

**DREPANOSTICTA JURZITZAI SPEC. NOV.,  
A NEW DAMSELFLY FROM SOUTHEASTERN THAILAND  
(ZYGOPTERA: PLATYSTICTIDAE)**

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The new species (holotype ♂: Thailand, Chanthaburi prov., Krathin waterfall, 4-V-1993) is described and illustrated. From its closest regional congeners it is readily distinguished by its pale-coloured pterostigma.

INTRODUCTION

The platystictids are rather inconspicuous odonates, and they are easily overlooked in the field. Numerous undescribed, oriental species already exist in various collections, but surely, many more still await the discovery in their dark jungle retreats.

As ASAHINA (1984) predicted in his review of Thailand's Platystictidae, the number of the known Thai species has increased. In the latest Thai checklist (HÄMÄLÄINEN & PINRATANA, 1999), nine species are listed. Two of the five *Drepanosticta* species represent unnamed taxa; one of these is described here.

**DREPANOSTICTA JURZITZAI SP. NOV.**

Figures 1-3

*Drepanosticta* sp.: HÄMÄLÄINEN & PINRATANA, 1999: 10, 59, 125.

**Material.** — **Holotype:** ♂: THAILAND, Chanthaburi prov., Krathin waterfall, 4-V-1993, coll. Bro. Amnuay Pinratana, deposited at National Museum of Natural History, Leiden (RMNH). — **Paratypes:** 3 ♂, same locality and date as holotype; in coll. Pinratana, St Gabriel's Museum, 565 Samsen Road, Bangkok.

**Etymology.** — Named after Dr Gerhard Jurzitz, on the occasion of his 70th birthday.

MALE. — Head black; upper half of labrum, anteclypeus and base of mandibles bluish white.

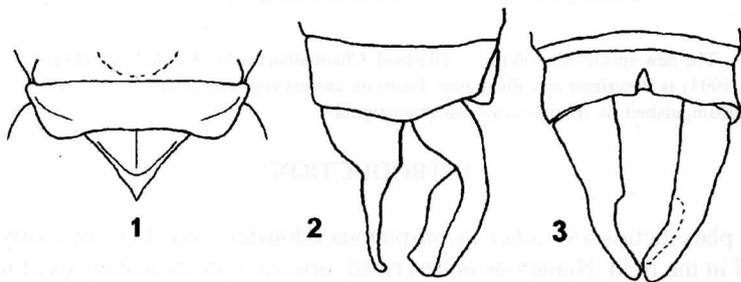
Thorax. — Prothorax largely black, with obscure paler portions on sides of the anterior, middle and posterior lobes. Posterior lobe shaped as in Figure 1.

Pterothorax black. A narrow bluish lateral stripe crossing the stigma, not quite reaching the wing base. Metepimeron with a bluish dot near wing base, lower part pale. Ventral side of pterothorax wholly pale. Legs pale, joints and outside darker.

Wings hyaline, with large yellow-ochre pterostigma. Anterior side of pterostigma oblique, posterior side slightly rounded.

Abdomen. — Blackish brown with typical pale annules at base of segments 3-7. Segments 8-10 blue on dorsum and sides; the base of segment 8 narrowly black. Anal appendages blackish brown, inner parts of the superiors paler. Superior appendages shaped as in Figures 2-3; inferiors narrow, pincer-shaped and sharply pointed (Fig. 2).

Measurements (in mm). — Abdomen 41-42, hind wing 27-28.



Figs 1-3. *Drepanosticta jurzitzai* sp.n., holotype ♂: — (1) hindlobe of prothorax, dorsal view; — (2) anal appendages, lateral view; — (3) superior anal appendages, dorsal view.

## DISCUSSION

The shape of the male anal appendages of the new species somewhat resembles that in *Drepanosticta vietnamica* Asahina, the sole representative of the genus so far reported from Vietnam (ASAHINA, 1997). Also the south-west Chinese species, *D. brownelli* Tinkham and *D. hongkongensis* Wilson, have anal appendages of similar type (WILSON, 1997). *D. jurzitzai* sp. n. is readily distinguished from all these by its pale coloured pterostigma.

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