

Mass influx and unusual roosting behaviour of *Anax ephippiger* on the island of Lanzarote (Odonata: Aeshnidae)

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Abstract. A mass influx of migrating *Anax ephippiger* was observed on Lanzarote, an island of the Canaries lacking surface waters. Individuals of both sexes roosted close together on palm leaves, all of them with their abdomen conspicuously curved upward. We suggest that this posture may be the result of a trade-off between roosting together as close as possible and obtaining enough spatial freedom for rapid simultaneous take-offs of the individuals when disturbed.

Further key words. Dragonfly, Anisoptera, Canary Islands, Macaronesian Islands, migration, Calima

Notes on an undescribed new *Dysphaea* species from north-eastern India and north-eastern Bangladesh (Odonata: Euphaeidae)

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Abstract. In several publications in India and Bangladesh, photographic images of a *Dysphaea* Selys, 1853, species with striking caerulean coloration on the male abdomen have been identified as *Dysphaea walli* Fraser, 1927, a species described from the Shan State in Burma. We present evidence suggesting that these individuals represent an undescribed new species, rather than *D. walli*, and document the published records of this new species from India and Bangladesh.

Further key words. Damselfly, Zygoptera, *Dysphaea walli*

Diagnostic characteristics for distinguishing adult females of *Ischnura fluviatilis* and *I. ramburii* (Odonata: Coenagrionidae)

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Abstract. Adult females of *Ischnura fluviatilis* can be distinguished structurally from *I. ramburii* by the presence of small pits on the middle lobe of the prothorax (absent in *I. ramburii*) and the hind margin of the prothoracic hind lobe curved and directed posteriorly (straight, directed posterodorsally in *I. ramburii*). Color pattern differences between immature females of both species are discussed; color differences between mature females are considered equivocal.

Further key words. Damselfly, Zygoptera, New World, diagnosis

Emergence and composition of the odonate communities in an urban river in north-western Spain

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Abstract. Urban rivers are very important elements of the urban landscape, but increasingly degraded by human activities. We studied the composition and emergence patterns of odonates in three sectors of an urban river, the Sarela, in Santiago de Compostela, north-western Spain, to evaluate its ecological state. Exuviae collection was carried out weekly between May and September 2022. We found exuviae belonging to six species, the most abundant being *Boyeria irene*, *Cordulegaster boltonii* and *Onychogomphus uncatius*, and we report the occurrence of *Oxygastra curtisii* in this river for the first time. This community is typical of medium sized rivers in the region. We analysed whether the emergence (both in relation to date and abundance) varied depending on the species, sex and the section of the river, based on the three most abundant species. The sex ratio was similar in all species, and the section of the river did not affect the mean date of emergence, but density was clearly different among sections. There were significant differences among species in emergence patterns, with *O. uncatius* emerging earlier, then *C. boltonii* and finally *B. irene*.

Further key words. Emergence pattern, dragonflies, damselflies, sex-ratio

Observations of *Prodasineurayulan* Dow & Ngiam, 2013, from Sungai Utik, West Kalimantan, Indonesia (Odonata: Platycnemididae)

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Abstract. *Prodasineura yulan* was observed in a small peaty-water stream in the Iban Dayak customary land of the Sungai Utik, West Kalimantan, Indonesia. It had previously only been known from the holotype male from Maludam National Park in Sarawak. The observation indicates a wider distribution, but with no other sites discovered as yet, the species should still be considered endangered. A checklist of Odonata that have been observed in the Sungai Utik area is included.

Further key words. Damselfly, conservation, Borneo, West Kalimantan

On the synonymy of *Crocothemis crocea* Navás, 1918, with *Crocothemis servilia* (Drury, 1773), with remarks on Philippine odonates (Odonata: Libellulidae)

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Abstract. No new information on *Crocothemis crocea* has been published since its original description in 1918 based on three females from the Philippines. The original description does not discuss differences between *C. crocea* and other species of *Crocothemis* and the description itself fits well with *C. servilia*, a species common and widespread in the Philippines. It is therefore concluded that *C. crocea* is a junior synonym of *C. servilia*.

Further key words. Dragonfly, Anisoptera, Southeast Asia