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**The Australian Pentastirini  
(Hemiptera: Fulgoromorpha: Cixiidae)**

BIRGIT LÖCKER, MURRAY J. FLETCHER, MARIE-CLAUDE LARIVIÈRE &  
GEOFF M. GURR



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## The Australian Pentastirini (Hemiptera: Fulgoromorpha: Cixiidae)

BIRGIT LÖCKER<sup>1\*</sup>, MURRAY J. FLETCHER<sup>1,2</sup>, MARIE-CLAUDE LARIVIÈRE<sup>3</sup> &  
GEOFF M. GURR<sup>1,4</sup>

<sup>1</sup>*Pest Biology & Management Group, University of Sydney, AUSTRALIA*

<sup>2</sup>*Department of Primary Industries, Orange Agricultural Institute, AUSTRALIA*

<sup>3</sup>*Landcare Research, Auckland, NEW ZEALAND*

<sup>4</sup>*Charles Sturt University, AUSTRALIA*

\*Corresponding author: B. Löcker, University of Sydney, Pest Biology & Management Group, Leeds Parade, Orange, 2800 NSW, AUSTRALIA.

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## Abstract

The Australian Pentastirini are revised taxonomically. The fauna comprises 56 species, 38 of which are new to science. Species are classified into seven genera: *Cordoliarus* **gen. nov.**, *Miclucha* Emeljanov, *Oliarus* Stål, *Oteana* Hoch, *Ozoliarus* **gen. nov.**, *Pentastiridius* Kirschbaum and *Prosops* Buckton. All species are described and illustrated and identification keys to genera and species are provided. New species described are: *Cordoliarus mareebensis* **sp. nov.**, *Miclucha australiensis* **sp. nov.**, *Oliarus acanthopygophoris* **sp. nov.**, *O. cochleatus* **sp. nov.**, *O. cuberlii* **sp. nov.**, *O. globosus* **sp. nov.**, *O. gracilis* **sp. nov.**, *O. hamatus* **sp. nov.**, *O. hirsutus* **sp. nov.**, *O. lawlerorum* **sp. nov.**, *O. trispiralis* **sp. nov.**, *Ozoliarus alces* **sp. nov.**, *Oz. antennoides* **sp. nov.**, *Oz. bullocki* **sp. nov.**, *Oz. bumarangoides* **sp. nov.**, *Oz. catherinae* **sp. nov.**, *Oz. cuspidistylus* **sp. nov.**, *Oz. cynosurus* **sp. nov.**, *Oz. dedariensis* **sp. nov.**, *Oz. golgolensis* **sp. nov.**, *Oz. latifundus* **sp. nov.**, *Oz. maru* **sp. nov.**, *Oz. nourlangiensis* **sp. nov.**, *Oz. olene* **sp. nov.**, *Oz. pelecanus* **sp. nov.**, *Oz. pitta* **sp. nov.**, *Oz. poculum* **sp. nov.**, *Oz. quadratistylus* **sp. nov.**, *Oz. quercistylus* **sp. nov.**, *Oz. rotundistylus* **sp. nov.**, *Oz. semicircularis* **sp. nov.**, *Oz. serratus* **sp. nov.**, *Oz. smithi* **sp. nov.**, *Oz. taroomensis* **sp. nov.**, *Oz. triangularis* **sp. nov.**, *Oz. umbella* **sp. nov.**, *Oteana salicoides* **sp. nov.** and *Ot. tattendi* **sp. nov.** Lectotypes are designated for *Oliarus clipealis* Jacobi, *Oliarus dingkana* Distant, *Oliarus felis* Kirkaldy, *Oliarus incerta* Distant, *Oliarus laertes* Kirkaldy, *Oliarus latipennis* Jacobi, *Oliarus lubra* Kirkaldy, and *Oliarus sponsa* Kirkaldy. *Oliarus latipennis* Jacobi is synonymised with *Pentastiridius felis* (Kirkaldy) **syn. nov.**, and *Oliarus hackeri* Muir and *Miclucha morobensis* (Van Stalle) are synonymised with *Miclucha incerta* (Distant) **syn. nov.** and *Oliarus lubra* var. *vitiensis*, Kirkaldy is synonymised with *Oliarus lubra*, Kirkaldy **syn. nov.** New combinations proposed are: *Miclucha incerta* (Distant) **comb. nov.**, *Oteana lubra* (Kirkaldy) **comb. nov.**, *Oteana sponsa* (Kirkaldy) **comb. nov.**, *Ozoliarus asaica* (Kirkaldy) **comb. nov.**, *Ozoliarus clipealis* (Jacobi) **comb. nov.**, *Ozoliarus dingkana* (Distant) **comb. nov.**, and *Ozoliarus laertes* (Kirkaldy) **comb. nov.**, all from *Oliarus*. The following names are treated as *nomina dubia* since the only available types are females: *Oliarus alexanor* Kirkaldy, *O. doddi* Muir, *O. kampaspe* Kirkaldy, *O. lilinoe* Kirkaldy, *O. phelia* Kirkaldy, *O. talunia* Kirkaldy, *Ozoliarus asaica* (Kirkaldy), and *Prosops pedisequus* Buckton.

**Key words:** Auchenorrhyncha, Fulgoromorpha, Cixiidae, Pentastirini, *Cordoliarus*, *Miclucha*, *Oliarus*, *Oteana*, *Ozoliarus*, *Pentastiridius*, *Prosops*, Australia, **gen. nov.**, **sp. nov.**, **comb. nov.**, **syn. nov.**

## Introduction

Cixiidae Spinola, 1839 is one of the largest families in Fulgoromorpha and comprises the subfamilies Borystheninae Emeljanov, 1989, Bothriocerinae Muir, 1923, and Cixiinae