



<http://dx.doi.org/10.11646/zootaxa.3680.1.5>

<http://zoobank.org/urn:lsid:zoobank.org:pub:BCF7D433-F6FA-4152-8A04-6B6065DC13F0>

New species of *Anabarhynchus* Macquart (Diptera: Therevidae) from arid and monsoon tropical Australia

DAVID J. FERGUSON¹, MICHAEL E. IRWIN² & DAVID K. YEATES¹

¹Australian National Insect Collection, CSIRO Ecosystem Sciences, GPO BOX 1700, Canberra, ACT, 2601.

E-mail: David.Ferguson@csiro.au; David.Yeates@csiro.au

²15634 E Wandering Creek Place, Vail A2 85641 USA. E-mail: meirwin@illinois.edu

Table of contents

Abstract	56
Introduction	56
Material and methods	57
Taxonomy	58
<i>Anabarhynchus doncollessi</i> Ferguson sp. n.	58
<i>Anabarhynchus ewamin</i> Ferguson sp. n.	62
<i>Anabarhynchus lyneborgi</i> Ferguson & Irwin sp. n.	66
<i>Anabarhynchus parilus</i> Ferguson sp. n.	70
<i>Anabarhynchus parkeri</i> Ferguson & Irwin sp. n.	74
<i>Anabarhynchus pilbara</i> Ferguson & Irwin sp. n.	78
<i>Anabarhynchus ravenshoensis</i> Ferguson sp. n.	82
<i>Anabarhynchus shiptonsflatensis</i> Ferguson sp. n.	85
<i>Anabarhynchus tribulationensis</i> Ferguson sp. n.	89
<i>Anabarhynchus weipaensis</i> Ferguson sp. n.	92
Acknowledgements	95
References	95

Abstract

Anabarhynchus Macquart (1848) is a species-rich gen of therevine Therevidae, with over 90 species described from Australia alone. Over the past two decades, extensive and intensive malaise trap surveys have revealed that the continent contains many additional species to the previous 94 species known; making that genus one of the most species-rich therevid genera in the world. Specimens of these new species are deposited in Australian collections, notably the Australian Museum (AM), Australian National Insect Collection (ANIC), and the Queensland Museum (QM). Here we describe, diagnose and illustrate ten new species in the genus *Anabarhynchus* as follows: *Anabarhynchus doncollessi* sp. n., *Anabarhynchus ewamin* sp. n., *Anabarhynchus lyneborgi* sp. n., *Anabarhynchus parilus* sp. n., *Anabarhynchus parkeri* sp. n., *Anabarhynchus pilbara* sp. n., *Anabarhynchus ravenshoensis* sp. n., *Anabarhynchus shiptonsflatensis* sp. n., *Anabarhynchus tribulationensis* sp. n., *Anabarhynchus weipaensis* sp. n. These new species add to the faunas known from arid and monsoon tropical Australia.

Key words: Therevidae, *Anabarhynchus*, Stiletto flies, Australia, Pilbara, Donald Colless

Introduction

The genus *Anabarhynchus* Macquart (1848) is one of the most species-rich genera of stiletto flies (Diptera: Therevidae). Australia has 94 described species of *Anabarhynchus* (Lyneborg 2001) and New Zealand has 62 species of *Anabarhynchus* and three species of *Megathereva* Lyneborg 1992 (Lyneborg 1992). One species of *Anabarhynchus* is found in New Caledonia and Vanuatu in the New Hebrides and another in Irian Jaya and Papua