

New records of pseudoscorpions (Pseudoscorpiones) from the Leeward and Windward Islands, and Curaçao (Lesser Antilles), with the description of a protonymph of *Serianus gratus* Hoff

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New localities and records of pseudoscorpions are given for the Leeward Islands, the Windward Islands and Curaçao. The protonymph of *Serianus gratus* Hoff, 1964, from Curaçao is described.

New localities of pseudoscorpions from the Leeward Islands and Curaçao (Lesser Antilles)

Note.— The localities are fully described by Wagenaar Hummelinck (1953: 15, 20-21, 23-27; 1981: 29-31, 39, 41, 43).

Aphelolpium scitulum Hoff, 1964

Material.— **Anguilla**: # 484. Southern slope of N of Sandy Ground, 16.vi.1949: 2 ♂♂ (312-313) and 2 tritonymphs (314-315). **St. Martin (Sint Maarten)**: # 299B. Old battery Hill, SE of Philipsburg, 17.iii.1937: 1 ♂ (773) and 1 deutonymph (531); # 458. Point Blanche, W slope, 17.v.1949: 1 ♂ (277); # 460. Coast of Great Bay near Point Blanche, 17.v.1949: 1 ♂ (817), 1 ♀ (816), 1 deutonymph (818) and 1 protonymph (819); # 465. Hilltop off Experiment, E of Great Saltpond, 25.v.1949: 1 ♀ (599); # 472. Western top of Meschrine Hill, near Simon Bay, 7.v.1949: 2 protonymphs (401-402); # 473. Western base of Meschrine Hill, near Simon Bay, 27.v.1949: 1 ♀ (412); # 475. Low Lands near Flamingo Pond, 8.vi.1949: 1 ♀ (487) and 1 protonymph (488); # 478. Little Kay, island in Simon Bay Lagoon, 2.viii.1949: 1 tritonymph (310). **Saint Barthélemy (St. Barts)**: # 447. Water shed near road from Lorient to Grand Fond, 3.vi.1949: 1 protonymph (1711); # 451. Roadside at cape South of Public, near Gustavia, 4.vii.1949: 1 ♂ (282). **Saba**: # 298A. Small gut near Road to (The) Bottom at S-curve, 19.vii.1937: 1 ♀ (1320); # 443. The Shoe at Thais Hill, near St. Chrispin, 28.vii.1949: 1 ♀ (1308); # 715: Tom's Gut, S of Rendez-Vous, 7.x.1963: 1 ♂ (1735). **St. Eustatius (Statia)**: # 423. Toby Gut, S of Quill, 14.vii.1949: 3 ♂♂ (521-522, 525); # 424. Big Gut, White Wall, 6.vii.1949: 3 ♂♂ (429-430, 1736), 2 ♀♀ (427-428) and 1 deutonymph (1737); # 425. White Wall, top, 6.vii.1949: 1 deutonymph (187); # 426/428. Slope of Quill, above White Wall, 6.vii.1949 / In the Quill, E side, 12.vii.1949: 1 tritonymph (1745). **Nevis**: # 415. Near Mosquito Bay, 28.vi.1949: 1 ♂ (290).

Aphelolpium brachytarsus van den Tooren, 1995

Material.— **Nevis**: # 414. West of Jessops Village, 28.vi.1949: 1 deutonymph (923) (chelal movable finger L 0.29 mm; ratio chelal movable finger L / hand L (- pedicel) 1.28, versus respectively L 0.38 mm and ratio 1.62 in paratype of *A. scitulum* Hoff, 1964). **Anguilla**: # 485. Northern slope near shore, N of

Sandy Ground, 16.vi.1949: 1 protonymph (918); # 486. Western part of Upper Prickly Pear Island, 17.vi.1949: 1 ♂ (1310), 2 tritonymphs (985, 1312), 1 deutonymph (1313) and 1 protonymph (986).
Curaçao: # 334. Klein Hofje of Groot Piscadera, 2.i.1949: 3 deutonymphs (501, 503-504).

New records of nymphal stages of pseudoscorpions from the Windward Islands

Note.— The localities are fully described by Wagenaar Hummelinck (1940: 40; 1953: 17, cf. # 235 Aa).

Aphelolpium brachytarsus van den Tooren, 1995

Material.— **Aruba:** # 276, Heintje Croes, Oranjestad, 14.xii.1936: 1 deutonymph (1047).

Pachyolpium arubense arubense Beier, 1936

Material.— **Curaçao:** Seroe Christoffel, 200 m, ii.1946: 1 protonymph (1577).

Serianus gratus Hoff, 1964

Material.— **Curaçao:** # 334, Klein Hofje of Groot Piscadera, 2.i.1949: 1 protonymph (505) (description below).

Description of a protonymph of *Serianus gratus* Hoff, 1964 from a new locality on Curaçao

Note.— The locality is fully described by Wagenaar Hummelinck (1953: 15).

Serianus gratus Hoff, 1964

Material.— **Curaçao:** # 334, Klein Hofje of Groot Piscadera, 27.i.1949: 1 protonymph (505).

Description.— Measurements in mm. Prime colour of body and appendages light yellowish orange.

Body L 1.06.

Chelicera: 0.10/0.055, LW 1.87; movable finger: L 0.06, with subapical lobe + 2 small lateral lobes; serrula exterior with 10 blades of which posterior one is the shape of a sail, about 3 × as long as preceding ones; galea: L 0.03, with 2 short terminal rami and 1 curved longer one half-way main stalk; flagellum of 4 spine-like setae, anterior 3 ones of same length, weakly pinnate near top, posterior one more by half the length shorter; lamina exterior present.

Pedipalp: trochanter 0.11/0.06, L/W 1.815; femur (thick-set) 0.13/0.08, L/W 1.54; patella (of curved shape) 0.13/0.07, L/W 1.95; chela (- pedicel) (slender) 0.285/0.09, L/W 3.26; hand (-pedicel) L 0.15; movable finger L 0.15, and 1.0 × L hand (-pedicel).

First leg: trochanter 0.05/0.035, L/D 1.41; femur 0.05/0.06, L/D 0.84; patella 0.06/0/055, L/D 1.11; femur L 0.77 × patella L; tibia 0.075/0.04, L/D 2.03; metatarsus 0.04/0.05, L/D 0.81; tarsus 0.04/0.04, L/D 1.05; claw L 0.02; bifurcate arolium L 0.03, and 1.74 × claw L.

Fourth leg: trochanter 0.06/0.05, L/D 1.13; femur 0.08/0.05, L/D 1.5; patella 0.14/0.05, L/D 2.53; femur + patella 0.17/0.05, L/D 3.21; tibia 0.11/0.04, L/D 2.70; metatarsus 0.04/0.03, L/D 1.42; tarsus 0.06/0.03, L/D 2.20, claw L 0.02; bifurcate arolium L 0.05 and 2.21 $\times$ claw L.

References

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