



Cixiidae (Hemiptera: Fulgoromorpha) from Namibia, with records from neighbouring countries

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Abstract

The Cixiidae (Hemiptera: Fulgoromorpha) fauna of Namibia and the Cixiidae collection of the National Museum Windhoek are revised. Six species, *Atonurus meridianus* (Van Stalle, 1984), *Eumecurus kibuyanus* (Fennah, 1955), *E. decempunctatus* (Van Stalle, 1984), *E. eryx* (Fennah, 1957), *E. mashonanus* (Van Stalle, 1987) and *E. incompletus* (Van Stalle, 1983), are reported from Namibia for the first time. Thus, 19 Cixiidae species (one Duiliini, 18 Pentastirini) are present in Namibia. In addition, one new species, *Eumecurus skofitschii* Huang & Holzinger nov. spec., is described from Angola, and *Eumecurus zairensis* (Van Stalle, 1987) is recorded from Malawi for the first time.

Key words: Rhynchota, Auchenorrhyncha, Cicadina, Fulgoromorpha, Malawi, Angola, *Atonurus*, *Duilius*, *Eumecurus*, *Pentastiridius*

Zusammenfassung

Die Glasflügelzikaden (Hemiptera: Fulgoromorpha: Cixiidae) von Namibia und jene der Sammlung des Nationalmuseums Windhoek werden revidiert. Sechs Arten, *Atonurus meridianus* (Van Stalle, 1984), *Eumecurus kibuyanus* (Fennah, 1955), *E. decempunctatus* (Van Stalle, 1984), *E. eryx* (Fennah, 1957), *E. mashonanus* (Van Stalle, 1987) und *E. incompletus* (Van Stalle, 1983), werden erstmals aus Namibia gemeldet. In Summe sind bislang 19 Cixiidae aus Namibia bekannt. Zudem wird eine neue Art, *Eumecurus skofitschii* Huang & Holzinger nov. spec., aus Angola beschrieben und *Eumecurus zairensis* (Van Stalle, 1987) erstmals aus Malawi gemeldet.

Introduction

Cixiidae is one of the largest families of planthoppers (Fulgoromorpha), comprising more than 150 genera and more than 2.000 species worldwide (Holzinger *et al.* 2002). First records of cixiids from Namibia were published by Stål (1855, 1858, 1866), and the first survey of known species was provided by Hesse (1925). Hesse's paper included six species, four of which were new to science. A "milestone" in African cixiid taxonomy was provided by Jan van Stalle, who revised and identified almost all material available and published his results in several papers (Van Stalle 1985a, 1985b, 1986a, b, c, 1987, 1988 etc.), Later, Emeljanov (1992) improved the taxonomy of African Pentastirini at the generic level.

Despite the above work, our knowledge on taxonomy and chorology of African Cixiidae remains inadequate. This study provides new data on the fauna of Namibia, with a few records of neighbouring countries.