

ZOOTAXA

1356

**Revision of the South Pacific endemic genera *Orthopsyche*
McFarlane 1976, *Abacaria* Mosely 1941 and *Caledopsyche*
Kimmins 1953 with the description of 29 new species
(Trichoptera: Hydropsychidae)**

JÁNOS OLÁH, KJELL ARNE JOHANSON & PETER C. BARNARD



Magnolia Press
Auckland, New Zealand

JÁNOS OLÁH, KJELL ARNE JOHANSON & PETER C. BARNARD

Revision of the South Pacific endemic genera *Orthopsyche* McFarlane 1976, *Abacaria* Mosely 1941 and *Caledopsyche* Kimmins 1953 with the description of 29 new species (Trichoptera: Hydropsychidae)

(*Zootaxa* 1356)

78 pp.; 30 cm.

13 November 2006

ISBN 978-1-86977-060-0 (paperback)

ISBN 978-1-86977-061-7 (Online edition)

FIRST PUBLISHED IN 2006 BY

Magnolia Press

P.O. Box 41383

Auckland 1030

New Zealand

e-mail: zootaxa@mapress.com

<http://www.mapress.com/zootaxa/>

© 2006 Magnolia Press

All rights reserved.

No part of this publication may be reproduced, stored, transmitted or disseminated, in any form, or by any means, without prior written permission from the publisher, to whom all requests to reproduce copyright material should be directed in writing.

This authorization does not extend to any other kind of copying, by any means, in any form, and for any purpose other than private research use.

ISSN 1175-5326 (Print edition)

ISSN 1175-5334 (Online edition)

**Revision of the South Pacific endemic genera *Orthopsyche*
McFarlane 1976, *Abacaria* Mosely 1941 and *Caledopsyche*
Kimmins 1953 with the description of 29 new species
(Trichoptera: Hydropsychidae)**

JÁNOS OLÁH¹, KJELL ARNE JOHANSON² & PETER C. BARNARD³

¹Department of Environmental Management, Tessedik College; Residence address: I. kk. 10, H-5540 Szarvas, Hungary. E-mail: saker@szarvasnet.hu

²Swedish Museum of Natural History, Entomology Department, Boks 50007, S-10405 Stockholm, Sweden. E-mail: kjell.arne.johanson@nrm.se

³Department of Entomology, The Natural History Museum, Cromwell Road, London SW7 5BD, UK. E-mail: p.barnard@nhm.ac.uk

Table of contents

Abstract	5
Introduction	5
Materials and Methods	6
Systematics	8
<i>Orthopsyche</i> McFarlane 1976	8
<i>Orthopsyche fimbriata</i> group	9
<i>Orthopsyche fimbriata</i> (McLachlan)	9
<i>Orthopsyche thomasi</i> (Wise)	10
<i>Orthopsyche amiena</i> (Sykora), new combination	10
<i>Orthopsyche wardi</i> Oláh & Johanson, new species	10
<i>Orthopsyche tveda</i> group	13
<i>Orthopsyche tveda</i> Oláh & Johanson, new species	13
<i>Orthopsyche rashala</i> Oláh & Johanson, new species	15
<i>Orthopsyche peta</i> group	16
<i>Orthopsyche peta</i> Oláh & Johanson, new species	17
<i>Orthopsyche piuna</i> Oláh & Johanson, new species	18
<i>Orthopsyche mcfarlanei</i> Oláh & Johanson, new species	20
<i>Orthopsyche ayapona</i> Oláh & Johanson, new species	22
<i>Orthopsyche schefferae</i> Oláh & Johanson, new species	24
<i>Orthopsyche nadauna</i> group	27
<i>Orthopsyche pakaha</i> Oláh & Johanson, new species	27
<i>Orthopsyche nadauna</i> Oláh & Johanson, new species	29

<i>Orthopsyche vrupama</i> Oláh & Johanson, new species	31
<i>Orthopsyche sematho</i> Oláh & Johanson, new species	33
<i>Orthopsyche nevoissi</i> Oláh & Johanson, new species	34
<i>Orthopsyche imbah</i> Oláh & Johanson, new species	36
<i>Orthopsyche kina</i> group	37
<i>Orthopsyche kina</i> Oláh & Johanson, new species	38
<i>Orthopsyche edhamasa</i> Oláh & Johanson, new species	39
<i>Orthopsyche touna</i> group	41
<i>Orthopsyche touna</i> Oláh & Johanson, new species	41
<i>Abacaria</i> Mosely 1941	42
<i>Abacaria subfusca</i> group	42
<i>Abacaria subfusca</i> Kimmins	43
<i>Abacaria orkeni</i> Illies	43
<i>Abacaria beroni</i> (Kumanski), new combination	45
<i>Abacaria ruficeps</i> group	45
<i>Abacaria ruficeps</i> (Brauer)	46
<i>Abacaria robinsoni</i> Oláh & Barnard, new species	47
<i>Abacaria moselyi</i> Oláh & Barnard, new species	48
<i>Abacaria nuhu</i> group	50
<i>Abacaria nuhu</i> Oláh & Barnard, new species	50
<i>Abacaria cristova</i> Oláh & Barnard, new species	51
<i>Abacaria fijiana</i> group	53
<i>Abacaria fijiana</i> (Mosely)	53
<i>Abacaria wekana</i> Oláh & Barnard, new species	53
<i>Abacaria levu</i> Oláh & Barnard, new species	56
<i>Abacaria kosova</i> group	57
<i>Abacaria kosova</i> Oláh & Barnard, new species	57
<i>Abacaria savura</i> Oláh & Barnard, new species	59
<i>Abacaria caledona</i> group	60
<i>Abacaria caledona</i> Oláh & Johanson, new species	60
<i>Insertae sedis in Abacaria</i>	62
<i>Abacaria picea</i> (Brauer)	62
<i>Caledopsyche</i> Kimmins 1953	62
<i>Caledopsyche kimminsi</i> group	63
<i>Caledopsyche kimminsi</i> Oláh & Johanson, new species	63
<i>Caledopsyche noumea</i> Oláh & Johanson, new species	64
<i>Caledopsyche leander</i> Schefter & Ward 2002	66
<i>Caledopsyche cerberus</i> Schefter & Ward 2002	67
<i>Caledopsyche cheesmanae</i> Kimmins 1953	68
<i>Caledopsyche phallaina</i> Schefter & Ward 2002	68
<i>Caledopsyche erotos</i> group	70
<i>Caledopsyche erotos</i> Schefter & Ward 2002	70
<i>Caledopsyche atalanta</i> group	73
<i>Caledopsyche atalanta</i> Schefter & Ward 2002	73
<i>Caledopsyche apide</i> Oláh & Johanson, new species	76
Acknowledgement	77
References	78