RESEARCH NOTE

ADDENDUM AND CORRIGENDA ON THE CHECKLIST
AND BIBLIOGRAPHY OF PHILIPPINE ACARI
(ARACHNIDA), 1844-2005

Leonila A. Corpuz-Raros

Professor Emeritus, Pest Biology and Biodiversity Division, Crop Protection Cluster, College of Agriculture, University of the Philippines Los Baños, College, Laguna; Postal address: Pintor,
Gamu, Isabela 3301; email: lacaros@yahoo.com.

ABSTRACT

Eleven species of mites are added to the checklist of Philippine Acari for the period 1844-2005. The total known fauna thus amounts to 1221 species, of which 607 or 50.1% are endemic to the country. Corrections on the island distribution of some species are also made.

Key words: Philippine Acari, Arachnida, Neocheyletiella, Turnixacarus, Rhynchopolipus, Stigmaeus.

INTRODUCTION

In 2005, the author published (Philipp. Ent. 19: 99-167) a checklist of the species of Acari known from the Philippines since 1844 when the very first record was made by the German zoologist, C.L. Koch. A historical account of acarine studies was also given in this paper, and the recorded island distributions of all species were compiled and summarized. Continuing faunal accounts and taxonomic studies have led the author to discover some omissions from the checklist and bibliography, as well as lapses in the island records for some species. The necessary corrections are made in this paper.
A total of 11 species are added, some of which belong to 4 genera that were not included in the published checklist. The total fauna therefore now amounts to 1221 species in 502 genera, 159 families and 5 suborders (Table 1). The level of endemism is virtually unaffected by these changes, at 50.1% vs. the original data of 50.2%. The whole range of island distribution is given for each affected species, and notations as to their endemic or type status are given in the same style as the original checklist, viz., type island in boldface, endemic to a given island marked with one asterisk (*), and endemic to the Philippines as a whole, with two asterisks (**). Corrections are made in boldface so they are visible at a glance and are presented in the same style (including the number assigned to all affected taxa) as the original paper for ready comparison.

Table 1. Number of acarine families, genera and species known from the Philippines from 1844 to 2005, and the percentage of species that are endemic to the country

<table>
<thead>
<tr>
<th>SUBORDER</th>
<th>NUMBER OF</th>
<th>ENDEMIC SPECIES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Families</td>
<td>Genera</td>
</tr>
<tr>
<td>Gamasida</td>
<td>25</td>
<td>88</td>
</tr>
<tr>
<td>Ixodida</td>
<td>2</td>
<td>9</td>
</tr>
<tr>
<td>Actinedida</td>
<td>31</td>
<td>162(159)</td>
</tr>
<tr>
<td>Acaridida</td>
<td>34</td>
<td>80(79)</td>
</tr>
<tr>
<td>Oribatida</td>
<td>67</td>
<td>163</td>
</tr>
<tr>
<td>TOTAL</td>
<td>159</td>
<td>502(498)</td>
</tr>
</tbody>
</table>

* Entries in boldface are the corrected counts, and those enclosed in parentheses refer to the original data.
ADDITIONAL SPECIES RECORDS

Order I. PARASITIFORMES
   Suborder I. GAMASIDA

Family 2. Uropodidae
   Subfamily A. Oplitinae
1. *Oplitis luzonensis* Hiramatsu & Hirschmann 1991 (Lu*)**

Order II. ACARIFORMES
Suborder III. ACTINEDIDA

Family 38. Trombiculidae
   Subfamily A. Trombiculinae
   Tribe a. Schoengastini
2. *Ascoschoengastia tafia* Nadchatram & Dormrow 1964 (Pal)

Family 44. Stigmaeidae
4. *Stigmaeus elongatus* Berlese 1886 (= *S. luteus* Summers 1962) (Lu) (additional count for genus)

Family 45. Cheyletidae
5. *Cheyletus ascutatus* Bochkov & O'Connor 2003 (Le*)**
6. *C. batomysi* Bochkov & O'Connor 2003 (MdN*)**

Family 46. Cheyletiellidae
7. *Neocheyletiella nectarinia* Bochkov & O'Connor 2003 (SbY*)** (additional count for genus)

Family 57. Podapolipidae
8. *Rhynchopolipus swiftae* Husband & O'Connor 1999 (Lu, Bi, Mrp, N) (additional count for genus)

Family 58. Tarsonemidae
   Subfamily C. Tarsoneminae
9. *Steneotarsonemus madecassus* Gutierrez 1968 (PhX)

Suborder IV. ACARIDIDA

Family 76. Pterolichidae
10. *Turnixacarus exutus* Gaud & Atyeo 1996 (Lu) (additional count for genus)

Family 92 Teinocoptidae
11. *Teinocoptes insignis* Faïn 2002 (Pny*)**
CORRECTIONS OF ENTRIES IN CHECKLIST

Order I. PARASITIFORMES
   Suborder I. GAMASIDA

   Family 2. Uropodidae
      Subfamily A. Uropodinae
      3. Deraeophorus leytenensis (not leytenensis) Hirschmann & Hiramatsu 1990 (Le*)**

      Family 7. Phytoseiidae
         Subfamily A. Amblyseiinae
         122. Neoseiulus calorai (Corpuz & Rimando) 1966 (Amblyseius) (Lu, Pol, plus Smr, Le, Mdn)
         123. N. longispinosus (Evans 1952) (Amblyseius) (Lu, Mdr, plus Sby, Le, N, Mdn))
         148. Proprioseiopsis lenis (Corpuz & Rimando) (Amblyseius) (Lu, Pol, plus Smr, Le, Cam, Mdn)
         165. Typhlodromips leeji (Schicha & Corpuz-Raros 1992) (Amblyseius) (Lu*, not from Mdn)**

      Family 13. Entonyssidae
      226. Entonyssus philippinensis Fain 1961 (Lu*, type not from N, neither has it been recorded there)**

      Family 16. Laelapidae: Subfamily A. Hypoaspisidae
      236. Dinogamasus mcgregoryi Le Veque (Smr, plus Mdn)**
      238. D. ramaleyi Le Veque 1931 (Lu, plus Ce, plus Pny)**
      239. D. similis Le Veque 1931 (Lu, plus Ce, plus Pny)**

         Subfamily B. Laelapinae
         266. Laelaps hirtus Delfinado 1960 (Lu, Mdn as type island)

      Family 19. Spinturnicidae

Order II. ACARIFORMES
   Suborder III. ACTINEDIDA

   Family 38. Trombiculidae
      Subfamily A. Trombiculinae
         Tribe b. Trombiculini
      502. Heaslipia gateri (Womersley & Heaslip 1943) (author of species is not Wharton & Hardcastle 1943) (Trombiculoides (Mdr)

189
Family 48. Myobiidae
635. *Binuncus magnus* Radford 1934)-complex (*Myobia*) (+N, Siq, Mdn)
646. *Ugandobia ballonycterus leytensis* Uchikawa, O'Connor & Klompen 1991 (Le*)**
(taxon referred to is a subspecies)

Suborder IV. ACARIDIDA

Family 61. Heterocoptidae
748. *Heterocoptes ingeri* (not engeri) Haitlinger 1999 (Lu*)**

Family 87. Atopomelidae
836. *Listrophoroides brachypyx* Fain 1974 (plus Mdr, Le)

Family 92. Teinocoptidae
853. *Chirobia haplonyceteris* Klompen 1992 (Cat, plus Bil, Le, Bo, N)**
854. *C. jagori* (Klompen 1992) (plus Lu, not Cat, plus Sby, Bil, plus Mrp, Le, Bo, N)
857. *Cynopterocoptes heaneyi* Klompen 1992 (Lu, Bil, not Sby, plus Le, Bo, N)
865. *Nyctericoptes heidemannii* Klompen 1992 [Lu, Cat, Bil, Le (as type island), N]
877. *Tychosarcopetes ptenochirus* Klompen 1992 (not Lu but N as type island, Bil, Le, Bo)

Suborder V. ORIBATIDA

Family 105. Steganacaridae
902. *Plonaphacarus dispar* Niedbala 2000 (Smr, plus Mdn)

Family 110. Trhypochthoniidae
940. *Archegozetes longisetosus* Aoki 1865 (Lu, Pol, Smr, Le, Pan, Siq, Pny, Mdn, plus Bal, Pal)

Family 111. Nanhermanniidae
943. *Bicyrthermannia cagayanensis* (Corpuz-Raros 1979) (*Cyrthermannia*) (Lu, not from Pol, Le, Pan, Mdn)**

Family 118. Eremaeozetidae
959. *Eremaeozetes costulatus* Mahunka 1977 (Lu, not from Pol, Le)
960. *E. ephippiger* Balogh 1968 (Lu, plus Pol, Smr, Ce)

Family 120. Eremulidae
964. *Eremulus avenifer* Berlese 1913 (Lu, Pol, Mdr, Smr, Bil, Le, Pan, Ce, N, Pny, Mdn, plus Pal)

Family 129. Tectocepeidae
Family 130. Otocephaidae
1015. Dolicheremaeus liti Corpuz-Raros 2000 (Lu as type island, not Le)**
1016. D. losanosensis Corpuz-Raros 2000 (Lu as type island, not Le)**
1017. D. luzonicus Corpuz-Raros 2000 (Lu as type island, not Le)**
1018. D. mahabasensis Corpuz-Raros 2000 (Smr, Le, plus Mdn)**
1024. D. misamisensis Corpuz-Raros 2000 (plus Lu, Pol, Le, Smr, N, Mdn)**
1025. D. parnisus Hamme 1981 (Lu, plus Pal)

Family 136. Oppiidae
1086. Ramusella philippinensis (Mahunka 1982) (Oppia) (Lu, Pol, plus Mdn)

Family 149. Haplozetidae
1148. Peloribates tredecemsetosus Corpuz-Raros 1981 (Lu, not from Pol, Smr, Le)**

Family 150. Scheloribatidae
1160. Nanobates payatosensis (Corpuz-Raros 1979) (Birobates) (Lu, not from Pol, Smr, Mdn)
1170. Perschororibates tenuis Corpuz-Raros 1980 (not from Lu, and with Mdn* as type island)**
1175. Scheloribates cuyi Corpuz-Raros 2000 (Lu, plus Tab, not from Rmb, Smr, Le, Pal)**

Family 156. Austrachipteriidae
1205. Lamellolobates hauseri Mahunka 1977 (Lu, plus Smr, Cap, Bi, Le, Pan, Bo, Ce, Pny, Mdn, Cpl, Pal)

ADDITIONS TO BIBLIOGRAPHY OF PHILIPPINE ACARI, 1844-2005


191