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Cover: *Saproamanita praeclara*: Sporocarp in habitat © Kantharaja. R.



First record of the jumping spider *Pancorius changricus* Żabka, 1990 from India (Araneae: Salticidae)

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The genus *Pancorius* Simon, 1902 comprises a total of 40 described species mainly distributed in the Oriental region with the exception of *P. crassipes* (Karsch, 1881) which may have been introduced in Poland (WSC 2022). There are six species known from India: *Pancorius daitaricus* (Prószyński, 1992), *P. darjeelingianus* Prószyński, 1992, *P. magnus* Żabka, 1985, *P. nagaland* Caleb, 2019, *P. submontanus* Prószyński, 1992, and *P. tagorei* Prószyński, 1992 (WSC 2022). All these species are distributed in eastern Himalaya or its proximity except for *P. daitaricus* in Odisha (eastern India). The present paper aims to add one more species, *P. changricus* Żabka, 1990 to the Indian list, which is previously known only from its type locality in Bhutan (Żabka 1990).

The specimen was hand collected and studied under a Leica M205 A stereomicroscope and the microphotographic images were taken by Leica DFC2900

digital camera attached to the same stereomicroscope enabled with the software package Leica Application Suite (LAS), version 4.5.0. Drawings were made with the aid of a drawing tube attached to the microscope. All measurements are in millimeters (mm). The examined specimen has been deposited in the reference collection of the Department of Zoology, Sikkim University, India.

Genus *Pancorius* Simon, 1902

Type species: *Ergane dentichelis* Simon, 1899

Diagnosis: For detailed diagnostic features of the genus see Żabka (1985).

Pancorius changricus Żabka, 1990

Images 1–10; Figures 1–2

Pancorius changricus Żabka, 1990: 164, figs. 7–12

Material examined: SU9895A, 22.v.2021, 1 male, India, Sikkim, Labdang (27.390N, 88.286E), 1,798 m,

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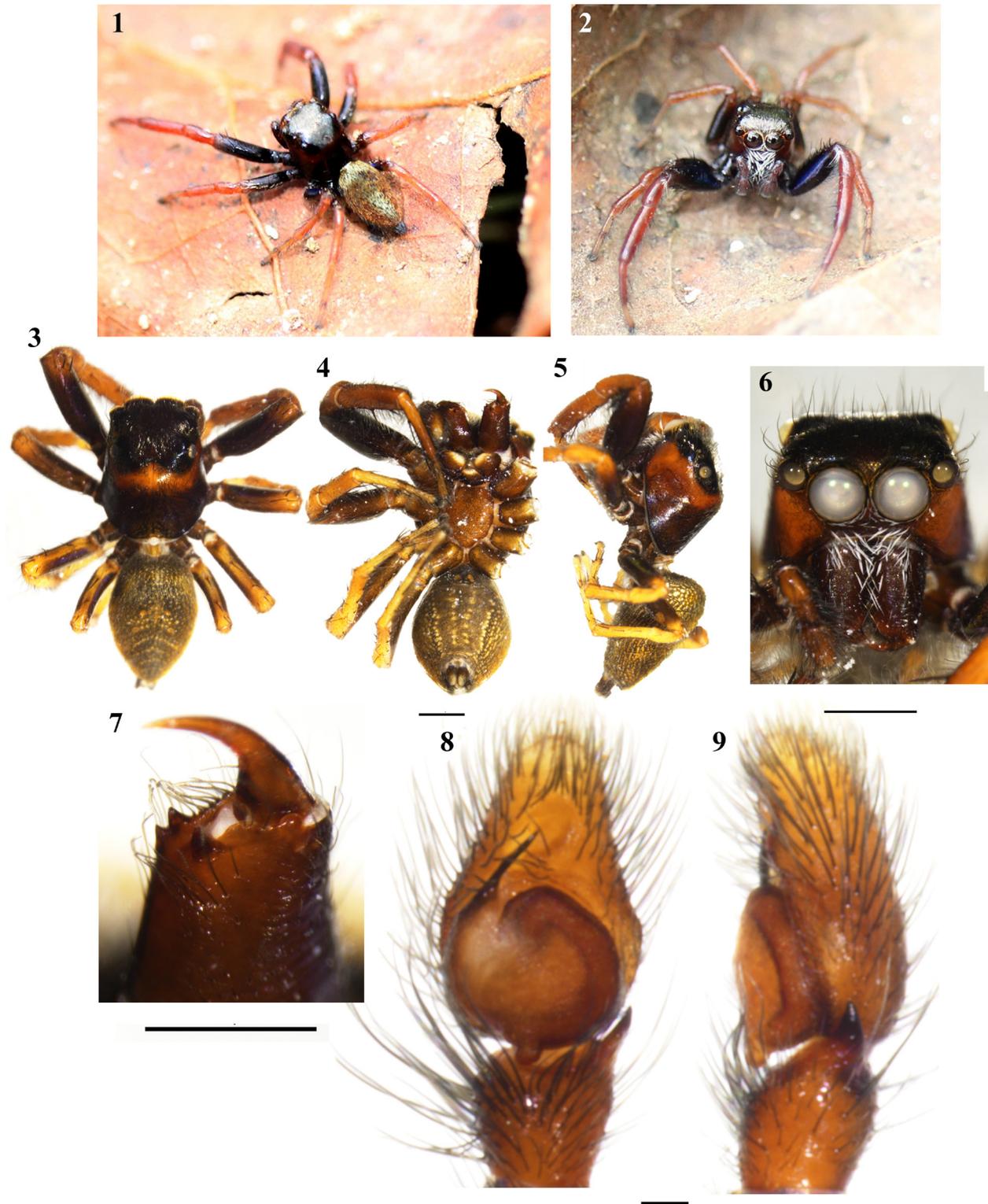
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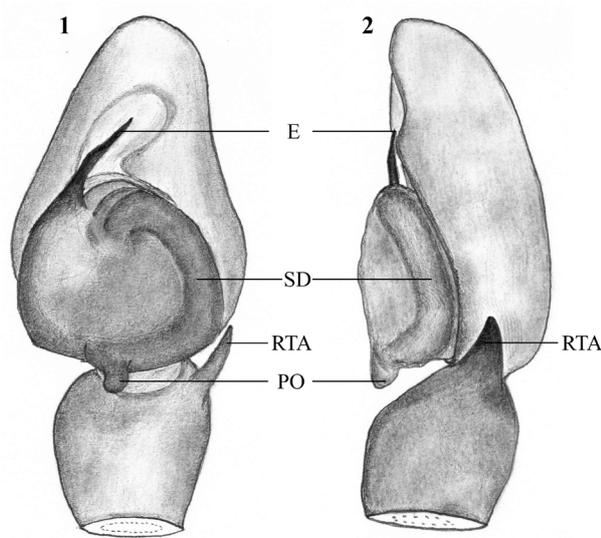
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Images 1–9: *Pancorius changricus* Žabka, 1990: 1—Live photograph of male, dorsal view | 2—Same, frontal view | 3—Male, dorsal view | 4—Same, ventral view | 5—Same, lateral view | 6—Same, frontal view | 7—Left chelicerae, ventral view | 8—Male left pedipalp, ventral view | 9—Same, retrolateral view. Scale bars: 1 mm (3–6); 0.5 mm (7); 0.1 mm (8–9). © 1–2—Anushka Gurung | 3–9—Dhruv Prajapati



Figures 1–2. *Pancorius changricus* Žabka, 1990: 1—Left pedipalp, ventral view | 2—Same, retrolateral view. Scale bars: 0.2 mm (1–2). Abbreviations: E—embolus | PO—posterior tegular outgrowth | RTA—retrolateral tibial apophysis | SD—sperm duct.

2.90, width 2.27, height 1.63. Abdomen length 2.91, width 1.94, height 1.56. Pedipalp (Images 8–9; Figures 1–2): palpal segments brownish; tegulum nearly circular with very small postero-median outgrowth (Image 8; Figure 1); sperm duct encircles the tegulum before reaching the spine-like embolus (Image 8; Figure 1); embolus without any curve, with sharp tip, directed at 1 o’clock position (Image 8; Figure 1); tibia nearly half of cymbium, with small, slightly curved RTA, broad at the base and narrowed at tip, resembles canine teeth (Image 9; Figure 2).

Distribution: India (Sikkim) and Bhutan (Image 10).

Variation: The studied specimen has the following variations when compared to the holotype male from Bhutan: apical and postero-median patches of whitish setae present on abdomen (Image 1) (apico-median light grayish longitudinal belt in holotype; see fig. 9 in Žabka 1990); embolus slightly broader (narrow, spiniform in holotype); posterior tegular outgrowth much pronounced than in holotype (cf. Image 8; Figure 1 with fig. 7 in Žabka 1990); RTA without apical notch (present in holotype) (Image 9; Figure 2) (cf. fig. 8 in Žabka 1990).

Habitat and feeding habit: The specimen was collected from a large cardamom-based agro-forestry

from foliage, leg. A. Gurung.

Diagnosis: For detailed diagnostic features see Žabka, 1990.

Description: Male (Images 1–7). Carapace length



Image 10. Distribution of *Pancorius changricus* Žabka, 1990.

system (LCAS) in West Sikkim located at the temperate zone in the eastern Himalaya. The forest cover in the area consists of broadleaved forests comprising of trees such as oak, birch, maple, chestnut, magnolia, rhododendron, along with several species of shrubs and grasses. The terrain is hilly and remains cool during summer and very cold during the winter. The spider seems to feed mainly on book-lice, hoverfly, black fly, cluster fly, and thrips.

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