

REICHENBACHIA

Staatliches Museum für Tierkunde Dresden

Band 28

Ausgegeben: 30. November 1990

Nr. 17

Chaetocnema imitatrix sp. n. — a new chrysomelid species from Bulgaria (Insecta, Coleoptera, Chrysomelidae: Alticinae)

With 7 Figures

BLAGOJ GRUEV
Plovdiv

Herewith a new species of *Chaetocnema* (s. str.) STEPHENS is newly described from Vitosha Mountain in Bulgaria.

I thank my colleague Plamen MITOV of the University of Sofia „Kliment Ohridski“ (Faculty of Biology) for collecting the specimens upon which this paper is based.

Chaetocnema (*Chaetocnema*) *imitatrix* sp. n.

Locus typicus. Bulgaria, Vitosha Mountain: Goli vrâh, 1750–1800 m, lawn, 19. V 1988, leg. P. MITOV, 1 male — holotype mountain hostel „Kumata“, 1750 m, 3. VII. 1988, leg. P. MITOV, 2 females — paratypes Goli vrâh, 1800 m, 24. X. 1988, leg. P. MITOV, 2 females — paratypes The holotype and two paratypes have been preserved in the author's collection, and two paratypes in the collection of the National Natural History Museum, Sofia.

Diagnosis The new species resembles *Ch. subcoerulea* (KUTSCHERA) and *Ch. leonhardi* HEIKERTINGER in having bluish colour of body and pronotum finely punctured. *Ch. subcoerulea* occurs in the low parts of the country (including the seaside), while *Ch. imitatrix* was found in the high mountain parts. As for *Ch. leonhardi*, it is a mountain species endemic to Bosna-Herzegovina (Yugoslavia).

The essential delimiting characters of the three species are given in the following key:

- 1 (4) Fore femora and first antennal segment black.
- 2 (3) Tarsal segment 1 of male not broader than 3. Aedeagus with apex strongly narrowed and pointed (fig. 1). Length 1,8–2,2 mm. ***Ch. subcoerulea* (KUTSCH.)**
- 3 (2) Tarsal segment 1 of male broader than 3 (fig. 2). Aedeagus with apex not pointed (fig. 3). Length 1,95–2,20 mm. ***Ch. imitatrix* sp. n.**
- 4 (1) Fore femora brown, antennal segment 1 pale or weakly darkened. Tarsal segment 1 of male broader than 3. Aedeagus with apex pointed (fig. 4). Length 1,8–2,2 mm. ***Ch. leonhardi* HEIKERT.**

Description. Body oval and convex, wingless. Bluish-black; pronotum weakly metallish lusted; femora black; tibiae, tarsi and basal half of antennae reddish-brown, antennal segment 1 black dorsally. Head shagreened, with small and equal punctures. Pronotum shagreened and finely (but stronger than head) punctured, about $1\frac{1}{3}$ times as wide as long, widest about middle, with sides regularly rounded. Elytron shagreened, without humeral tubercles clearly prominent; rows of punctures strong, not quite regular at base; interstices slightly raised, not punctured.

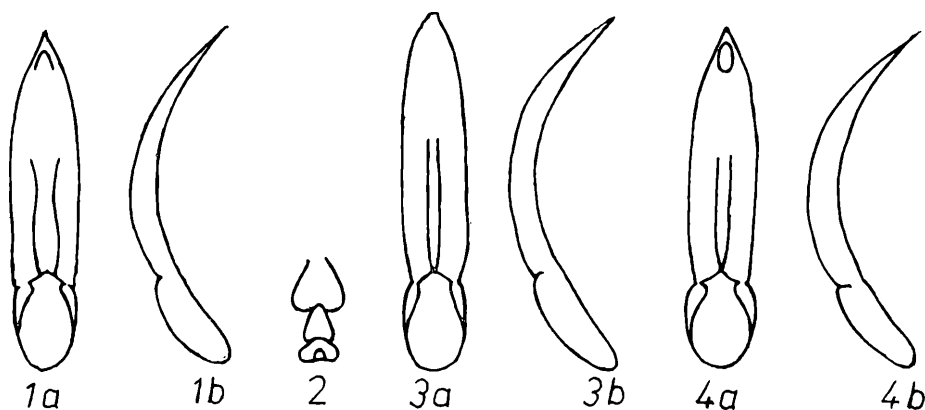


Fig. 1 Aedeagus of *Ch. subcoerulea* (KUTSCH.), 1a – ventral view, 1b – lateral view. – Fig. 2: Anterior tarsal segments of *Ch. imitatrix* sp. n. (male). – Fig. 3: Aedeagus of *Ch. imitatrix* sp. n., 3a – ventral view, 3b – lateral view. – Fig. 4: Aedeagus of *Ch. leonhardi* HEIKERT., 4a – ventral view, 4b – lateral view.

Male Tarsal segment 1 heart-shaped, strongly broadened, broader than segment 3 (fig. 2). Aedeagus with nearly parallel sides, narrowed and rounded apically; apical tooth truncate; underside with a narrow longitudinal furrow in the basal half; profil regularly arched (fig. 3).

Length 1.95–2.20 mm.

Author's address:

P. O. Box 289, 4000 Plovdiv (Bulgaria)

(Received on 21. VI. 1989)

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Reichenbachia](#)

Jahr/Year: 1990

Band/Volume: [28](#)

Autor(en)/Author(s): Gruev Blagoy

Artikel/Article: [Chaetocnema imitatrix sp. n. - a new chrysomelid species from Bulgaria \(Inserta, Coleoptera, Chrysomelidae: Alticinae\) 89-90](#)