

Anthaxia (s.str.) hypomelaena (Illiger, 1803) (Coleoptera: Buprestidae)
a certain presence in the Romanian fauna

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Abstract

Anthaxia (s.str.) hypomelaena (Illiger, 1803) (Coleoptera: Buprestidae) was not mentioned in the literature to occurs in the Romanian fauna, except in a single publication (BÍLÝ 2003). After asking S. BÍLÝ, he answers me that he collected 2 specimens in July 1970 near Constanța (Dobrudja) (BÍLÝ pers. com.).

I collect 2 specimens in 13.06.2004 at Greci (Măcin Mountains), 250 m. This is a confirmation of the presence of this species in the Romanian fauna.

Anthaxia (s.str.) hypomelaena (Illiger, 1803) (Coleoptera: Buprestidae), prezență sigură în fauna României

Rezumat

Anthaxia (s.str.) hypomelaena (Illiger, 1803) (Coleoptera: Buprestidae) nu este menționată în nici o publicație elaborată de autori din România sau străini ca fiind prezentă în fauna României, cu excepția unei singure lucrări (BÍLÝ 2003). Am contactat autorul, care mi-a răspuns că a colectat 2 exemplare în Iulie 1970 lângă Constanța (BÍLÝ pers. com.).

În acest an, (13.06.2004) am colectat personal 2 exemplare la Greci (Munții Măcin) la o altitudine de cca. 250 m. Prin aceasta, confirm prezența speciei în fauna României.

Keywords: *Anthaxia (s.str.) hypomelaena* (Illiger, 1803), Buprestidae, Romanian fauna.

Anthaxia (s.str.) hypomelaena (Illiger, 1803) are belonging to *Anthaxia (s.str.) nitidula* (Linnaeus, 1758.) species-complex. In Romania also exist the following species: *A. (s.str.) nitidula* ssp. *signaticollis* Krynicki, 1832; *A. (s.str.) discicollis* Gory & Laporte, 1839 (that also need a confirmation); *A. (s.str.) anatolica anatolica* Chevrolat, 1837 and *A. (s.str.) chevrieri* Gory & Laporte, 1839 (= *A. funerula* Ill., 1803 - erroneous status) (BÍLÝ 2003).

Anthaxia (s.str.) nitidula (Linnaeus, 1758.) species-complex is recognizing upon these characters: small species (4-7 mm), front without pubescence, pronotum lateral margins right or slightly convex, but not sinuous, pronotum disc without large and deep lateral cavities, their sculpture not umbilicated, the cells often with central grains, the lateral sides without ripples. Elytra often green or blue, rare bronzed.

Key for identification of the *Anthaxia (s.str.) nitidula* (Linnaeus, 1758.) species-complex in Romania

1. Body entirely bronzed, with distinct points placed in longitudinal series. 2.75-6 mm
..... **chevrieri Gory & Laporte**
- Body coloured with green, copper or red pronotum (with dark spots or stripes) and green or blue elytra2
2. Pronotum greenish, copper or red with 2 dark spots or stripes.....3
- Pronotum with one dark spot.....4
3. Pronotum with 2 longitudinal black or dark blue stripes is golden or copper in the lateral part and greenish between the stripes **anatolica Chevr. (fig. 1c)**
- Pronotum red, copper, golden or greenish, with 2 small dark spots in the anterior part.....
..... **nitidula ssp. signaticollis Kryn. (fig. 1a)**
4. Pronotum with a big dark blue spot that occurs

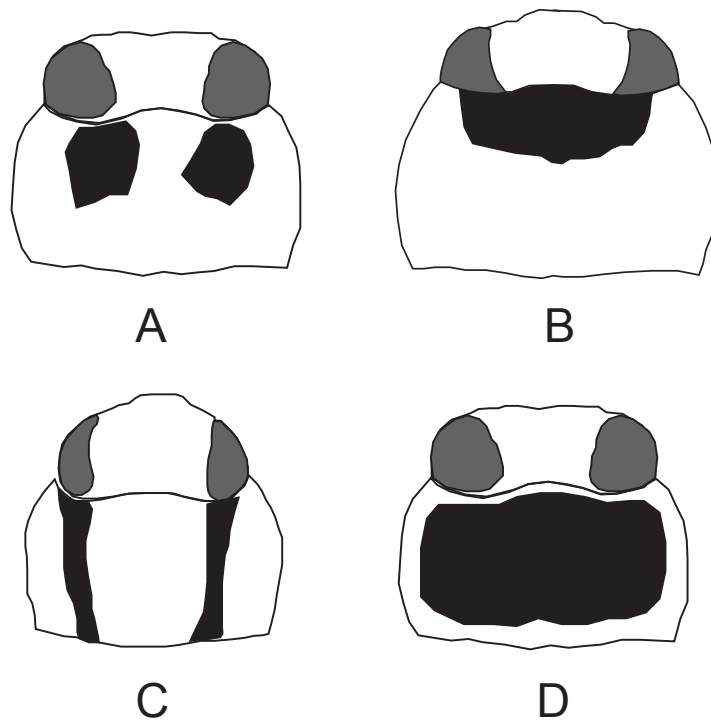


Fig. 1. Disposition of black spots or stripes on the pronotum in: a – *Anthaxia nitidula* ssp. *signaticollis* Kryn., b – *A. hypomelaena* (Ill.), c – *A. anatolica* Chev., d – *A. discicollis* Gory & Lap. (orig.).

the entire discal surface, excepting the green or golden margins **discicollis Gory & Laporte (fig. 1d)**

- Pronotum red, copper or golden, with a small black spot that occurs in the anterior half.....
..... **hypomelaena (Ill.) (fig. 1b)**

Anthaxia hypomelaena is a circum-mediterranean species that occur in the following countries: Albania, Algeria, Bosnia, Bulgaria, Croatia, France, Germany, Greece, Italy, Macedonia, Moldova, Marocco, Romania, Slovenia, Spain, Switzerland, Russia, Turkey, Yugoslavia. It prefers steppes, for-

est steppes and sun-exposed rocky slopes and ruderal biotopes. The host-plants is *Eryngium campestre* (BÍLÝ 2003).

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