

***Smeringopina djidji* Huber, 2013**

Huber, B. A. 2013. Revision and cladistic analysis of the Guineo-Congolian spider genus *Smeringopina* Kraus (Araneae, Pholcidae). *Zootaxa* 3713: 1-160.

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***Smeringopina djidji* new species**

Figs. 474–478, 511–512, 526, 547–552

Type. ♂ holotype from Gabon, Ogooué-Ivindo, near Djidji (0°12.8'N, 11°49.3'E), 470 m a.s.l., forest, 12.viii.2011 (B.A. & S.R. Huber), in ZFMK (Ar 10262).

Other material examined. GABON: *Ogooué-Ivindo*: near Djidji: same data as holotype, 1♂3♀ in ZFMK (Ar 10263); same data, 2♀ in pure ethanol, in ZFMK (Gab 241).

Etymology. The name is a noun in apposition, derived from the type locality.

Diagnosis. Easily distinguished from similar congeners (large species with long abdomen, cone-shaped modified hairs on male chelicerae, simple unbranched procurus) by distinctive shape of procurus (same width over all its length; Figs. 547–548), and large hump in anterior part of epigynum (Fig. 512); also by modified male clypeus (with cone-shaped hairs similar to *S. bwiti* but modified hairs not on humps).

Male (holotype). Total body length 8.0, carapace width 1.9. Leg 1: 82.8 (18.5 + 0.8 + 18.0 + 41.9 + 3.6), tibia 2: 13.5, tibia 3: 8.8, tibia 4: 11.3; tibia 1 L/d: 107. Distance PME-PME 210 µm, diameter PME 210 µm, distance PME-ALE 90 µm, distance AME-AME 45 µm, diameter AME 210 µm. Carapace ochre-yellow with brown mark posteriorly and brown lateral margins; ocular area posteriorly brown, clypeus with pair of brown marks at rim, sternum dark brown; legs ochre-yellow, slightly darker rings subdistally on femora and tibiae and in patella area, tips of femora and tibiae whitish; abdomen ochre-gray with distinct black pattern dorsally, laterally, and ventrally. Habitus as in Figs. 474–475, ocular area slightly elevated, secondary eyes with distinct 'pseudo-lenses'; clypeus with about 18 small modified (cone-shaped) hairs and longer than usual normal hairs; deep thoracic pit and pair of shallow furrows diverging behind pit. Chelicerae as in Fig. 549, with lateral proximal apophyses and distal apophyses; distal apophyses and frontal cheliceral face provided with several small modified (cone-shaped) hairs. Palps as in Figs. 476–478; coxa unmodified; trochanter with ventral apophysis; femur proximally with ventral sclerotized ridge, without or with very indistinct shallow pocket, with small retrolateral apophysis, without prolateral modification; prolateral femur-patella joint strongly shifted toward ventrally; tarsus with seven very strong hairs dorsally; procurus without (or extremely indistinct) hinge between proximal and distal part, dorsal rim serrated; bulb with widened but weakly sclerotized proximal part of embolus (Fig. 550). Legs without spines and curved hairs, with few vertical hairs, retrolateral trichobothrium on tibia 1 at 1.5%; prolateral trichobothrium present on all tibiae; pseudosegments barely visible.

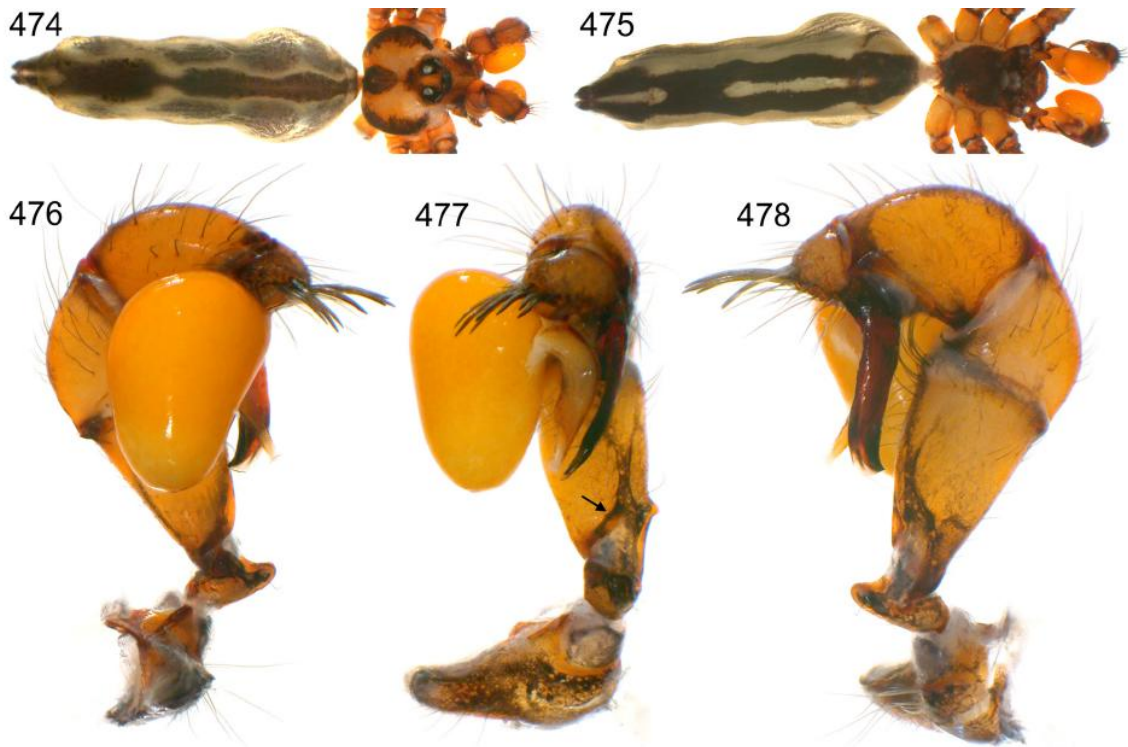
Variation. Other male with only 14 modified hairs on clypeus; tibia 1: 15.1

Female. In general similar to male; clypeus unmodified, variably dark. Tibia 1: 14.8 (missing in other females). Epigynum consisting of long rectangular anterior plate with distinctive hump frontally and large posterior plate (Figs. 511–512, 526, 551); internal genitalia as in Figs. 526 and 552.

Natural history. *S. djidji* was mainly found between buttresses of large trees.

Distribution. Known from type locality only (Fig. 468).

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FIGURES 469–478.

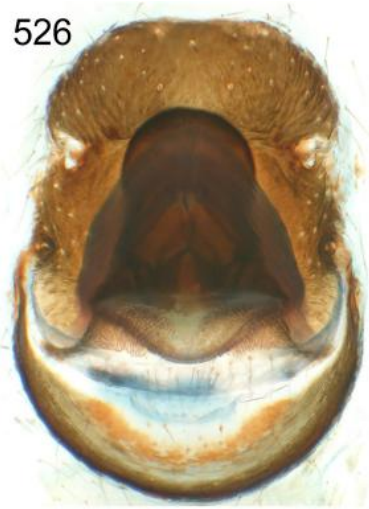
S. djidji n. sp. (474–478). 469–470, 474–475. Males, dorsal and ventral views. 471–473, 476–478. Left male palps, prolateral, dorsal, and retrolateral views. Arrow points at ventral sclerotized ridge.

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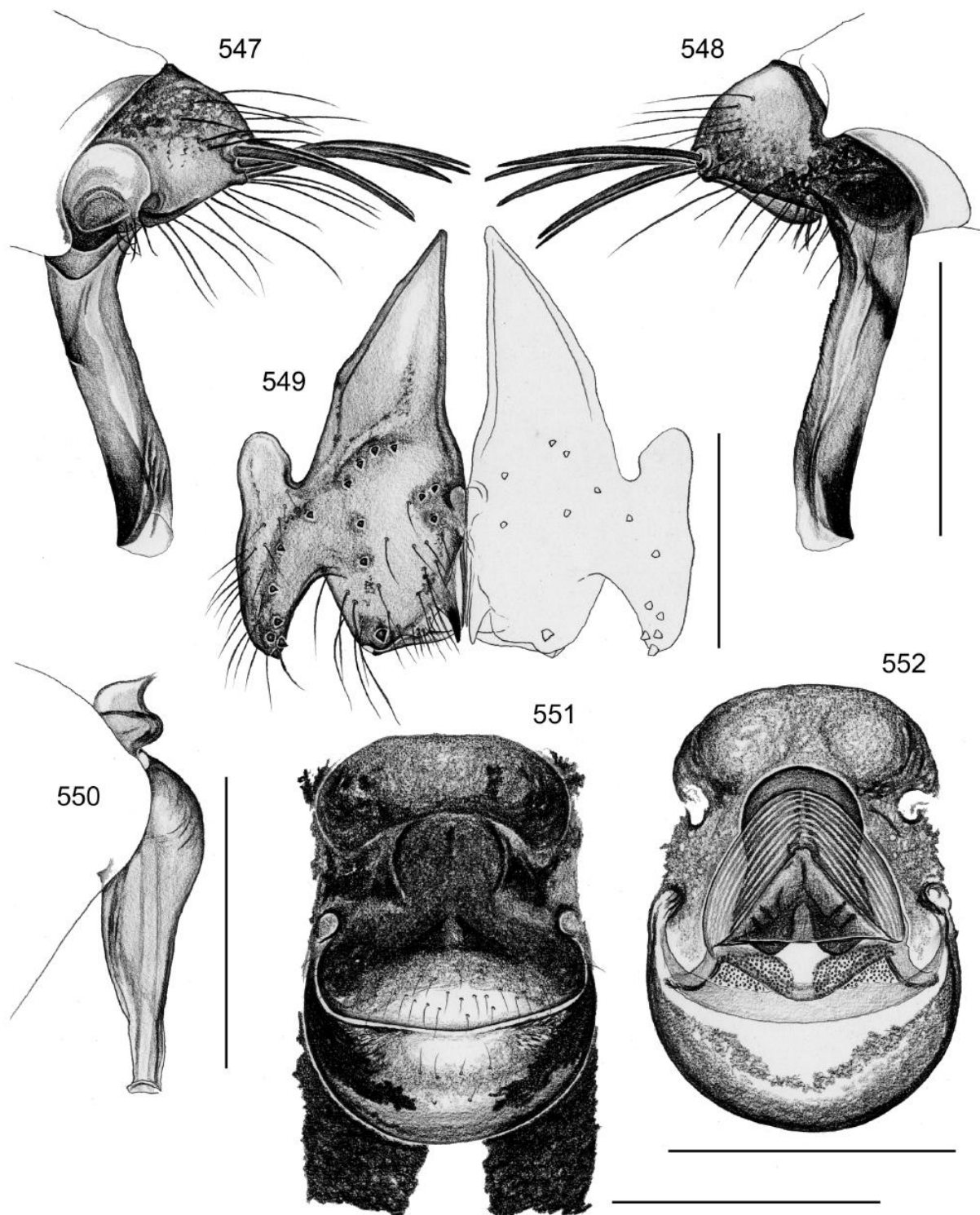
511–512. *S. djidji* n. sp.

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FIGURES 525–533. Cleared female genitalia in dorsal view, *simplex* group.
djidji n. sp.

526. *S.*



FIGURES 547–552. *Smeringopina djidji* n. sp. 547–548. Left procurus, prolateral and retrolateral views. 549. Male chelicerae, frontal view. 550. Left embolus, prolateral view. 551. Epigynum, ventral view. 552. Cleared female genitalia, dorsal view. Scale lines: 0.5 (547–550), 1.0 (551–552).