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## A redescription of *Lophostica mauriciana* SIMON, 1902 (*Araneae: Salticidae*)

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ABSTRACT. *Lophostica mauriciana* SIMON, 1902 is redescribed, the first description of the male of this species is given and the lectotype is designated.

Key words: arachnology, taxonomy, *Salticidae*, *Lophostica mauriciana*, redescription, Mauritius.

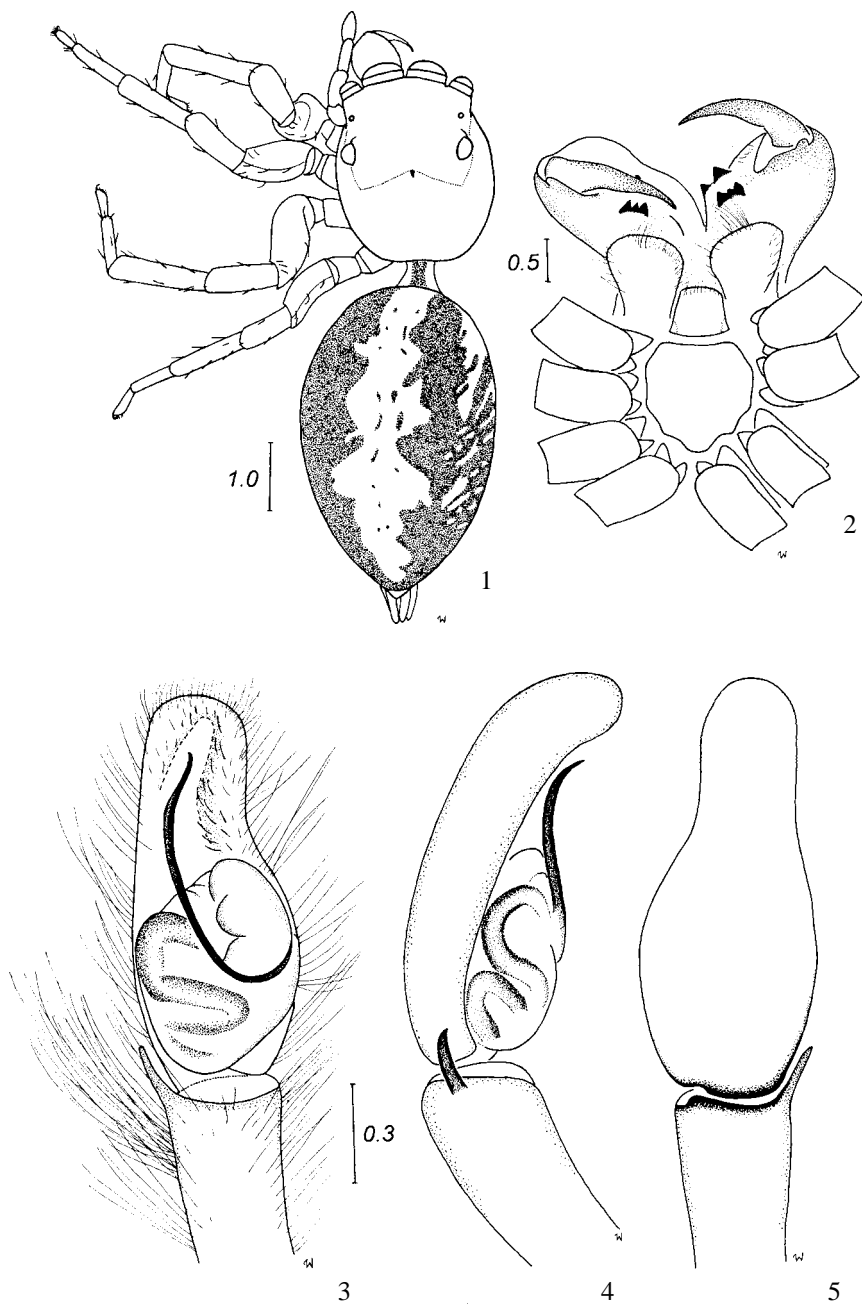
*Lophostica mauriciana*, the type species of a monotypic genus, was described by SIMON (1902) from the Mauritius island. The original description was very brief without any taxonomic drawings (some very schematic drawings were added by SIMON in 1903). This species has not been recorded by any other author, probably due to this inadequate description.

A rediscovery of the type specimens at the Muséum National d'Histoire Naturelle in Paris permits a redescription of this species. Only a female was mentioned in the original description. As both sexes are kept in the collection, the redescription of female is accompanied by a description of a male.

The systematic position and affinities of this - probably endemic - species remain unclear.

### *Lophostica mauriciana* SIMON, 1902 (Figs 1-8)

*Lophostica mauriciana* SIMON 1902: 390-391; 1903: 810.



1-5. *Lophostica mauriciana* SIM.: 1 - general appearance of female, 2 - cheliceral dentition of male; 3-5 - palpal organ, 3 - ventral, 4 - lateral, 5 - dorsal

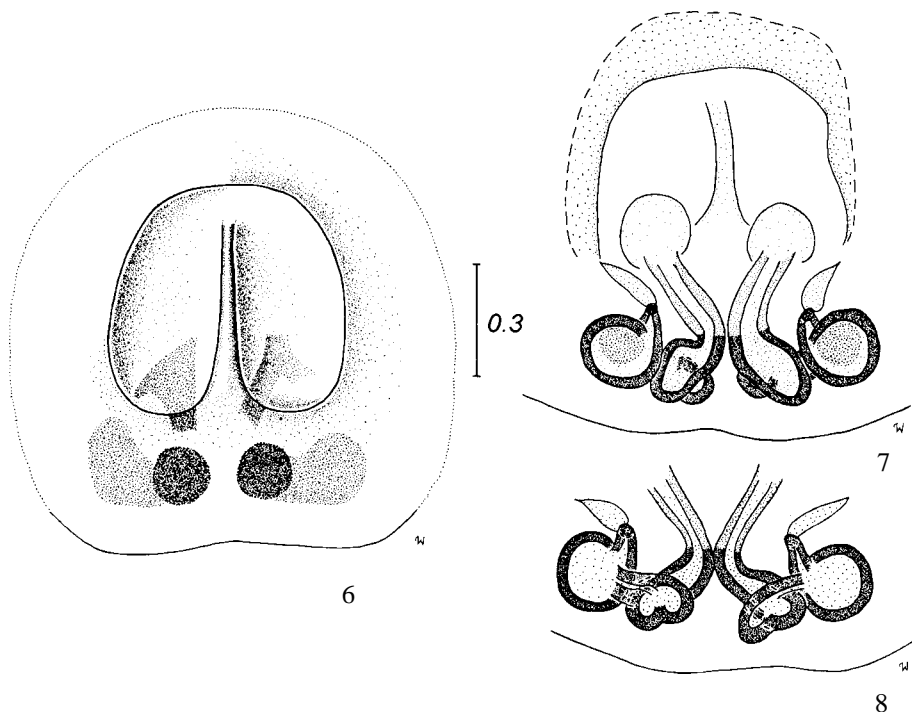
## MATERIAL.

Mauritius island [Ins. Mauricia], 1 female (lectotype; present designation - in separate vial), 4 females, 1 male, leg. C. ALLUAUD, Muséum National d'Histoire Naturelle, Paris (19040).

## DESCRIPTION.

Measurements (male/female). Carapace: length 4.1/3.5[mm], width 3.4/2.8, height 1.9/1.9. Ocular area: length 1.8/1.6, anterior width 2.4/2.1, posterior width 2.5/2.1. Abdomen: length 3.7/5.5, width 3.1/3.5.

Male. Large salticid. Carapace brown, rounded and convex, rather high. Eye field darker, occupies almost half of carapace length, vicinity of eyes almost black. Clypeus very low, covered with white hairs. Maxillae and labium yellow with brown bases. Sternum orange, scutiform. Chelicerae large, dark brown, promargin with two teeth, retromargin with triple tooth (Fig. 2). Abdomen (partially damaged) brown, spinnerets orange. Legs long and thin, orange-brownish, first pair longest (with very long tibiae). Leg hairs brown; spines long, brown. Pedipalp long, brown, clothed in long hairs. Cymbium long and narrow (Fig. 5). Single tibial apophysis straight and thin (Figs 3-5), bulbus oval, sperm duct course meandering, embolus long and almost straight (Figs 3-4).



6-8. *Lophostica mauricana* SIM.: 6 - epigyne, 7-8 - internal structure: 7 - ventral, 8 - dorsal

Female. Dorsal aspect as in Fig. 1. Colouration of carapace like in male. Abdomen grey with median irregular yellow strip and longitudinal patches laterally. Venter yellowish. Epigyne rounded with large central depression partially separated with narrow ridge (Fig. 6). Initial parts of seminal ducts weakly sclerotized, spermathecae spherical (Figs 7-8).

#### ACKNOWLEDGEMENTS

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