

## First record of *Cosmophasis lami* (Berry, Beatty & Prószyński 1997) in Vietnam (Araneae: Salticidae: Chrysillini)

Truong Van Tam<sup>1</sup> and Tran Bao Dang<sup>2</sup>

<sup>1</sup> Center for Vocational Education - Continuing Education, Cho Lach District, Ben Tre Province, Vietnam,  
email trvtam228@gmail.com

<sup>2</sup> email trbaodang@gmail.com

*Cosmophasis lami* (Berry, Beatty & Prószyński 1997) was first described from a male collected at Lami Beach, Suva, Viti Levu, Fiji, on shrub foliage. *C. lami* has now been found over a wide range, from the Society Islands in the east to the Seychelles in the west, with many records from Java, Sumatra, the Malay peninsula, and Taiwan (Hurni-Cranston & Hill 2021; WSC 2024). However the species has not been previously reported from southeast Asia between Malaysia and Taiwan. Here we report this species from Vietnam for the first time (Figures 1-2). This is the second species of *Cosmophasis* recorded in Vietnam to date, after *C. thalassina* (C. L. Koch 1846), bringing the number of jumping spider species recorded in Vietnam to 178 species (Metzner 2024).



**Figure 1.** Male *Cosmophasis lami* from Ho Chi Minh City, collected by Tran Bao Dang. 4-6, Ventral, ventromedial, and dorsal views of left pedipalp.



**Figure 2.** Two female *Cosmophasis lami* from Can Giuoc District, Long An Province, collected by Tran Bao Dang. **8-9**, Ventral view of epigynum (anterior toward the top of the page).

Males and females of this species can be identified from descriptions by Berry, Beatty & Prószyński (1997) and Žabka and Waldock (2012). In *Cosmophasis*, the detailed structure of both male and female genitalia has been of particular importance for identification to species. Recently it has been assumed that both white and orange female forms (Figure 2) represent a single species, but more studies are needed to confirm this.

## References

- Berry, Beatty, & Prószyński 1997.** James W. Berry, Joseph A. Beatty, Jerzy Prószyński. Salticidae of the Pacific Islands. II. Distribution of nine genera, with descriptions of eleven new species. *Journal of Arachnology* 25: 109-136.
- Hurni-Cranston & Hill 2021.** Tiziano Hurni-Cranston, David E. Hill. 3 FEB 2021. Three new jumping spiders of the genus *Cosmophasis* from Wallacea (Araneae: Salticidae: Chrysillini). *Peckhamia* 228.1: 1-84.
- Metzner 2024.** Heiko Metzner. Jumping spiders (Arachnida: Araneae: Salticidae) of the world, *online at* <https://www.jumping-spiders.com>
- WSC 2024.** World Spider Catalog. Version 25.0. Natural History Museum Bern, *online at* <http://wsc.nmbe.ch>, accessed on 14 JUL 2024. doi: 10.24436/2
- Žabka and Waldock 2012.** Marek Žabka, Julianne Waldock. Salticidae (Arachnida: Araneae) from Oriental, Australian and Pacific Regions. Genus *Cosmophasis* Simon, 1901. *Annales Zoologici, Warszawa* 62 (1): 115-198.