



<http://dx.doi.org/10.11646/zootaxa.3990.2.1>

<http://zoobank.org/urn:lsid:zoobank.org:pub:C3F0F9F4-2879-402C-8504-D12810018E81>

Taxonomy of the subgenus *Quedius* (*Raphirus*) Stephens (Coleoptera: Staphylinidae: Staphylinini: Quediina) with descriptions of four new species from China

YAN-PENG CAI & HONG-ZHANG ZHOU¹

Key Laboratory of Zoological Systematics and Evolution, Institute of Zoology, University of Chinese Academy of Sciences, 1 Beichen West Rd., Chaoyang District, Beijing 100101, P. R. China

¹Corresponding author. E-mail: zhouhz@ioz.ac.cn

Table of contents

Abstract	151
Introduction	151
Material and methods	152
Taxonomy	153
<i>Quedius</i> (<i>Raphirus</i>) <i>hubeiensis</i> sp. nov.	153
<i>Quedius</i> (<i>Raphirus</i>) <i>ningxiaensis</i> sp. nov.	157
<i>Quedius</i> (<i>Raphirus</i>) <i>spissus</i> sp. nov.	160
<i>Quedius</i> (<i>Raphirus</i>) <i>tenuculus</i> sp. nov.	163
<i>Quedius</i> (<i>Raphirus</i>) <i>oros</i> Smetana, 2011	166
<i>Quedius</i> (<i>Raphirus</i>) <i>shunichii</i> Smetana, 2010	169
<i>Quedius</i> (<i>Raphirus</i>) <i>kuiro</i> Smetana, 1988	169
<i>Quedius</i> (<i>Raphirus</i>) <i>chinensis</i> Bernhauer, 1915	169
<i>Quedius</i> (<i>Raphirus</i>) <i>fèn</i> Smetana, 1996	170
<i>Quedius</i> (<i>Raphirus</i>) <i>gang</i> Smetana, 1996	170
<i>Quedius</i> (<i>Raphirus</i>) <i>herbicola</i> Smetana, 2002	170
<i>Quedius</i> (<i>Raphirus</i>) <i>jindraii</i> Smetana, 1998	183
<i>Quedius</i> (<i>Raphirus</i>) <i>maculiventris</i> Bernhauer, 1934	183
<i>Quedius</i> (<i>Raphirus</i>) <i>muscolicola</i> Cameron, 1932	188
<i>Quedius</i> (<i>Raphirus</i>) <i>torrentum</i> Smetana, 2002	188
<i>Quedius</i> (<i>Raphirus</i>) <i>zetes</i> Smetana, 2012	195
Acknowledgements	195
References	195

Abstract

Four new species of the subgenus *Raphirus* Stephens, 1829 of the genus *Quedius* Stephens, 1829 (Coleoptera: Staphylinidae: Staphylinini: Quediina) are described based on specimens collected from China: *Q. (Raphirus) hubeiensis* **sp. nov.** from Hubei, *Q. (Raphirus) ningxiaensis* **sp. nov.** from Ningxia, *Q. (Raphirus) spissus* **sp. nov.** from Sichuan, and *Q. (Raphirus) tenuculus* **sp. nov.** from Fujian. The females of *Q. (Raphirus) oros* Smetana, 2011 and *Q. (Raphirus) shunichii* Smetana, 2010 are described for the first time. *Q. (Raphirus) kuiro* Smetana, 1988 is recorded for the first time from China. Line drawings and color illustrations of adults and genitalia of all these species and some other ones are provided.

Key words: Coleoptera, Staphylinidae, Quediina, *Quedius*, *Raphirus*, new species, new record, China

Introduction

Raphirus Stephens, 1829 is a very large subgenus of the genus *Quedius* Stephens, 1829 in the subtribe Quediina