



## Contributions to the knowledge of the Quediina (Coleoptera, Staphylinidae, Staphylinini) of China. Part 42. Genus *Quedius* Stephens, 1829. Subgenus *Raphirus* Stephens, 1829. Section 10

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### Abstract

Eight new species of the genus *Quedius* Stephens, 1829, subgenus *Raphirus* Stephens, 1829 are presented, based on specimens from the People's Republic of China: *Q. hegesias* (Yunnan), *Q. filiulus* (Yunnan), *Q. hecato* (Yunnan), *Q. impresiventris* (Sichuan), *Q. tergimpressus* (Yunnan), *Q. dryas* (Yunnan), *Q. meilixue* (Yunnan), *Q. zetes* (Sichuan). Three species, *Q. muscicola* Cameron, 1932, *Q. maculiventris* Bernhauer, 1934 and *Q. optabilis* Bernhauer, 1934 are redescribed and illustrated. Each of the new species and of the species previously known is described, illustrated and all available distributional and bionomic data are given. A key to the winged species of the *muscicola*-group is given. A new species, *Quedius pseudonymos*, is described from Taiwan, based on specimens that were previously recorded from Taiwan by Smetana (1995) under the name *Q. maculiventris* Bernhauer, 1934.

**Key words.** Coleoptera, Staphylinidae, Staphylinini, Quediina, *Quedius*, *Raphirus*, taxonomy, new species, redescription, description, distribution, Palearctic Region, mainland China

### Introduction

This is the forty-second of a series of papers dealing with the Quediina of the People's Republic of China and the tenth one dealing with the species of the subgenus *Raphirus* Stephens, 1829 of the genus *Quedius* Stephens, 1829. It deals with the winged species of the *muscicola*-group (see Smetana, 1988: 243). The brachypterous species of the *muscicola*-group were treated in two previously published papers (Smetana, 2008, 2011), the latter of which contains a key to these species.

Eight species are described as new and three previously known species are redescribed, all from mainland China, and one species is described as new from Taiwan. All species are illustrated and all available distributional and bionomic information is given. A key to the winged species of the *muscicola*-group is presented. It includes the species with wings folded at least once under the elytra and with the abdominal tergite 8 bearing a pale seam of palisade setae.

The species dealt with in this paper are mostly very small and are commonly very similar to each other. Their identification is difficult and requires some experience in study of the group and/or reliably identified specimens for comparison.

The *muscicola*-group that might be eventually subdivided into more species-groups, contains now in mainland China 20 species, 12 brachypterous and 8 fully winged.

### Material and methods

The specimens this paper is based upon come from many sources. In addition to specimens collected by myself, specimens were taken by several European and Japanese coleopterists. Their names appear in "Type material or "Additional material examined under each species. The material is deposited in various collections, both institu-