

DORCADION (CRIBRIDORCADION) OBSOLETUM KRAATZ, 1873 REST. NOV. (CERAMBYCIDAE)

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[**Özdikmen, H. & Kaya, G.** 2015. *Dorcadion (Cribridorcadion) obsoletum* Kraatz, 1873 rest. nov. (Cerambycidae). *Munis Entomology & Zoology*, 10 (1): 222-224]

ABSTRACT: With the present work, *Dorcadion (Cribridorcadion) obsoletum* Kraatz, 1873 rest. nov. is discussed and regarded as a separate species again.

KEY WORDS: *Dorcadion (Cribridorcadion) obsoletum*, rest. nov., Cerambycidae, Turkey.

***Dorcadion obsoletum* Kraatz, 1873 rest. nov.**

The taxon was originally described by Kraatz (1873) as a variety of *Dorcadion graecum* Kraatz, 1873. According to Breuning (1962), it is a separate species. Recently, it is accepted as a synonym of *Dorcadion olympicum olympicum* Kraatz, 1873 (e.g. Löbl & Smetana, 2010).

Dorcadion olympicum has three subspecies as the nominotypical subspecies, *D. olympicum convexum* Breuning, 1943 and *D. olympicum flavosuturale* Krätschmer, 1987 now. All taxa were originally described from Bursa province and near in NW Anatolia. Each taxon is endemic to Turkey now.

Ganglbauer (1882) stated that its type locality is Bursa in NW Turkey due to mislabeled type specimen. And then, he gave a replacement name, "*olympicum*", for the homonym name "*graecum*" Kraatz, 1873 (not Waltl, 1838). According to original description of Kraatz (1873), however, type locality of *Dorcadion graecum* is İstanbul (Turkey) and Greece (not Bursa). Therefore, *Dorcadion obsoletum* never distributes in Anatolia for Turkey. It is distributed only in European Turkey and NE Greece and also Bulgaria.

Consequently, *Dorcadion obsoletum* should be a separate species, not synonym of *Dorcadion olympicum*.

***Dorcadion obsoletum* Kraatz, 1873: 78** (*graecum* var.) (Holotype ♂, ex collection G. Kraatz, Deutsches Entomologisches Institut, Eberswalde) [type locality "Bursa" (Turkey), but not Bursa, according to Kraatz with İstanbul (Turkey) and Greece] **E:** BU GR TR

obsoletoides Breuning, 1946: 111 (*D. obsoletum* m.) [Greece: Thrace: Ferre]

Known distribution of *D. obsoletum* Kraatz, 1873 in Turkey: İstanbul prov. As the type loc. of *Dorcadion graecum* (Kraatz, 1873); İstanbul prov.: Belgrad Forest, Alem Mt. as *D. olympicum* (Bodemeyer, 1906).

***Dorcadion olympicum* Ganglbauer, 1882: 228**

***Dorcadion olympicum convexum* Breuning, 1943: 90** (Holotype ♂, ex collection S. Breuning, Muséum d'Histoire Naturelle de Genève) [type locality "Achu Dagh (Simav: Akdağ)" (Turkey: Kütahya)] **A:** TR

Known distribution of *D. olympicum convexum* Breuning, 1943 in Turkey: Kütahya prov.: Simav: Akdağ (Breuning, 1943, 1962); Anatolia (Danilevsky in Löbl & Smetana, 2010).

***Dorcadion olympicum flavosuturale* Krätschmer, 1987: 340** (Holotype ♂, collection Otto Erich Krätschmer, München) [type locality “Mustafakemalpaşa: Gölyazi: Uluabat Lake” (Turkey: Bursa)] A: TR

Known distribution of *D. olympicum flavosuturale* Krätschmer, 1987 in Turkey: Bursa prov.: Mustafakemalpaşa: Uluabat lake as the type locality of *D. olympicum flavosuturale* (Krätschmer, 1987); Anatolia (Danilevsky in Löbl & Smetana, 2010).

***Dorcadion olympicum olympicum* Ganglbauer, 1882: 228** (Lectotype ♂, ex collection G. Kraatz, Deutsches Entomologisches Institut, Eberswalde) [type locality “Bursa” (Turkey)] A: TR

subalpinum Kraatz, 1873a: 78 [Turkey: Bursa: Osmangazi: Uludağ]

oreophilum Ganglbauer, 1884: 500 (*D. olympicum* var.) [Turkey: Bursa: Uludağ]

brussense Breuning, 1946: 112 (*D. olympicum* m.) [Turkey: Bursa]

quinquefasciatum Breuning, 1946: 112 (*Dorcadion olympicum* m.) [Turkey: Bilecik]

Known distribution of *D. olympicum olympicum* Kraatz, 1873 in Turkey: Bursa prov. (Ganglbauer, 1884; Aurivillius, 1921); Bursa prov. as *D. olympicum* v. *oreophilum* (Ganglbauer, 1884); Anatolia (Winkler, 1924-1932); Bursa prov.: Uludağ, Bilecik prov. (Breuning, 1962); Bursa prov.: Uludağ as *D. olympicum* m. *oreophilum* Ganglbauer (Demelt, 1963); Bursa prov.: Uludağ (Braun, 1978; Adlbauer, 1988); Turkey (Lodos, 1998); Anatolia (Danilevsky in Löbl & Smetana, 2010).

LITERATURE CITED

- Adlbauer, K. 1988. Neues zur Taxonomie und Faunistik der Bockkäferfauna der Türkei (Coleoptera, Cerambycidae). Entomofauna, 9 (12): 257-297.
- Aurivillius, C. 1921. Coleopterorum Catalogus, pars 73, Cerambycidae: Lamiinae. Berlin. W.Junk & S.Schenkling. 704 pp.
- Bodemeyer, H. E. V. 1906. Beiträge zur Käferfauna von Klein Asien - Deutsche Entomologische Zeitschrift, 2: 417-437.
- Braun, W. 1978. Die Dorcadienfauna der Forschungsreisen von W. Heinz 1963-1977, Faunistische Aufstellung, Beschreibung einer neuen Unterart und Bemerkungen zur Systematik wenig bekannter Arten (Coleoptera, Cerambycidae). Nachrichtenblatt der Bayerischen Entomologen, 27 (6): 101-116.
- Breuning, S. 1943. Nouveaux cérambycides paléarctiques (20 note). Miscellanea Entomologica, 40: 89-104.
- Breuning, S. 1962. Revision der Dorcadienini. Entomologische abhandlungen und berichte aus dem staatliche museum für tierkunde in Dresden, 27: 665.
- Demelt, C. V. 1963. Beitrag zur Kenntnis der Cerambycidenfauna Kleinasiens und 13. Beitrag zur Biologie palaearkt. Cerambyciden, sowie Beschreibung einer neuen Oberea-Art. Entomologische Blätter, 59 (3) : 132-151.
- Ganglbauer, L. 1882. Über Dorcadion graecum Waltl. Wiener Entomologische Zeitung, 1: 228.
- Ganglbauer, L. 1884. Bestimmungs-Tabellen der europäischen Coleopteren. VIII. Cerambycidae. Verhandlungen der Kaiserlich-Königlichen Zoologisch-Botanischen Gesellschaft in Wien, 33: 437-586.
- Kraatz, G. 1873. Die Käfer Europa's. Nach der Natur beschrieben. Im Anschluss an die Käfer Europa's von Dr. H. C. Klüster. Mit Beiträgen von H. v. Kiesenwetter. 29. Heft. Nürnberg: Bauer & Raspe (Emil Klüster), [8]+101 numbered sheets.
- Krätschmer, O. 1987. Beitrag zur Kenntnis der *Dorcadion*-Fauna Griechenlands und der Türkei (Coleoptera: Cerambycidae: Lamiinae). Entomologische Zeitschrift, 97 (23): 337-340.
- Lodos, N. 1998. Entomology of Turkey VI (General, Applied and Faunistic). Ege Ü. Ziraat Fak. Yayınları No: 529, E. Ü. Faculty of Agriculture Press, Izmir, 300 pp.
- Löbl, I. & Smetana, A. (ed.) 2010. Catalogue of Palearctic Coleoptera, Vol. 6. Chrysomeloidea. Stenstrup: Apollo Books, 924 pp.
- Winkler, A. 1924-1932. Catalogus Coleopterorum regionis palaearticae. Verlag von Albert Winkler, 1135-1226.



Figure 1. Known type localities of *Dorcadion obsoletum* (hegzagonal sign), *Dorcadion olympicum convexum* (square sign), *Dorcadion olympicum flavosuturale* (star sign), *Dorcadion olympicum olympicum* (circle sign) (The satellite map from google earth).