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A new subspecies of *Anaglyptus mysticoides* Reitter, 1894, *Anaglyptus mysticoides obscurissimus* Pic, 1901 stat. nov., from Turkey (Coleoptera: Cerambycidae: Cerambycinae)

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**A NEW SUBSPECIES OF *ANAGLYPTUS MYSTICOIDES*
REITTER, 1894, *ANAGLYPTUS MYSTICOIDES*
OBSCURISSIMUS PIC, 1901 STAT. NOV., FROM TURKEY
(COLEOPTERA: CERAMBYCIDAE: CERAMBYCINAE)**

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ABSTRACT: The paper presents a new subspecies of *Anaglyptus mysticoides* Reitter, 1894 from Anatolian part of Turkey. Accordingly, *Anaglyptus obscurissimus* Pic, 1901 that is a known synonym of *Anaglyptus mysticoides* Reitter, 1894 is upgraded to subspecies level as *Anaglyptus mysticoides obscurissimus* Pic, 1901 stat. nov. In accordance with this, known synonyms of *Anaglyptus mysticoides* Reitter, 1894 from Anatolia are transferred to *Anaglyptus mysticoides obscurissimus* Pic, 1901 stat. nov. as *Anaglyptus subimpressus* Pic, 1901b syn. nov., *Anaglyptus mysticoides* var. *amasinus* Pic, 1910 syn. nov. and *Anaglyptus mysticus* ssp. *anatolicus* Demelt, 1970 syn. nov.

KEY WORDS: Cerambycidae, Cerambycinae, *Anaglyptus mysticoides*, new subspecies, Turkey

***Anaglyptus mysticoides obscurissimus* Pic, 1901 stat. nov.
(Figs. 1a)**

Anaglyptus mysticoides was described by Reitter (1894) from Central Caucasus. According to Miroshnikov (2000), Löbl & Smetana (2010), Özdikmen (2014), Tavakilian (2016) and Danilevsky (2016), this species is distributed in Transcaucasia (Armenia, Azerbaijan, Georgia) and Turkey (Anatolia). *Anaglyptus mysticoides* has 4 synonyms as *Anaglyptus obscurissimus* Pic, 1901a: 59, *Anaglyptus subimpressus* Pic, 1901b: 9, *Anaglyptus mysticoides* var. *amasinus* Pic, 1910: 10 and *Anaglyptus mysticus* ssp. *anatolicus* Demelt, 1970: 32. All synonyms of the species were described from Anatolia.

Two females were collected during fieldwork carried out in Kocaeli province in North-Western Anatolia of Turkey during ...October... 2016. The collection localities areDeulpur.... andDebnagar.... The specimens of longhorned beetles were collected, photographed and preserved in the collection of the second autor (Turkey: Kocaeli prov.).

During the study of these collected specimens from Kocaeli province, we have identified a new subspecies of *Anaglyptus mysticoides*. They differ from the nominotypical subspecies of *Anaglyptus mysticoides* by completely black elytra (basal part of elytra red in *Anaglyptus mysticoides mysticoides*) (Figs. 1a,b). All synonyms of *Anaglyptus mysticoides* described from Anatolia have the same character. Thus the valid name of new subspecies should be the name of senior

synonym of *Anaglyptus mysticoides* from Anatolia as *Anaglyptus mysticoides obscurissimus* Pic, 1901 stat. nov.

The senior synonym, *A. obscurissimus* was described by Pic (1901a) from Tokat (Anatolia). The original description of Pic as follows:

“*Anaglyptus obscurissimus*. Niger, thorace in disco distincte carinato; antennis simplicibus; elytris griseo fasciatis aut maculatis et apice indistincte truncatis. Long. 13 mill. — Tokat (coll. Pic). — De coloration et fasciis analogue à *mysticus* L. v. *hieroglyphicus* Herbst., mais dessin élytral pubescent un peu jaunâtre, formé sur le milieu des élytres d'une fascie oblique et d'une large macule suturale irrégulière, prothorax à carène basale distincte, etc. Peut être variété foncée de *A. mysticoides* Reitt. [W., 1894, p. 128]?”

Anaglyptus subimpressus was described by Pic (1901b) from Trabzon (Anatolia), *Anaglyptus mysticoides* var. *amasinus* was described by Pic (1910) from Amasya (Anatolia) and *Anaglyptus mysticus* ssp. *anatolicus* was described by Demelt (1970) from Samsun (Anatolia).

Consequently, the species *Anaglyptus mysticoides* Reitter, 1894 has 2 subspecies as follows:

***Anaglyptus (Anaglyptus) mysticoides mysticoides* Reitter, 1894**

Original combination: *Anaglyptus (Cyrtophorus) mysticoides* Reitter, 1894: 128

Type information: Syntypes ♂ & ♀, ex collection Edmund Reitter, Magyar Természettudományi Múzeum, Budapest [type locality “Centralen Kaukasus” (Caucasus)]

Distribution: Transcaucasia (Armenia, Azerbaijan and Georgia)

Diagnostic character: Basal part of elytra red.

***Anaglyptus (Anaglyptus) mysticoides obscurissimus* Pic, 1901a**

Original combination: *Anaglyptus obscurissimus* Pic, 1901a: 59

Type information: Holotype, ex collection M. Pic, Muséum National d'Histoire Naturelle, Paris [type locality “Tokat” (Turkey: Anatolia)]

New synonyms:

Anaglyptus subimpressus Pic, 1901b: 9 [Type information: Holotype, ex collection M. Pic, Muséum National d'Histoire Naturelle, Paris (type locality “Trabzon” (Turkey: Anatolia))

Anaglyptus mysticoides var. *amasinus* Pic, 1910: 10 [Type information: Holotype, ex collection M. Pic, Muséum National d'Histoire Naturelle, Paris (type locality “Amasya” (Turkey: Anatolia))

Anaglyptus mysticus ssp. *anatolicus* Demelt, 1970: 32 [Type information: (type locality “Samsun: Kavak” (Turkey: Anatolia))

Material examined: Kocaeli province:

Distribution: Turkey: Anatolia [Trabzon province as *Anaglyptus subimpressus* (Pic, 1901b); Amasya province as *Anaglyptus mysticoides* var. *amasinus* (Pic, 1910); Erzurum province as *Anaglyptus mysticoides* (Villiers, 1967); Samsun province: Kavak as *Anaglyptus mysticus* ssp. *anatolicus* (Demelt, 1970); Amasya province: Merzifon as *Anaglyptus mysticus* (Adlbauer, 1992); Afyon province: S of Şuhut (Başören) and Bolu province as *Anaglyptus mysticoides* (Miroshnikov, 2000); Afyon, Amasya, Bolu, Erzurum, Samsun, Tokat, Trabzon provinces (Özdikmen, 2014)] (Fig. 2).

Diagnostic character: Elytra completely black.

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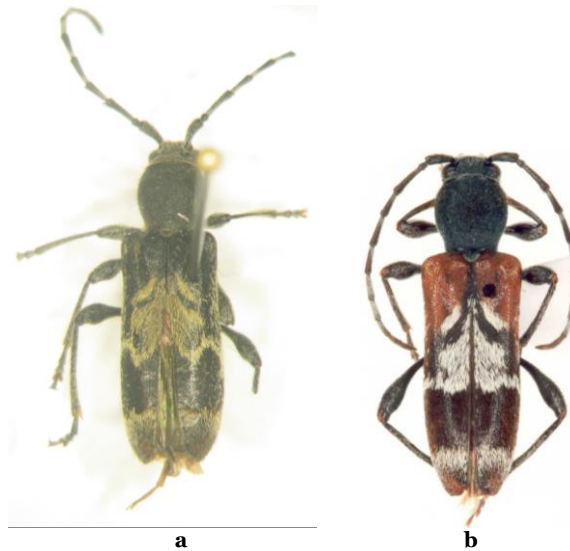


Figure 1. a. *Anaglyptus mysticoides obscurissimus* Pic, 1901 stat. nov. from Kocaeli province in Turkey, b. *Anaglyptus mysticoides mysticoides* Reitter, 1894 from "Karavansaray" (=Idzhevan) in Armenia (picture by A. I. Miroshnikov, <https://www.zin.ru/animalia/coleoptera/eng/anamydmi.htm>).

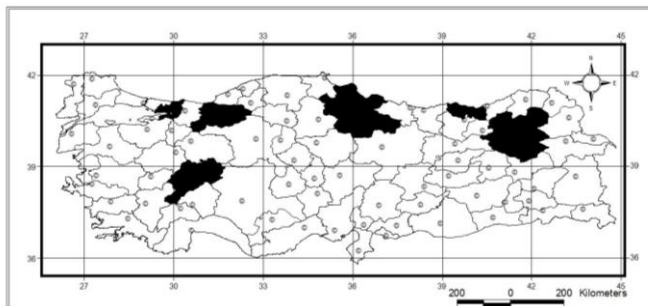


Figure 2. Distribution patterns of *Anaglyptus mysticoides obscurissimus* Pic, 1901 stat. nov. in Turkey.