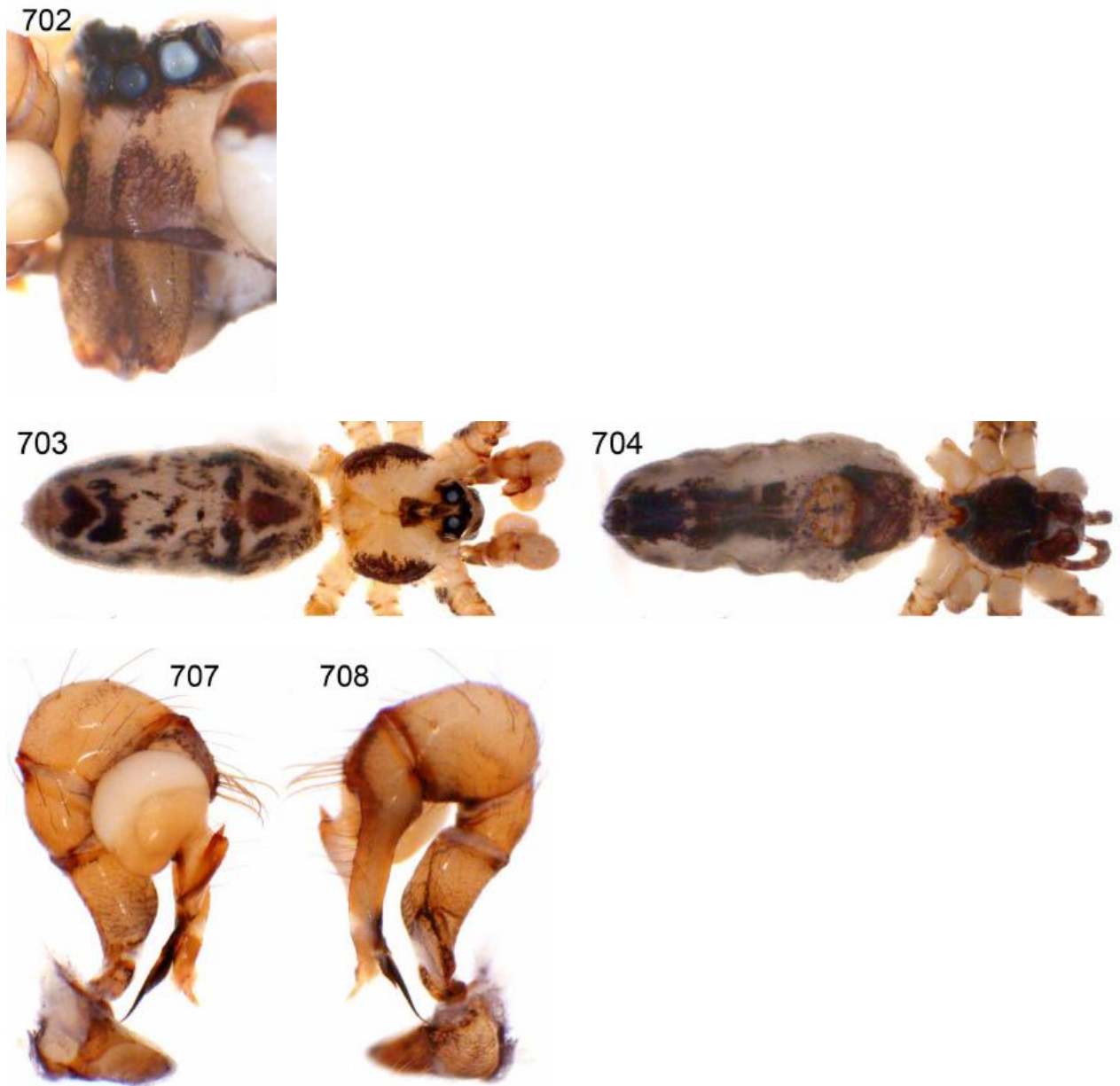


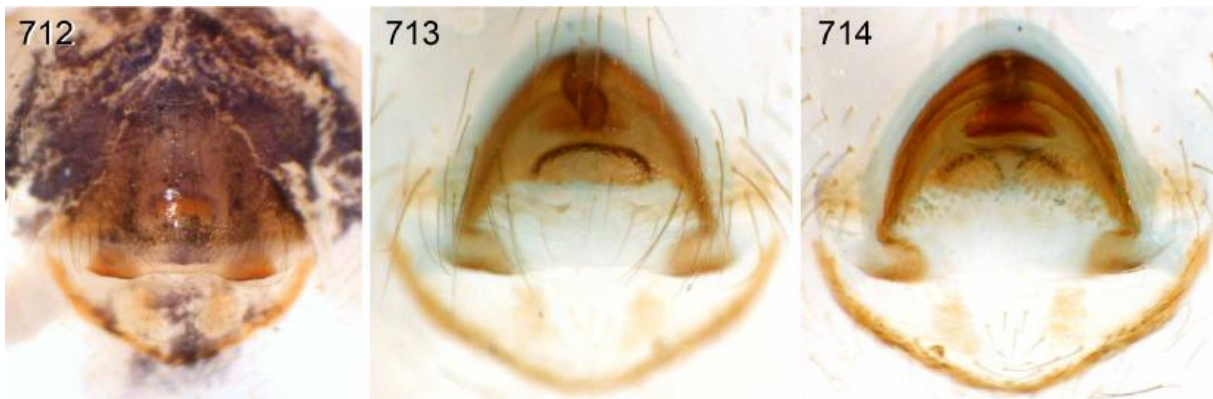
***Smeringopus prince* Huber, 2012**

Huber, B. A. 2012. Revision and cladistic analysis of the Afrotropical endemic genus *Smeringopus* Simon, 1890 (Araneae: Pholcidae). *Zootaxa* 3461: 1-138.

p. 115



FIGURES 699–708. *Smeringopus thomensis* group. *S. prince* (702–704, 707–708)
699, 701, 703. Males, dorsal views. 700, 702. Male prosomata, oblique frontal views. 704. Female, ventral view. 705–708. Left male palps, prolateral and retrolateral views.



FIGURES 709–717. *Smeringopus thomensis* group. Epigyna, ventral views and cleared female genitalia, ventral and dorsal views.
712–714. *S. princeps*

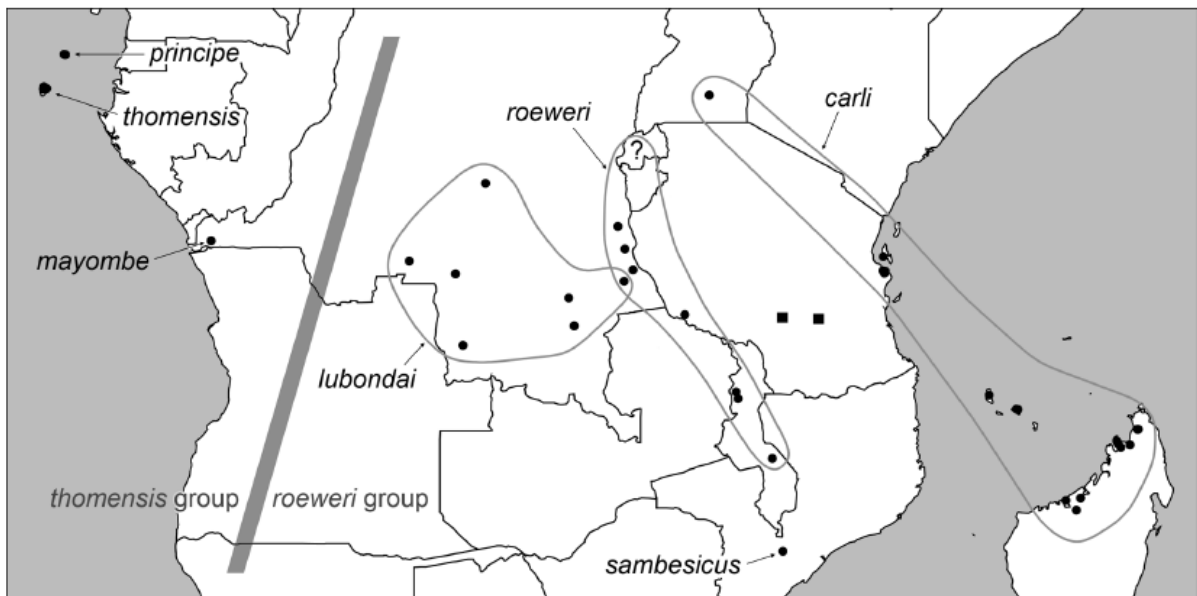
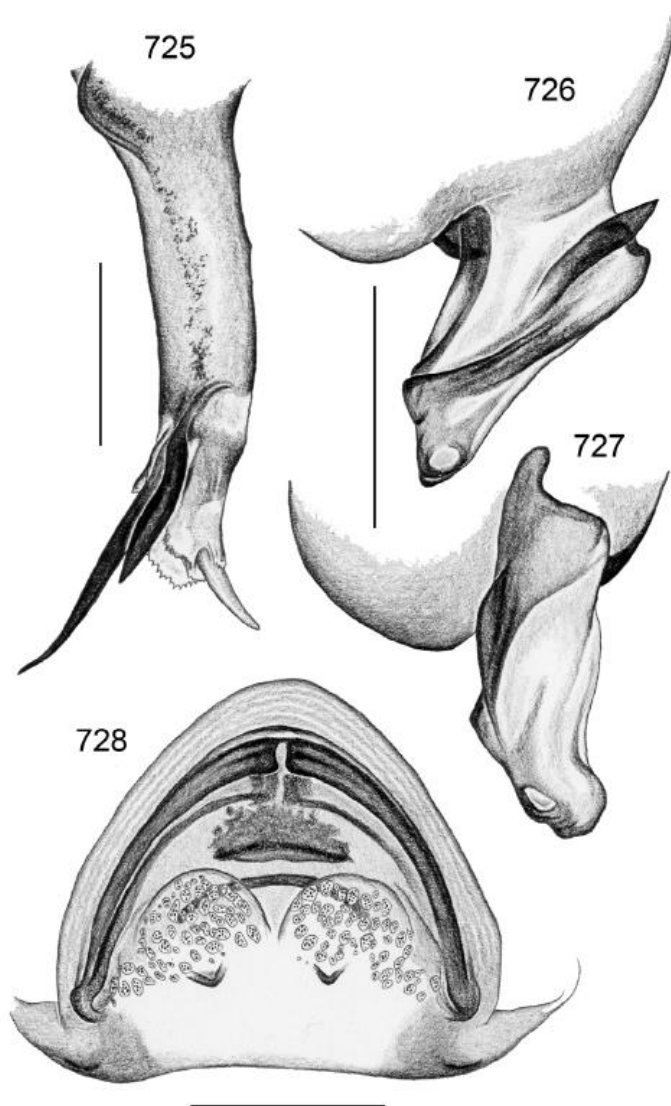


FIGURE 718. Known distributions of the *thomensis* and *roeweri* groups. "?": unknown type locality of *S. roeweri* in Rwanda. Squares: further undescribed species.



FIGURES 725–731. *Smeringopus princeps* (725–728) 725. Left procurus, prolateral view. 726–727, 729–730. Left emboli, prolateral and dorsal (slightly distal) views. 728, 731. Cleared female genitalia, dorsal views. Scale lines: 0.3 mm.

***Smeringopus princeps* new species**

Figs. 702–704, 707–708, 725–728, 741–744

Type. Male holotype from São Tomé and Príncipe, Príncipe Island, forest on road to Sundi Plantation, 3.55 air km NW Santo Antonio de Príncipe (1°39.6'N, 7°23.7'E), 195 m a.s.l., sifting leaf litter, 21.iv.2001 (C.E. Griswold), in CAS.

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

Diagnosis. Distinguished from similar congeners (other species of the *thomensis* species group) by dorsal projection on procurus tip (Figs. 725, 742) and much wider pore plates (Figs. 728, 743); also by shape of embolus (only one rounded apophyses arising from embolus; Figs. 726, 727; similar *S. mayombe*); from *S. thomensis* also by pair of sclerotized areas on posterior rim of epigynum (Fig. 712). Easily distinguished from all other congeners by distinctive color pattern dorsally on abdomen (figure composed of three black elements on posterior half; in Fig. 703 the frontal part of this figure appears fragmented).

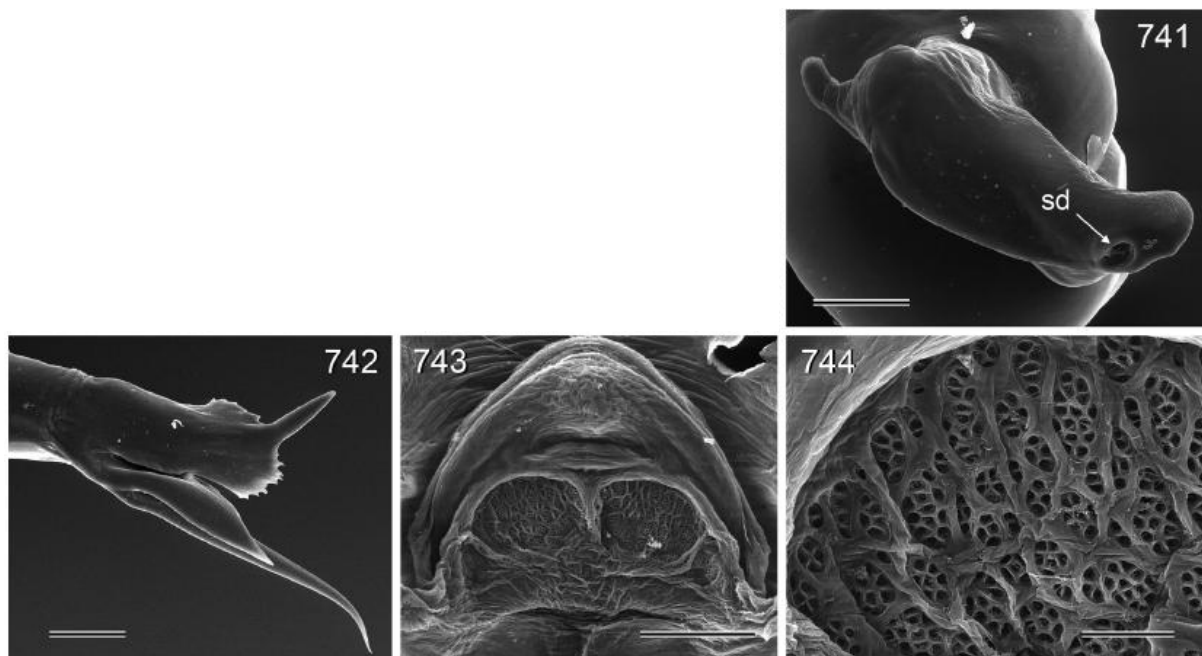
Male (holotype). Total body length 5.8, carapace width 1.9. Leg 1: 51.7 (14.0 + 0.8 + 12.4 + 21.7 + 2.8), tibia 2: 9.5, tibia 3: 6.8, tibia 4: 9.1; tibia 1 L/d: 54. Habitus as in Fig. 703. Carapace ochre-yellow with median dark mark restricted to frontal part, wide lateral marks, clypeus distal half darker, with pair of lines also restricted to distal half, sternum dark brown with small light spots, legs ochre-yellow, femora and tibiae with dark subdistal rings and light tips, abdomen grey with distinctive dorsal pattern, ventrally with dark anterior and posterior plates and three indistinct bands in median section. Distance PME-PME 125 μ m, diameter PME 175 μ m, distance PME-ALE 70 μ m, distance AME-AME 45 μ m, diameter AME 135 μ m. Ocular area slightly elevated, secondary eyes with small dark 'pseudo-lenses'; deep thoracic pit. Chelicerae with pair of small distal apophyses as in *S. thomensis* (cf. Fig. 721). Palps as in Figs. 707 and 708, coxa with distinct retrolateral apophysis, trochanter barely modified, femur with deep retrolateral furrow, proximal rim distinct, procurus with distinctive distal structures including semitransparent dorsal process (Figs. 725, 742), bulb with sclerotized embolus with one rounded dorsal process (Figs. 726, 727, 741). Legs without spines, few vertical hairs, without curved hairs, retrolateral trichobothrium on tibia 1 at 3%; prolateral trichobothrium present on tibia 1.

Variation. Tibia 1 in 6 other males: 11.1–12.4 (mean 11.9).

Female. In general similar to male; tibia 1 in 3 females: 9.5, 10.7, 11.2. Epigynum a simple, roughly triangular plate with pair of pockets and pair of sclerotized areas on posterior rim, with distinct transversal internal structure visible through cuticle, posterior plate semicircular (Figs. 712, 713); internal genitalia as in Figs. 714 and 728.

Distribution. Known from Príncipe Island only (Fig. 718).

Material examined. SÃO TOMÉ AND PRÍNCIPE: *Príncipe*: forest on road to Sundi Plantation, 3.55 air km NW Santo Antonio de Príncipe: type above; same data, 1♂1♀ 1 juv. in CAS; same data but without "sifting litter", 4♂1♀ + juvs in CAS; same data but beating/sweeping forest understory, 1♀ in CAS. Agua Doctor, degraded forest north of Santo Antonio de Príncipe on road to airport (1°39.3'N, 7°25.0'E), 19.iv.2001 (C.E. Griswold), 1♂1♀ + juvs in CAS. 1.72 air km 241° W of Santo Antonio de Príncipe town centre (1°38.0'N, 7°24.4'E), 120 m a.s.l., forest understory, 20.iv.2001 (C.E. Griswold), 1♂1♀ 2 juvs in CAS. Portinho, trail to Praia Salgada (1°37.9'N, 7°27.1'E), 16.v.2001 (J.M. Ledford), 1♂1♀ 2 juvs in CAS.



FIGURES 732–744.

S. princeps (741–744).

741. Left embolus, distal view. 742. Left procurus tip, prolateral view. 743. Cleared female genitalia, dorsal view. 744. Detail of pore plate. Scale lines: 10 μ m (734, 737), 20 μ m (740), 30 μ m (744), 80 μ m (733, 735–736), 100 μ m (739, 741–742), 200 μ m (732, 738, 743).