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Terrestrial Isopods of Colombia

BY

HARRIET RICHARDSON

The following report is of the Isopods collected in Colombia by Dr Otto Fuhrmann during his recent scientific expedition to that country.

Family Oniscidæ

1. *Porcellio scaber* (Latr.)

Porcellio scaber LATREILLE, Hist. Crust. Ins., VII, 1804, p. 45. — Leach, Edinb. Encycl., VII, 1814, p. 406.

Oniscus granulatus LAMARCK, Hist. nat. des animaux sans vertèbres, V, 1818, p. 154.

Porcellio nigra SAY, Journ. Phil. Acad. Nat. Sc., I, 1818, p. 432.

Porcellio scaber DESMAREST, Consid. Crust., 1825, p. 321. — Brandt and Ratzeburg, Med. Zool., II, 1830-1834, p. 77, pl. XII, figs. 1-4 and A-B. — Brandt, Bull. Soc. Imp. de Naturalistes de Moscou, VI, 1833, p. 14.

Porcellio brandtii MILNE EDWARDS, Hist. Nat. Crust., III, 1840, p. 168.

Porcellio granulatus MILNE EDWARDS, Hist. Nat. Crust., III, 1840, p. 169, pl. XXXII, fig. 21.

Porcellio scaber MILNE EDWARDS, Cuvier, Rg. An., 1849, pl. LXXI-LXXI bis. — Koch, Deutschlands Crust., 1835-1844, p. 34.

Porcellio dubius KOCH, Deutschlands Crust., 1835-1844, p. 34.

Porcellio gemmulatus DANA, Crust., U. S. Expl. Exp., XIV, 1853, p. 725, pl. XLVII.

Porcellio scaber BATE AND WESTWOOD, Brit. Sess-eyed Crust., II, 1868, p. 475. — Budde-Lund, Crust. Isop. Terrestria, 1885, pp. 129-131. — Sars, Crust. Norway, II, 1899, pp. 176-177, pl. LXXVII. — Chilton, Trans. Linn. Soc. London (2), VIII, 1901, Pt. 4, p. 139.

Localities. Environs de Bogota (2600 m.); dans une Quebrada au-dessus de Bogota (C. or. 2750 m.); près de la chute du Tequendama (C. or. 2210 m.); Zipaquira (C. or. 2600 m.); entre Boca del Monte et Tambo (C. or. 1800 m.).

Porcellio scaber var. *marmoratus* BRANDT and RATZEBURG and *Porcellio scaber* var. *marginatus* Brandt and Ratzeburg were also collected from the above localities.

2. *Procellionides pruinosus* (Brandt).

Porcellio pruinosus BRANDT, Bull. Soc. Imp. Naturalistes de Moscou, VI, 1833, p. 19.

Porcellio truncatus MILNE EDWARDS, Hist. Nat. Crust., III, 1840, p. 171.

Porcellio maculicornis KOCH, Deutschl. Crust., 1835-44, p. 34.

Metoponorthus pruinosus BUDDE-LUND, Crust. Isop. Terrestria, 1885, pp. 169-171; Entom. Meddelel., IV, 1893-94, p. 118. — Sars, Crust. Norway, II, 1899, pp. 184-185, pl. LXXX, fig. 2. — Chilton, Trans. Linn. Soc. Lond. (2), VIII, 1901, p. 141.

Procellionides pruinosus Stebbing, Records of the Indian Museum, VI, Pt. 4, 1911, p. 189.

Localities. — Sur le Porce (rivière) dans un tronc de saule avec des fourmis près Medellin (C. c. 1547 m.); Cafetal Camelia près Angelopolis (C. c. 1820 m.); près du Ruiz (C. c. 3700 m.).

3. *Philoscia variegata* Dollfus.

Philoscia variegata DOLLFUS, Ann. Soc. Entomologique de France, 1893, LXII, p. 343, pl. X, fig. 10.

Localities. — Bellio près Medellin vallée du Porce (C. c. 1547 m.); plantation de café Camelia près d'Angelopolis (C. c. 1820 m.); Alto San Miguel (C. c. 2200 m.); près du Ruiz (C. c. 3700 m.); entre Guaduas et Sensitiva (C. or. 1600 m.); entre Honda et Guaduas (C. or. 1200 m.); environs de Bogota (C. or. 2700 m.); près de la chute du Tequendama (C. or. 2210 m.); Zipaquira (2600 m.); entre Boca del Monte et Tambo (C. or. 1800 m.); Paramo Cruz Verde (C. or. 3600 m.).

In the male the first three pairs of legs have the propodus dilated as shown in the figure by DOLLFUS. In the female the propodus of the first three pairs of legs is not dilated and the first article of the flagellum of the second antennæ is not as long as in the male.

4. *Alloniscus papillosus* Budde-Lund.

Alloniscus papillosus BUDDE-LUND, Entomologiske Meddelelser, IV, 1893-94, pp. 123-124.

Locality. — Sur le Porce (rivière), dans un tronc de saule avec des fourmis près Medellin (C. c. 1547 m.).

The specimens are the same size as those of BUDDE-LUND's, being 3 1/2 mm. in length. Instead of being marked with black, they are marked with a reddish brown color.

The specimens referred to this species by DOLLFUS¹ are much larger and probably represent a different species. About twenty specimens were collected.

Family Armadillididæ

5. *Cubaris grenadensis* (Budde-Lund).

Armadillo grenadensis BUDDE-LUND, Entomologiske Meddelelser, IV, 1893-94, pp. 115-116. — Dollfus, Proc. Zool. Soc. London, 1896, pp. 392-393. — Richardson, Bull. U. S. Nat. Museum, No. 54, 1905, p. 651.

Locality. — Calamar sur le Magdalena.

6. *Sphæroniscus flavomaculatus* Gerstäcker.

Sphæroniscus flavomaculatus GERSTÄCKER, Entomolog. Zeit., 1854, pp. 314-315, fig. 2. — Budde-Lund, Crust. Isop. Terrestria, 1885, p. 45.

Locality. — Entre Boca del Monte et Tambo (C. or. 1800 m.).

7. *Sphæroniscus granulatus* Dollfus.

Sphæroniscus granulatus DOLLFUS, Ann. Soc. Entomologique de France, LXII, 1893, p. 341.

Locality. — Sur le Cauca, Puerto de los Pobres (C. c. 800 m.).

Two specimens measuring 5 mm. in length. The inner branch of the uropoda does not quite reach the tip of the outer branch.

8. *Sphæroniscus frontalis* sp. nov.

This species is very close to *Sphæroniscus flavomaculatus*, GERSTÄCKER, but differs in not having the epistome produced a great distance beyond the frontal margin of the

¹ Ann. Soc. Entomologique de France, 62, 1893, p. 342, pl. 10, fig. 9.

head ; in having the first segment of the thorax with the lateral margin not rolled back so much and not so wide as in *S. flavomaculatus* and in not having the lateral margins of the segments lighter in color.

Six specimens were collected at the plantation of café, Argelia (1800 m.) near Viota (C. or.) a uniform orange brown color, with light wavy lines of yellow on either side of the median line.

One specimen from the plantation of the café Buenavista (1020 m.) near Viota (C. or.), is dark gray, with wavy lines of yellow on either side of the median line.

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