Pholcus strandi Caporiacco, 1941

Caporiacco, L. di 1941. Arachnida. In: Missione Biologica Sagan-Omo, Vol. 12, Zool. 6: 1-159.

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Pholcus strandi sp. n.

Fig. 5.

M e g a , 10 settembre 1938: 2 ♂, 3 ♀.

♂ *Corporis totius long. mm. 6,5; cephalothoracis mm. 2; abdominis mm. 4,5; pedum I paris long. mm. 43 (femoris mm. 11, patellae mm. 1, tibiae mm. 11, metatarsi mm. 16, tarsi mm. 3,5); II mm. 29 (8 + 0,8 + + 7 + 11 + 2); III mm. 21 (6 + 0,75 + 5 + 7 + 2) IV mm. 26,75 (7,5 + 1 + 6,5 + 9,5 + 2); pedipalporum mm. 2,2; cephalothoracis latitudo maxima mm. 1,85.*

♀ *Corporis totius long. mm. 6,1; cephalothoracis mm. 2; abdominis mm. 4,1; pedum I paris mm. . . . (desunt); II mm. 24 (6 + 1 + 5,75 + + 9 + 2); III mm. 17,75 (5,5 + 1 + 3,5 + 5,75 + 1,75); IV mm. 24 (7 + 1 + 5,75 + 8 + 2); pedipalporum mm. 1,6; cephalothoracis latitudo maxima mm. 1,85.*

Cephalothorax fulvus, vitta lata media longitudinali brunnea (quae antice, post oculos, duas lineolas breves longitudinales et postice lineolam fulvam longitudinalem, sulcum attingentem, continet) et limbo angusto brunneo, qui lateribus utrinque 3 lineolis brunneis cum vitta media coniungitur. Clypeus brunneus lateribus fulvus et vitta angusta media verticali fulva. Sternum fulvum. Chelae brunneae. Palpi fusci. Pedes fulvi; femore adest annulus apicalis albus et annulus subapicalis brunneus: patellae fulvobrunneae; tibiae annulo basali et annulo subapicali brunneis: annuli sat lati. Sternum fulvum. Abdomen flavidum desuper vitta media nigra sat lata, angustissime albolimbata et in medio interrupta: subtus fulvolividum vitta media longitudinali nigrescenti.

Oculi superiores et laterales antici inter se subaequi, subcontigui, praesertim ♂ pedunculo valde conspicuo siti. Mediorum anticorum radius tertiam partem diametri caeterorum aequat: inter se spatio eorum radio paulo minore, a lateralibus spatio radio triplo remoti.

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Clypeus oculis mediis anticis quintuplo maius. Linea libra inferiore mediorum tangens laterales evidenter sub medium resecat.

Palpi forma (fig. 5 *a*) *intus; b*) *extus*) Ph. chappuisi *Fage simillimi, sed bulbus et paracymbium magis elongati, paracymbium alia forma et apophysis trochanteris magis acuta.*

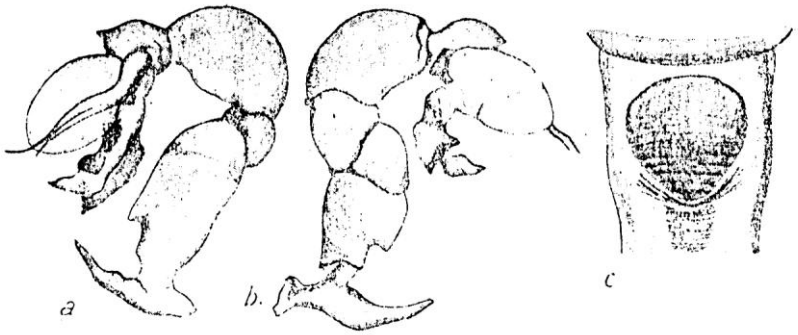

Fig. 5. – *Pholcus strandi* di Cap.
a, ♂ palpus intus; b, palpus extus; c, ♀ epigyne.

Epigyne (fig. 5 *c*) *e plagula pentagonali lata convexa, brunnea, antice truncata, postice acuta et transverse vix striata constat.*

Pholco chappuisi *multo magis quam* Ph. lucifugo *Fage et Simon est similis.*

Species est dom. Strandio arachnologo summo dicata.

Huber, B. A. 2011. Revision and cladistic analysis of *Pholcus* and closely related taxa (Araneae, Pholcidae). Bonner zool. Monographien 58: 1-510.

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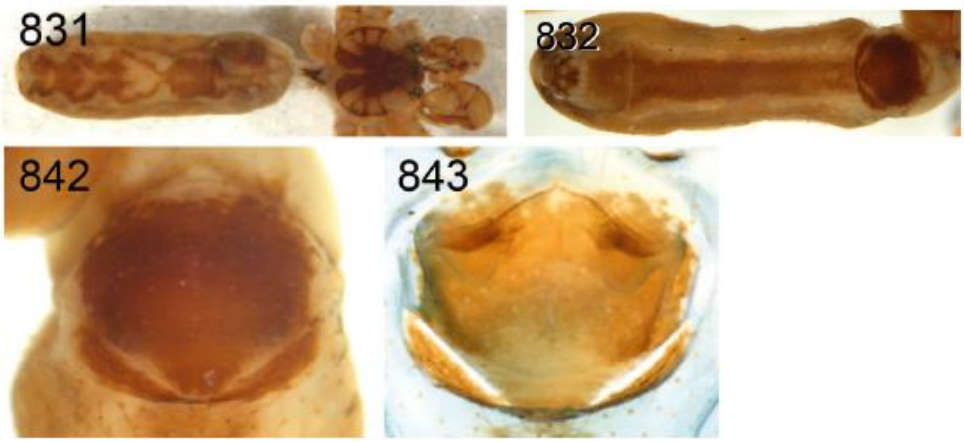

831, 832. *Ph. strandi*, male, dorsal view; female abdomen, ventral view.
842, 843. *Ph. strandi.*

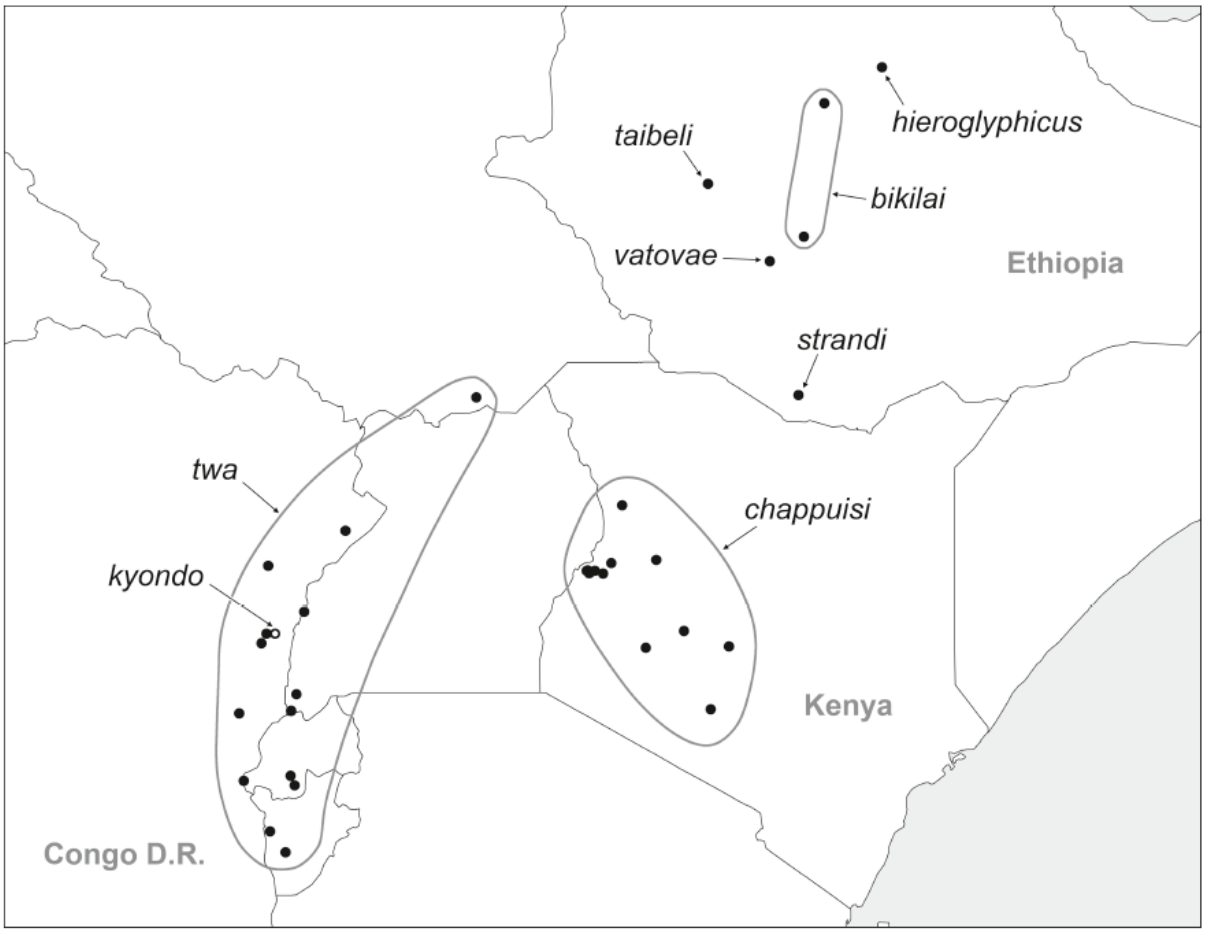

FIG. 846. Known distribution of the *Pholcus chappuisi* species group.

Pholcus strandi Caporiacco, 1941

Figs. 831, 832, 842, 843, 879-885

Pholcus strandi Caporiacco 1941: 33-34, figs. 5a-c.

Types. The specimens below originate from the type locality (Ethiopia: Mega), and one vial even carries the label "syntypi", but the collection date (18. iv.1939) does not agree with the date given in the original publication (10.ix.1938). Therefore, I do not consider them to be part of the type series (which may be lost), but their correct assignment to this species is beyond doubt.

Diagnosis. Easily distinguished from other *Pholcus* species by male cheliceral armature (Figs. 882, 883), by appendix reduced to thin transparent process (Fig. 879), long and slender procursus (Fig. 881), and simple sclerotized epigynum without 'knob' (Figs. 842, 884).

Male ("syntype"). Total body length 5.5, carapace width 1.5. Leg 1: 39.5 (10.0 + 0.7 + 10.3 + 16.0 + 2.5), tibia 2: 6.8, tibia 3: 4.8, tibia 4: 6.3; tibia 1 L/d: 65. Habitus as in Fig. 831. Carapace ochre-yellow with distinctive brown pattern, ocular area and clypeus also darkened, sternum ochre-yellow, anteriorly slightly darker spot, legs ochre-yellow, patellae and tibia-metatarsus joints brown, femora and tibiae with subdistal darker rings, abdomen ochre-gray with distinctive brown pattern dorsally, ventrally with wide brown band (cf. female, Fig. 832). Distance PME-PME 550 µm, diameter PME 105 µm, distance PME-ALE 45 µm, distance AME-AME 35 µm, diameter AME 95 µm. Ocular area elevated, many stronger hairs on posterior side, each triad on short stalk directed laterally. No thoracic furrow; clypeus unmodified. Chelicerae as in Figs. 882 and 883, with distinctive pair of large frontal apophyses, lateral pair of transparent protuberances. Sternum wider than long (1.05/0.80), unmodified. Palps as in Figs. 879 and 880, coxa unmodified, trochanter with long ventral apophysis, tip apparently with modified hair, femur with prominent ventral protrusion, procursus very slender and simple, ending distally in two sclerotized tips and membranous structure (Fig. 881), bulb slightly elongate, with large uncus, weakly sclerotized short embolus, appendix apparently reduced to thin transparent process. Legs without spines and curved hairs, few vertical hairs (most hairs missing); retrolateral trichobothrium on tibia 1 at 4%; prolateral trichobothrium absent on tibia 1, present on other tibiae; tarsal pseudosegments indistinct, only distally a few visible in dissecting microscope.

Variation. Other male with less distinct pattern on abdomen; tibia 4: 6.5.

Female. In general similar to male but triads closer together (distance PME-PME 320 µm), tibia 1 missing in "syntype", tibia 2: 5.5, tibia 3: 3.8, tibia 4: 5.3. Epigynum consisting of large anterior plate tapering posteriorly and narrow posterior plate (Fig. 842); without 'knob' (Fig. 884); internal genitalia as in Figs. 843 and 885.

Distribution. Known from type locality only (Fig. 846).

Material examined. ETHIOPIA: Mega [4°03'N, 38°19'E], 18.iv.1939 (Zavattari), with label "syntypi", 1♂1♀ in MZF; same data, 1♂ 3 juvs. in MZF.

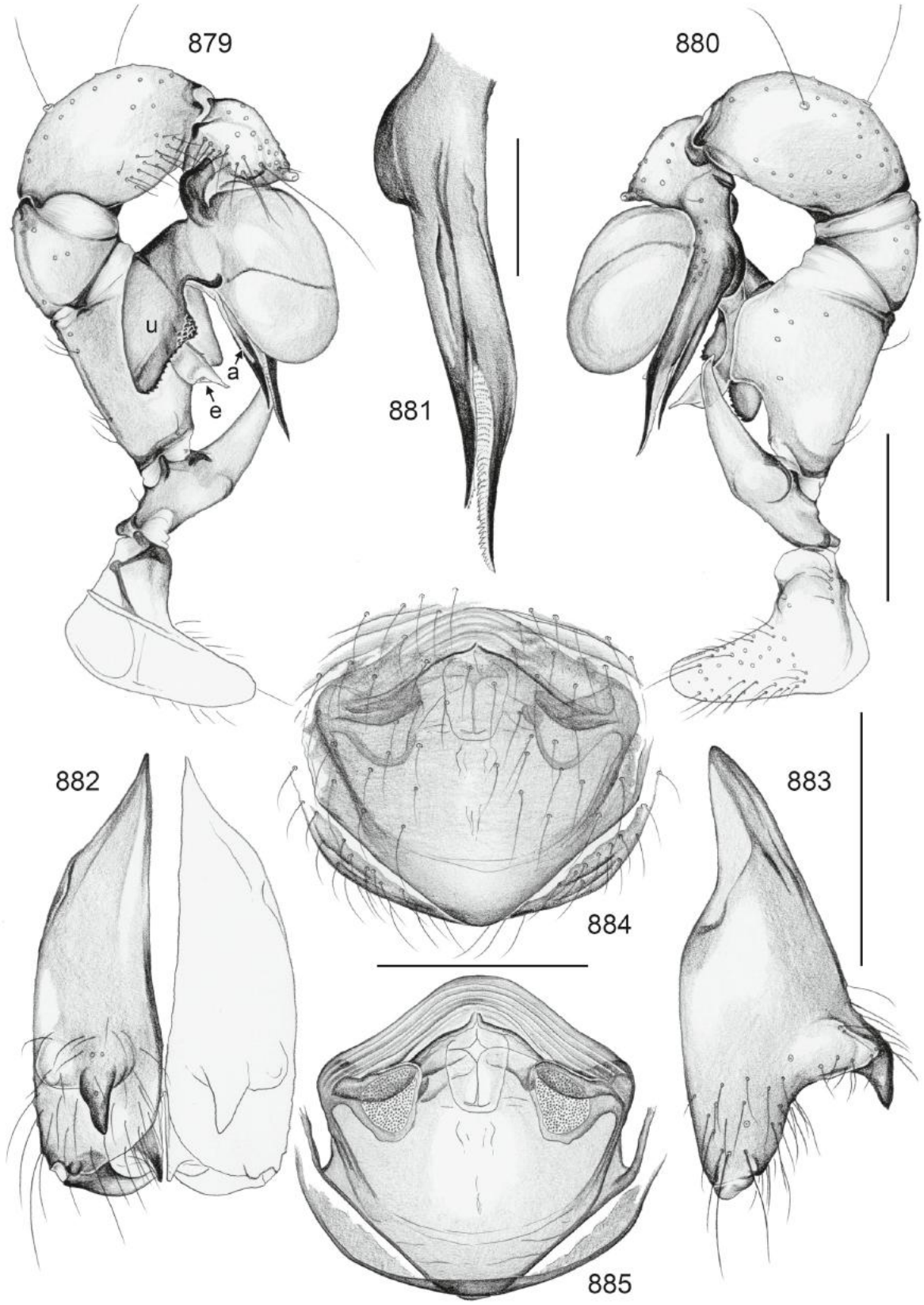

FIG. 879-885. *Pholcus strandi*. 879, 880. Left male palp, prolateral and retrolateral views. 881. Left procursus, prolateral view. 882, 883. Male chelicerae, frontal and lateral views. 884, 885. Cleared female genitalia, ventral and dorsal views. Scale lines: 0.5 (879, 880, 882-885), 0.2 (881).