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## The type repository of *Drepanosticta sugbo* spec. nov. and *Mortonagrion astamii* spec. nov. (Odonata: Zygoptera)

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### Abstract

*Drepanosticta sugbo* and *Mortonagrion astamii* were described in Philippine Scientist 49: 1-16 and International Dragonfly Fund Report 60: 1-34, respectively. The type repositories which were omitted from the original descriptions, are stated here along with a diagnosis of the species.

### Introduction

Villanueva & Seidenschwarz (2012) and Villanueva & Cahilog (2013) recently described *Drepanosticta sugbo* and *Mortonagrion astamii*, respectively. Unfortunately, the repository of the holotype was not stated; and to ensure that the name is valid under article 16.4.2 of the International Code of Zoological Nomenclature [ICZN 2012] the details of the holotype and the diagnosis is repeated here, together with a statement of the type repository. The reader is referred to Villanueva & Seidenschwarz (2012) and Villanueva & Cahilog (2013) for illustrations and a full description of each species.

### Results

#### *Drepanosticta sugbo* spec. nov.

**Material Studied.** – **Holotype** male, “Kawasan Falls, Badian, Cebu Island, Philippines, 30.xi.2007, Reagan Joseph T. Villanueva leg., deposited in Naturalis Biodiversity Centre, Leiden (RMNH)”. – **Paratypes** 7 males, 1 female, “Kawasan Falls, Badian, Cebu Island, Philippines, 30.xi.2007, Reagan Joseph T. Villanueva leg., deposited in Reagan Joseph T. Villanueva (RJTV) private Collection”.

Etymology – the specific epithet refers to SUGBO, an old name for the island of Cebu. A noun in apposition.



**Diagnosis:** The species belongs to the *Drepanosticta halterata*-group. It differs from the described members of the group by having a very short posterior lobe process, and a broad metepisternal yellow stripe.

***Mortonagrion astamii spec. nov.***

**Materials.** – **Holotype** male, “Swamp/lake, Brgy. Katagupan, Balabac Island, Philippines, 10-11.iii.2013, leg. Hilario Cahilog, deposited in Naturalis Biodiversity Centre, Leiden (RMNH)”. **Paratypes** 3 males, 1 female, “same data as the holotype, deposited in RJTV Collection”.

**Etymology.** – a noun in genitive case, after Mayor Shuaib Astami of the Municipality of Balabac, for approving and facilitating the odonatological survey conducted in his jurisdiction.

**Diagnosis.** – This species is close to *Mortonagrion arthuri* and *M. indraneil* (both present in the nearby Borneo Island). It differs from the two in having much longer cerci.

**Acknowledgment**

I am thankful to Dr Jan van Tol for pointing out the omission of the type repository of *Drepanosticta sugbo* and Dr Rory Dow for *Mortonagrion astamii* in the original papers. Martin Schorr and Milen Marinov kindly facilitated the rapid publication of this note.

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- ICZN, 2012. International Code of Zoological Nomenclature, <http://www.nhm.ac.uk/hosted-sites/iczn/code/>, accessed on 3-XII-2013.



## New to the fauna of Hong Kong: *Matrona basilaris* Selys, 1853 (Odonata: Calopterygidae)

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### Abstract

*Matrona basilaris* was collected between 1878 and 1907 in Hong Kong. The specimens had been deposited in the Übersee-Museum Bremen (Germany).

### Introduction

*Matrona basilaris* Selys, 1853 is a common species occurring along forest streams in north Vietnam and China, with records from Inner Mongolia, Shanxi, Henan, Anhui, Zhejiang, Fujian, Shaanxi, Sichuan, Jiangxi, Guandong, Guangxi, Hainan and Yunnan (Dow 2009). So far no record was known from Hong Kong, but Wilson (2004) and Tam et al. (2011) mentioned *M. basilaris* as a potential species for this region.



**Fig. 1:** Male *Matrona basilaris* from Hong Kong preserved at the Übersee-Museum Bremen (Germany). Picture: M. Haase, ©Übersee-Museum Bremen



## Results

During determination work on Southeast Asian Odonata preserved in the Übersee-Museum Bremen (Germany) two male (one teneral, one nearly mature) and most likely two female *Matrona basilaris* labelled with “Hong Kong” could be found (Fig. 1 & 2). The determination was confirmed by Matti Hämäläinen and Haomiao Zhang (pers. comm.) who recently described the superficially resembling *Matrona annina* Zhang & Hämäläinen, 2012 from Guangdong (Zhang & Hämäläinen 2012). The condition of the specimens is good, considering their visible old age; all of them possess the complete abdomen and all wings, only the older male lacks its head.

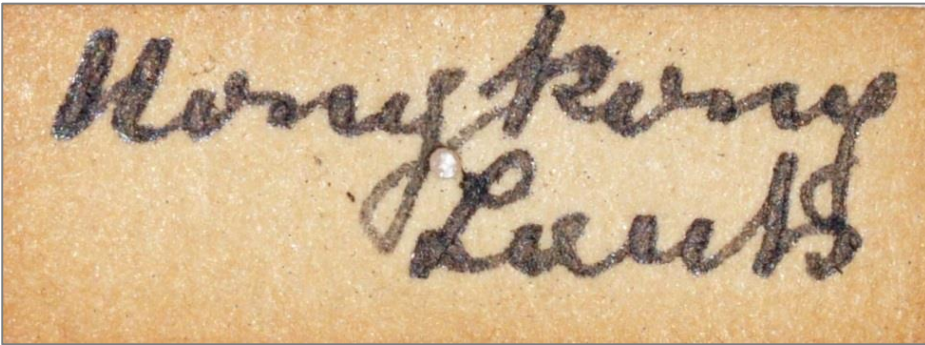


Fig. 2: Original label of these specimens (Hong-kong, Lauts). Picture: M. Seehausen.

The collector of these specimens was labelled as “Lauts”. After a detailed research, it could be discovered, that the full name is Johann Theodor Lauts (1855-1944). He went from Bremen (Germany) to Hong Kong as employee for the C. Melchers GmbH & Co. KG trading company in 1878. Afterwards he worked as established merchant in Hong Kong with sharing for example on Lauts, Wegener & Co. In 1907 he went back to Bremen (Schauinsland 1999). Therefore it can be assumed that these specimens were collected within a period of 29 years. An imprecise collection date is often the case in old collections. But, with the information obtained concerning J. T. Lauts there is no need to mistrust the collection locality and it is very likely that good habitat conditions for *M. basilaris* could be found in Hong Kong at that time.

A complete catalogue of the Odonata from Asia preserved in the Übersee-Museum Bremen is in preparation and will be published later.

## Acknowledgment

I would like to thank Volker Lohrmann, Mathias Haase and the Übersee-Museum for the possibility to work on this collection and to provide the picture of the preserved *M. basilaris*, Matti Hämäläinen and Haomiao Zhang for their help to identify the species and Keith Wilson for his critical view on this paper.



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69	2011	Rory Dow, Niederlande	Expedition to the Odonata of the Hose Mts., Sarawak, Malaysia
70	2011	Dejan Kulijer, Bosia & Herzegovina	Odonata of the Livanjsko polje karst wetland area, with special emphasis on Coenagrion ornatum
71	2011	Do Manh, Cuong, Hanoi, Vietnam	Study of Odonata in north central Vietnam
72	2011	Kosterin, O.E., Russia	The Odonata of the Cardamon mountains in Cambodia – progress study August 2011
73	2011	Villanueva, Reagan, Philippinen	Odonata of Tawi-Tawi-Island, The Philippines
74	2011	Elena Dyatlova, Ukraine	Odonata of Moldavia – progress study
75	2011	Zhang, Haomiao, Guangzhou, China	The Superfamily Calopterygoidea in South China: taxonomy and distribution III – Travelling grant to the Guizhou and Yunnan Provinces, Summer 2011
76	2011	Marinov, Milen, Christchurch, New Zealand	Odonata at artificial light sources – review paper
77	2011	Do Manh, Cuong, Hanoi, Vietnam	Providing the Odonatological literature database
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