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**A NEW SUBSPECIES OF
CARABUS (AULONOCARABUS) TRUNCATICOLLIS ESCHSHOLTZ, 1833
 FROM YAKUTIA AND MAGADAN REGION
 (Coleoptera, Carabidae)**

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Résumé : Dans cet article une nouvelle sous-espèce de *Carabus (Aulonocarabus) truncaticollis* : *Carabus (Aulonocarabus) truncaticollis uczeugeicus* ssp. n. est décrite de Yakutie et Magadan Region; ses caractères distinctifs sont énoncés.

Abstract : A new subspecies of *Carabus (Aulonocarabus) truncaticollis*: *Carabus (Aulonocarabus) truncaticollis uczeugeicus* ssp. n. is described from Yakutia and Magadan Region. Diagnostic data are given.

Key words : Coleoptera, Carabidae, *Carabus (Aulonocarabus) truncaticollis*, new subspecies, Yakutia, Magadan Region.

Introduction

Carabus (Aulonocarabus) truncaticollis Eschscholtz, 1833 is distributed from the Yamal Peninsula, and all around Siberia to the Magadan area and Chukot Peninsula; in southern Siberia from northern Mongolia up to northern Transbaikalia. In the south of Far East Russia the species is absent. The species has a large number of subspecies and local forms. In the northern part of Siberia and north of Far East Russia the species inhabits usually plain tundra and forest tundra and is represented by 1-2 subspecies. In the southern part of the area the species occurs in the mountain tundra and in the screes, at the altitudes from 1500 to 2500 m above the sea level and is represented by 3 subspecies. Nominotypical subspecies is distributed in Alaska and Islands of Bering Sea.

Recently I have received a small series of *C. truncaticollis* (3 females) from Yakutia and Magadan Region. This specimens differ from all known for today northern subspecies of *C. truncaticollis* and in my opinion deserving subspecific rank.

The descriptions of *Carabus (Aulonocarabus) truncaticollis uczeugeicus* ssp. n. is given below.

***Carabus (Aulonocarabus) truncaticollis uczeugeicus* ssp. n. (Fig.4).**

Holotype : female, Yakutia, Uchugei River, 288 km of Magadan Road, 800 m, 4-10.VII.1990, V. Vukovich leg. (in the collection of the Moscow Biological Museum). Paratypes: female, same data and same locality; female, Magadan Reg., 10 km. S Kulu Vill., 20.VII.1997, Yu. Marusik leg. (in the collection of the Moscow Biological Museum).

Description : Body length is 17.6 – 18.0 (including mandibles), width 7.2 – 7.5 mm.

Head not thickened, ratio width of pronotum/width of head 2.10; eyes strongly convex; mandibles short, slightly curved and sharply pointed at the apex; retinaculum of the right and left mandibles one-dentate, retinaculum of the right mandible triangular big strongly prominent, retinaculum of the left mandible smaller slightly prominent; surface of mandibles smooth. Frontal furrows not deep and broad, inside with few coarse punctures. Frons and vertex nearly smooth, neck with sparse coarse punctures. Labrum wider than clypeus strongly notched, with two lateral setae. Antennae protruding beyond the base of pronotum by four apical segments; palpi slightly dilated; penultimate segment of the maxillary palpi equal to last segment; penultimate segment of the labial palpi with two setae. Mentum tooth narrow triangular equal to lateral lobes; submentum with two setae.

Prothorax transverse, broad; ratio width/length 1.75. Pronotum with few coarse punctures on disk, laterally and posteriorly pronotum with sparse coarse punctures. Median longitudinal line distinct; basal foveae not deep, inside coarsely-punctured. Sides of pronotum narrowly margined; lobes of hind angles very short, slightly bent

downwards. Lateral margin with three setae: one setae before middle, one setae at about middle and one setae near hind angle.

Elytra oval, convex, widest at about middle; shoulders slightly prominent; sides of elytra narrowly margined. Ratio length/width 1.46; ratio width of elytra/width of pronotum 1.50. Elytral sculpture: all elytral interspaces slightly convex, about equally developed, tertiary elytral interspaces partially reduced, all elytral interspaces conjugated transversely. Primary elytral foveoles big and shallow; striae coarsely punctured.

Abdominal sternites smooth, metepisternum smooth, not longer than its width; sternal sulci absent.

Legs long.

Coloration black; tibiae and tarsi segments (apically) reddish-brown.

Differential diagnosis. The new subspecies differs from other northern subspecies of *C. truncaticollis* (Figs 1,2,3) by following features: frons, vertex and neck nearly smooth (while in other northern subspecies of *C. truncaticollis* frons, vertex and neck with dense coarse punctures and wrinkles); prothorax broader and more convex; pronotum with much less rough sculpture (with few coarse punctures on disk, laterally and posteriorly with sparse coarse punctures), median longitudinal line distinct (while in other northern subspecies of *C. truncaticollis* pronotum completely dense coarsely-punctured, median longitudinal line indistinct); elytra more convex; elytral sculpture smooth, all elytral interspaces indistinct; primary elytral foveoles bigger and more shallow; legs longer.

Distribution. Western Yakutia and East Magadan Region.

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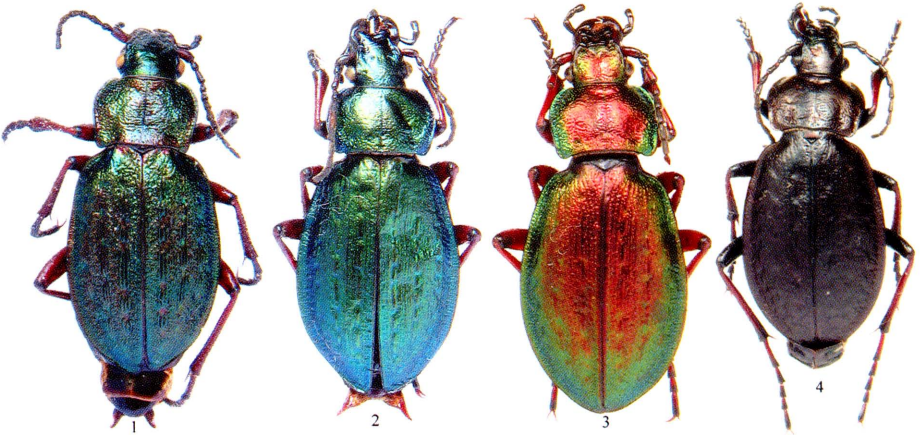


Fig. 1. *Carabus (Aulonocarabus) truncaticollis truncaticollis* Eschscholtz, 1833 (from St. Paul Isl., Bering Sea).

Fig. 2. *Carabus (Aulonocarabus) truncaticollis polaris* Poppius, 1905 (from North Yakutia, Port Tiksi).

Fig. 3. *Carabus (Aulonocarabus) truncaticollis polaris* Poppius, 1905 (from Chukotka, Bilibino Vill. env.).

Fig. 4. *Carabus (Aulonocarabus) truncaticollis uczugeicus* ssp. n. (holotype)