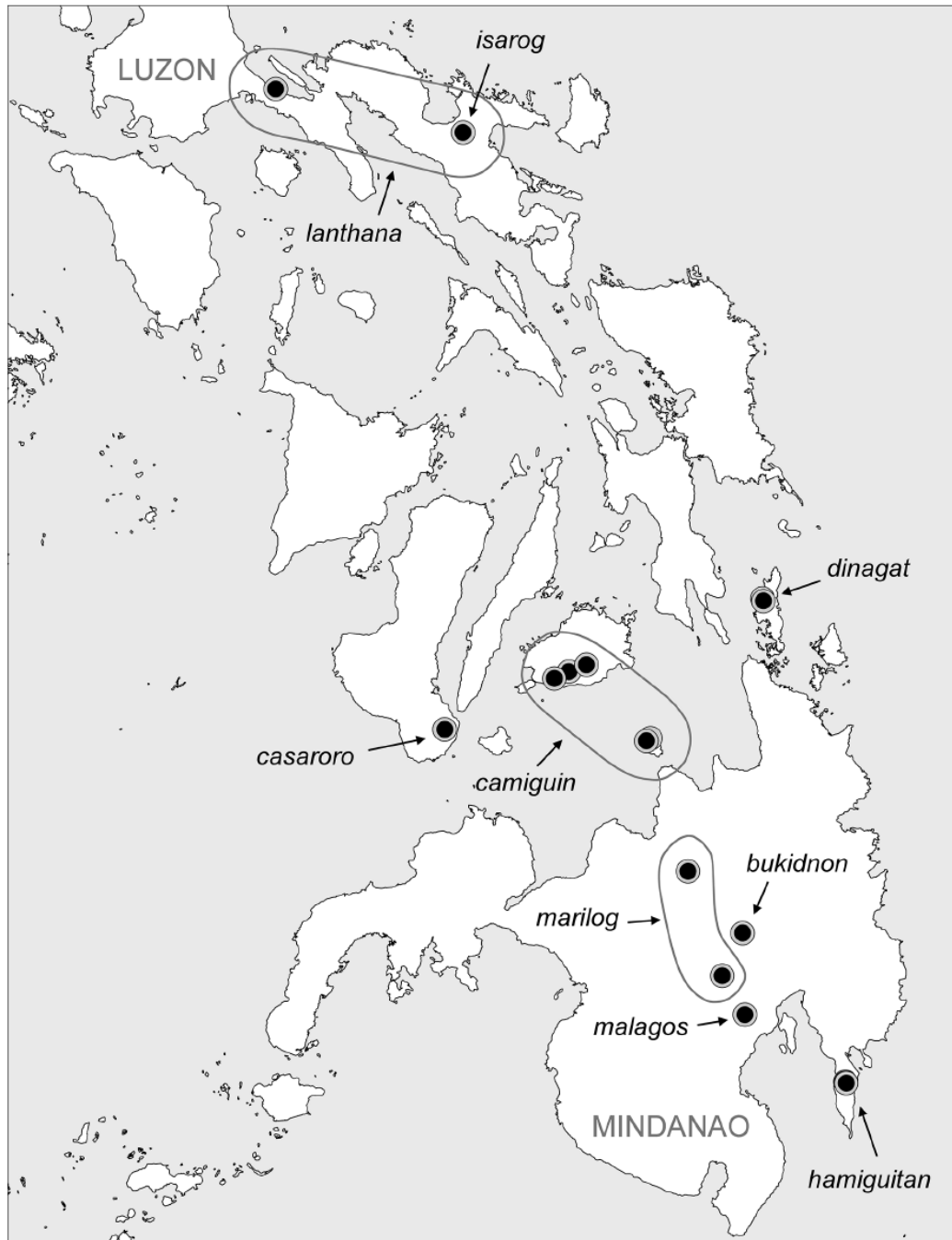


***Panjange isarog* Huber, 2015**

**Huber BA, Nuñeza OM. 2015.** Evolution of genital asymmetry, exaggerated eye stalks, and extreme palpal elongation in *Panjange* spiders (Araneae: Pholcidae). *European Journal of Taxonomy* 169: 1-46.

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**Fig. 16.** Known distribution of the *Panjange lanthana* group.

*Panjange isarog* Huber sp. nov.[urn:lsid:zoobank.org:act:AEDDA6F2-E310-4FAA-873D-A001878505A2](https://zoobank.org/urn:lsid:zoobank.org:act:AEDDA6F2-E310-4FAA-873D-A001878505A2)

Figs 69–73

**Diagnosis**

Easily distinguished from closest known relatives (*Pa. marilog* Huber sp. nov.; *Pa. dinagat* Huber sp. nov.) by processes arising from near male PME with widened tips (Fig. 71), by morphology of male palp (Figs 69, 70; simple retrolatero-ventral trochanter apophysis; procursus with transparent dorsal flap; appendix with simple tip, short and evenly curved), and by epigynal scape without widening in mid-section (Fig. 72). From other congeners also by male clypeus modification (Fig. 71; patch of ~25 short spines), and by epigynal scape directed toward anterior (Fig. 72).

**Etymology**

The species name is derived from the type locality; noun in apposition.

**Type material**

PHILIPPINES: holotype ♂, in ZFMK (Ar 13013), Luzon, Camarines Sur Province, Mt. Isarog, W slope (13.664°N, 123.34–123.35°E), ~600–900 m a.s.l., forest, on leaves, 23 Feb. 2014 (B.A. Huber).

**Other material examined**

PHILIPPINES: 2 ♀♀ in ZFMK (Ar 13014), same data as holotype.

**Description****Male** (holotype)

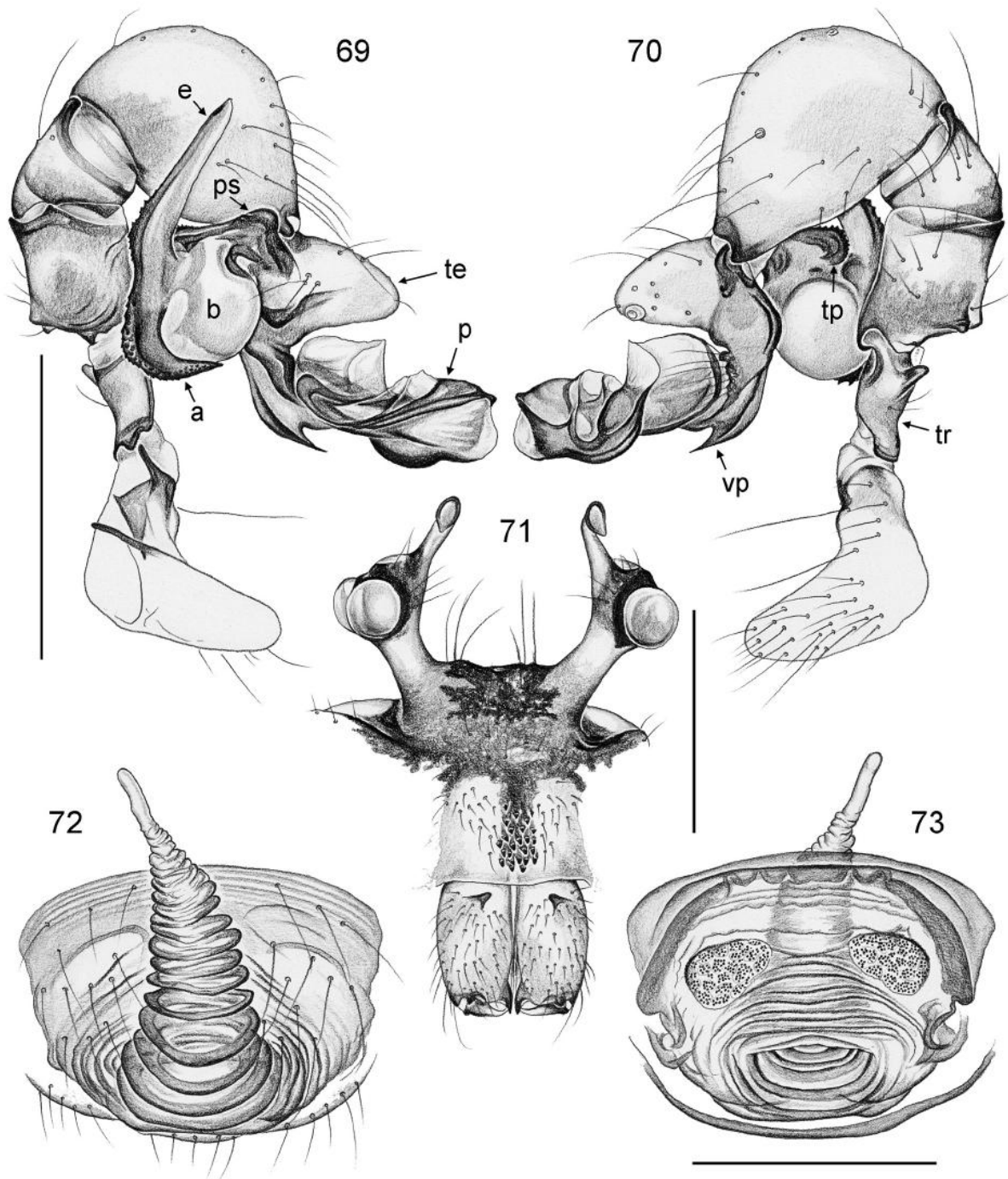
MEASUREMENTS. Total body length 5.2, carapace width 1.1. Leg 1: 38.8 (8.9 + 0.5 + 9.1 + 18.3 + 2.0), tibia 2: 6.1, tibia 3: 3.6, tibia 4: 5.5; tibia 1 L/d: 98. Distance PME–PME 450 µm, diameter PME 90 µm, distance PME–ALE ~40 µm; AME absent.

COLOR. Carapace pale ochre yellow to whitish, without posterior mark, ocular area and clypeus dark brown, with black mark in AME area; sternum whitish; legs ochre-yellow with dark brown patellae and tibia-metatarsus joints; abdomen ochre-gray, with black marks dorsally, monochromous ventrally.

BODY. Habitus similar to *Pa. marilog* Huber sp. nov. and *Pa. dinagat* Huber sp. nov. (cf. Figs 11, 14); ocular area raised, each triad on long stalk, curved process arising from near PME with distinctive widened tip directed toward anterior (Fig. 71); carapace without median furrow; clypeus with distinct field of ~25 short spines, with slightly longer but not stronger hairs below black mark; sternum wider than long (0.70/0.55), unmodified.

CHELICERAE. As in Fig. 71, with pair of simple, weakly sclerotized processes in rather frontal position directed toward median; without modified hairs; without stridulatory ridges.

PALPS. As in Figs 69–70; symmetric; coxa with strong ventro-distal rim but otherwise unmodified; trochanter relatively long, with two simple retrolateral processes; femur short, with two short dorsal processes; tibia short and wide (width ~65% of length); tarsus with short whitish elongation with subterminal tarsal organ; procursus proximal part with pointed ventral process, distal part hinged, very complex, with distinctive dorsal transparent flap; bulb with strong proximal sclerite, with processes extending in opposite directions (dorsal embolus; ventral appendix with many small scales), with small retrolateral toothed process arising from proximal bulbal sclerite, without small round sclerite between appendix and bulb.



**Figs 69–73.** *Panjange isarog* Huber sp. nov. (ZFMK, Ar 13013, 13014). 69–70. Left male palp, prolateral and retrolateral views. 71. Male prosoma and chelicerae, frontal view. 72–73. Cleared female genitalia, ventral and dorsal views. Abbreviations: a = appendix; b = genital bulb; e = embolus; p = procursus; ps = proximal bulbal sclerite; te = tarsal elongation; tp = toothed process of proximal bulbal sclerite; tr = trochanter. Scale bars: 69–71 = 0.5 mm; 72–73 = 0.3 mm.

LEGS. Without spines and curved hairs; few vertical hairs; retrolateral trichobothrium on tibia 1 at 2%; prolateral trichobothrium absent on tibia 1, present on other tibiae; tarsus 1 with > 30 pseudosegments, only distally distinct.

#### **Female**

In general similar to male but eye triads on low humps and much closer together (distance PME–PME 250  $\mu$ m); clypeus unmodified. Tibia 1: 6.9, 7.4. Epigynum very small, weakly sclerotized plate with scape directed toward anterior, scape strongly folded, apparently extensible, without widening in mid-section (Fig 72); internal genitalia as in Fig. 73.

#### **Distribution**

Known from type locality on Luzon Island only (Fig. 16).