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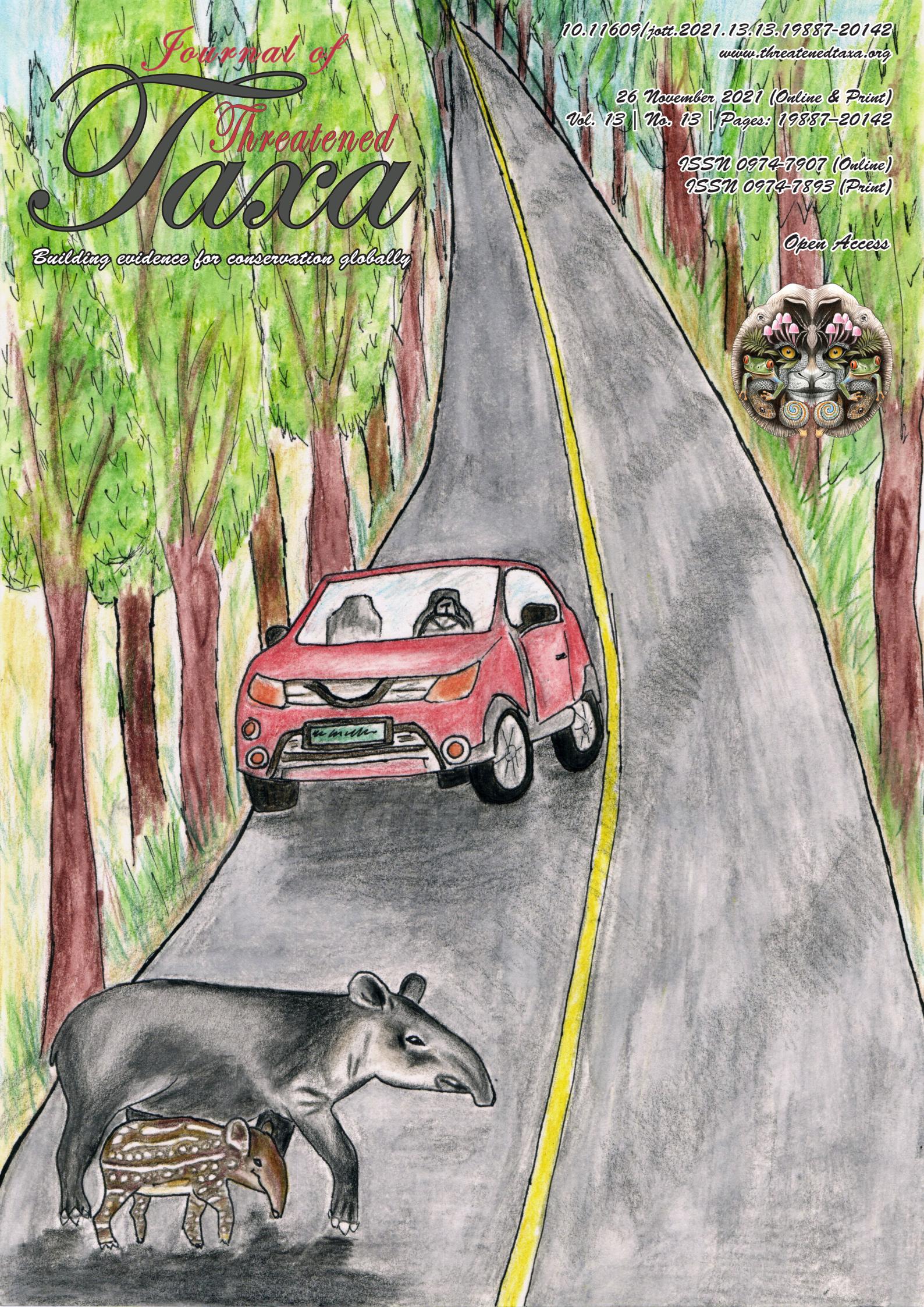
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Caption: Lowland Tapir *Tapirus terrestris* (Medium—watercolours on watercolour paper) © Aakanksha Komanduri.



## New distribution data on the genus *Maripanthus* Maddison, 2020 (Araneae: Salticidae) from southern India

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Jumping spiders belonging to the tribe Baviini Simon, 1901 are confined to the Asian tropics. They are arboreal and are characterized by their elongate bodies (Maddison 2015; Maddison et al. 2020). The tribe Baviini in India is represented by four genera (*Indopadilla* Caleb & Sankaran, 2019; *Maripanthus* Maddison, 2020; *Padillothorax* Simon, 1901; *Piranthus* Thorell, 1895) and eight species (Maddison et al. 2020; Caleb et al. 2021, World Spider Catalog 2021). The genus *Maripanthus* was recently established by Maddison (Maddison et al. 2020) with six species from the Oriental region, of which two species *Maripanthus gloria* Caleb, 2021 and *M. jubatus* Maddison, 2020 are known from India (Caleb & Sankaran 2021; World Spider Catalog 2021). The present paper deals with the additional distributional records of *M. gloria* and *M. jubatus* from southern India.

**Materials and Methods:** Specimens were hand collected and preserved in 70% alcohol. They were later examined and photographed by the Leica S8APO stereomicroscope. All images were then processed with the aid of Leica version 4.2 software. The female epigyne

was dissected, cleared in 10% KOH and mounted on a temporary slide and observed under an Olympus CX31 compound microscope. Male left palp was removed and photographed. The studied specimens are deposited in the reference section of museum of the Department of Zoology, University of Kerala, Kariavattom, India (KUDZEN) and GEER Foundation, Indroda Nature Park, Gandhinagar, Gujarat, India (GEER).

### Species account

#### *Maripanthus* Maddison, 2020

Type species: *Maripanthus draconis* Maddison, 2020

Comments: Currently the distribution of the genus in India seems to be restricted to the southwestern part. Upon systematic sampling more species may be expected.

#### *Maripanthus gloria* Caleb, 2021

Images 1–2, 4–7

*Maripanthus gloria* Caleb, in Caleb, Francis & Bhat, 2021: 201, figs. 1–20

**Editor:** Anonymity requested.

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**Competing interests:** The authors declare no competing interests.

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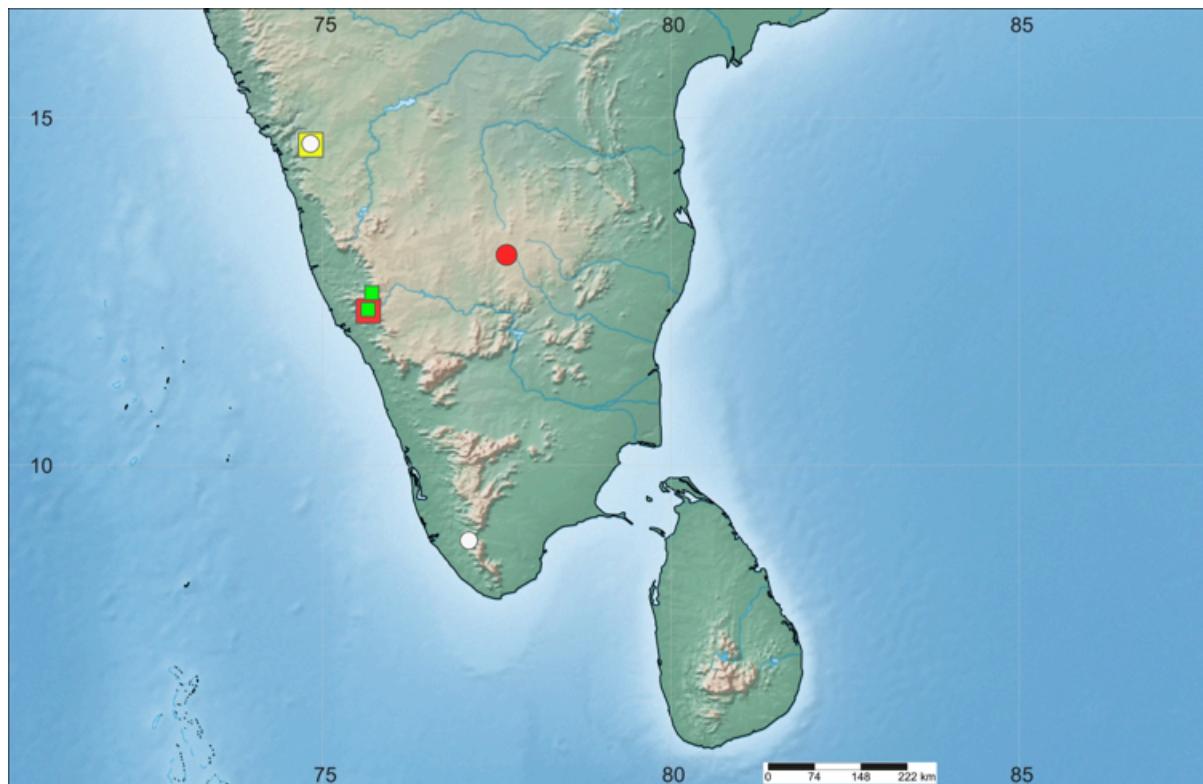




Images 1–3. General habitus of *Maripanthus* species: 1—*M. gloria* male, dorsal view (KUDZEN2021.I.04a) | 2—*M. gloria*, female, dorsal view (KUDZEN2021.I.04b) | 3—*M. jubatus* female, dorsal view (GEER98315A). Scale bars: 2mm (1–3). © 1,2—A. Asima; 3—Dhruv Prajapati.



Images 4–9. Copulatory organs of *Maripanthus* species: 4—*M. gloria* male left palp, ventral view (KUDZEN2021.I.04a) | 5—same, retrolateral view | 6—female epigyne, ventral view (KUDZEN2021.I.04b) | 7—same, dorsal view | 8—*M. jubatus* (GEER98315A) female epigyne, ventral view | 9—same, dorsal view. Scale bars: 0.2mm (7), 0.4mm (6), 0.5mm (4, 5, 8, 9). © 4–7—A. Asima; 8–9—D. Prajapati.



**Image 10.** Distribution records of *Maripanthus* species from India. Red circle indicates type locality of *M. gloria* and white circles indicate new records. Red square indicates type locality of *M. jubatus*, green squares indicate other records and yellow square indicates new record.

Material examined: 1 male (KUDZEN2021.I.04a) & 1 female (KUDZEN2021.I.04b) India, Kerala, Kulathoopuzha, Kattilappara (Myristica swamp) ( $8.915^{\circ}\text{N}$ ,  $77.102^{\circ}\text{E}$ , 149.96 m), 29.vi.2021, coll. A. Asima; 1 female (GEER98315B), India, Karnataka, Uttar Kannada, Sirsi ( $14.628^{\circ}\text{N}$ ,  $74.830^{\circ}\text{E}$ , 588 m), 21.vii.2015, coll. Prajapati D.A.

**Diagnosis:** Males of *M. gloria* are similar to those of *M. draconis* Maddison, 2020 but can be distinguished with palp having a relatively short embolus and the RTA with a broad base (Images 4, 5). Females are similar to those of *M. jubatus*, but can be distinguished in having short, simple copulatory ducts and globular spermathecae (Image 7).

**Distribution:** Karnataka (Caleb et al. 2021; present study) and Kerala (new record) (Image 10).

#### ***Maripanthus jubatus* Maddison, 2020**

Images 3, 8–9

*Maripanthus jubatus* Maddison, in Maddison et al., 2020: 76, figs. 11, 204–214

Material examined: 1 female (GEER98315A), India, Karnataka, Uttar Kannada, 16.vii.2015, Sirsi ( $14.611^{\circ}\text{N}$ ,

$74.833^{\circ}\text{E}$ , 588 m), coll. Prashanthakumara, S.M.

**Diagnosis:** Females of *M. jubatus* are similar to that of *M. draconis*, but can be differentiated with ECP split into a pocket on each side (Images 8, 9).

**Distribution:** India: Karnataka (Maddison et al. 2020; present study) (Image 10).

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