, Eastern Samar, Philippines] (**Smr***)**
62. *Phthiracarus mindanaoensis* Niedbala, Corpuz-Raros & Gruezo, 2006: 462 [Type: Mt. Malindang Range, Lake Duminagat, Don Victoriano, Misamis Occidental, Philippines] (**Mdn***)**

Infraorder DESMONOMATA

Hyporder NOTHRINA

Family 19. **Camisiidae**

63. *Heminothrus minor* Aoki, 1969 [Type: Otamanamosu-no-taira, Mt. Shiga, Nagano Prefecture, Japan]; Corpuz-Raros and Gruezo, 2011: 44 (Mdn)

Family 20. Hermanniidae

64. *Phyllhermannia ababa* Corpuz-Raros, 2009a: 39 [Type: Mt. Makiling, near peak, Los Baños, Laguna, Philippines] (**Lu, Mdn**)**
65. *P. benguetana* Corpuz-Raros, 2009c: 19 [Type: Alno, La Trinidad, Benguet, Philippines] (**Lu***)**
66. *P. canlaonensis* Corpuz-Raros, 2009a: 41 [Type: Mt. Canlaon, Negros Oriental, Philippines] (**N***)**
67. *P. curvata* Corpuz-Raros & Gruezo, 2009a: 24 [Type: Maraot, Osmeña, Dolores, Eastern Samar, Philippines] (Lu, Pol, **Smr**, Mdn)**
68. *P. filipina* Corpuz-Raros & Gruezo, 2009a: 19 [Type: Magtulay, Benowangan, Borongan, Eastern Samar, Philippines]; Corpuz-Raros, 2009a: 44; Corpuz-Raros and Lit, 2013: 42 (Lu, Pol, **Smr**, Le, Ce, N, Mdn, Pal)**
69. *P. leytensis* Corpuz-Raros & Gruezo, 2009a: 27 [Type: Marasbaras, Tacloban City, Leyte, Philippines]; Corpuz-Raros, 2009a: 45 (**Le***)**
70. *P. longipediseta* Corpuz-Raros, 2009a: 45 [Type: Mt. Malindang Range, Maiten, Oroquieta City, Misamis Occidental, Philippines] (**Mdn, Pal**)**
71. *P. maganda* Corpuz-Raros, 2009c: 22 [Type: Mt. Malindang, Lake Duminagat, Don Victoriano, Misamis Occidental, Philippines] (**Mdn***)**
72. *P. malindangensis* Corpuz-Raros, 2009a: 47 [Type: Mt. Malindang, Lake Duminagat, Don Victoriano, Misamis Occidental, Philippines] (**Mdn***)**

73. *P. pinicola* Corpuz-Raros & Gruezo, 2011: 47 [Type: Puff Cliff, La Trinidad, Benguet, Philippines](**Lu***)**
74. *P. polilloensis* Corpuz-Raros, 2009c: 24 [Type: Pinaglubayan, Polillo, Quezon, Philippines]; Corpuz-Raros and Lit, 2013: 156 (Lu, **Pol**)**
75. *P. samarensis* Corpuz-Raros, 2009a: 50 [Type: San Nicolas, Salvacion, San Jose de Buan, Western Samar, Philippines]; Corpuz-Raros and Lit, 2013: 156 (Lu, **Smr**)**
76. *P. vermicula* Corpuz-Raros, 2009a: 53 [Type: Anagasi, Paranas, Western Samar, Philippines] (**Smr***)**

Family 21. **Malaconothridae**

77. *Malaconothrus agusanensis* Ermilov & Corpuz-Raros, In: Corpuz-Raros and Ermilov, 2015: 63 [Type: Agusan Marsh Wildlife Sanctuary, Panlabuhan, Loreto, Agusan del Sur, Philippines]; Ermilov and Corpuz-Raros, 2015b: 607 (**Mdn***)**

Family 22. Nanherrmanniidae

78. *Nippohermannia parallela* (Aoki, 1961) (*Nanherrmannia*) [Type: Kunitachi, 32 km W of Central Tokyo, Japan]; Corpuz-Raros and Gruezo, 2011: 46 (Lu, N, Pal)

Hyporder BRACHYPYLINA

Family 23. Eremobelbidae

79. *Eremobelba* cf. *okinawa* Aoki, 1987 [Type: Iifu Beach, Nakasato-mura, Kumajima, Japan]; Ermilov and Corpuz-Raros, 2015b: 607 (Lu).

Family 24. **Rhynchoribatidae**

80. *Suctoribates palawanensis* Corpuz-Raros & Gruezo, 2009b: 191 [Type: Mt. San Juanico, N-facing slope, 690-780 m asl, Calategas, Narra, Palawan, Philippines] (**Pal***)**

Family 25. Astegestidae

81. *Sulcoribula filipina* Corpuz-Raros & Lit, 2009: 141 [Type: Abakahan, Panukulan, Polillo, Quezon, Philippines] (**Pol***)**

Family 26. Peloppiidae

82. *Ceratoppia filipina* Corpuz-Raros & Garcia, 2011. In: Corpuz-Raros and Gruezo, 2011: 49 [Type: Puff Cliff, La Trinidad, Benguet, Philippines] (**Lu***)**

Family 27. Otocephidae

Subfamily A. Otocephinae

83. *Acrotocepheus bajau* (Mahunka, 2000) (*Otocepheus*) [Type: Orang-Utan Rehabilitation Station, Kabili-Sepilok Forest Reserve, 30 m asl, 15 km W of Sandakan, Sabah (in Borneo Is.), East Malaysia]; Corpuz-Raros & Gruezo, 2009b: 184 (Mdn)
84. *A. diehli* Mahunka, 1989 [Type: Sibolangit, on the route from Medan to Brestagi, 520 m asl, Deli Srdang, Sumatera Utara, Indonesia] (Mdn); Corpuz-Raros, 2007b: 83 (Smr)
85. *A. malindangensis* Corpuz-Raros, 2007b: 85 [Type: Mt. Malindang, 1,180 m asl, Old Liboro, Sibucal, Oroquieta City, Misamis Occidental, Philippines] (**Mdn***)**
86. *A. paraduplicornutus* Corpuz-Raros & Gruezo, 2009b: 185 [Type: Mt. San Juanico, N-facing slope, 810-820 m asl, Narra, Palawan, Philippines] (**Pal***)**
87. *A. samarus* Corpuz-Raros, 2007b: 87 [Type: San Rafael, Taft, Eastern Samar, Philippines] (**Smr***)**
88. *A. taftensis* Corpuz-Raros, 2007b: 89 [Type: San Rafael, Taft, Eastern Samar, Philippines] (**Smr**, Mdn)**
89. *Basicermaeus igorotus* Corpuz-Raros & Gruezo, 2011: 52 [Type: La Trinidad, Benguet, Luzon Is., Philippines] (**Lu**)
90. *Cerostocepheus isarogensis* Corpuz-Raros, 2007b: 91 [Type: Mt. Isarog, Penicuason, Naga City, Camarines Sur, Philippines] (**Lu***)**
91. *C. trisetosus* (Balogh, 1970) (*Eurostocepheus*) [Type: Kandy, Sri Lanka (Ceylon)]; Corpuz-Raros, 2009c: 28 (Le)
92. *Otopentacepheus heterosetus* Corpuz-Raros, 2007b: 80 [Type: Bagong Silang, Basey, Eastern Samar, Philippines] (**Smr***)**
93. *Papuacepheus hermosaensis* Corpuz-Raros, 2007b: 94 [Type: Kalumutan, Hermosa, Dolores, Eastern Samar] (**Smr***)**
94. *Philippotocepheus visayasensis* Corpuz-Raros, 2007b: 96 [Type: San Rafael, Taft, Eastern Samar, Philippines] (**Smr**, N)**

Subfamily B. Tetracondylinae

95. *Dolichermaeus alviolai* Corpuz-Raros, 2010b: 30 [Type: Balen-Balen, Ransang, Rizal, Palawan, Philippines]; Corpuz-Raros and Lit, 2013: 157 (Lu, **Pal**)**

96. *D. batarazaensis* Corpuz-Raros, 2010b: 32 [Type: Buhay, Taruzan, Bataraza, Palawan, Philippines] (**Pal***)**
97. *D. cebuensis* Corpuz-Raros, 2010b: 34 [Type: Kawasan Falls, Matutina, Badian, Cebu, Philippines] (**Ce***)**
98. *D. genitalis* Corpuz-Raros, 2008b: 3 [Type: San Rafael, Taft, Eastern Samar, Philippines] (**Smr***)**
99. *D. gruezo* Corpuz-Raros, 2010b: 36 [Type: Mt. Malindang Range, Lake Duminagat, Don Victoriano, Misamis Occidental, Philippines] (**Mdn***)**
100. *D. luzonicellus* Corpuz-Raros, 2008b: 5 [Type: Agingayan, San Jose de Buan, Northern Samar] (Pol, **Smr***)**
101. *D. malakius* Corpuz-Raros, 2008b: 8 [Type: Unknown municipality, Northern Samar, Philippines] (**Smr**, Ce, Mdn)***
102. *D. mambusaoensis* Corpuz-Raros, 2010b: 38 [Type: Panay State Polytechnic College campus, Kipot, Mambusao, Capiz, Philippines] (**Pny***)**
103. *D. mindanaoensis* Corpuz-Raros, 2010b: 40 [Type: Mt. Malindang Range, Mailen, Oroquieta City, Misamis Occidental, Philippines] (**Mdn***)**
104. *D. niedbalai* Corpuz-Raros, 2010b: 10 [Type: Anagasi, Paranas, Western Samar, Philippines] (**Smr***)**
105. *D. oroquietaensis* Corpuz-Raros, 2010b: 42 [Type: Mt. Malindang Range, 1,220 m asl, Sibucal, Oroquieta City, Misamis Occidental, Philippines] (**Mdn***)**
106. *D. pahabaeus* Corpuz-Raros & Gruezo, 2011: 54 [Type: Baganihan, Marilog, Marilog District, Davao City, Philippines] (**Mdn***)**
107. *D. rimandoi* Corpuz-Raros, 2008b: 13 [Type: Salvacion, San Nicolas, San Jose de Buan, Northern Samar, Philippines] (**Smr**, Mdn)***
108. *D. spatulatus* Corpuz-Raros & Gruezo, 2009b: 189 [Type: Mt. San Juanico, N-facing slope, San Isidro, Narra, Palawn, Philippines] (**Pal***)**
109. *D. subiasi* Corpuz-Raros, 2008b: 15 [Type: Bagong Silang, Basey, Western Samar, Philippines] (**Smr***)**
110. *D. upicentenarius* Corpuz-Raros, 2010b: 44 [Type: Mt. Malindang Range, Lake Duminagat, Don Victoriano, Misamis Occidental, Philippines] (**Mdn***)**
111. *D. waray* Corpuz-Raros, 2008b: 17 [Type: Bagong Silang, Basey, Western Samar, Philippines] (**Smr***)**

Family 28. Oppiidae

112. *Striatoppia lanceolata* Hammer, 1972 [Type: Papeete, Tahiti]; Corpuz-Raros and Lit, 2013: 163 (Lu)

Family 29. Austrachipteriidae

113. *Allozetes philippinensis* Corpuz-Raros & Lit, 2013: 170 [Type: Malikboy, Pagbilao, Quezon, Philippines]; (= *A. africanus* non Balogh, 1958: Corpuz-Raros, 1979: 16) (**Lu**, Pol, Smr, Le, Bo, Ce, N, Siq, Pny, Mdn)**

Family 30. Hydrozetidae

114. *Hydrozetes mindanaoensis* Ermilov & Corpuz-Raros, 2015b: 612 [Type: Agusan Marsh Wildlife Sanctuary, Panlabuhan, Loreto, Agusan del Sur, Philippines] (**Mdn**)**

Family 31. Fortuyniidae

115. *Fortuynia dimorpha* Pflingstl, 2015: 568 [Type: Maribago, Mactan Is., Philippines] (**Mct**)**

Family 32. Phenopelopidae

116. *Nesopelops philippinensis* Corpuz-Raros & Garcia, In: Corpuz-Raros and Gruezo, 2011: 58 [Type: Puff Cliff, La Trinidad, Benguet, Philippines] (**Lu**)**

Family 33. Haplozetidae

117. *Indoribates (Haplozetes) quadripilus* (Berlese, 1916: 316) (*Protoribates*); Corpuz-Raros and Lit, 2013: 168 (Lu)
118. *Octodurozetes epimeralis* Corpuz-Raros, 2009b: 198 [Type: Makiling Botanic Gardens, UPLB Forestry campus, College, Laguna, Philippines] (**Lu**)**
119. *Polillozetes aggenitalis* Corpuz-Raros, 2009b: 203 [Type: Pinaglubayan, Polillo, Quezon, Philippines] (**Pol**)**
120. *Protoribates (Triaunguis) bipilus* (Hammer, 1972) (*Xylobates*) [Type: Papeete, Tahiti]; Corpuz-Raros, 2014: 3; Navasero and Corpuz-Raros, 2014: 21 (Lu)
121. *P. (T.) biscalpturatus* (Mahunka, 1988) (*Xylobates*) [Type: Orang-Utan Rehabilitation Station, 30 m asl, Kabili-Sepilok Forest Reserve, 15 mi E of Sandakan, Sandakan Residency, Sabah (in Borneo Is.), East Malaysia]; Corpuz-Raros, 2013: 373; Corpuz-Raros, 2014: 3; Corpuz-Raros and Lit, 2015: 44 (Lu, Pol, Smr, Le, N, Mdn)
122. *P. (T.) cuyi* Corpuz-Raros, 2014: 5 [Type: Balsahan, Iwahig Penal Colony, Palawan, Philippines] (**Pal**)**
123. *P. (T.) genitalis* Corpuz-Raros, 2013: 377 [Type: Upland Hydroecology Program experimental site, Puting Lupa, Calamba, Laguna, Philippines]; Corpuz-Raros, 2014: 2 (**Lu**, Pol, Smr, Mdn)**

124. *P. (T.) gruezoii* Corpuz-Raros, 2014: 8 [Type: Marahan, Suarez area, 1,800 m asl, Marilog District, Davao City, Philippines]; Corpuz-Raros and Lit, 2015: 44 (**Mdn***)**
125. *P. (T.) luteus* (Hammer, 1979) (*Xylobates*) [Type: Pawangan Mountains, 700 m asl, Kaliurang, Central Java, Indonesia]; Corpuz-Raros, 2014: 10] (Lu)
126. *P. (T.) magniporosus* Corpuz-Raros, 2013: 379 [Type: Pinaglubayan, Polillo, Quezon, Philippines]; Corpuz-Raros, 2014: 3 (Lu, **Pol**)**
127. *P. (T.) paramaigsius* Corpuz-Raros, 2014: 12 [Type: Mt. San Juanico, 862-872 m asl, Narra, Palawan, Philippines] (**Pal***)**
128. *P. (T.) putinglupaensis* Corpuz-Raros, 2013: 385 [Type: Upland Hydroecology Program experimental site, Puting Lupa, Calamba, Laguna, Philippines]; Corpuz-Raros, 2014: 3 (**Lu***)**
129. *P. (T.) rigidus* Corpuz-Raros & Lit, 2013: 164 [Type: Palsabangon, Pagbilao, Quezon, Philippines] (**Lu***)**
130. *P. (T.) seminudus* (Hammer, 1971): 38 (*Xylobates*) [Type: Corolevu, Viti Levu, Fiji Is.]; Corpuz-Raros & Lit, 2013: 166 (Lu)
131. *P. (T.) varisculptus* Corpuz-Raros, 2014: 14 [Type: Mt. San Juanico, 810-820 m asl, San Isidro, Narra, Palawan, Philippines] (**Pal***)**
132. *P. (T.) vulgaris* Corpuz-Raros, 2013: 387 [Type: Panay State Polytechnic State College campus, Kipot, Mambusao, Capiz, Philippines]; Corpuz-Raros and Lit, 2015: 44 (Lu, Mdr, Smr, Le, Siq, **Pny**)**

Family 34. Oripodidae

133. *Monstroripoda tubulifera* Mahunka, 2006 [Type: Suva, Viti Levu, Fiji]; Corpuz-Raros, 2010c: 6; Corpuz-Raros and Lit, 2013: 160 (Lu)
134. *Oripoda josephineae* Corpuz-Raros, 2010c: 9 [Type: Bahong, La Trinidad, Benguet, Philippines]; Corpuz-Raros and Lit, 2013: 161 (**Lu***)**
135. *O. philippinensis* Corpuz-Raros, 2010c: 11 [Type: Maraot, Osmeña, Dolores, Eastern Samar, Philippines]; Corpuz-Raros and Lit, 2013: 161 (Lu, **Smr**, **Mdn**)**

Family 35. Parakalumnidae

136. *Neoribates (Pseudoneoribates) kotschani* Ermilov & Corpuz-Raros, 2015e: 231 [Type: Agusan Marsh Wildlife Sanctuary, Panlabuhan, Loreto, Agusan del Sur, Philippines; Ermilov and Corpuz-Raros, 2015b: 607 (**Mdn***)**
137. *N. (P.) negrosensis* Ermilov & Corpuz-Raros, 2015e: 225 [Type: Mahilog, Sibulan, Negros Oriental, Philippines] (Lu, **N**)**

Family 36. Scheloribatidae

138. *Dometorina sanpabloensis* Ermilov & Corpuz-Raros, 2015b: 607 [Type: San Pablo City, Laguna, Philippines] (**Lu***)**
139. *Nasozetes choreognathus* Willmann, 1931 [Type: Singkarak Station, Sumatra, Indonesia]; Corpuz-Raros and Gruezo, 2011: 56 (Lu, Le)
140. *N. sumatrensis* Sellnick, 1930 [Type: Fort de Kock, 920 m asl, Sumatra, Indonesia]; Corpuz-Raros, 2009c: 31 (Lu)
141. *Tuberemaeus formosanus* Tseng, 1984 [Type: Tsienhien, Taipei, Taiwan]; Corpuz-Raros, 2009c: 31; Corpuz-Raros and Lit, 2013: 159 (Lu)
142. *T. sculpturatus* Mahunka, 1987 [Type: Thanh Hoa, Tho Xuan, Vietnam]; Corpuz-Raros, 2009c: 32 (Smr)

Family 37. Galumnellidae

143. ***Galumnella junichiaokii*** Ermilov, Corpuz-Raros & Shimano, 2014: 85 [Type: Mt. Makiling, N trail to peak, 700-900 m asl, Los Baños, Laguna, Philippines] (**Lu***)**
144. ***Porogalumnella reducta*** Mahunka, 1995: 297 [Type: Orang-Utan Rehabilitation Station, Kabili-Sepilok Forest Reserve, 30 m asl., Sepilok, Sandakan Residency, Sabah (in Borneo Is.), East Malaysia]; Ermilov *et al.*, 2014: 85 (Lu)

Family 38. Galumnidae

145. ***Allogalumna dilatata*** J. & P. Balogh, 1983 [Type: Yabbra State Forest, 1,600 ft asl, via Urbenville, New South Wales, Australia]; Ermilov and Corpuz-Raros, 2015b: 607 (Lu)
146. ***Carinogalumna philippinensis*** Ermilov & Corpuz-Raros, 2015d: 518 [Type: Makiling Botanic Gardens, Mt. Makiling, Los Baños, Laguna, Philippines] (**Lu***)**
147. ***Galumna (Cosmogalumna) vladopesici*** Ermilov & Corpuz-Raros, 2015d: 512. Type: Mt. Makiling, on trail to peak, 700-900 m asl, Los Baños, Laguna, Philippines] (**Lu***)**
148. *Galumna (Galumna) crenata* Deb & Raychaudhuri, 1975 [Type: Sarisha, West Bengal, India]; Ermilov *et al.*, 2014: 3 (Mdn)
149. *G. (G.) cf. exigua* Sellnick, 1925 [Type: Fort de Kock, Sumatra, Indonesia]; Ermilov *et al.*, 2014: 3 (Lu, Pny, Mdn)
150. *Galumna (G.) khoii* Mahunka, 1989 [Type: Da Lat, Vietnam]; Ermilov *et al.*, 2014: 3 (Lu, Pny)
151. *Galumna (G.) makilingensis* Ermilov, Corpuz-Raros & Tolstikov, 2014: 3 [Type: Mt. Makiling, north trail to peak, Los Baños, Laguna, Philippines] (**Lu***)**

152. *Mirogalumna leytensis* Ermilov & Corpuz-Raros, 2015c: 557 Type: Mt. Makiling, Mudspring area, Los Baños, Laguna, Philippines; Ermilov and Corpuz-Raros, 2015b: 607 (Lu, Le)**
153. *Notogalumna lagunaensis* Ermilov & Corpuz-Raros, 2015a: 268 [Type: San Pablo City, Laguna, Philippines]; Ermilov and Corpuz-Raros, 2015b: 268 (Lu*)**
154. *Pergalumna bimaculata* Hammer, 1973 [Types: Tongatapu Is. and Eua Is.]; Ermilov & Corpuz-Raros, 2015b: 607 (Lu)
155. *P. hastata* Aoki, 1981 [Type: Near Nema in the northern part of Yoron Is., South Japan; Ermilov and Corpuz-Raros, 2015c: 565 (Lu)]
156. *P. panayensis* Ermilov & Corpuz-Raros, 2015c: 561 [Type: Mt. Makiling, north trail to peak, 700-900 m, Los Baños, Laguna, Philippines]; Ermilov and Corpuz-Raros, 2015c: 561 (Lu, Pny)**
157. *Setogalumna luzonica* Ermilov & Corpuz-Raros, 2015d: 522 [Type: Makiling Botanic Gardens, Mt. Makiling, Los Baños, Laguna, Philippines] (Lu*)**

Hyporder ASTIGMATA
Family 39. Heterocoptidae

158. *Heterocoptes tarsii* Fain, 1967 [Type: Sarawak in Borneo Is., Malaysia]; Haitlinger, 2009a: 69, 2009b: 69 (PhX)

Family 40. Acaridae

159. *Tyrophagus javensis* (Oudemans, 1916) (*Tyroglyphus*) [Type: Salatiga, Java, Indonesia]; Fan and Zhang, 2007: 42 (PhX).
160. *T. longior* (Gervais, 1844) (*Tyroglyphus*) [Type: Gouda, Netherlands]; Fan and Zhang, 2007: 24 (PhX)

Family 41. Hypoderatidae

161. *Apodidectes verrucosus* Mironov & OConnor, 2013: 216; Corpuz-Raros and Lit, 2015: 45 [Type: 12 km S, 8 km W, Pamplona, Negros Oriental, Philippines] (N*)**
162. *Collocalidectes collocaliae* (Bernstein, 1857) (*Acarus*) [Type: Java, Indonesia]; Mironov & OConnor, 2013: 225; Corpuz-Raros and Lit, 2015: 45 (Lu, Sby, Le)

Family 42. Freyanidae

163. *Freyana anatina* (Koch, 1844) (*Dermaleichus*) [Type: Europe]; Eduardo, 2015: 125 (Lu)

Family 43. Atopomelidae

164. **Atopomelus** *crocidurae* Fain & Lukoschus, 1977 [Type: Sumatra, Indonesia];
Bochkov *et al.*, 2005: 222; Bochkov and OConnor, 2006b: 3 (Lu, Sby, Bo, Cmg)
165. *Listrophoroides (L.) batomys* Bochkov & OConnor, 2006b: 10 [Type: Magdalo,
Balbalasang, Balbalan, Kalinga, Philippines] (**Lu***)**
166. *L. (L.) chrotomys* Bochkov & OConnor, 2006b: 23 [Type: Mt. Isarog, Naga,
Camarines Sur, Philippines] (**Lu**, Mdr)**
167. *L. (L.) crunomys* Bochkov & OConnor, 2006b: 17 [Type: Mt. Kitanglad, Camp
Phillips, Bukidnon, Philippines] (**Mdn**, Cmg)**
168. *L. (L.) insularis* Bochkov & OConnor, 2006b: 21 [Type: Magpa, Balbalasang,
Balbalan, Kalinga, Philippines] (**Lu***)**
169. **L. (Marquesiana)** *apomys* Bochkov & OConnor, 2006b: 36 [Type: Am-licao,
Balbalasang, Balbalan, Kalinga, Philippines] (**Lu***)**
170. *L. (M.) bullimus* Bochkov & OConnor, 2006b: 46 [Type: Mt. Timpoong, Mahinog,
Camiguin Is., Philippines] (**Cmg***)**
171. *L. (M.) corpuzrarosae* Bochkov & OConnor, 2006b: 51 [Type: Baybay, Leyte,
Philippines] (**Le***)**
172. *L. (M.) faini* Bochkov & OConnor, 2006b: 41 [Type: Magpa, Balbalasang,
Balbalan, Kalinga, Philippines] (**Lu***)**
173. *L. (M.) heaneyi* Bochkov & OConnor, 2006b: 39 [Type: Mt. Kitanglad, Camp
Phillips, Bukidnon, Philippines] (**Mdn***)**
174. *L. (M.) limonys* Bochkov & OConnor, 2006b: 44 [Type: Mt. Kitanglad, Camp
Phillips, Philippines] (**Mdn***)**
175. *L. (M.) luzonicus* Bochkov & OConnor, 2006b: 48 [Type: Am-licao, Balbalasang,
Balbalan, Kalinga, Philippines] (**Lu***)**
176. *L. (M.) paracucullatus* Bochkov & OConnor, 2006b: 29 [Type: Mt. Timpoong,
Camiguin Is., Philippines] (**Cmg**, Mdn)**

Family 44. **Gastronyssidae**

177. **Eidalonyssus** *myersi* Bochkov & OConnor, In: Bochkov *et al.*, 2008: 96 [Type:
10.5 km N, 4 km Baybay, Leyte, Philippines] (**Le***)**
178. **Gastronyssus** *philippinensis* Bochkov & OConnor, In: Bochkov *et al.*, 2008:
37; Corpuz-Raros and Lit, 2015: 46 [Type: Guinsayawan, Negros Oriental,
Philippines] (**N***)**
179. **Mycteronyssus** *haplonycteris* Bochkov & OConnor, In: Bochkov *et al.*, 2008:
90; Corpuz-Raros and Lit, 2015: 46 [Type: Lake Balinsasayao, 3 km N, 14 km
W Dumaguete City, Negros Oriental, Philippines] (**Le**, **N**, Mrp)**
180. **Opsonyssus** *asiaticus* Fain, 1959 [Type: Unknown locality in Asia]; Bochkov *et al.*,
2008: 75 (N)

181. *O. brutsaerti indicus* Fain, 1959 [Type: Farm Caves, Tenasserim, Taninthary Province, Myanmar]; Bochkov *et al.*, 2008: 37; Corpuz-Raros and Lit, 2015: 46 (N)
182. *O. klompeni* Bochkov & OConnor, In: Bochkov *et al.*, 2008: 76 [Type: 8 kmW, 1 km N Gigmoto, 200 m asl, Catanduanes, Philippines] (**Cat***)**
183. *O. macroglossus* Bochkov & OConnor, In: Bochkov *et al.*, 2008: 79 [Type: Lake Balinsasayao, 3 km N, 14 km W, Sibulan, Negros Oriental, Philippines] (**N***)**
184. *O. pseudoindicus* Bochkov & OConnor, In: Bochkov *et al.*, 2008: 71; [Type: 8.5 km N, 2.5 km E Baybay, Leyte, Philippines]; Corpuz-Raros and Lit, 2005: 46 (**Le***)**
185. *O. pteropodi* Bochkov & OConnor, In: Bochkov *et al.*, 2008: 73 [Type: Maripipi Is., Leyte, Philippines] (**Mrp***)**
186. *Yunkeracarus apomys* Bochkov & OConnor, In: Bochkov *et al.*, 2008: 106 [Type: 4.5 km S, E Magdiwang, Sibuyan Is., Romblon, Philippines] (**Sby***)**
187. *Y. limonys* Bochkov & OConnor, In: Bochkov *et al.*, 2008: 108 [Type: Camp Philips, 2,250 m asl, Mt. Kitanglad Ranges, Bukidnon, Philippines] (**Mdn***)**

Family 45. Listrophoridae

188. *Aeromychirus petinomys* Bochkov & OConnor, 2006a: 10 [Type: Mt. Kitanglad, Malaybalay, Bukidnon, Philippines] (**Mdn***)**
189. *Afrolistrophorus maculatus maculatus* Fain, 1976 [Type: Gunung Benom, Pahang, Malaysia]; Bochkov and OConnor, 2006a: 17 (Lu)
190. *Asiochirus suncus* (Radford, 1947) (*Listrophorus*) [Type: Colombo, Sri Lanka (Ceylon)]; Fain and Bochkov, 2003: 228; Bochkov and OConnor, 2006a: 20 (N, Cmg)
191. *Lynxacarus semnopitheci* Fain, 1970 [Type: North Borneo, Malaysia]; Bochkov and OConnor, 2006a: 14 (Lu, Pal)

Family 46. Kramerellidae

192. *Dermonoton longiventer* (Megnin & Trouessart, 1884) (*Pterolichus*) [Type: North America]; Desamero and Eduardo, 2011: 27 (Lu)

Family 47. Pterolichidae

193. *Montchadskiana pluvialis* Dubinin, 1951 [Type: Lake Tchani, Wrangel Island, Russia]; Dabert and Ehrnsberger, 1999: 241 (Lu).

Family 48. Syringobiidae

194. *Leptosyringobia longitarsa* (Megnin & Trouessart, 1884) (*Pterolichus*) [Type: France]; Dabert, 2003a: 27 & 2003b: 187 (PhX).

Family 49. Avenzoariidae

195. *Bychovskiata pseudocharadrii* Dubinin, 1951 [Type: Russia]; Mironov and Dabert, 1997: 106 (Lu)

Family 50. Proctophylloidae

196. *Montesauria pachypa* (Gaud, 1968) (*Pterodectes*) [Type: Rennell Is., British Solomon Is.]; Mironov, 2006: 32 (Mdn)

NOMENCLATRURAL CHANGES IN PREVIOUSLY REPORTED SPECIES

Order PARASITIFORMES

Order MESOSTIGMATA (Gamasida)

Family Uropodidae

11. *Rotundabaloghia cuyi* Hiramatsu & Hirschmann, 1992 – now *Angulobaloghia cuyi* (Ref: Kotschan, 2010: 23; Kotschan, 2011: 124) (now under Family Rotundabaloghiidae)
14. *R. luzonensis* Hiramatsu & Hirschmann, 1992 – now *Angulobaloghia luzonensis* (Ref: Kotschan, 2010: 23) (now under Family Rotundabaloghiidae)

Family Ascidae

85. *Lasioseius parberlesei* Bhattacharyya, 1968 – identity corrected as *L. chaudhrii* Wu and Wang, 1982 by Moraes *et al.* 2015: 6; genus *Lasioseius* now under Family Blattisocidae (Lindquist *et al.*, 2009)

Family Phytoseiidae

- 118-119. *Indoseiulus liturivorus* (Ehara, 1982) and *I. semirregularis* (Schicha & Corpuz-Raros, 1992) – now *Gynaeseius liturivorus* and *G. semirregularis*, respectively (Ref: Chant and McMurtry, 2006a: 23)
- 125-126. *Neoseiulus ficilocus* (Schicha & Corpuz-Raros, 1992) and *N. garciai* (Schicha & Corpuz-Raros, 1992) – now *Scapulaseius ficilocus* and *S. garciai*, respectively (Ref: Chant and McMurtry, 2005: 335)
- 130-131. *Neoseiulus maigsius* (Schicha & Corpuz-Raros, 1992) and *N. makilingensis* (Schicha & Corpuz-Raros, 1992) – now *Scapulaseius maigsius* and *S. makilingensis*, respectively (Ref: Chant and McMurtry, 2005: 335)
- 133-135. *Neoseiulus pulupotus* (Schicha & Corpuz-Raros, 1992), *N. rarusi* (Schicha & Corpuz-Raros) and *N. rimandoi* (Schicha & Corpuz-Raros, 1992) – now *Scapulaseius pulupotus*, *S. rarusi* and *S. rimandoi*, respectively (Ref: Chant and McMurtry, 2005: 335)
139. *Olpiseius kakaibaeus* (Schicha & Corpuz-Raros, 1992) – now *Phytodromips kakaibaeus* (Ref: Chant and McMurtry, 2005: 331; Chant and McMurtry, 2006b: 144; Chant and McMurtry, 2007: 65)

140. *O. wunde* (Schicha & Corpuz-Raros, 1992) – now ***Phytodromips wunde*** (Ref: Chant and McMurtry, 2005: 331; Chant and McMurtry, 2006b: 138; Chant and McMurtry, 2007: 65)
- 155-158. *Typhlodromalus bariles* (Schicha & Corpuz-Raros, 1992), *T. labis* (Corpuz & Rimando, 1966, *T. tasaformis* (Schicha & Corpuz-Raros) and *T. yerracharta* (Schicha & Corpuz-Raros, 1992) – now ***Scapulaseius bariles*, *S. labis*, *S. tasaformis*** and ***S. yerracharta***, respectively (Ref: Chant and McMurtry, 2005: 335)
- 159-163. *Typhlodromips asiaticus* (Evans, 1953), *T. beelarong* (Schicha & Corpuz-Raros, 1992), *T. cornuformis* (Schicha & Corpuz-Raros, 1992), *T. filipinus* (Schicha & Corpuz-Raros, 1992) and *T. heidrunea* (McMurtry & Schicha, 1987) – now ***Scapulaseius asiaticus*, *S. beelarong*, *S. cornuformis*, *S. filipinus*** and ***S. heidrunea***, respectively (Ref: Chant and McMurtry, 2005: 335)
- 165-173. *Typhlodromips leei* (Schicha & Corpuz-Raros, 1992), *T. markwelli* (Schicha, 1979), *T. papuaensis* (McMurtry & Moraes, 1985), *T. sigridae* (Schicha, 1982), *T. sottoi* (Schicha & Corpuz-Raros, 1992), *T. yandala* (Schicha & Corpuz-Raros, 1992), *T. yarnde* (Schicha & Corpuz-Raros, 1992), *T. yarra* (Schicha & Corpuz-Raros, 1992), and *T. yera* (Schicha & Corpuz-Raros, 1992) – now ***Scapulaseius leei*, *S. markwelli*, *S. papuaensis*, *S. sigridae*, *S. sottoi*, *S. yandala*, *S. yarnde*, *S. yarra*** and ***S. yera***, respectively (Ref: Chant and McMurtry, 2005: 335)

Family Argasidae

324. *Ornithodoros batuensis* Hirst, 1929 – now ***Carios batuensis*** (Ref: Klompen, Keirans and Durden, 1995: 36)

Family Ixodidae

332. *Boophilus microplus* (Canestrini, 1888) – now ***Rhipicephalus (Boophilus) microplus*** (Ref: Barker and Murrell, 2002: 55-68; Murrell and Barker, 2003: 169)

Order TROMBIDIFORMES (Suborder Actinedida)

Family Tydeidae

366. *Paralorryja eharai* Baker, 1968 – now ***Lorryja eharai*** (Ref: Kazmierski, 1998b: 332)

Family Cunaxidae

- 380, 386-387. *Cunaxa lukoschusi* Smiley, 1992, *C. venusae* Corpuz-Raros & Garcia, 1995 and *C. vizcayana* Corpuz-Raros & Garcia, 1995 – now ***Ruboscirus lukoschusi*, *R. venusae*** and ***R. vizcayana***, respectively (Ref: Skvarla *et al.*, 2014: 68)
- 404-405. *Pseudobonzia gruezoi* Corpuz-Raros & Garcia, 1996 and *P. longispina* Corpuz-Raros & Garcia, 1996 – now ***Neobonzia gruezoi*** and ***N. longispina***, respectively (Ref: Den Heyer, 2011b: 59-62; Skvarla *et al.*, 2014: 77)
411. *Neocunaxoides makapalus* Corpuz-Raros, 1996 – now ***Scutopalus makapalus*** (Ref: Rocha, *et al.*, 2013: 43; Skvarla *et al.*, 2014: 40)

412. *N. neopectinatus* (Shiba, 1976) – now ***Pulaeus neopectinatus*** (Ref: Skvarla *et al.*, 2014:32)
- 413-414. *Neocunaxoides philippinensis* Corpuz-Raros, 1995 and *N. rugosus* Corpuz-Raros, 1995 – now ***Scutopalus philippinensis*** and ***S. rugosus***, respectively (Ref: Rocha *et al.*, 2013:43; Skvarla, *et al.*, 2014: 40)
- 415-418, 421. *Pulaeus dentatus* Corpuz-Raros, 1996, *P. filipinus* Corpuz-Raros, 1996, *P. lenis* Corpuz-Raros, 1996, *P. longisetus* Corpuz-Raros, 1996 and *P. villacarlosae* Corpuz-Raros, 1996 – now ***Lupaeus dentatus***, ***L. filipinus***, ***L. lenis***, ***L. longisetus*** and ***L. villacarlosae***, respectively (Ref: Skvarla *et al.*, 2014: 28)

Family Trombiculidae

507. *Leptotrombidium (L.) fletcheri luzonense* Vercammen-Grandjean & Langston, 1976 – now elevated as full species, ***L. (L.) luzonense*** (Ref: Stekolnikov, 2013: 93)
508. *L. (L.) imphalum philippinense* Kolebinova, 1980 – now elevated as full species, ***L. (L.) philippinense*** (Ref: Stekolnikov, 2013: 66)
513. *L. (L.) mindanensis* Brown, 1992 – considered as junior synonym of ***L. (L.) longimedian*** Brown, 1992 (Ref: Stekolnikov 2013: 45)

Family Stigmaeidae

559. *Ledermuelleria maladahon* Rimando & Corpuz-Raros, 1997 – now ***Eustigmaeus maladahon*** (Rimando & Corpuz-Raros), new combination, with the sinking of *Ledermuelleria* Oudemans, 1923 as junior synonym of *Eustigmaeus* Berlese, 1910 (Ref: Dogan *et al.*, 2015: 291)
568. *Wooderia philippica* Rimando & Corpuz-Raros, 1997 – now ***Eustigmaeus philippica*** (Rimando & Corpuz-Raros), new combination, with the sinking of *Wooderia* Rimando & Corpuz-Raros, 1997 as junior synonym of *Eustigmaeus* Berlese, 1910 (Ref: Dogan *et al.*, 2015: 291)

Family Tetranychidae

673. *Tetranychus hydrangeae* Pritchard & Baker, 1955 – considered by various authors as junior synonym of ***Tetranychus kanzawai*** Kishida, 1927; synonymy confirmed as shown by ribosomal ITS2 sequences and cross-breeding experiments by Navajas *et al.*, 2001: 117.

Family Tenuipalpidae

683. *Rarosiella cocosae* Rimando, 1997 – considered as junior synonym of ***Raoiella indica*** Hirst, 1924 by Mesa *et al.*, 2009: 69; Dowling *et al.*, 2011: 257)
686. *Tenuipalpus matthyssei* (Pritchard & Baker, 1958) – now ***Colopalpus matthyssei*** with the reinstatement of *Colopalpus* Pritchard & Baker, 1958 (with which it was originally combined) as a valid genus, by Castro *et al.*, 2015: 310.

Family Eriophyidae

710. *Aceria saccharini* Wang, 1964 – specific name corrected as ***A. sacchari*** (Ref: Halliday, 2010: 257)

Family Tarsonemidae

9. *Steneotarsonemus madecassus* Gutierrez, 1968 – listed in addendum by Corpuz-Raros, 2007c: 188; considered as junior synonym of ***S. spinki*** Smiley, 1967 by Lin and Zhang, 2002: 183
737. *S. bancrofti* (Michael, 1890) (*Tarsonemus*) – noted as “doubtful species record” but actual documentation from Negros Is. on sugarcane was provided by Ewing (1939: 38) whose publication was missed in the 2005 checklist (**N**, not PhX)
740. *Tarsonemus setifer* Ewing, 1939 – considered as junior synonym of ***T. waitei*** Banks, 1904 by Lindquist (1986)

Hyporder ASTIGMATA (= Suborder Acaridida)
Family Acaridae

767. *Rhizoglyphus callae* Oudemans, 1924 – considered as junior synonym of ***R. echinopus*** (Fumouze and Robin, 1868) by Fan and Zhang, 2004: 74.
776. *Tyrophagus putrescentiae* (Schrank, 1781) (*Acarus*) [Neotype, designated by Robertson, 1959: Male, Medan, Deli, Sumatra, on tobacco seed; found to be damaged after its designation, prompting Klimov and OConnor, 2009 to designate another neotype with the following collection data – “Czech Republic, Bustehrad, grain store, April 1996” (UMMZ BMOC 08-1010-002)].

Fan and Zhang (2007) found that *Tyrophagus putrescentiae* as used worldwide actually comprises two different species, the more common of which they described as *Tyrophagus communis* Fan & Zhang 2007, and retained the name *T. putrescentiae* for the rarer one. Among the material of *T. communis* examined by Fan and Zhang (2007) from many countries worldwide, were some specimens intercepted in Queensland, Australia, coming from an unknown locality in the Philippines on banana (presumably fruits) and rice plant. However, Klimov and OConnor (2009) considered *T. communis* as a junior synonym of *T. putrescentiae* and renamed Fan and Zhang's rarer species as *T. fanetzhangorum* Klimov and OConnor, 2009.

To provide stability in usage of a very common, cosmopolitan species of medical and economic importance, Klimov and OConnor (2009, 2010) proposed to conserve current usage of the name *T. putrescentiae*, with a replacement neotype, under Article 75.6 of the International Commission on Zoological Nomenclature (Case 3501). Fan and Zhang (2014) strongly opposed “conservation by designation of a replacement neotype” and claimed that the case is “based on insufficient evidence and erroneous perceptions of presumed disruption to stability.” Klimov (2015) subsequently refuted the points raised by Fan and Zhang (2014) and further argued for their proposal. Klompen (2015) expressed support for the conservation of the name *T. putrescentiae*, adding that “its replacement by a new name would be highly disruptive and serve very little purpose”. The case remains unresolved as of now.

The author and associates (Corpuz-Raros *et al.*, 1988, 2005; Malabanan and Corpuz-Raros, 1998) have found *T. putrescentiae* to be common on stored

grains, animal feed, nests of bees, wasps and chicken, laboratory culture of fungi in agar, as well as leaves and litter of various plants, mainly ornamentals. These specimens need to be re-examined for possible mixture with other species. The name ***T. putrescentiae*** is retained presently, pending resolution of ICZN Case 3501 filed by Klimov and OConnor.

Family Falculiferidae

784. *Cheiloceras cornulatum* Atyeo & Gaud, 1978 – now ***Cheiloceratooides cornutum***, following species transfer from the genus *Cheiloceras* Trouessart, 1898 which Mironov and Hallan (2012: 160) found to be preoccupied by *Cheiloceras* Frech, 1897 (Mollusca: Cephalopoda) and renamed it as *Chelaceratooides*.

Family Analgidae

802. *Dicamaralges dasybrachius* Gaud & Atyeo, 1967 – considered as junior synonym of ***D. lorricatus*** (Vitzthum, 1927) by Mironov, 2004: 13; now under Family Psoroptoididae

• Family Avenzoariidae

813. *Pteronyssoides subtruncatus* (Trouessart, 1885) – now ***Sturnotrogus subtruncatus*** (Ref: Mironov, 1989: 118)

Suborder ORIBATIDA

Family Phthiracaridae (=Steganacaridae)

894. *Arphthiracarus furcatus* Niedbala & Corpuz-Raros, 1998 – now ***Notophthiracarus (N.) furcatus*** (Ref: Subias 2004/2006: 67; Subias *et al.*, 2012/2013: 446; Subias, 2004/2015: 68)
896. *Atropacarus (Hoplophorella) glaucus* (Hammer, 1972) – considered as junior synonym of ***A. (H.) hamatus*** (Ewing, 1909) by Niedbala *et al.*, 2006: 469; Niedbala, 2007: 75; Subias *et al.*, 2012/2013: 445; Subias, 2004/2015: 68

Family Euphthiracaridae

905. *Rhysotritia ardua* (Koch, 1841) – ow ***Acrotritia ardua*** with the sinking of *Rhysotritia* Markel & Meyer, 1959 as junior synonym of *Acrotritia* Jacot, 1923 (Ref: Subias, 2004/2006: 54; Subias *et al.*, 2012/2013: 441; Subias, 2004/2015: 58)
906. *Rhysotritia comteae* Mahunka, 1983 – considered as junior synonym of ***Acrotritia vestita*** (Berlese, 1913) (Ref: Subias, 2004/2005: 55; Subias *et al.*, 2012/2013: 442; Subias, 2004/2015: 60)
- 907-908. *Rhysotritia curticephala* Jacot, 1938 and *R.refracta* Niedbala, 1988 – now ***Acrotritia curticephala*** and ***A. refracta***, respectively, with the sinking of *Rhysotritia* Markel & Meyer, 1959 as junior synonym of *Acrotritia* Jacot, 1923 (Ref: Subias, 2004/2006: 54; Subias *et al.*, 2012/2013: 442; Subias, 2004/2015: 59)

909. *Rhysotritia sinensis* (Jacot, 1923) – now recombined with original genus *Acrotritia* Jacot, i.e. as ***Acrotritia sinensis*** Jacot (Ref: Subias, 2004/2006: 54; Subias *et al.*, 2012/2013: 441; Subias, 2004/2015: 60)
910. *Rhysotritia spiculifera* Mahunka, 1991 – considered as junior synonym of ***Acrotritia sinensis*** Jacot, 1923 (Ref: Niedbala, 2006: 121; Niedbala *et al.*, 2006: 469; Subias, 2004/2006: 54; Subias *et al.*, 2012/2013: 442; Subias, 2004/2015: 60; Liu and Zhang, 2014: 23)

Family Lohmanniidae

930. *Vepracarus cruzae* (Corpuz-Raros, 1979) – back to original combination as ***Papillacarus cruzae***, with the sinking of *Vepracarus* Aoki, 1965 as junior synonym of *Papillacarus* Kunst, 1959 (Ref: Subias, 2004/2006: 43; Subias *et al.*, 2012/2013: 436; Subias, 2004/2015: 42)
- 931-932. *Vepracarus hirsutus* (Aoki, 1961) and *V. ramirezae* (Corpuz-Raros, 1979) – now ***Papillacarus cruzae*** and ***P. ramirezae***, respectively, with the sinking of *Vepracarus* Aoki, 1965 as junior synonym of *Papillacarus* Kunst, 1959 (Ref: Subias, 2004/2006: 43; Subias *et al.*, 2012/2013: 436; Subias, 2004/2015: 42)
933. *Vepracarus ramosus* (Balogh, 1961) – back to original combination as ***Papillacarus ramosus*** Balogh, 1961, with the sinking of *Vepracarus* Aoki, 1965 as junior synonym of *Papillacarus* Kunst, 1959 (Ref: Subias, 2004/2006: 43; Subias *et al.*, 2012/2013: 436; Subias, 2004/2015: 42)

Family Epilohmanniidae

934. *Epilohmannia cylindrica* (Berlese, 1904) – identity of Philippine specimens corrected as ***Epilohmannia pallida pacifica*** Aoki, 1965 by Corpuz-Raros, 2010a: 196
935. *Neoepilohmannia rabori* (Corpuz-Raros, 1979) – now ***Epilohmannoides rabori*** with the sinking of *Neoepilohmannia* Bolen & McDaniel, 1989 as junior synonym of *Epilohmannoides* Jacot, 1936 (Ref: Subias, 2004/2006: 37; Subias *et al.*, 2012/2013: 439; Corpuz-Raros, 2010a: 199; Subias *et al.*, 2012/2013: 439; Subias, 2004/2015: 50)

Family Trhypochthoniidae

936. *Afronothrus sulcatus* Hammer, 1972 – considered as junior synonym of ***A. incisivus*** Wallwork, 1961 (Ref: Subias, 2004/2006: 84; Subias *et al.*, 2012/2013: 450; Subias, 2004/2015: 97)

Family Hermanniellidae

950. *Hermanniella punctulata* Berlese, 1908 – considered as junior synonym of ***Hermanniella picea*** (Koch, 1839) (Ref: Subias *et al.*, 2012/2013: 458; Subias, 2004/2015: 124)

Family Eremaeozetidae

962. *Eremaeozetes spathulatus* Balogh, 1962 – now ***Rogerzetes spathulatus*** (Ref: Colloff, 2012: 15; Subias *et al.*, 2012/2013: 509; Subias 2004/2015: 330)

Family Microzetidae

963. *Berlesezetes auxiliaris* (Grandjean, 1936) – considered as junior synonym of ***B. ornatissimus*** (Berlese, 1913) (Ref: Subias, 2004/2006: 142; Subias *et al.*, 2012/2013 439; Subias, 2004/2015: 335)

Family Damaeolidae

967. *Fosseremus quadripertitus* Grandjean, 1965 – considered as junior synonym of ***F. laciniatus*** (Berlese, 1904) (Ref: Subias, 2004/2006: 174; Subias *et al.*, 2012/2013: 468; Subias, 2004/2015: 184)
967. *Gressittolus mollis* (Hammer, 1971) – considered as junior synonym of ***G. marginatus*** (Balogh, 1970) (Ref: Subias, 2004/2006: 174; Subias *et al.*, 2012/2013: 467; Subias, 2004/2015: 184)

Family Carabodidae

980. *Carabodes peniculatus* Aoki, 1970 – considered as junior synonym of ***Carabodes palmifer*** Berlese, 1904 (Ref: Subias, 2004/2006: 271; Subias *et al.*, 2012/2013: 500; Subias, 2004/2015: 293)
983. *Neocarabodes sexpilosus* Balogh & Mahunka, 1989 – now ***Diplobodes (Neocarabodes) sexpilosus*** (Ref: Subias, 2004/2006: 275; Subias *et al.*, 2012/2013: 500; Subias, 2004/2015: 297)
984. *Philippibodes manguiati* (Corpuz-Raros, 1979) – now ***Bathocephus manguiati*** with the sinking of *Philippibodes* Balogh & Balogh, 1992 as junior synonym of *Bathocephus* Aoki, 1978 (Ref: Subias, 2004/2006: 269; Subias *et al.*, 2012/2013: 499; Subias *et al.*, 2004/2015: 290)
985. *Yoshiobodes humeratus* Berlese, 1913 – considered as *species inquirenda* and junior synonym of ***Y. nakatamarui*** Aoki, 1973 (Ref: Subias, 2004/2006: 279; Subias *et al.*, 2012/2013: 502; Subias, 2004/2015: 301)

Family Tectocephidae

987. *Tectocephus velatus novus* Hammer, 1967 – considered as junior synonym of ***Tectocephus minor*** Berlese, 1903 (Ref: Subias, 2004/2006: 280; Subias *et al.*, 2012/2013: 458; Subias, 2004/2015: 303)

Family Otocephidae

1042. *Kaibacepheus contiguus* Corpuz-Raros, 2004 – now ***Samarocephus (Kaibacepheus) contiguus*** (Ref: Subias *et al.*, 2012/2013: 419; Subias, 2004/2015: 286)

1047. *Leptotocepheus rosaeus* Corpuz-Raros, 2004 – now ***Basiceremaeus rosaeus*** (Ref: Corpuz-Raros and Gruezo 2008: 186; Subias *et al.*, 2012/2013: 495; Subias, 2004/2015: 282)
- 1054-1056. *Rimandocepheus brevisetosus* Corpuz-Raros, 1998, *R. leoi* Corpuz-Raros, 1998 and *R. longisetosus* Corpuz-Raros, 1998 – now ***Kalayaan (Rimandocepheus) brevisetosus*, *K. (R.) leoi* and *K. (R.) longisetosus***, respectively (Ref: Subias *et al.*, 2012/2013: 496, Subias, 2004/2015: 286)

Family Oppiidae

1080. *Oppia kuehnelti* Csiszar, 1961 – now ***Lasiobelba (L.) kuehnelti*** (Ref: Subias, 2004/2006: 195; Subias *et al.*, 2012/2013: 473; Subias, 2004/2015: 207)

Family Suctobelbidae

1095. *Discosuctobelba variosetosa* (Hammer, 1961) – now ***Suctobelbella (Ussuribata) variosetosa*** (Ref: Subias, 2004/2006: 2478; Subias *et al.*, 2012/2013: 488; Subias 2004/2015: 265)
1097. *Flagrosuctobelba semiplumosa* (Balogh & Mahunka, 1967) – now ***Suctobelbella (Flagrosuctobella) semiplumosa*** (Ref: Subias, 2004/2006: 247; Subias *et al.*, 2012/2013: 487; Subias 2004/2015: 264)
- 1098-1099. *Parasuctobelba complexa* (Hammer, 1958) and *P. medialis* (Balogh & Mahunka, 1974) – now ***Suctobelbella (Ussuribata) complexa* and *S. (U.) medialis***, respectively (Ref: Subias, 2004/2006: 247; Subias *et al.*, 2012/2013: 487; Subias, 2004/2015: 264)
- 1100-1101. *Suctobelba bullocki* Balogh & Mahunka, 1974 and *S. geometrica* Balogh & Mahunka, 1974 – now ***Suctobelbella (S.) bullocki* and *S. (S.) geometrica***, respectively (Ref.: Subias, 2004/2006: 247; Subias *et al.*, 2012/2013: 486; Subias, 2004/2015: 260)
1102. *Suctobelba multituberculata* Balogh & Mahunka, 1967 – now ***Suctobelbella (Ussuribata) multituberculata*** (Ref: Subias, 2004/2006: 247; Subias *et al.*, 2012/2013: 487; Subias, 2004/2015: 265)
1103. *Suctobelba transitoria* Balogh & Mahunka, 1974 – now ***Novosuctobela (N.) transitoria*** (Ref.: Subias *et al.*, 2012/2013: 486; Subias, 2004/2015: 256)
1104. *Suctobelba womersleyi* Balogh, 1968 – now ***Suctobelbella (Ussuribata) womersleyi*** (Ref: Subias, 2004/2006: 248; Subias *et al.*, 2012/2013: 488; Subias, 2004/2015: 265)
1105. *Suctobelbella insulana* (Hammer, 1972) – now ***Suctobelbella (Flagrosuctobelba) insulana*** (Ref: Subias, 2004/2006: 246; Subias *et al.*, 2012/2013: 487; Subias, 2004/2015: 263)

Family Caloppiidae (= Chaunoproctidae)

- 1114-1115. *Chaunoproctus latior* (Berlese, 1913) and *C. sottoetgarciai* (Corpuz-Raros, 1979) – now ***Zetorchella latior* and *Z. sottoetgarciai***, respectively (Ref: Subias *et al.*, 2012/2013: 520; Subias, 2004/2015: 398)

Family Haplozetidae (= Protoribatidae, = Xylobatidae)

1118. *Brasilobates maigsius* (Corpuz-Raros, 1979) – now **Protoribates (Triaunguis) maigsius** with the sinking of *Brasilobates* Perez-Inigo & Baggio, 1980 as junior synonym of *Protoribates* Berlese, 1908 (Ref: Subias, 2004/2006: 386; Subias *et al.*, 2012/2013: 530; Corpuz-Raros, 2013: 383; Corpuz-Raros, 2014: 3; Subias, 2004/2015: 429)
1120. *Perxylobates mayuloeus* Corpuz-Raros, 1979 – now **Setoxylobates (Plenoxxylobates) mayuloeus** (Ref: Subias, 2004/2006: 387; Subias *et al.*, 2012/2013: 430; Subias, 2004/2015: 430)
1121. *P. pseudovermiseta* Corpuz-Raros, 1979 – now **Octodurozetes pseudovermiseta** (Ref: Corpuz-Raros, 2009: 200) but combined as *Protoribates (P.) pseudovermiseta* by Subias (2004//2015: 428) who considers *Octodurozetes* Mahunka, 1993 as junior synonym of *Protoribates* Berlese, 1908.
1123. *Phalacrozetes sinatus* Aoki, 1965 – now **Vilhenabates (Phalacrozetes) sinatus** (Ref: Subias, 2004/2006: 308; Subias *et al.*, 2012/2013: 530; Subias, 2004/2015: 432)
1124. *Xylobates capucinus* (Berlese, 1913) – now **Protoribates (P.) capucinus** with the sinking of *Xylobates* Jacot, 1929 as junior synonym of *Protoribates* Berlese, 1908 (Ref: Subias, 2004/2006: 386; Subias *et al.*, 2012/2013: 529; Subias, 2004/2015: 427)
- 1125-1126. *Xylobates paracapucinus* Mahunka, 1988 and *Xylobates rodriguezi* Mahunka, 1985 – now **Protoribates (P.) paracapucinus** and **P. (P.) rodriguezi**, respectively, with the sinking of *Xylobates* Jacot, 1929 as junior synonym of *Protoribates* Berlese, 1908 (Ref: Subias, 2004/2006: 385; Subias *et al.*, 2012/2013: 530; Subias, 2004/2015: 428)
1127. *Protoribates monodactylus* (Haller, 1884) – considered as junior synonym of **Protoribates (P.) dentatus** (Berlese, 1916) (Ref: Subias, 2004/2006: 385; Subias *et al.*, 2012/2013: 529; Subias, 2004/2015: 427)
1129. *Incabates nudus* Hammer, 1961 – now **Lauritzenia (Incabates) nudus** (Ref: Subias, 2004/2006: 391; Subias *et al.*, 2012/2013: 532; Subias, 2004/2015: 435)
1130. *Incabates pahabaeus* Corpuz-Raros, 1980 – now **Scheloribates (S.) pahabaeus** under Family Scheloribatidae (Ref: Subias, 2004/2006: 374; Subias *et al.*, 2012/2013: 526; Subias, 2004/2015: 417; Corpuz-Raros and Lit, 2013: 160)
1131. *Incabates striatus* Corpuz-Raros, 1980 – renamed as **Scheloribates (S.) multirepittus** Subias, 2004 upon species transfer to the genus *Scheloribates* where it became preoccupied by *S. striatus* Hammer, 1958 (Subias, 2004/2006: 374; Subias *et al.*, 2012/2013: 526; Subias, 2004/2015: 416)
1132. *Indoribates apoensis* (Corpuz-Raros, 1979) – first considered as junior synonym of *I. (I.) pannaboeki* (Balogh & Mahunka, 1970) (Ref: Subias, 2004/2006: 389) but both species were regarded later as junior synonyms of **I. (I.) punctulatus** (Sellnick, 1925) (Ref: Subias, 2004/2015)
- 1138-1139. *Nixozetes javanus* Mahunka, 1977 and *N. samarensis* Corpuz-Raros, 2005 – now **Indoribates (I.) javanus** and **I. (I.) samarensis**, respectively, with the sinking of *Nixozetes* Mahunka, 1977 as junior synonym of *Indoribates* Jacot, 1929 (Ref: Subias, 2004/2006: 389; Subias *et al.*, 2012/2013: 531; Subias, 2004/2015: 433)

1150. *Philippizetes philippinensis* (Corpuz-Raros, 1979) – now ***Indoribates (Philippizetes) philippinensis*** (Ref: Subias, 2004/2006: 390; Subias *et al.*, 2012/2013: 532; Subias, 2004/2015: 434)
1151. *Rostrozetes ovulum* (Berlese, 1905) – now ***Trachyoribates (Rostrozetes) ovulum*** (Ref: Subias, 2004/2006: 396; Subias *et al.*, 2012/2013: 535; Subias 2004/2015: 441)

Family Scheloribatidae

- 1155-1158. *Ischeloribates benguetensis* Corpuz-Raros, 1980, *Ischeloribates cavernicolus* Corpuz-Raros, 1980, *I. minutus* (Pletzen, 1965) and *I. quezonensis* Corpuz-Raros, 1980 – now ***Perscheloribates (P.) benguetensis, P. (P.) cavernicolus, P. (P.) minutus*** and ***P. (P.) quezonensis***, respectively, with the sinking of *Ischeloribates* Corpuz-Raros, 1980 as junior synonym of *Perscheloribates* Hammer, 1973 (Ref: Subias, 2004/2006: 368; Subias *et al.*, 2012/2013: 524; Subias. 2004/2015: 410-411)
1159. *Makischeloribates tripartitus* Corpuz-Raros, 1980 – now ***Perscheloribates (Makischeloribates) tripartitus*** (Ref: Subias, 2004: 370; Subias *et al.*, 2012/2013: 525; Subias. 2004/2015: 411)
1160. *Nanobates payatosensillus* (Corpuz-Raros, 1979) – now ***Euscheloribates (Trischeloribates) payatosensillus*** (Ref: Subias *et al.*, 2012/2013: 523; Subias, 2004/2015: 408)
1171. *Philoribates filipinus* Corpuz-Raros, 1980 – now ***Hammerabates (Philoribates) filipinus*** (Ref: Subias, 2004/2006: 368; Subias *et al.*, 2012/2013: 524; Corpuz-Raros and Lit, 2013: 409; Subias, 2004/2015: 409)

Family Fenichelidae

1199. *Brassiella reticulata* (Oudemans, 1915) – considered as preoccupied by *Carabodes reticulatus* Berlese, 1913 and renamed as ***B. neonominata*** Subias, 2004 under Family Caloppiidae (Ref: Subias, 2004/2006: 396; Subias *et al.*, 2012/2013: 520; Ermilov *et al.*, 2014: 61; Subias, 2004/2015: 398)

Family Austrachipteriidae

1205. *Lamellobates hauseri* Mahunka, 1977 – considered as junior synonym of ***Lamellobates (Lamellobates) molecula*** (Berlese, 1916) by Perez-Inigo and Baggio, 1994: 193; Subias, 2004/2006: 305; Subias *et al.*, 2012/2013: 510; Subias, 2004/2015: 332); now under Family Ceratokalumnidae (Norton and Behan-Pelletier, 2009: 472)
1207. *Paramellobates ceylanicus* (Oudemans, 1915) – considered as junior synonym of ***Lamellobates (Paramellobates) misella*** (Berlese, 1910) (Ref: Subias, 2004/2006: 305; Subias *et al.*, 2012/2013: 530; Corpuz-Raros and Lit, 2013: 161; Subias, 2004/2015: 333); now under Family Ceratokalumnidae (Norton and Behan-Pelletier, 2009: 472)

**ADDENDUM TO THE BIBLIOGRAPHY OF PHILIPPINE ACARI (UP TO 2015)
AND OTHER REFERENCES CITED**

- ARCELO MM, JUSTO VP, QUIMIO GM, ASTRIDGE D. 2013. Population dynamics of red spider mites *Tetranychus kanzawai* on "Solo" papaya in Southern Mindanao. pp. 72-78. In: Oakesbott J, Hall D. (Eds.). Smallholder HOPES – Horticulture, People and Soil. Proceedings of the ACIAR-PCAARRD Southern Philippines Fruits and Vegetables Program Meeting, 3 July 2012, C e b u , Philippines.
- ATYEO WT, BRAASCH NL. 1966. The feather mite genus *Proctophyllodes* (Sarcoptiformes, Proctophyllodidae). Bulletin of the Nebraska State Museum 5: 1-354.
- AUFFENBERG T. 1988. *Amblyomma helvolum* (Acarina: Ixodidae) as a parasite of varanid and scincid reptiles in the Philippines. International Journal of Parasitology 18(7): 937-945.
- BANKS CS. 1904. The Australian tick (*Boophilus australis*) in the Philippine Islands. Bureau (Philippines) Government Laboratories No. 114: 13-21.
- BARKER SC, MURRELL A. 2002. Phylogeny, evolution and historical zoogeography: a review of recent progress. Experimental and Applied Acarology 28: 55-68
- BARTSCH I. 1994. The genus *Simognathus* (Acari: Halacaridae), description of six new species from southern Australia and a tabular key to all species. Acarologia 35(2): 135-152.
- BARTSCH I. 2005. *Lohmannella* and *Simognathus* (Halacaridae: Acari) from Western Australia: description of two new species and reflections on the distribution of these genera. Records of the Western Australian Museum 22: 293-307.
- BARTSCH I. 2009a. Psammobiont halacarid mites (Acari: Halacaridae) from St. John's Island, Singapore and remarks on the halacarid fauna of the Malay Peninsula. Raffles Bulletin of Zoology Supplement 22: 173-201.
- BARTSCH I. 2009b. Checklist of marine and freshwater halacarid mite genera and species (Halacaridae: Acari) with notes on synonym, habitats, distribution and descriptions of the taxa. Zootaxa 1998: 1-170.
- BAYUBAY ALG, CORPUZ-RAROS LA. 2006. Taxonomic survey of mites and sap-sucking insects associated with cassava especially in commercial plantations in Isabela Province, Philippines. The Philippine Entomologist 20(2): 102-125.
- BEARD JJ, OCHOA R. 2010. Ontogenetic modification in the Tuckerellidae (Acari: Tetranychoidae). International Journal of Acarology 36(2): 169-173.
- BEARD JJ, SEEMAN OD, BAUCHAN GR. 2014. Tenuipalpidae (Acari: Trombidiformes) from Casuarinaceae (Fagales). Zootaxa 3778(1): 1-157.
- BEARD JJ, WALTER DE, ALSOPP PG. 2003. Spider mites of sugarcane in Australia: review of grass-feeding *Oligonychus* Berlese (Acari: Prostigmata: Tetranychidae). Australian Journal of Entomology 42(1): 51-78.
- BERLESE A. 1916. Centuria prima di Acari nuovi. Redia 12: 289-360.
- BERTRAND M, PAPERNA I, FINKELMAN S. 1999 (2000). Pterygosomatidae: descriptions and observations on the genera *Pterygosoma*, *Geckobia* and *Hirstella* (Acari: Actinedida). Acarologia 40(3): 275-304.
- BOCHKOV AV, FAIN A. 2001. Phylogeny and system of the Cheyletidae (Acari: Prostigmata) with special reference to their host-parasite associations. Bulletin de l'Institut Royal des Sciences Naturelles Belges. Entomologie 71: 5-36.

- BOCHKOV AV, FAIN A. 2003a. New observations on mites of the family Myobiidae Megnin, 1877 (Acari: Prostigmata) with special reference to their host-parasite relationships. Bulletin de l'Institut Royal des Sciences Naturelles Belges. Entomologie 73: 5-50.
- BOCHKOV AV, FAIN A. 2003b. Revision of the subgenus *Marquesiana* (Acari, Atopomelidae). Invertebrate Systematics 17: 575-604.
- BOCHKOV AV, KLIMOV AV, OCONNOR BM. 2005. Fur mites of the genus *Atopomelus* Trouessart, 1918 (Acari: Atopomelidae): life cycle, phylogeny and host parasite associations. Acarologia 45: 207-241.
- BOCHKOV AV, MIRONOV SV. 1997. On a taxonomy of predatory mites of the genus *Neoeucheyla* Radford 1950 and related genera (Acari: Cheyletidae). Acarina 5 (1-2): 73-78.
- BOCHKOV AV, MIRONOV SV. 1998. *Samsinakia trilobitus* sp. n., a new cheyletid mite from South India (Acari: Cheyletidae). Entomologische Mitteilungen aus dem Zoologischen Museum Hamburg 12(157): 265-268.
- BOCHKOV AV, MIRONOV SV. 2000. Two new species of the genus *Geckobia* (Acari: Pterygosomatidae) from geckons (Lacertilia: Gekkomorphia) with a brief review of host-parasite associations. Russian Journal of Herpetology 7(1): 61-68.
- BOCHKOV AV, MIRONOV SV. 2007. The phenomenon of phylogenetic synhospitality in acariform mites (Acari: Acariformes) – the permanent parasites of vertebrates. Parazitologiya 42(2): 81-100.
- BOCHKOV AV, OCONNOR BM 2004. Phylogeny, systematics and biology of mites of the genera *Chelacheles* and *Neochelacheles* (Acari: Cheyletidae). Invertebrate Systematics 18: 547-592.
- BOCHKOV AV, OCONNOR BM. 2005. Phylogeny and host associations of the fur mite subgenus *Listrophoroides* Hirst (Acari: Atopomelidae) with an intrigue example of synhospitality in rats of the genus *Maxomys*. Invertebrate Systematics 19: 437-498.
- BOCHKOV AV, OCONNOR BM. 2006a. Revision of the fur mite family Listrophoridae (Acari: Astigmata) associated with Philippine mammals. Bulletin de l'Institut Royal des Sciences Naturelles Belges. Entomologie 76: 5-24.
- BOCHKOV AV, OCONNOR BM. 2006b. Fur-mites of the family Atopomelidae (Acari: Astigmata) parasitic on Philippine mammals: systematics, phylogeny and host-parasite relationships. Miscellaneous Publications of the Museum of Zoology University of Michigan 196: 1-62.
- BOCHKOV AV, OCONNOR BM, GOROG AJ. 2004. New species and records of fur mites (Acari: Astigmata: Atopomelidae) from Southeast Asian rodents (Rodentia: Muridae). Acarina 12(2): 67-86.
- BOCHKOV AV, WALTER DE. 2007. The life cycle of *Pomerantzia philippina* sp.n. (Prostigmata: Pomerantziidae) described from the Philippines. Acarina 15(1): 159-170.
- BOCHKOV AV, ZABLUDOVSKY S, OCONNOR BM. 2008. Phylogeny and systematics of the endoparasitic astigmatid mites (Acari: Sarcoptiformes) of mammals: families Gastronyssidae, Lemurnyssidae and Pneumocoptidae. Zootaxa 1951: 1-152.
- BONNET J. 1924. Revision des genres *Megninia*, *Mesalges* et genres voisins de la sous-famille des Sarcoptides plumiicoles (2^e partie). Bulletin de la Societe Zoologique de France 49: 190-218.

- BYERS KA, PROCTOR HC. 2014. Like a glove: do the dimensions of male adanal suckers and tritonymphal female docking papille correlate in the Proctophyllodidae (Astigmata: Analgoidea). *Acarologia* 54(1): 3-14
- CASTRO EB, OCHOA R, FERES RJF, BEARD JJ, BAUCHAN JR. 2015. Reinstatement of the genus *Colopalpus* Pritchard and Baker (1958) and re-description of *Colopalpus matthyssei* Pritchard and Baker (1958), the type species of the genus (Acari: Tenuipalpidae). *International Journal of Acarology* 41(4): 310-328.
- CASTRO TMMG, DEN HEYER J. 2009. A revision of the genus *Pulaeus* Den Heyer, with descriptions of a new genus and four new Brazilian species (Acari: Prostigmata: Cunaxidae). *Zootaxa* 2141: 20-36.
- CHANT DA, McMURTRY JA. 2005. A review of the subfamily Amblyseinae Muma (Acari: Phytoseiidae). Part VII. Tribe Amblyseini, Typhlodromipsini n. tribe. *International Journal of Acarology* 31(4): 315-340.
- CHANT DA, McMURTRY JA. 2006a. A review of the subfamily Amblyseinae Muma (Acari: Phytoseiidae). Part VIII. The tribes Macroseiini Chant, Denmark and Baker, Phytoseiulini n. tribe, Afroseiulini n. tribe and Indoseiulini Ehara and Amano. *International Journal of Acarology* 32(1): 13-25.
- CHANT DA, McMURTRY JA. 2006b. A review of the subfamily Amblyseinae Muma (Acari: Phytoseiidae). Part IX. An overview. *International Journal of Acarology* 32(2): 125-152.
- CHANT DA, McMURTRY JA. 2007. *Illustrated Keys and Diagnoses for the Genera and Subgenera of the Phytoseiidae of the World* (Acari: Mesostigmata). Indira Publishing House, West Bloomfield, Michigan. 200p.
- CHATTERJEE T, DE TROCH M. 2003. Halacaridae (Acari) from Pujada Bay (the Philippines): description and biogeography of three new and two known species. *Hydrobiologia* 499: 95-111.
- COETZE L. 2001. New species of the Family Lohmanniidae (Acari, Oribatida) from South Africa. *Navorsinge van die Nasionale Museum Bloemfontein* 17(3): 53-67.
- COLLOFF MJ. 2009. Comparative morphology and species-groups of the oribatid mite genus *Scapheremaeus* (Acari: Oribatida: Cymbaeremaeidae), with new species from South Australia. *Zootaxa* 2213: 1-46.
- COLLOFF MJ. 2012. New eremaeozetid mites (Acari: Oribatida: Eremaeozetoidea) from the south-western Pacific region and the taxonomic status of the Eremaeozetidae and Idiozetidae. *Zootaxa* 3435: 1-39.
- CORPUZ-RAROS LA. 1979. Philippine Oribatei (Acarina). 1. Preliminary list of species and descriptions of forty new species. *The Philippine Agriculturist* 62(1): 1-82.
- CORPUZ-RAROS LA. 1993. A checklist of Philippine mites and ticks (Acari) associated with vertebrates and their nests. *Asia Life Sciences* 2(2): 177-200.
- CORPUZ-RAROS LA. 1999. Four new species and one new record of Otocepheidae (Oribatida) from the Philippines. *The Philippine Entomologist* 13(2): 101-117.
- CORPUZ-RAROS LA. 2001. *Tuckerella filipina*, a new species of Tuckerellidae (Acari) from the Philippines (Acari: Cheyletidae). *International Journal of Acarology* 27(1): 71-74.
- CORPUZ-RAROS LA. 2002. A new name for *Amblyseius syzygii* Corpuz-Raros (Acari: Phytoseiidae). *The Philippine Agricultural Scientist* 86(1): 46.
- CORPUZ-RAROS LA. 2005. Checklist and bibliography of Philippine Acari (Arachnida), 1844-2005. *The Philippine Entomologist* 19(2): 99-167.

- CORPUZ-RAROS LA. 2007a. Additional species of Bonziinae and Cunaxoidinae and description of the male of *Coleoscirus horidula* (Tseng) (Coleoscirinae) from the Philippines (Cunaxidae, Acari). *Asia Life Sciences* 16(2): 153-173.
- CORPUZ-RAROS LA. 2007b. *Otopentacepheus* new genus, seven new species and one new record of Otocepheinae (Acari: Oribatida: Otocepheidae) from the Philippines. *The Philippine Entomologist* 21(1): 76-99.
- CORPUZ-RAROS LA. 2007c. Research note: Addenda and corrigenda on the checklist and bibliography of Philippine Acari (Arachnida), 1844-2005. *The Philippine Entomologist* 21(2): 186-191.
- CORPUZ-RAROS LA. 2008a. Additional species of Cunaxinae and first report of the subfamily Neobonziinae (Cunaxidae, Acari) from the Philippines. *Asia Life Sciences* 17(1): 71-89.
- CORPUZ-RAROS LA. 2008b. Seven new species of *Dolicheremaeus* (Acari: Otocepheidae) from the Samar Island Natural Park, Philippines. *The Philippine Entomologist* 22(1): 1-21.
- CORPUZ-RAROS LA. 2009a. Philippine oribatid mites of the genus *Phyllhermannia* Berlese 1916 (Acari: Oribatida: Hermannidae). *Asia Life Sciences* 18(1): 35-56.
- CORPUZ-RAROS LA. 2009b. The genera *Octodurozetes* and *Polillozetes* n. g. (Acari: Oribatida: Xylobatidae) from the Philippines. *Asia Life Sciences* 18(2): 195-205.
- CORPUZ-RAROS LA. 2009c. Additional contributions to the taxonomy of Philippine Oribatida (Acari) including descriptions of three new species of *Phyllhermannia* (Hermannidae), four new records and new island records in other groups. *The Philippine Entomologist* 23(1): 18-38.
- CORPUZ-RAROS LA. 2010a. Philippine soil mites of the family Epilohmanniidae (Acari: Oribatida). *Asia Life Sciences* 19(1): 191-206.
- CORPUZ-RAROS LA. 2010b. Additional new species and records of *Dolicheremaeus* (Acari: Oribatida: Otocepheidae) from the Visayas, Mindanao and Palawan, Philippines. *Asia Life Sciences Supplement* 4: 29-47.
- CORPUZ-RAROS LA. 2010c. Some mites of the family Oripodidae (Acari: Oribatida) from the Philippines. *The Philippine Entomologist* 24(1): 1-17.
- CORPUZ-RAROS LA. 2013. Oribatid mites of the subgenus *Protoribates* (*Triaunguis*) Kulijev (Acari: Oribatida: Protoribatidae) mainly from Mt. Makiling, Laguna, Philippines. *Asia Life Sciences* 22(2): 371-391.
- CORPUZ-RAROS LA. 2014. Additional species of soil mites of the subgenus *Protoribates* (*Triaunguis*) Kulijev (Acari: Oribatida: Protoribatidae), with key to Philippine species. *Asia Life Sciences* 23(1): 1-16.
- CORPUZ-RAROS LA, ERMILOV SG. 2015. First report of Malaconothridae (Acari, Oribatida) from the Philippines, with description of a new species of the genus *Malaconothrus*. *Acarina* 23(1): 63-68.
- CORPUZ-RAROS LA, GARCIA RC, RABARA-BRAVO CR, NAVASERO MM. 2005. New host and geographic records of Philippine plant mites (Acari), mainly on ornamental plants: II. Acaridida and Oribatida. *Asia Life Sciences* 14(2): 163-177.
- CORPUZ-RAROS LA, GRUEZO WSM. 2008. A revision of the genus *Basiceremaeus* Corpuz-Raros 1979 (Acari: Oribatida: Otocepheidae) including the description of a new species from Bangladesh. *Asia Life Sciences* 17(2): 179-187.
- CORPUZ-RAROS LA, GRUEZO WSM. 2009a. Three new species of *Phyllhermannia* Berlese 1916 (Acari: Oribatida: Hermannidae) from the Philippines, with notes on the chaetotaxy of notogaster and legs in this genus. *Asia Life Sciences* 18(1): 17-34.

- CORPUZ-RAROS LA, GRUEZO WSM. 2009b. New species and records of oribatids (Acari: Oribatida) from Palawan Island, Philippines with a note on *Acrotocepheus duplicornutus* (Aoki) from Bangladesh. *Asia Life Sciences* 18(2): 177-194.
- CORPUZ-RAROS LA, GRUEZO WSM. 2011. New species and records of Oribatida and other soil-inhabiting mites (Acari) mainly from Luzon and Mindanao Islands, Philippines. *Asia Life Sciences* 20(1): 37-61.
- CORPUZ-RAROS LA, LIT IL JR. 2005. Some soil-inhabiting mites (Acari) from Polillo Island, Philippines, with descriptions of two new species of oribatids (Oribatida). *Asia Life Sciences* 14(2): 179-190.
- CORPUZ-RAROS LA, LIT IL JR. 2009. Two new species of oribatids (Acari: Oribatida: Astegestidae, Lohmanniidae) and additional records of soil-inhabiting mites from Polillo Island, Philippines. *The Philippine Entomologist* 23(1): 8-17.
- CORPUZ-RAROS LA, LIT IL JR. 2013. Soil-inhabiting mites from the Quezon National Park and Southern Sierra Madre Mountains in Quezon Province, Luzon Island, Philippines. *The Philippine Entomologist* 27(2): 151-175.
- CORPUZ-RAROS LA, LIT IL JR. 2015. List of mites (Acari) inhabiting Philippine caves and cave-dwelling vertebrates. UPLB Museum Publications in Natural History 4: 30-54.
- CORPUZ-RAROS LA, RAROS RS. 1999. Philippine mites associated with rice and rice litter with notes on their abundance and diversity. *The Philippine Entomologist* 13(2): 113-127.
- CORPUZ-RAROS LA, SABIO GC, VELASCO-SORIANO M. 1988. Mites associated with stored products, poultry houses and house dust in the Philippines. *The Philippine Entomologist* 7(3): 311-321.
- DABERT J. 2003a. The feather mite family Syringobiidae Trouessart, 1896 (Acari, Astigmata, Pterolichoidea). II. Phylogeny and host-parasite evolutionary relationships. *Acta Parasitologica (Supplement)*: 1-184.
- DABERT J. 2003b. The feather mite family Syringobiidae Trouessart, 1896 (Acari, Astigmata, Pterolichoidea). I. Systematics of the family and description of new taxa. *Acta Parasitologica (Supplement)*: 185-233.
- DABERT J, EHRNSBERGER R. 1999. Systematics of the feather mite genus *Montchadskiana* Dubinin, 1951 (Pterolichoidea, Pterolichidae, Magimeliinae), with description of five new species. *Acta Zoologica Cracoviensia* 42(2): 219-249.
- DEN HEYER J. 2011a. Some statistics on the taxonomy of the family Cunaxidae (Acari: Prostigmata). *Zoosymposia* 6: 34-38.
- DEN HEYER J. 2011b. The genus *Coleobonzia* declared synonymous with *Neobonzia* Smiley, 1992 (Bdelloidea: Cunaxidae: Coleoscirinae). *Zootaxa* 2817: 59-62.
- DESAMERO MJM, EDUARDO SL. 2011. Some ectoparasites from Philippine owls (Strigiformes: Strigidae) with description of a new louse species, *Kurodaia (Conciella) theresamunditae* Desamero & Eduardo (Amblycera: Menoponidae). *Philippine Journal of Veterinary Medicine* 48(1): 27-34.
- DI PALMA A. de MORAES GJ, GERDEMAN BS, HUBER S, KITAJIMA EW, ALBERTI G. 2015. Ultrastructural and functional adaptations of the female reproductive system in the family Heterozerconidae (Acari, Anactinotrichida, Gamasida, Heterozerconina) and implications for the systematic position of the group. *Arthropod Structure & Development* (2015): <http://dx.doi.org/10.1016/j.asd.201509.002>.

- DILIPKUMAR M, AHADIYATA, MASAN P, CHUAH TS. 2015. Mites (Acari) associated with *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae) in Malaysia, with a revised list of the mites found on this weevil. *Journal of Asia-Pacific Entomology* 18(2): 169-174.
- DOGAN S, BINGUL M, DILKARAOGLU, FAN QH. 2015. Description of a new species of the genus *Stigmaeus* Koch (Acari: Stigmaeidae) from Turkey, with a list of described species in the world. *International Journal of Acarology* 41(4): 290-299.
- DOMROW R. 1961. New and little known Laelaptidae, Trombiculidae and Listrophoridae (Acarina) from Australasian mammals. *Proceedings of the Linnean Society of New South Wales* 86: 60-95.
- DOMROW R. 1984. Acari from Operation Drake in New Guinea. 3. Paramegistidae. *Acarologia* 25(1): 5-16.
- DOWLING APG, OCHOA R, BEARD JJ, WELBOURN WC, UECKERMANN EA. 2011. Phylogenetic investigation of the genus *Raoiella* (Prostigmata: Tenuipalpidae): diversity, distribution and world invasions. *Experimental and Applied Acarology* 57(3-4): 257-269.
- EDUARDO SL. 2015. *Freyana anatina* (Koch, 1844) (Acarina: Freyanoidea) from the Wandering Whistling Duck, *Dendrocygna arcuata arcuata* (Horsfield, 1824) (Anseriformes: Anatidae) in the Philippines. *Philippine Journal of Veterinary Medicine* 52(2): 125-130.
- EHARA S. 1969. Spider mites of sugar cane in Eastern Asia (Acarina: Tetranychidae). *Journal of the Faculty of Education Tottori University Natural Science* 20: 19-25.
- EL-BANHAWY EM, ABOU-AWAD BA. 1990. Description of hypopial stage of a new species of mite associated with the honey bee *Apis dorsata* F. (Acari: Acaridae). *Zoologische Jahrbucher, Abteilung fur Systematik Okologie und Geographie der Tiere* 117(2): 269-271.
- ERMILOV SG, ANICHKIN AE. 2013. Oribatid mites (Acari: Oribatida) of fungi from Dong Nai Biosphere Reserve, Southern Vietnam. *Persian Journal of Acarology* 2(2): 195-208.
- ERMILOV SG, CORPUZ-RAROS L. 2015a. The oribatid mite genus *Notogalumna* (Acari, Oribatida, Galumnidae) with description of a new species from the Oriental Region. *Acarologia* 55(3): 267-276.
- ERMILOV SG, CORPUZ-RAROS L. 2015b. Additions to the Philippine oribatid mite fauna (Acari, Oribatida) with description of two new species. *International Journal of Acarology* 41(7): 606-616.
- ERMILOV SG, CORPUZ-RAROS L. 2015c. New species of galumnid mites of the genera *Mirogalumna* and *Pergalumna* from the Philippines (Acari, Oribatida, Galumnidae). *Systematic and Applied Acarology* 20: 556-566.
- ERMILOV SG, CORPUZ-RAROS L. 2015d. New species of oribatid mites with auriculate pteromorphs (Acari, Oribatida, Galumnidae) from the Philippines. *Zootaxa* 3905(4): 511-528.
- ERMILOV SG, CORPUZ-RAROS L. 2015e. A new subgenus and two new species of oribatid mites of the genus *Neoribates* (Acari, Oribatida, Parakalumnidae) from the Philippines. *Zootaxa* 3956(2): 224-238.
- ERMILOV SG, CORPUZ-RAROS L, SHIMANO S. 2014. First reports of Galumnellidae (Acari, Oribatida) from the Philippines, with description of *Galumnella junichiaokii* sp.n. *Acarina* 22(2): 85-91.

- ERMILOV SG, CORPUZ-RAROS L, TOLSTKOV AV. 2014. The oribatid mite subgenus *Galumna* (*Galumna*) (Acari, Oribatida, Galumnidae) in the Philippines. *ZooKeys* 452:1-13.
- ERMILOV SG, KALUZ S, MARTENS J. 2014. Additions to the Indian oribatid mite fauna, with description of a new species of the genus *Niphocepheus* (Acari, Oribatida). *Systematic and Applied Acarology* 19(1): 58-66.
- ERMILOV SG, MARTENS J. 2014. A new species of *Perscheloribates* (Acari, Oribatida, Scheloribatidae) from Nepal, with a key to all species of the genus from the Oriental Region. *Acarina* 22(1): 14-19.
- ERMILOV SG, WINCHESTER NN, LOHMAN MM, WASSIE A. 2012. Two new species of oribatid mites (Acari, Oribatida) from Ethiopia, including a key to species of *Pilobatella*. *Systematic and Applied Acarology* 17(3): 301-317.
- ESTRADA-PEÑA JM, VENZAL JM, NAVA S, MANGOLD AJ, GUGLIELMONE AA, LABRUNA MB. 2012. Reinstatement of *Rhipicephalus* (*Boophilus*) *australis* (Acari: Ixodidae) with description of the adult and larval stages. *Journal of Medical Entomology* 49(4): 794-802.
- EWING HE. 1939. A revision of the mites of the subfamily Tarsoneminae of North America, the West Indies and the Hawaiian Islands. *Technical Bulletin of the United States Department of Agriculture* 653: 1-63.
- FAIN A, BOCHKOV AV. 2003. A review of the subgenus *Asiochirus* Fain, 1970 (Acari: Listerophoridae). *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique. Entomologie* 73: 227-232.
- FAIN A, CAMERIK AM. 1994. Notes on mites of the genus *Ereynetes* Berlese (Acari: Ereynetidae), with description of five new species from South Africa. *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique. Entomologie* 64: 145-164.
- FAN QH, ZHANG ZQ. 2004. Revision of *Rhyzoglyphus* Claparede (Acari: Acaridae) of Australasia and Oceania. *Systematic and Applied Acarology*, London. 374 p.
- FAN QH, ZHANG ZQ. 2007. *Tyrophagus* (Acari: Astigmata: Acaridae). *Fauna of New Zealand* 56: 1-291. Manaaki Whenua Press, Landcare Research.
- FAN QH, ZHANG ZQ. 2014. Comment on the proposed conservation of usage by designation of a replacement neotype for *Acarus putrescentiae* Schrank, 1781 (currently *Tyrophagus putrescentiae*; Acariformes, Acaridae) (Case 3501; see BZN 167: 24-27). *Zoological Bulletin* 71(2): 99-102.
- FARFAN M, KLOMPEN H. 2012. Phoretic mite associates of millipedes (Diplopoda, Julidae) in the northern Atlantic region (North America, Europe). *International Journal of Myriapodology* 7: 76-91.
- FLECHTMANN CHW. 2012. *Schizotetranychus*-like spider mites (Acari, Prostigmata, Tetranychidae) – revisited, new combinations and a key to groups of *Schizotetranychus* based on females. *Acarologia* 52(1): 87-95.
- FUANGARWORN M, LEKPRAYOON C. 2004. A new species and new records of *Pseudobonzia* Smiley (Acari: Prostigmata: Cunaxidae) from Thailand. *Natural History Journal of the Chulalongkorn University* 4(2): 45-51.
- FUANGARWORN M, LEKPRAYOON C. 2010. Two new species of cheyletid mites (Acari: Prostigmata) from Thailand. *Zootaxa* 2494: 59-68.
- GAJUDO CE, PILI AV, CARPIO M, LAZARO T. 1987. Acaricidal evaluation on the efficacy of Taktic (Amitraz) against sarcoptic mange in pigs. *Philippine Journal of Veterinary and Animal Science* 13(4): 57-58.

- GERDEMAN BS, GARCIA RC. 2010. Heterozerconidae: a comparison between a temperate and tropical species. pp. 93-96. In: Sabelis MW, Dordrecht BJ, Eds. Trends in Acarology, Proceedings of the 12th International Congress. Springer Sciences.
- GLOWSKA E, CHRANOWSKI, KASZEWSKA K. 2015. Checklist of the quill mites (Acariformes: Syringophilidae) of the world. Zootaxa 3968: 1-81.
- GUGLIELMONE AA, ROBBINS RG, APANASKEVICH DA, PETNEY TN, ESTRADA-PEÑA, E. HORAK IG. 2009. Comments on controversial tick (Acari: Ixodida) species names and species described or resurrected from 2003 to 2008. Experimental and Applied Acarology 43: 311-329.
- GUGLIELMONE AA, ROBBINS RG, PANASKEVICH DA, PETNEY TN, ESTRADA-PEÑA, E. HORAK IG, SHAO R, BARKER SC. 2010. The Argasidae, Ixodidae and Nuttalliellidae (Acari: Ixodida) of the world: a list of valid species names. Zootaxa 2528: 1-28.
- HAITLINGER R. 1989. New canestriniid mites (Acari, Astigmata, Canestriniidae) associated with Scarabaeidae and Cerambycidae (Insecta, Coleoptera). Wiadomosci Parazytologiczne 35(6): 585-601.
- HAITLINGER R. 2009a. New species of mites (Acari: Astigmata: Heterocoptidae) from the Australian and Oriental Regions, with a description of the female of *Uvallicoptes peeteri* Haitlinger, 1999. Biologia 64(2): 324-339.
- HAITLINGER R. 2009b. New species of mites (Acari: Heterostigmata: Heterocoptidae) from Indo-Australian region. Zesty Naukowe Akademii Polniczej w Wroclawiu, Zootechnika 58(572): 61-72.
- HALLIDAY RB. 1993. A new species of *Scissuralaelaps* Womersley (Acarina: Laelapidae) associated with large Australian cockroaches. Australian Journal of Entomology 32(4): 347-353.
- HALLIDAY RB. 2010. Taxonomic confusion surrounding mite pests of sugarcane and rice (Acari: Eriophyidae). Systematic and Applied Acarology 15: 257-262.
- HERNANDES FA, FERES RJF. 2010. Geographical occurrence and host associations of *Aponychus*, *Paraponychus* and *Stylophoronychus* species (Tetranychidae, Tetranychinae). Acarologia 50(4): 495-499.
- HERNANDES FA, FERES RJF. 2013. Phylogeny and taxonomic revision of the spider mite genera *Aponychus*, *Paraponychus* and *Stylophoronychus* using morphology. Invertebrate Systematics 27: 265-281.
- HIRSCHMANN W. 1979. Gangsystematik der Parasitiformes. Teil 338. Bestimmbare Uropodiden-Arten der Erde (ca. 1200 Arten), geordnet nach dem Gangstem Hirschmann 1979 und nach Adulten-Gruppen (Stadien, Heimatlander, Synonym, Literatur). Acarologie 26: 15-57.
- HIRSCHMANN W. 1992. Gangsystematik der Parasitiformes Teil 537. Adultengruppen, Verzeichnisse der 129 *Rotundabaloghia*-Arten (Dinychini, Uropodinae). Acarologie 39: 96-99.
- HIRSCHMANN W, HIRAMATSU N. 1992. Gangsystematik der Parasitiformes Teil 533. 34 *Rotundabaloghia*-Arten aus Asien (Japan, Neuguinea, Philippinen, Borneo) (Dinychini, Uropodinae). Acarologie 39: 9-25.
- HONG XY, ZHANG ZQ. 1996. A phylogenetic study of the tribe Cecidophyini Keifer (Acari: Eriophyidae). Oriental Insects 30: 279-300.
- HONG XY, ZHANG ZQ. 1997. Systematics and generic relationships of the mites in the subfamily Diptilomiopinae (Acari: Eriophyoidea: Diptilomiopidae). Systematic Entomology 22: 313-331.

- HOOGSTRAAL H. 1972. The influence of human activity on tick distribution, density and diseases. *Wiadomosci Parazytologiczne* 18(4-6): 501-516.
- HOOGSTRAAL H, AESCHILMANN A. 1982. Tick-host specificity. *Mitteilungen der Schweizerischen Entomologischen Gesellschaft Bulletin de la Societe Entomologique Suisse* 5: 5-32.
- HOOGSTRAAL H, KOHLS GM, TRAPIDO H. 1965. *Haemaphysalis (Rhipistoma) eupleres* sp. n. from a Madagascar carnivore and definition of the genus *Rhipistoma* Koch (resurrected) (Ixodoidea: Ixodidae). *Journal of Parasitology* 51: 997-1000.
- HUSBAND RW, HUSBAND DO. 2011. *Tetrapolipus anoplophorae* sp. nov. (Acari: Podapolipidae), ectoparasite of *Anoplophora lucipora* (Coleoptera: Cerambycidae) from the Philippines. *Systematic and Applied Acarology* 16(3): 266-274.
- HUTU MI. 1972. Gangsystematik der Parasitiformes. Teil 125. Aktuelle Kenntnisse uber die weltweite Verbreitung der Uropodiden (Acari, Parasitiformes). *Acarologie* 18: 95-106.
- KALUZ S, VRABEC M. 2013. Two new species of *Armascirus* (Acari: Prostigmata: Cunaxidae) from Slovakia. *Zootaxa* 3734(2): 141-155.
- KANOUEH M, KREITER S, DOUIN M, TRIXIER MS. 2012. Revision of the genus *Neoseiulella* Muma (Acari: Phytoseiidae). Redescription of species, synonymies, assessment, biogeography, plant supports and key to adult females. *Acarologia* 52(3): 259-348.
- KAZIMIERSKI A. 1998a. A review of the genus *Proctotydaeus* Berlese (Actinedida: Tydeidae: Pronematinae). *Acarologia* 39(1): 33-47.
- KAZIMIERSKI A. 1998b. Tydeinae of the world: generic relationships, new and redescribed taxa and keys to all species. A revision of the subfamilies Pretydeinae and Tydeinae (Acari: Actinedida: Tydeidae). Part 4. *Acta Zoologica Cracoviensia* 41(2): 283-455.
- KEIFER HH. 1969. Eriophyid studies C-1. Entomology Research Division, Agricultural Research Service, US Department of Agriculture: 1-20.
- KEIRANS HH. 1992. Systematics of the Ixodida (Argasidae, Ixodidae, Nuttalliellidae): an overview and some problems. pp. 1-21. In: Fivaz B, Petney T, Hovak I., Eds. *Tick Vector Biology. Medical and Veterinary Aspects*. Springer-Verlag, Heidelberg.
- KLIMOV PB. 2015. Comment on *Acarus putrescentiae* Schrank, 1781 (currently *Tyrophagus putrescentiae*; Acariformes: Acaridae): proposed conservation of usage by designation of a replacement neotype. *Bulletin of Zoological Nomenclature* 72(1): 50-56.
- KLIMOV PB, OCONNOR BM. 2009. Conservation of the name *Tyrophagus putrescentiae*, a medically and economically important mite species (Acari: Acaridae). *International Journal of Acarology* 35(2): 95-114.
- KLIMOV PB, OCONNOR BM. 2010. Case 3501. *Acarus putrescentiae* Schrank, 1781 (currently *Tyrophagus putrescentiae*; Acariformes: Acaridae): proposed conservation of usage by designation of a replacement neotype. *Bulletin of Zoological Nomenclature* 67(2): 24-27.
- KLOMPEN J. 2015. Comment on *Acarus putrescentiae* Schrank, 1781 (currently *Tyrophagus putrescentiae*; Acari Acariformes, ACARIDAE): proposed conservation of usage by designation of a replacement neotype (Case 3501; see BZN 67: 24-27; 71: 99-102). *Bulletin of Zoological Nomenclature* 72(2): 152.

- KONTSCHAN J. 2010. Rotundabloghiid Mites of the World (Acari, Mesostigmata: Uropodina). Ad Librum Kiado, Budapest. 116 p.
- KONTSCHAN J. 2011. First record of the family Rotundabaloghiidae Hirschmann, 1975 in India, with description of two new species of *Angulobaloghia* Hirschmann 1975 (Acari: Mesostigmata: Uropodina). *Opuscula Zoologica Budapest* 42(2): 121-124.
- KONTSCHAN J, MAZA G, NANNELLI, ROVERSI PF. 2014a. *Nenteria extremica* n. sp., a new Uropodina mite (Acari: Mesostigmata) collected on *Rhynchophorus ferrugineus* in Italy with notes on other Uropodina mites associated with Red Palm Weevil. *Redia* 97: 63-69.
- KONTSCHAN J, MAZA G, NANNELLI R, ROVERSI PF. 2014b. The true identity of the Red Palm Weevil associated Uropodina mite, *Centrouropoda almerodai* Hiramatsu and Hirschmann, 1992. *Redia* 97: 83-88.
- KRANTZ GW, WALTER DE. 2009. A Manual of Acarology. 3rd Ed. Texas Tech University Press, Lubbock, Texas.
- LIN JZ, ZHANG ZQ. 2002. Tarsonemidae of the World (Acari: Prostigmata). Key to Genera, Geographical Distribution, Systematic Catalogue and Annotated Bibliography. Systematic and Applied Acarology Society, London. 440 p.
- LINDQUIST EE. 1986. The world genera of Tarsonemidae (Acari: Heterostigmata): a morphological, phylogenetic and systematic revision, with a reclassification of family-group taxa in the Heterostigmata. *Memoirs of the Entomological Society of Canada* 136: 1-517.
- LINDQUIST EE, KRANTZ W, WALTER DE. 2009. Order Mesostigmata. p. 124-232. In: Krantz GW and Walter, DE. A Manual of Acarology. 3rd Ed. Texas Tech University Press, Lubbock.
- LIU D. 2015. Review of *Oribotritia* (Acari, Oribatida, Oribotritiidae) with a world checklist and description of a new species from China. *Zootaxa* 4007(2): 217-241.
- LIU D, CHEN J. 2010. A checklist of the genus *Mesoplophora* Berlese (Acari: Oribatida: Mesoplophoridae) with description of a newly recorded species from China. *Entomotaxonomia* 32(2): 149-156.
- LIU D, CHEN J, XIAO GX. 2009a. Review of *Apoplophora* (Acari: Oribatida: Mesoplophoridae) with the description of a new species from China. *Zootaxa* 2051: 49-61.
- LIU D, CHEN J, XIAO GX. 2009b. Review of *Austrotritia* (Acari: Oribatida: Oribotritiidae) with description of two new species from China. *Zootaxa* 2144: 54-64.
- LIU D, YI TC, XU Y, ZHANG ZQ. 2013. Hotspots of new species discovery: new mite species during 2007 to 2012. *Zootaxa* 663: 1-102.
- LIU D, ZHANG ZQ. 2014. Redescription of *Austrotritia lebronnecei* (Oribotritiidae) and descriptions of two new species of Euphthiracaridae (Acari, Oribatida) from Australian Region. *International Journal of Acarology* 40(1): 43-51.
- LUNDBLAD O. 1969. Indische Wassermilben, hauptsächlich von Hinterindien. *Arkiv fur Zoologie* 22: 289-443.
- MALABANAN JM, CORPUZ-RAROS LA. 1998. Mites associated with *Apis mellifera* Linnaeus and *Apis cerana* Fabricius in the Southern Tagalog Region, Philippines. *The Philippine Entomologist* 11(2): 123-135.
- MALVEDA ALU, CORPUZ-RAROS LA. 2006. Biology and morphology of the predatory mite *Neoseiulus calorai* (Corpuz & Rimando) reared on *Tetranychus urticae* Koch (Acari: Tetranychidae). *The Philippine Entomologist* 20(1): 56-80.

- MEJIA-RECAMIER BE, PALACIOS JG. 2007. Three new species of *Neoscirula* (Prostigmata: Cunaxidae) from a tropical dry forest in Jalisco, Mexico. *Zootaxa* 1545: 17-31.
- MERTINS JW, BOCHKOV AV. 2014. Key to species of the genus *Neocheyletiella* (Acariformes: Cheyletidae), with description of a new species. *Journal of Medical Entomology* 51(6): 1116-1121.
- MESA NC, OCHOA R, WELBOURN WC, EVANS GA, MORAES GJ de. 2009. A catalog of the Tenuipalpidae (Acari) of the world with a key to genera. *Zootaxa* 2098: 1-185.
- MICHENER D. 1946. The taxonomy and bionomics of a new subgenus (Megatrombicula) of chigger mites (Acarina: Trombiculinae). *Annals of the Entomological Society of America* 39: 431-445.
- MICHERDZINSKI W. 1980. Eine taxonomische Analyse der Familie Macronyssidae Oudemans 1930. 1. Subfamily Ornithonyssinae Lange, 1958 (Acarina, Mesostigmata). *Pantswowe Wydawbictowa Naukowe, Warsaw*. P. 1-264.
- MIGEON A, FLECHTMANN CHW. 2004. First additions and corrections to the world catalogue of the spider mite family (Acari: Tetranychidae). *International Journal of Acarology* 30: 143-152.
- MIRONOV SV. 1989. A brief review of the feather mites of the genus *Zachvatkinia* in the USSR (Analgoidea: Avenzoariidae). *Parazitologicheskii Sbornik* 35: 96-124.
- MIRONOV SV. 2000. A review of the feather mite genus *Scutomegninia* Dubinin, 1951 (Acarina: Analgoidea: Avenzoariidae). *Acarina* 8(1): 9-58.
- MIRONOV SV. 2004. Taxonomic notes on four genera of the feather mite subfamily Pandalurinae (Astigmata: Psoroptoididae). *Acarina* 12(1): 13-16.
- MIRONOV SV. 2006. Feather mites of the genus *Montesauria* Oudemans (Astigmata: Proctophylloidae) associated with starlings (Passeriformes: Sturnidae) in the Indo- Malayan Region. *Acarina* 14(1): 21-40.
- MIRONOV SV, BOCHKOV AV, FAIN A. 2005. Phylogeny and evolution of parasitism in feather mites of the families Epidermoptidae and Dermationidae (Acari: Analgoidea). *Zoologischer Anzeiger* 243(3): 155-179.
- MIRONOV SV, DABERT J. 1997. A systematic review of the feather mite genus *Bychovskiata* Dubinin (Analgoidea: Avenzoariidae) with description of 11 new species. *Mitteilungen aus dem Hamburgischen Museum und Institut* 94: 91-123.
- MIRONOV SV, HALLAN J. 2012. A new name for the feather mite genus *Cheiloceras* Trouessart, 1899 (Acari: Astigmata: Falculiferidae). *Acarina* 20(1): 60-61.
- MIRONOV SV, OCONNOR BM. 2013. Two new genera of mites of the family Hypoderatidae (Acari: Astigmata) from swifts and their nests (Apodiformes: Apodidae) from the Philippines. *International Journal of Acarology* 39(3): 209-234.
- MORAES GJ de, ABO-SHNAF RI, PEREZ-MADRUGA Y, SANCHEZ L, KARMAKAR K, HO CC. 2015. The *Lasioseius phytoseioides* species-group (Acari: Blattisocidae): new characterisation, description of a new species, complementary notes on seven described species and a taxonomic key for the group. *Zootaxa* 3980(1): 1-41.
- MUMA MH. 1964. Cheyletidae (Acarina: Trombidiformes) associated with citrus in Florida. *The Florida Entomologist* 46: 239-253.
- MURRELL A, BARKER SC. 2003. Synonymy of *Boophilus* Curtice, 1891 with *Rhipicephalus* Koch, 1844 (Acari: Ixodidae). *Systematic Parasitology* 56(3): 169-172.

- NAVAJAS M, GUTIERREZ J, WILLIAMS M, GOTOH T. 2001. Synonymy between two spider mite species, *Tetranychus kanzawai* and *T. hydrangeae* (Acari: Tetranychidae), shown by ribosomal ITS2 sequences and cross-breeding experiments. *Bulletin of Entomological Research* 91(2): 117-123.
- NAVASERO MM, CORPUZ-RAROS LA. 2014. Survey of host plants and predatory mites associated with the Broad Mite, *Polyphagotarsonemus latus* (Banks) (Acari: Tarsonemidae), and other Acari in selected provinces in Luzon and Palawan Islands, Philippines. *The Philippine Entomologist* 28(1): 1-31.
- NAVASERO MM, CORPUZ-RAROS LA, NAVASERO MV, CAYABYAB BF. 2015. Survey of mites (Acari) associated with outbreak populations of *Aspidiotus rigidus* Reyne (Hemiptera: Diaspididae) on coconut in CALABARZON, Philippines. *The Philippine Entomologist* 29(2): 104-113.
- NAVASERO MM, NAVASERO MV. 2013. Mass-rearing of Broad Mite, *Polyphagotarsonemus latus* (Banks) (Tarsonemidae, Acari) on Alugbati, *Basella rubra* L. (Basellaceae), with notes on its feeding damage, development and population growth. *The Philippine Entomologist* 27(2): 176-186.
- NAVIA D, FLECHTMANN CHW. 2003. Mites (Acari) of the genus *Notosthrix* Keifer (Eriophyidae): new records, descriptions of six new species and key to the world species. *Acarologia* 43(3): 271-289.
- NEWELL IM. 1947. A systematic and ecological study of the Halacaridae of Eastern North America. *Bulletin of the Bingham Oceanographic Collection (New Haven)* 10(3): 1-232.
- NIEDBALA W. 2006. Supplement to the knowledge of ptyctimous mites (Acari: Oribatida) from Australian Region. *Annales Zoologici* 56(Supplement 1): 99-156.
- NIEDBALA W. 2007. New distributional records and redescription of Oriental ptyctimous mites (Acari: Oribatida) of the Oriental Region. *Systematic and Applied Acarology* 12: 73-79.
- NIEDBALA W, CORPUZ-RAROS LA, GRUEZO WSM. 2006. Ptyctimous mites mainly from Samar Island of the Philippines (Acari: Oribatida). *Genus* 17(3): 449-470.
- NIEDBALA W, STARY J. 2015. Two new species of the Superfamily Phthiracaroida (Acari, Oribatida) from the Seychelles and the USA with notes on other ptyctimous mites from diverse countries. *Acta Zoologica Academiae Scientiarum Hungaricae* 61(2): 87-118.
- NORTON RA, CORPUZ-RAROS LA. 2010. *Nothrolohmanna samarensis* sp. n. (Acari: Oribatida: Hypochthoniidae) from Samar Island, Philippines. *Systematic and Applied Acarology* 15: 39-46.
- NORTON RA, BEHAN-PELLETIER. 2009. Chapter 15. Suborder Oribatida. P. 430-564. In: Krantz GW, Walter DE. *A Manual of Acarology*. 3rd Edition. Texas Tech University, Lubbock.
- OCAMPO VR, CAOILI BL. 2013. Selection of entomopathogenic fungi against the Red Spider Mite *Tetranychus kanzawai* (Kishida) (Tetranychidae: Acarina). *Arthropods* 2(4): 208- 215.
- OCONNOR BM, KLIMOV PB. 2015. Review and resolution of some nomenclatural issues regarding the genus *Psoroptes* (Acari: Psoroptidae), scab mites of domestic and wild mammals. *Experimental and Applied Acarology* 66(3): 337-345.
- PEREDES-LEON R, KLOMPEN H, PEREZ TM. 2012. Systematic revision of the genera *Geckobiella* Hirst, 1917 and *Hirstiella* Berlese, 1920 (Acari: Prostigmata:

- Pterygosomatidae) with description of a new genus for American species parasites of geckos formerly placed in *Hirstiella*. *Zootaxa* 3510: 1-40.
- PEREZ JE, BARRION-DUPO ALA. 2013. Diversity and colonization pattern of leaf-litter arthropods during early stages of decomposition in Mt. Makiling, Los Baños, Laguna. *Philippine Journal of Systematic Biology* 7: 39-52.
- PEREZ-IÑIGO C. 1981. Resultados de la Expedición Peris-Alvarez a la Isla de Annobon (13). Oribatid mites (2nd Series). *EOS Revista Española de Entomología* 57: 201-212.
- PEREZ-IÑIGO C. 1989. Première découverte du genre *Vepracarus* en Afrique continentale (Acari, Oribatida, Lohmanniidae). *Revue de Zoologie Africaine* 103: 389-393.
- PEREZ-IÑIGO C, BAGGIO D. 1985. Oribates edaphiques du Brésil (II). Oribates de l'île du "Cardoso" (Première Partie). *Acarologia* 26(2): 183-199.
- PEREZ-IÑIGO C, BAGGIO D. 1994. Oribates edaphiques du Brésil (VIII). Oribates de l'état de São Paulo (Cinquième Partie). *Acarologia* 35(2): 181-198.
- PESIC V, CHATTERJEE, DE TROCH M, INGOLE B. 2009. New records of marine water mites (Acari: Hydrachnidia: Pontarachnidae) from the Pujada Bay (West Pacific Ocean) and the Andaman Sea (Indian Ocean). *Acta Entomologica Serbica* 14(1): 129-132.
- PETERSON PC. 1971. A revision of the feather mite genus *Brephosceles* (Proctophyllodidae: Alloptinae). *Bulletin of the University of Nebraska State Museum* 9: 89-172.
- PFINGSTL T. 2015. Another interesting case of sexual dimorphism in intertidal mites: *Fortuynia dimorpha* sp. nov. (Acari, Oribatida, Fortuyniidae). *Systematic and Applied Acarology* 20(5): 567-578.
- PRASAD V. 2015. Sigilla in four species of *Paraphytoseius* (Acari: Phytoseiidae): comments and voucher photos. *Persian Journal of Acarology* 4(3): 249-276.
- PRASAD V, KARMAKAR K. 2015a. Holotype of *Paraphytoseius scleroticus* after 33 years: voucher photos, comments and description of a new genus. *Persian Journal of Acarology* 4(1): 27-42.
- PRASAD V, KARMAKAR K. 2015b. *Paraphytoseius nicobarensis* (Acari: Phytoseiidae): exact identity, comments and voucher photos of types after 37 years. *Persian Journal of Acarology* 4(2): 143-162.
- QUIMIO GM, JUSTO VP, BANUAG FN, ASTRIDGE D. 2013. Seasonal dynamics of mites infesting papaya in Northern Mindanao. p. 79-88. In: Oakesbott J, Hall D. (Eds.). *Smallholder HOPES – Horticulture, People and Soil*. Proceedings of the ACIAR-PCARRD Southern Philippines Fruits and Vegetables Program Meeting, 3 July 2012, Cebu, Philippines.
- RADOVSKY FJ. 1966. Revision of the macronyssid and laelapid mites of bats: outline of classification with descriptions of new genera and new type species. *Journal of Medical Entomology* 3(1): 93-99.
- ROCHA MDS, SKVARLA MJ, FERLA NJ. 2013. A new species of *Scutopalus* (Acari: Cunaxidae: Cunaxoidinae) from Rio Grande do Sul State, Brazil with a key to world species. *Zootaxa* 3734(1): 38-44.
- SALAZAR NI. 1977. Commensal rodents and their parasites in Manila and suburbs. *National Research Council of the Philippines Research Bulletin* 32(1): 93-126.

- SANJAYA Y, OCAMPO VR, CAOILI BL. 2013a. Infection process of entomopathogenic fungi *Metarhizium anisopliae* in the *Tetranychus kanzawai* Kishida (Tetranychidae: Acarina). *Agrivita* 35(1): 64-72.
- SANJAYA Y, OCAMPO VR, CAOILI BL. 2013b. Transmission effect of entomopathogenic fungi on population of *Tetranychus kanzawai* Kishida (Tetranychidae: Acarina). *Arthropods* 2(1): 36-41.
- SEEMAN OD. 2007. Revision of the Fedrizziidae (Acari: Mesostigmata: Fedrizziidae). *Zootaxa* 1480: 1-55.
- SEEMAN OD, ALBERTI G. 2015. A new species of *Scissuralaelaps* (Acari: Mesostigmata: Laelapidae) from millipedes in the Philippines. *Systematic and Applied Acarology* 20(6): 707-720.
- SHTANCHAEVA UY. 1996. The world fauna of oribatid mites of the family Epilohmanniidae. *Zoologische Zhurnal* 75(4): 516-532 (English translation in *Entomological Review* 76(2): 238-252).
- SIMMONS LA, STADLER CK, BURRIDGE MJ. 2002. Introduction of the exotic tick *Amblyomma helvolum* Koch (Acari: Ixodidae) into the United States on imported cobra (Squamata: Elaphidae). *International Journal of Acarology* 28(2): 45-48.
- SKORACKI M. 2005. A review of the quill mites (Acari: Syringophilidae) parasitizing parrots, with descriptions of three new species. *Acarina* 13: 127-136.
- SKORACKI M. 2011. Quill mites (Acari: Syringophilidae) of the Palaearctic Region. *Zootaxa* 2840: 1-414.
- SKORACKI M, OCONNOR BM. 2010. New taxa of quill mites (Acari: Cheyletoidea: Syringophilidae). *Zootaxa* 2341: 1-32.
- SKVARLA M, DOWLING APG. 2012. Some new armascirine cunaxids (Acari: Prostigmata: Cunaxidae) from the Eastern United States. *Zootaxa* 3194: 1-34.
- SKVARLA MJ, FISHER JR, DOWLING APG. 2011. A new species of *Neoscirula* (Acari: Cunaxidae: Coleoscirinae) from the Ozark Highlands (USA), with a note on biogeography. *Acarologia* 51(3): 283-293.
- SKVARLA MJ, FISHER JR, DOWLING APG. 2014. A review of Cunaxidae (Acariformes, Trombidiformes): histories and diagnoses of subfamilies and genera, keys to world species, and some new locality records. *ZooKeys* 418: 1-103.
- SMIT H. 2002. Two new species of the water mite family Pontarachnidae (Acari: Hydrachnidia), with a discussion of the taxonomic status of *Pontarachna hinumaensis* Imamura. *Zootaxa* 22: 1-8.
- SOPSOP GO, LIT IL JR. 2015. Soil-litter arthropod assemblage in dipterocarp forest, agroforestry area and mahogany plantation in Makiling Forest Reserve, Laguna. *Journal of Nature Studies* 14(1): 47-65.
- STEKOLNIKOV AA. 2013. *Leptotrombidium* (Acari: Trombiculidae) of the world. *Zootaxa* 3728: 1-173.
- SUBIAS LS. 2004. Listado Sistemático, Sinonímico y Biogeográfico de los Acaros Oribatidos (Acariformes, Oribatida) del Mundo (1758-2002). *Graelsia* 60: 3-305 (Actualizado en Hunio de 2006, 531 p.; y Marzo de 2015)
- SUBIAS LS, SHTANCHAEVA UY, ARILLO A. 2012/2013. Listado de los Acaros Oribatidos (Acariformes, Oribatida) de las diferentes Regiones Biogeográficas del Mundo. *Monografías Electrónicas S.E.A.* 4: 1-085 (Actualizado en Mayo de 2013).
- TAKAKU SG, CORPUZ-RAROS LA, HARTINI S, DWIBADRA D. 2007. Taxonomy and geographic distribution of macrochelid mites (Gamasida: Macrochelidae) collected in Southeastern Asia. *Journal of the Acarological Society of Japan* 16(1): 44.

- TAKAKU SG, CORPUZ-RAROS LA, HARTINI S, DWIBADRA D. 2007. Taxonomy and geographic distribution of macrochelid mites (Gamasida: Macrochelidae) collected in Southeastern Asia. *Journal of the Acarological Society of Japan* 16(1): 44.
- TAKAKU SG, HARTINI S, DWIBADRA D, CORPUZ-RAROS LA. 2012. Macrochelid mites (Acari: Gamasina: Macrochelidae) in the Philippines. *Journal of the Acarological Society of Japan* 21(2): 95-124.
- TENORIO JM, DENMARK HA, SWIFT SF. 1985. Catalogue of Acari in Hawaiian Islands. I. Mesostigmata (or Gamasida) (Acari). *International Journal of Entomology* 27: 297-309.
- TENORIO JM, RADOVSKY FJ. 1979. Review of the subfamily Hirstionyssinae, synonym of *Echinonyssus* Hirst and *Hirstionyssus* and descriptions of four new species of *Echinonyssus* (Acari: Laelapidae). *Journal of Medical Entomology* 16(5): 370-412.
- THEWKE SE, ENNS WE. 1968. A new species of predaceous mite (Acarina: Cheyletidae) from galleries of bark beetles in Missouri. *Acarologia* 10(2): 215-219.
- TOPACIO TM JR. 1979a. Research on ectoparasites in the Philippines. *Biotrop Special Publication No. 6*: 35-36.
- TOPACIO TM JR. 1979b. Ectoparasites of domestic animals in the Philippines. *Biotrop Special Publication No. 6*: 77-104.
- TRAPIDO H. 1965. Notes on critical Asian *Haemaphysalis* specimens in European museum collections, with designations of lectotypes and a neotype (Acarina: Ixodidae). *Proceedings of the Entomological Society of Washington* 67: 152-165.
- UCHIKAWA K. 1992. Description of a new species and a previously undescribed female and a key to species in the genus *Metabinuncus*. *Journal of Medical Entomology* 29: 864-869.
- UECKERMANN EA, THERON PD, TIEDT LR. 2010. Revision of the genus *Obuloides* Baker and Tuttle, 1975 (Acari: Tenuipalpidae), with the description of five new species. *International Journal of Acarology* 36(2): 151-167.
- VACANTE J. 2010. Review of the phytophagous mites collected on citrus in the world. *Acarologia* 50(2): 221-241.
- VIETS, K. 1938. Eine merkwürdige neue, in Tiefsee Echiniden schmarotzende Halacaridengattung und art. *Zeitschrift für Parasitenkunde* 10(2): 210-216.
- WALTER DE, LINDQUIST EE, SMITH IM, COOK DR, KRANTZ GW. 2009. Order Trombidiformes. p. 233-420. In: Krantz, G.W. and D.E. Walter, Eds. *A Manual of Acarology*. 3rd Ed. Texas Tech University Press, Lubbock.
- WILSON N. 1968. New records and a new species of *Mesonyssus* (Mesostigmata: Rhinonyssidae) from parrots (Psittaciformes: Psittacidae). *Journal of Parasitology* 54(2): 395-401.
- WISNIEWSKI J. 1993a. Gangsystematik der Parasitiformes. Teil 549. Die Uropodiden der Erde nach Zoogeographischen den Regionen und Subregion geordnet (mit Angabe der Lande). *Acarologie* 40: 221-291.
- WISNIEWSKI J. 1993b. Alphabetisches Verzeichnis der Uropodiden (Gattungen, Arten, Synonym). *Acarologie* 40: 371-429.
- WISNIEWSKI J, HIRSCHMANN W. 1993. Gangsystematik der Parasitiformes. Teil 548. Katalog der Gattungen, Untergattungen, Gruppen und Arten der Uropodiden der Erde. *Acarologie* 40: 1-220.
- WOAS S. 1992. *Hermannia (Phyllhermannia) neotropica*, eine neue Hermanniiidae aus Südbrasilien (Acari: Oribatei). *Andrias* 9: 163-178.

- WOODRING JB. 1966. North American Tyroglyphidae (Acari): II. The genus *Schwiebia*, with description of four new species. Proceedings of the Louisiana Academy of Science 29: 85-112.
- XU Y, FAN QH, ZHANG ZQ. 2013. A new species of *Ultratenuipalpus* (Acari: Tenuipalpidae) from Cook Islands, with a key to the known species. Zootaxa 3731(2): 223-233.
- XUE XF, ZHANG ZQ. 2009. Eriophyoid mites (Acari: Prostigmata) in Southeast Asia: a synopsis of 104 genera, with an illustrated key to genera and checklist of species. Zootaxa 2257: 1-128.
- ZABAT AG, EDUARDO SL. 2011. Some ectoparasites of the Common Rousette Bat (*Rousettus amplexicaudatus* Geoffroy 1810) (Mammalia: Chiroptera: Pteropodidae) from colonies in Batangas and Rizal, Philippines. Philippine Journal of Veterinary Medicine 48(1): 53-56.
- ZHANG ZQ, Ed. 2011. Animal biodiversity: an outline of higher level classification and survey of taxonomic richness. Zootaxa 3148: 123-148.
- ZHANG ZQ, ZHANG YX, LIN JZ. 2000. Taxonomic notes on *Stylophoronychus* (Acari: Tetranychidae) with new data for *S. baghensis* infesting moso bamboo in Fujian, China. In: Zhang and Zhang, Eds. Biology and Control of Bamboo Mites in Fujian, China. Systematic and Applied Acarology Special Publications 4: 37-47.