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Check List of the Cleridae (Coleoptera) of Oceania

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(14th Communication on Cleridae)

No more than 33 species of Cleridae, belonging to 19 genera, are known to occur in Oceania (about 2,700 species have been described). Seven of these species are not endemic, since they have a very wide distribution outside Oceania, or are even cosmopolitan, spread by commerce or by transports of plant material. Of the remaining 27 species only one belongs to an endemic (monotypic) genus, *Tarsostenosis*, which is closely allied to the Australian genus *Tarsostenodes*. Apparently no endemic species occur in Hawaii or in Samoa. All the other species belong to genera which occur in large numbers of species in the neighboring continents (or large islands as New Guinea and New Zealand). It is probable that, although the Cleridae are generally regarded as being of old descent, there are no centers of development in Oceania; this is in sharp contrast to Madagascar where there are many endemic genera, with very many species, strictly confined to that island.

In this list I have followed the arrangement of the Catalogue of Junk-Schenkling. I did not think it necessary to sum up all the literature references of the widespread species; therefore I have given only such as are necessary to recognize the species or have bearing on its variation; the biological references, however, are, as far as I could ascertain, complete up to the present.

Genus **CYLIDRUS** LatreilleLatreille, 77¹, p. 476.—Schenkling, 116, p. 5.= *Epiteles* Newman, 93, p. 403.

21 species in tropical and subtropical Asia, Africa and Australia. (One, probably imported, in Brasilia.)

- C. centralis** Pascoe, 95, p. 44. (Queensland), New Caledonia
 = *C. discoideus* Perroud, 100, p. 58; 101, p. 103.—Schenkling, 115, p. 12.—Fauvel, 46, p. 143.
- C. (Clerus) cyaneus** Fabricius, 38, p. 126.— (Central Africa, Madagascar, Mauritius, India, Malay Archipelago, F o r m o s a , Sydney).
 Schenkling, 117, p. 397; 118, p. 242; 122, p. 322; 123, p. 107; 116, pl. 1, fig. 13.—Fauvel, 46, p. 143.—Chapin, 16, p. 167.—Corporaal, 26, p. 1; 27, p. 43.—Lesne, 82, p. 16. "Oceania", New Caledonia, Loyalty Islands, Society Islands, Samoa, Marquesas Islands
- = *C. alcyoneus* Pascoe, 95, p. 44.—Gorham, 56, p. 60.—Schenkling, 111, p. 135; 112, p. 331. (New Guinea: Dorey)
- = *C. pallipes* Chevrolat, 18, p. 280.—Gorham, 56, p. 60. ("India orientalis")
- = *C. Vescoi*² Fairmaire, 39, vol. 1, p. 361; 42, p. 22.—Gorham, 56, p. 60. Society Islands, Duke of York Island
- Biology: Predacious on bark-beetles.—Corporaal, 28, p. 209.—Beeson, 2, p. 221.
- C. gagates** Montrouzier, 89, p. 260.—Fauvel, 46, p. 143. Lifu
- C. villosus** Montrouzier, 88, p. 17. Woodlark Island

Genus **TILLUS** A. G. Olivier

A. G. Olivier, 94, vol. 2, no. 22.—Schenkling, 116, p. 12.—Gahan, 49, p. 62.

39 species in all parts of the world. Eventually this genus will be split up into three or more genera.

- T. balteatus** Fairmaire, 39, vol. 2, p. 184. Tonga
- T. notatus** Klug, 72, p. 276.—Lewis, 83, p. 185.—Schenkling, 110, p. 361; 118, p. 249; 119, p. 363; 116, pl. 1, fig. 2.— (India, Malay Archipelago, China, Japan; imported in Europe)
 Corporaal, 26, p. 1; 27, p. 43; 28, p. 211.
- = *T. bipartitus* Blanchard, 7, p. 59, pl. 4, fig. 13.—Blackburn, 3, p. 304.—Lesne, 81, p. 206. Guam

¹ Numbers in parentheses refer to Literature Cited, p. 18.² Specific names derived from proper names are capitalized in this paper at the special request of the author.—Editor.

- = *T. Lewisi* Gorham, 58, p. 160.—Kiesewetter, 71, p. 313.—Fairmaire, 44-a, p. 123. (Japan, Laos)
- = *T. multicolor* Fairmaire, 43, p. 43.—Lesne, 81, p. 206. (Madagascar)
- = *T. (Tillicera) multipartitus* Fairmaire, 44, p. 353.—Lesne, 81, p. 206. (Tonkin)
- = *T. quadricolor* Heller, 62, p. 534, pl. 1, fig. 9.—Chapin, 16, pp. 175, 176.—Corporaal, 25, p. 195. (Luzon)
- Biology: This variable species has been found predacious on *Dinoderus* spp. (Bostrychidae, Col.) in dry bamboo and in maize (corn).—Tomlin, 138, p. 85.—Beeson, 2, 230.
- T. variegatus** Montrouzier, 88, p. 18.—Woodlark Schenkling, 115, p. 12.

Genus CALLIMERUS Gorham

- Gorham, 56, p. 65.—Schenkling, 116, p. 24.
- = *Caloclerus* Kuwert, 74, p. 480.—Schenkling, 114, p. 105.
96 species in the Indo-Malayan region and as far north as Japan.
- C. arcufer** Chapin, 14, p. 233.—Tothill, Taylor and Paine, 139, p. 249, pl. 32, figs. 5, 8. (Malacca, Sumatra), Fiji (imported!)
- Biology and Economics: Predacious on *Artona (Brachartona) catoxantha* Hamps. and *Levuana iridescens* B. B., the noxious Zygaenid moths of the coconut palm; feeds also on many insects of different orders.—Gater, 52, p. 101; 53, pp. 311-312, 333, figs. 6 and 6 (bis); pl. 1, fig. e.—Böving, 8, p. 95, pl. 6.—Böving and Craighead, 10, pl. 95, B-D, F-H.—Tothill, Taylor and Paine, 139, pp. 249-261, figs. 116-119, pl. 32, fig. 6.

Genus EUNATALIS Schenkling³

- Schenkling, 120, p. 163.—Elston, 33, p. 148.
- = *Natalis* (nec Cast.) Spinola, 130, p. 75; 131, vol. 1, p. 198.—Blackburn, 3, p. 303; 4, p. 28.—Schenkling, 116, p. 35.
22 species in the Australian region.
- E. (Natalis) Dregei** Perroud, 100, p. 61; New Caledonia, Loyalty Islands
101, p. 106.—Fauvel, 46, p. 144.
- E. (Natalis) triangularis** Perroud, 100, p. 59; 101, p. 104.—Fauvel, 46, p. 144. New Caledonia, Loyalty Islands

Genus CORMODES Pascoe

- Pascoe, 95, p. 46.—Blackburn, 3, p. 303.—Schenkling, 116, p. 36.
One more species in Australia.
- C. Darwini** Pascoe, 95, p. 47, t. 2, fig. 8. Lord Howe Island

³ *Opilo mollis* (L.) is often cited as a cosmopolite. However, I have seen no specimens from localities other than the Palearctic region and know of no certain identifications of this species from other places. The allied species *O. congruus* Newman occurs in Australia, apparently not rare.

Genus CLERUS Fabricius

Fabricius, 37, p. 157 and append. p. 823.—Schenkling, 116, p. 48.
 = *Enoclerus* Gahan, 49, pp. 62, 65.
 183 species in North and South America.

- C. **Steinheili** Chevrolat, 19, p. 14.—Schenkling, 119, p. 480. (Colombia), New Hebrides
 Probably accidentally imported.

Genus DASYCEROCLERUS Kuwert

Kuwert, 76, pp. 399, 410.—Schenkling, 116, p. 77.
 47 species in the Indo-Australian region.

- D. (**Stigmatium**) **flavescens** (*flavescens* err. typ.) Chevrolat, 18, p. 316.—Kuwert, 76, p. 414.—Fauvel, 46, p. 146. New Caledonia

Genus OMMADIUS Castelnau

(*Omadius*) Castelnau, 12, p. 48.—Schenkling, 116, p. 82.
 131 species in the Indo-Malayan to Oceanic region.

- O. **amberbaki** Kuwert, 75, pp. 64, 78.—Schenkling, 125, p. 282. (New Guinea: Amberbaki),
 Solomon Islands
- O. **caledonicus** Montrouzier, 89, p. 261.—Kuwert, 75, p. 75.—Schenkling, 114, p. 107.—Fauvel, 46, p. 146. New Caledonia
- O. **Castelnaui** Montrouzier, 89, p. 260.—Kuwert, 75, p. 75.—Fauvel, 46, p. 145. New Caledonia, Lifu, Loyalty
 = *O. palliditarsis* Chevrolat, 19, p. 27. Islands
- O. **diversicollis** Fauvel, 46, p. 146. New Caledonia
- O. **lividipes** Fairmaire, 41, p. 275.—Kuwert, 75, p. 71. Fiji

Genus THANEROCLERUS Lefebvre

Lefebvre, 80, p. 13.—Schenkling, 116, p. 53.
 = *Thanateroclerus* Gemminger et Harold, 55, p. 1739.
 8 species in the Indo-Australian region up to Japan;
 one of these has become cosmopolite.

- T. (**Clerus**) **Buqueti** Lefebvre, 79, p. 577, pl. 16. (India, Sumatra, Java, Celebes, Philippines, imported in Europe and America), Hawaii

= *T. Buqueti* Westwood, 80, p. 13.

Biology: Predacious on *Araecerus* (*Araecerus*) *fasciculatus* de G. (Anthribidae, Col.) in coffee, drugs, and spices, and on *Lasioderma* (Anobiidae, Col.) in tobacco. This species has been introduced by commerce in most

parts of the world.—Lefebvre, 79.—Westwood, 80; 141, p. 264, fig. 29, nos. 13, 14.

Genus PHLOGISTUS Gorham

Gorham, 56, p. 84.—Schenkling, 116, p. 56.—Hintz, 63, p. 708.—Elston, 33, p. 144.
= *Aulicus* Spinola (pars), 130, p. 74.—auct.
38 species in the Australian region.

P. (Aulicus) rutilicornis Chevrolat, 19, p. New Caledonia
17.—Fauvel, 46, p. 144.

Genus SCROBIGER Spinola

Spinola, 130, p. 74; 131, vol. 1, p. 230.—Blackburn, 5, p. 136.—Schenkling, 116, p. 61.
= *Xanthoceros* Newman (pars), 93, p. 363.
5 species in the Australian region.

S. cribrum Chevrolat, 19, p. 17.—Fauvel, 46, (Australia?), New Caledonia
p. 145.

S. eximius Perroud, 100, p. 63; 101, p. 108. New Caledonia
—Schenkling, 123, p. 319.

Genus TENERUS Castelnau

Castelnau, 12, p. 43.—Schenkling, 116, p. 99.
= *Prionophorus* Blanchard, 7, p. 64.
84 species in the Indo-Malayan and Australian region, 35 in Africa.

T. cinctus Pic, 102, p. 6. Solomon Islands
var. *subater* Pic, 102, p. 6. Solomon Islands
T. frontalis Fairmaire, 40, p. 389; 42, p. 22. Duke of York Island, New
Britain
T. Perroudi Pic, 103, hors-texte p. 133. Woodlark Island

Genus TENEROMIMUS Gahan

Gahan, 49, p. 70.
One more species in Australia.

T. humeralis Gahan, 49, p. 71. Solomon Islands

Genus PELONIUM Spinola

Spinola, 131, p. 347.—Schenkling, 116, p. 105.—Gahan, 49, pp. 67, 74, 75.
Of the 99 described species, 80 occur in North and South America, 18 in the
Indo-Malayan region, 2 in Australia, 1 in Oceania.

P. Longfieldae Blair, 6, p. 677. Galapagos
This species resembles very much *P. luridum* Gorham, a South American form.

Genus **PHYMATOPHAEA** Pascoe

Pascoe, 96, p. 50.—Schenkling, 116, p. 109.
 = *Mathesis* Waterhouse, 140, p. 7.—Gahan, 49, p. 10.
 The 25 described species all occur in New Zealand.

- P. (Enoplium) pustulifera** Westwood, 143, (New Zealand)
 p. 52, pl. 24, fig. 8.—Gorham, 57, p.
 425.
 = *P. electa* Pascoe, 96, p. 50.—Gorham, Chatham Island
 57, p. 418.—Broun, 11, p. 334.

Genus **PARATILLUS** Gorham

Gorham, 56, p. 62; 58, p. 157.—Kraatz, 73, p. 217.—Schenkling, 116, p. 116.
 One species, occurring in the Australian region. A variety is found in Sumatra.

- P. (Clerus) carus** Newman, 92, p. 15.— (Australia, Tasmania), New
 Gorham, 58, p. 158.—Schenkling, 110, Caledonia
 p. 368.—Fauvel, 46, p. 143.
 = *P. (Tarsostenus, Opilus) sonatus* Blan- (Tasmania)
 chard, 7, p. 62, pl. 4, fig. 14.—Black-
 burn, 5, p. 138.
 var. *analis* Gorham, 58, p. 158.—Schenk- (Australia), New Caledonia
 ling, 110, p. 368; 118, p. 318.—Kraatz,
 73, p. 217.

Genus **TARSOSTENOSIS** Heller⁴

Heller, 61, p. 277.
 One species in Oceania.

- T. tricolor** Heller, 61, p. 277. New Caledonia

Genus **TARSOSTENUS** Spinola

Spinola, 131, p. 287.—Blackburn, 5, p. 138.—Schenkling, 116, p. 58.—Gahan,
 49, p. 59.
 One cosmopolitan species. Another species (*T. Mastersi* MacLeay, 85, p. 273.—
 Blackburn, 5, p. 138) from Queensland, is poorly known; it may
 prove to belong to some other genus.

- T. (Clerus) univittatus** Rossi, 108, p. 44. (Cosmopolitan), New
 Caledonia, Hawaii, Samoa,
 Society Islands
 = *T. (Opilus) albofasciatus* Melsheimer, (Pennsylvania)
 87, p. 306.
 = *T. biguttatus* Montrouzier, 89, p. 260.— New Caledonia: Art Island
 Fauvel, 45, p. 88.

⁴ *Blackburniella* Chapin (15, p. 65; = *Thanasimomorpha* Blackburn = *Thanasimomorpha*
 Schenkling, Gahan) *bipartita* (Blackburn) [nec Blanchard] 3, p. 304, occurs in Australia
 only. It is a variety of *B. intricata* (Blackburn) (see Elston 35, p. 213). Lesne (81,
 p. 206) has examined Blanchard's specimen from Guam, which turned out to be *Tillus*
notatus Klug.

- = *T. (Dupontiella) fasciatellus* Spinola, (South America)
131, vol. 2, p. 172, pl. 8, fig. 5.
= *T. (Opilus) fasciatus* Curtis, 30, pl. 270. (England)
= *T. (Opilus) incertus* Macleay, 85, p. (Australia)
269.—Elston, 34, p. 315.
= *T. (Notoxus) moerens* Westwood, 142, (Australia)
p. 57.—Blackburn, 5, p. 136.
= *T. (Tillus) picipennis* Westwood, 142, (East Indies)
p. 48.
= *T. (Tillus) succinctus* Chevrolat, 17, p. (East Africa)
277.

Biology and Economics: Predacious on *Lyctus* spp. ("Powderpost-beetles", Lyctidae, Col.).—Perris, 98, p. 238, pl. 5, figs. 20-28.—Desbrochers, 32, p. 31.—Lucas, 84, p. 174.—Xambeu, 144, p. 142.—Hardy, 59, p. 133.—Böving, 9, p. 612, figs. 9, 25, 37, 57, 74, 93, 107.—Champlain, 9, p. 628.—Kalshoven, 70, p. 133, plate.—St. George, 133, p. 49.—Corporaal, 28, p. 216.—Beeson, 2, pp. 219, 225.—Tillyard, 137, p. 213.

Genus NECROBIA A. G. Olivier⁵

- A. G. Olivier, 94, vol. 4, no 76 bis.—Schenkling, 116, p. 119.
= *Agonolia* Mulsant, 91, p. 122.
11 species in all parts of the world.

- N. (Dermestes) ruficollis** Fabricius, 37, p. (Cosmopolitan), New Caledonia, Hawaii, Loyalty Islands, Society Islands, Kermadec Islands
57.

Anatomy: Cholodkovsky, 21, p. 103; 20, p. 531, fig.

Biology and Economics: On carrion and in animal products (bones, hides, dried meat and fish, etc.).—Westwood, 141, p. 266, fig. 29, no. 17.—Heeger, 60, p. 974, pl. 8.—Rosenhauer, 107, p. 171.—Dallas, 31, p. 119.—Mulsant, 91, p. 119.—Gallois, 50, pp. 74-80; 51, pp. 28-34.—Perris, 99, p. 48, figs. 243-244.—Houlbert et Bétis, 65, p. 134 (= sep. p. 21), fig. 42.—Taschenberg, 135, p. 13.—Xambeu, 144, p. 152.—Cholodkovsky, 21, p. 103.—Scott, 126, p. 101.—Zacher, 145, p. 90; 146, p. 432.—Fuller, 48, p. 28.

- N. (Clerus) rufipes** de Geer, 54, p. 165. (Cosmopolitan), New Caledonia, Hawaii, Samoa, Laysan, Gilbert, Marshall, Fiji, Society, Easter, Nihoa, Galapagos, Juan Fernandez, Ellice, Tonga, Solomon and Pacific equatorial islands

⁵I have not included *Corynetes coeruleus* (de Geer), though it is often cited as a cosmopolitan species, and has even been reported from "Oceania". Eventually it may be found in this region, but I know it to occur only in the Palearctic region, and I have not seen individuals from other regions. I strongly suspect that *Necrobia violacea* (L.), which is confined to the Palearctic and Nearctic regions, has been frequently mistaken for it. This would explain the error that *C. coeruleus* has been reported on carrion, whereas it occurs on wood and in houses, predacious on *Anobium* (Anobiidae, Col.) and *Attagenus* (Dermestidae, Col.). The adults are often found on leaves and flowers.

- = *N. amethystina* Stephens, 132, p. 417. (England)
 = *N. (Tenebrio) dermestoides* Pill. et Mitterp., 103-a, p. 68, pl. 7, fig. 8. (Posen, Europe)
 = *N. foveicollis* Schenkling, 113, p. 20 (Brasilia) (monstrosity).
 = *N. (Corynctès, sic) glabra* Champollion, 13, p. 41. (Egypt)
 = *N. mumiarum* Hope, 64, p. 54, pl. 5, figs. 1-3. (Egypt)
 ♀ = *N. pilifera* Reitter, 105, p. 85; 105 (Cosmopolitan) (sep.) p. 52.—Stolz, 134, p. 28.
 var. (ab.) *aeneipennis* Csiki, 29, p. 124. (Cosmopolitan)
 = *N. pilifera*, var. *cupreonitens* Lauffer, 78, p. 406. (Spain)

Anatomy: Tanner, 136, p. 24, pl. 6, figs. 58, 59 (♀ genitalia).

Biology and Economics: The "Copra-beetle", "Copra-bug", or "Red-legged Ham-beetle". In animal, but also in vegetable fat-containing wares. Spread by commerce all over the world. It has occasionally caused considerable damage.—Rosenhauer, 107, p. 171.—Riley, 106, p. 96, fig. 26.—Perkins, 97, p. 267.—Howard, 66, pp. 105-107.—Smith, 128, pp. 264-266; 129, pp. 302-304.—Escher-Kündig, 36, p. 238.—Mangan, 86, pp. 133-138.—Froggatt, 47, p. 36.—Zaitzev, 147, p. 49.—Böving, 9, p. 598.—Johnson, 68, p. 25.—Corporaal, 24, p. 93.—Simmons and Ellington, 127, pp. 845-863.—Andres, 1, p. 6.—Beeson, 2, p. 223.—Janisch, 67, p. 21.—Stolz, 134, p. 28.—Corbett and Dover, 23, pp. 263-270, pl. 5.—Zacher, 145, p. 90.—Kalandadze, 69, p. 33.—(Van Poeteren), 104, p. 54.—Corbett, 22, p. 352.—Zacher, 146, p. 432.—Ruhdolf, 109, p. 61.—Fuller, 48, p. 15 ff.

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