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NOTE

A NEW RECORD OF THE EMERALD STRIPED SPREADWING *LESTES VIRIDULUS* RAMBUR, 1842 (ZYGOPTERA: LESTIDAE) FROM NEPAL

Manoj Sharma

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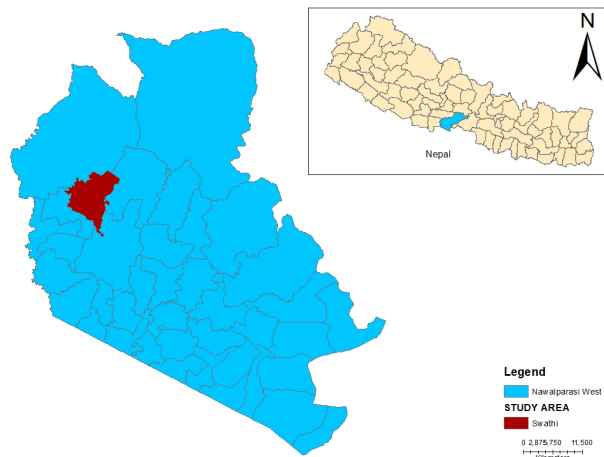


Image 1. Location of the study area– Swathi.



Image 1 A–E. Emerald-Striped Spreadwing *Lestes viridulus*: A—female | B—female | C—male | D—male anal appendages | E—thorax. © Manoj Sharma

Maharashtra, Punjab, and Uttar Pradesh), Bangladesh (Biswas et al. 1990), and Thailand (Hamalainen & Pinratana 1999).

Agriocnemis femina (Brauer, 1868) (Image 1 F–I)

Both the male and female of *Agriocnemis femina* were observed at the study site. An immature male was chasing a mature male of the same species at an irrigation canal while a female (red form-heteromorph) was perching on the stem of an aquatic plant. A green form female was perching on a leaf blade of a plant. Abundance and distribution was high at irrigation in the low lands of tropical areas (Nair 2011; Joshi & Kunte 2014). Both mature and immature males were observed in a mating wheel position. Non-contact guarding by males was observed during oviposition on leaves of aquatic plants. This species shows various morphological forms in different stages. The female shows red (heteromorph) and green form (androchrome) and the male is greenish-blue at an immature stage and with maturity gains a bluish-white pruinescence (Nair 2011). This is the record of *A. femina* in a new distribution area.

Early distributional range: Australia, Bangladesh, Bhutan, Brunei, China, Guam, Hong Kong, India, Indonesia, Japan, Laos, Malaysia, Micronesia, Myanmar, northern Mariana Island, Palau, Philippines, Singapore, Solomon Island, Sri Lanka, Thailand, Timor-Leste, and Vietnam. In Nepal it was reported from Parsa Wildlife Reserve, the Terai region of central Nepal and Haldi Bari, Jhapa district, eastern Nepal (Conniff et al. 2020).

Ischnura nursei (Morton, 1907) (Image 1J)

The distribution region of *Ischnura nursei* in Nepal has been extended to Swathi, in central Nepal. Eight male individuals of *I. nursei* were photographed while they were basking on a blade of grass in the edge of a local pond (27.559 N & 83.657 E). Females were not seen. The presence of *I. nursei* in this location denotes that it is common in the tropical regions of central Nepal.

Early distributional range: India, Pakistan, Iran, the U.A.E., Bangladesh, Oman, and Nepal (Dumont et al. 2011; Nair 2011; Zia et al. 2011; Feulner & Judas 2013; Kunz 2015; Aryal 2019). In Nepal it was recorded from Jagadishpur lake and Baanganga river of Kapilvastu district (Aryal 2019).

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Image 1 F–I. Pruinosed Dartlet *Agriocnemis femina*: F—immature male | G—mature male | H—mature female | I—copulation. © Manoj Sharma



Image 1 J. *Ischnura nursei* male. © Manoj Sharma

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