

РОССИЙСКАЯ АКАДЕМИЯ НАУК
Южный Научный Центр

RUSSIAN ACADEMY OF SCIENCES
Southern Scientific Centre

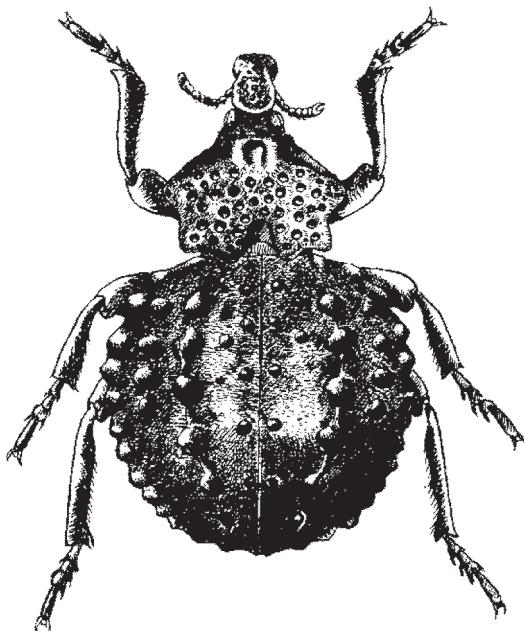


Кавказский Энтомологический Бюллетень

CAUCASIAN ENTOMOLOGICAL BULLETIN

Том 4. Вып. 1

Vol. 4. No. 1



Ростов-на-Дону
2008

***Nalassus glorificus* (Seidlitz, 1896) – new synonym of *Nalassus pharnaces* Allard, 1876 (Coleoptera, Tenebrionidae)**

***Nalassus glorificus* (Seidlitz, 1896) – новый синоним *Nalassus pharnaces* Allard, 1876 (Coleoptera, Tenebrionidae)**

**M.V. Nabozhenko
М.В. Набоженко**

Southern Scientific Centre, Russian Academy of Sciences, Chekhov str., 41, Rostov-on-Don 344006 Russia. E-mail: nalassus@mail.ru
Южный научный центр РАН, ул. Чехова, 41, Ростов-на-Дону 344006 Россия

Key words: Tenebrionidae, *Nalassus*, new synonymy.

Ключевые слова: Tenebrionidae, *Nalassus*, новая синонимия.

Abstract. The history of study and synonymy of *Nalassus pharnaces* Allard, 1876 is considered. New synonymy is established: *Nalassus pharnaces* Allard, 1876 = *Helops glorificus* Seidlitz, 1896, **syn. n.**

Резюме. В статье рассматривается история изучения и синонимия *Nalassus pharnaces* Allard, 1876. Устанавливается новая синонимия: *Nalassus pharnaces* Allard, 1876 = *Helops glorificus* Seidlitz, 1896, **syn. n.**

Nalassus pharnaces was described by Allard [1876] from «Russie méridionale» (redescription by Allard [1877]). Until now this species was considered as *inserta sedis*, but it was recorded in the catalogues and keys in the papers from XIX–XX centuries.

Reitter [1888] described *Stenomax aeneipennis* from the Northwest Caucasus («Circassien») based on the collections of Hans Leder. However this name was the junior homonym of *Stenomax aeneipennis* Allard, 1876 (now *Helopelius aeneipennis*). Seidlitz [1896] eliminated this homonymy and gave the new name for the Reitter's species, including it in the subgenus *Omaleis* Allard, 1877 of the genus *Helops* Fabricius, 1775: *Helops (Omaleis) glorificus* Seidlitz, 1896.

Later Reitter [1922] placed *Helops glorificus* in the genus *Cylindrinotus* Faldermann, 1837 (which he misspelled as *Cylindronotus* [Bouchard et al., 2005]), in the subgenus *Omaleis*. Such placement was based on the metallic shade and absence of the hairy spot on the first abdominal sternite of the male (actually the hairy spot does present in this species). The species was listed in this combination in the catalogue of Gebien [1943] and papers of Abdurakhmanov, Medvedev [1994] and Dzhambazishvili [2000].

Later the subgenus *Omaleis* was synonymized with the genus *Odocnemis* Allard, 1876 [Nabozhenko, 2001]. The considered species was redescribed and illustrated, and also transferred in the subgenus *Caucasonotus* Nabozhenko, 2000 of the genus *Nalassus* Mulsant, 1854. It was recorded in the same combination and in the further publications [Nabozhenko, 2005, 2007].

Examination of the holotype of *Nalassus pharnaces* from the collection of Frederick Bates (kept in the Natural History Museum, London) revealed its identity with *Nalassus (Caucasonotus) glorificus*. Thus, a new synonymy is established: *Nalassus pharnaces* Allard, 1876

= *Helops glorificus* Seidlitz, 1896, **syn. n.**

The holotype of *Nalassus pharnaces* (♀) has following labels: «*Laticollis* Mènètr.: X. Coll. Donè Russ. Mèr.»; a yellow label «*Nalassus Pharnaces*», «*Nalassus Pharnaces* type All.», «F. Bates Coll. 81-19».

Distribution and ecology of this species is considered in Nabozhenko [2000, 2001, 2005].

Acknowledgements

I am grateful to Dr. Maxwell V.L. Barclay (Natural History Museum, London) for the type material from the collection of F. Bates and to Dr. A.Yu. Solodovnikov (Zoological Museum, Copenhagen. Denmark) for linguistic review of this paper.

References

- Abdurakhmanov G.M., Medvedev G.S. 1994. Catalogue of the darkling beetles of the Caucasus. Makhachkala: Daghestan State Pedagogical Institute. 212 p. [in Russian].
- Allard E. 1876. Revision des Helopides vrais de Lacordaire // L'Abeille. 14: 1–80.
- Allard E. 1877. Revision des Helopides vrais // Mittheilungen Schweiz. Ent. Ges. 5: 13–268.
- Bouchard P., Lawrence J.F., Davies A.E., Newton A.F. 2005. Synoptic classification of the world Tenebrionidae (Insecta: Coleoptera) with a review of family-group names // Annales Zoologici. 55(4): 499–530.
- Dzhambazishvili M.Ya. 2000. Catalogue of the darkling beetles (Coleoptera, Tenebrionidae) of the Georgia // Trudy Instituta zoologii Gruzii. 20: 185–193.
- Gebien H. 1943. Katalog der Tenebrioniden. Teil III // Mitt. Münch. Ent. Ges. 33: 399–430.
- Nabozhenko M.V. 2000. New data about distribution of darkling beetles of the tribe Helopini (Coleoptera, Tenebrionidae) // Fauna Stavropol'ya. 10: 50–56.
- Nabozhenko M.V. 2001. On the Classification of the Tenebrionid Tribe Helopini, with a Review of the Genera *Nalassus* Mulsant and *Odocnemis* Allard (Coleoptera, Tenebrionidae) of the European Part of CIS and the Caucasus // Entomol. Obozr. 80(3): 627–668 [in Russian] (English translate: Entomological Review. 2001. 81(8): 909–942).
- Nabozhenko M.V. 2005. Distribution of species of the genus *Nalassus* Mulsant, 1854 (Coleoptera, Tenebrionidae: Helopini) in Abkhazia // Mountains ecosystems and its components. Proceeding of International conference, 4–9 september 2005. Nalchik: Kabardino-Balkarian Scientific Centre RAS. 2: 38–40.
- Nabozhenko M.V. 2007. Landscape-Biotic distribution and trophic links of tenebrionid beetles of the tribe Helopini (Coleoptera,

- Tenebrionidae) in the Caucasus and Pre-Caucasus // Trudy Yuzhnogo Nauchnogo Centra RAN. 3: 242–252.
- Reitter E. 1888. Coleopteren aus Circassien, gesammelt von Hans Leder im Jahre, 1887 // Wien. Ent. Zeitung. 7(5): 207–214.
- Reitter E. 1922. Bestimmungs-Tabellen der europäischen Coleopteren. H. 93. Tenebrionidae. 17. Teil: Unterfamilie Helopina, II // Wien Ent. Zeitung. 39: 113–171.
- Seidlitz G. von. 1893–1898. Tenebrionidae. Pp. 201–400 (1893), Pp. 401–608 (1894), Pp. 609–800 (1896), Pp. 801–877 (1898). In: Kiesenwetter H. von, Seidlitz G. von: Naturgeschichte der Insecten Deutschlands. Erste Abteilung Coleoptera. Bd 5. Half. 8. Berlin, Nicolaische Verlags-Buchhandlung. S. XXVIII+877.

References

- Abdurakhmanov G.M., Medvedev G.S. 1994. Katalog zhukov-chernotelok Kavkaza [Catalogue of darkling beetles of the Caucasus]. Makhachkala: Dagestan State Pedagogical University. 212 p. (in Russian).
- Allard E. 1876. Revision des Helopides vrais de Lacordaire. *L'Abeille*. 14: 1–80.
- Allard E. 1877. Revision des Helopides vrais. *Mitteilungen der Schweizerischen Entomologischen Gesellschaft*. 5: 13–268.
- Bouchard P., Lawrence J.F., Davies A.E., Newton A.F. 2005. Synoptic classification of the world Tenebrionidae (Insecta: Coleoptera) with a review of family-group names. *Annales Zoologici*. 55(4): 499–530.
- Dzhambazishvili M.Ya. 2000. Catalogue of the darkling beetles (Coleoptera, Tenebrionidae) of Georgia. In: Trudy Instituta zoologii [Proceedings of Institute of Zoology]. Vol. 20. Tbilisi: Metsniereba: 185–193 (in Russian).
- Gebien H. 1943. Katalog der Tenebrioniden. Teil 3. *Mitteilungen der Münchener Entomologischen Gesellschaft*. 33: 399–430 (778–809), 895–926 (810–841).
- Nabozhenko M.V. 2000. New data on the distribution of darkling beetles of the tribe Helopini (Coleoptera, Tenebrionidae). In: Fauna Stavropol'ya. Sbornik nauchnykh rabot [Fauna of Stavropol Region. Collection of scientific papers]. Vol. 10. Stavropol: Stavropol State University: 50–56 (in Russian).
- Nabozhenko M.V. 2001. On the classification of the Tenebrionid tribe Helopini, with a review of the genera *Nalassus* Mulsant and *Odocnemis* Allard (Coleoptera, Tenebrionidae) of the European Part of CIS and the Caucasus. *Entomological Review*. 81(8): 909–942.
- Nabozhenko M.V. 2005. Distribution of species of the genus *Nalassus* Mulsant, 1854 (Coleoptera, Tenebrionidae: Helopini) in Abkhazia. In: Gornye ekosistemy i ikh komponenty. Trudy Mezhdunarodnoy konferentsii [Mountain ecosystems and its components. Proceeding of International conference (Nalchik, Russia, 4–9 September 2005)]. Vol. 2. Nalchik: Kabardino-Balkarian Scientific Centre RAS: 38–40 (in Russian).
- Nabozhenko M.V. 2007. Landscape-Bitopic distribution and trophic links of tenebrionid beetles of the tribe Helopini (Coleoptera, Tenebrionidae) in the Caucasus and Pre-Caucasus. In: Trudy Yuzhnogo nauchnogo tsentra Rossiiyskoy akademii nauk. Tom 3: Bioraznoobrazie i transformatsiya gornykh ekosistem Kavkaza [Studies of the Southern Scientific Centre of the Russian Academy of Sciences. Issue 3: Biodiversity and Transformation of Mountain Ecosystems of Caucasus]. Rostov-on-Don: SSC RAS Publishing: 242–252 (in Russian).
- Reitter E. 1888. Coleopteren aus Circassien, gesammelt von Hans Leder im Jahre, 1887. *Wiener Entomologische Zeitung*. 7(5): 207–214.
- Reitter E. 1922. Bestimmungs-Tabellen der europäischen Coleopteren. H. 93. Tenebrionidae. 17. Teil: Unterfamilie Helopina, I. *Wiener Entomologische Zeitung*. 39: 113–171.
- Seidlitz G. von. 1896. Tenebrionidae. In: Kiesenwetter H. von, Seidlitz G. von. Naturgeschichte der Insecten Deutschlands. Erste Abteilung Coleoptera. Bd 5. Half. 8. Berlin: Nicolaische Verlags-Buchhandlung: 609–800.