

## On the nomenclature of Genus-group name *Eulasia* Truqui, 1848 (Coleoptera, Glaphyridae)

## О номенклатуре названия родовой группы *Eulasia* Truqui, 1848 (Coleoptera, Glaphyridae)

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**Key words:** Coleoptera, Glaphyridae, *Eulasia*, *Rudeulasia*, type species, nomenclature.

**Ключевые слова:** Coleoptera, Glaphyridae, *Eulasia*, *Rudeulasia*, типовой вид, номенклатура.

**Abstract.** The question of the type species of taxon of the generic rank *Eulasia* Truqui, 1848 is considered. Chapin [1938] designated *Amphicoma papaveris* Sturm, 1843 as type species for the taxon, but later Medvedev [1960] accepted *Scarabaeus arctos* Pallas, 1781, as type species, and this designation, being invalid, became commonly used. Baraud [1990] described subgenus *Rudeulasia* Baraud, 1990 with the type species *Amphicoma papaveris* Sturm, 1843, which makes the name *Rudeulasia* Baraud a junior objective synonym of *Eulasia* Truqui. In modern literature, the interpretation of Medvedev and Baraud is accepted, therefore, direct application of the provisions of the International Code of Zoological Nomenclature may lead to confusion in the nomenclature of the genus *Eulasia* Truqui, 1848. To preserve the stability of the nomenclature, it is provided to apply to the International Commission on Zoological Nomenclature for the conservation of modern prevailing usage.

**Резюме.** Рассмотрен вопрос о типовом виде таксона родового ранга *Eulasia* Truqui, 1848. Чапин [1938] обозначил для таксона в качестве типового вида *Amphicoma papaveris* Sturm, 1843, но позже Медведев [1960] принял в качестве типового вида *Scarabaeus arctos* Pallas, 1781, и это обозначение, будучи невалидным, стало общеупотребительным. Баро [Baraud, 1990] описал подрод *Rudeulasia* Baraud, 1990 с типовым видом *Amphicoma papaveris* Sturm, 1843, что делает названием *Rudeulasia* Baraud младшим объективным синонимом *Eulasia* Truqui. В современной литературе принята трактовка Медведева и Баро, поэтому строгое применение положений Международного кодекса зоологической номенклатуры может привести к путанице в номенклатуре рода *Eulasia* Truqui, 1848. Для сохранения стабильности номенклатуры предполагается обращение в Международную комиссию по зоологической номенклатуре для консервации современного общепринятого употребления.

As a part of our study of the taxonomy of the family Glaphyridae, a problem with the type species of the ge-

nus-group taxon *Eulasia* Truqui, 1848, was discovered. Truqui [1848] included to the genus 13 species, namely: *Amphicoma bicolor* Waltl, 1838, *A. goudoti* Castelnau, 1840, *A. lasserrei* Germar, 1834 (= *A. pareyssei* Brullé, 1832), *A. papaveris* Sturm, 1843, *Eulasia genei* Truqui, 1848, *E. hyrax* Truqui, 1848, *E. pretiosa* Truqui, 1848, *Melolontha bombylius* Fabricius, 1787, *M. vittata* Fabricius, 1775, *M. vulpes* Fabricius 1792, *Scarabaeus arctos* Pallas 1781, *S. bombylifformis* Pallas 1781 and *S. syriacus* Linnaeus, 1758. Currently, *Melolontha vulpes* Fabricius and *Scarabaeus syriacus* Linnaeus are transferred in the genus *Pygopleurus* Motschulsky, 1860.

In his work on the nomenclature of the subfamily Glaphyrinae (now considered as family) Chapin [1938] designated type species for the taxa of the generic rank included here, validly designating *Amphicoma papaveris* Sturm, 1843 as a type species for *Eulasia* Truqui. This designation went overlooked by subsequent authors who worked on the taxonomy of the group, as in the case of the designation of the type species of the genus *Glaphyrus* Latreille, 1802 which was treated earlier [Kalashian et al., 2020]. Medvedev [1960] designated *Scarabaeus arctos* Pallas, 1781, as type species of *Eulasia* Truqui, considered by him as a subgenus of the genus *Amphicoma* Latreille, 1806. This designation is invalid according to Articles 67.11. and 70.2. of the International Code of Zoological Nomenclature [International., 1999] but it was adopted by subsequent authors, including Baraud [1990, 1992] and in both editions of the Catalogue of Palaearctic Coleoptera [Nikodým, Bezděk, 2006, 2016]. Besides, Baraud [1990] described subgenus *Rudeulasia* Baraud, 1990 in the genus *Eulasia* Truqui with the same type species *Amphicoma papaveris* Sturm, 1843, which

automatically makes the name *Rudeulasia* Baraud a junior objective synonym of *Eulasia* Truqui according to Articles 61.3.3. and 67.11. of the Code [International..., 1999].

According to the Catalogue of Palaearctic Coleoptera [Nikodým, Bezděk, 2006, 2016] the genus *Eulasia* Truqui, 1848 includes 68 species and subspecies and four subgenera, as follows: *Eulasia* Truqui, 1848, type species *Scarabaeus arctos* Pallas, 1781 — 29 species and subspecies; *Rudeulasia* Baraud, 1990, type species *Amphicoma papaveris* Sturm, 1843 — 27 species and subspecies; *Solskiola* Semenov, 1903, type species *Amphicoma analis* Solsky, 1876 — 1 species; *Trichopleurus* Motschulsky, 1860, type species *Melolontha bombylius* Fabricius, 1787 (= *Vittateulasia* Baraud, 1990, type species *Melolontha vittata* Fabricius, 1775) — 10 species and subspecies; and 1 species is listed as incertae sedis.

In our opinion direct application of the provisions of the Code will cause instability of the nomenclature of the genus, in particular, the name *Eulasia* Truqui auctorum does not have a valid name, and the name *Rudeulasia* Baraud, 1990 should be changed to *Eulasia* Truqui.

To maintain nomenclatural stability, we intend to apply to the International Commission on Zoological Nomenclature to use its Plenary Power to preserve the current prevailing usage according to articles 70.2., 81. and 80.2.2. of the Code [International..., 1999]. We propose reject the type species designation by Chapin [1938] and conserve the names *Rudeulasia* Baraud, 1990 with type species *Amphicoma papaveris* Sturm, 1843 and *Eulasia* Truqui, 1848 with type species *Scarabaeus arctos* Pallas, 1781.

Specialists on the taxon are recommended to use the prevailing usage before the publication of the decision by the Commission.

The present work is registered in ZooBank (www.zoobank.org) under LSID urn:lsid:zoobank.org:pub:02CD07B4-6376-4502-8A6B-C88155DCE9F8.

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