



## Australian species of the genus *Agapetus* (Trichoptera: Glossosomatidae), with descriptions of 13 new species

ALICE WELLS

Australian Biological Resources Study, PO Box 787, Canberra, ACT 2601 Australia; [alice.wells@environment.gov.au](mailto:alice.wells@environment.gov.au)

### TABLE OF CONTENTS

ABSTRACT .....	1
INTRODUCTION.....	2
KEY TO MALES OF AUSTRALIAN SPECIES OF <i>Agapetus</i> .....	4
DESCRIPTIONS.....	6
<i>Agapetus cralus</i> (Mosely, 1953) .....	6
<i>Agapetus laparus</i> Neboiss, 1977 .....	6
<i>Agapetus dayi</i> Ross, 1956 .....	7
<i>Agapetus pontona</i> (Mosely, 1953) .....	7
<i>Agapetus tubrabucca</i> sp. nov. ....	7
<i>Agapetus paracralus</i> sp. nov. ....	8
<i>Agapetus paluma</i> sp. nov. ....	8
<i>Agapetus cannensis</i> sp. nov. ....	9
<i>Agapetus muelleri</i> sp. nov. ....	9
<i>Agapetus stclairae</i> sp. nov. ....	10
<i>Agapetus evansi</i> Ross, 1956 .....	10
<i>Agapetus vicanthicus</i> Neboiss, 1988 .....	11
<i>Agapetus sheldoni</i> sp. nov. ....	11
<i>Agapetus neboissi</i> sp. nov. ....	12
<i>Agapetus dundungra</i> sp. nov.....	12
<i>Agapetus zwicki</i> sp. nov. ....	12
<i>Agapetus mossmanensis</i> sp. nov. ....	13
<i>Agapetus tasmanicus</i> (Mosely, 1953) .....	13
<i>Agapetus kimminsi</i> Ross, 1956 .....	14
<i>Agapetus mittamitta</i> sp. nov. ....	14
<i>Agapetus monticolus</i> Banks, 1939.....	14
<i>Agapetus christineae</i> sp. nov. ....	15
<i>Agapetus ablusus</i> Neboiss, 1986 .....	16
ACKNOWLEDGEMENTS .....	16
REFERENCES .....	16

### Abstract

The genus *Agapetus* Curtis (Trichoptera: Glossosomatidae) in Australia is reviewed. Among the 23 species recognised, 13 are newly described: *Agapetus cannensis* sp. nov., *A. christineae* sp. nov., *A. dundungra* sp. nov., *A. mittamitta* sp. nov., *A. mossmanensis* sp. nov., *A. muelleri* sp. nov., *A. neboissi* sp. nov., *A. paluma* sp. nov., *A. paracralus* sp. nov., *A. sheldoni* sp. nov., *A. stclairae* sp. nov., *A. tubrabucca* sp. nov., *A. zwicki* sp. nov. Australian species occur mainly in the streams of Tasmania and of the Great Dividing Range on the mainland. Diagnostic characteristics and the known distribution for each Australian species are discussed briefly and a key to males of Australian species is provided.

**Key words:** Trichoptera, Glossosomatidae, *Agapetus*, Australian, new species