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Notes on Buprestidae from Albania and further Mediterranean countries (Coleoptera: Buprestidae)

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Abstract

To update the knowledge on Buprestidae of Albania, several new locality and country records are reported. Questions, concerning the latest records for Albania in the updated catalogue on Palaearctic Coleoptera (KUBÁŇ 2016) are discussed. *Anthaxia muehlei* NIEHUIS, 1982 **spec. resurr.** is resurrected from synonymy with *Anthaxia frankenbergeri* OBENBERGER, 1934. New records of buprestids from other Mediterranean countries are presented.

Introduction

Since the publication of the papers by MÜHLE (1980, 1984) and SAKALIAN (2008), several entomologists have been collecting in Albania, an entomologically almost unknown country. Many of the data on the distribution of species came from references published almost 100 years ago. Thus, the names published there do not always correspond to the latest nomenclature. This is addressed in the following article, as well as unclear information in the catalogues of Palaearctic Coleoptera (KUBÁŇ 2006, 2016). Additional new country records of buprestids from further Mediterranean countries are presented.

Unless otherwise stated, the specimens are in the possession of the respective collectors. The specimens of SIERING were determined by P. BRANDL, all other specimens by the author.

Abbreviations

NHMB = Magyar Természettudományi Múzeum, Budapest/Hungary.

Faunistic results for Albania

Julodis ehrenbergi LAPORTE, 1835

Sarande: Mesopotam 30m, 7.5.2018, leg. LÖDERBUSCH.

Acmaeodera (Palaeotethya) bipunctata (OLIVIER, 1790)

Shkodra: Fushë Arrëz - Fierszë 800-900m, 15.6.2012, leg. H. & R. RAUSCH, coll. MÜHLE.

Acmaeodera (s.str.) brevipes KIESENWETTER, 1858

Vlora: Llogara-pass 840m, 21.-25.5.2018, leg. HAUTH.

Acmaeodera (Acmaeotethya) crinita GORY, 1840

Elbasan: Bardhe (mountain) 10.6.2017, leg. HENG MITH; Gjirokastrë: Bence 16.5.2018, leg. EIFLER.

Acmaeodera (Acmaeotethya) degener degener (SCOPOLI, 1763)

Lezha: Rubik 19.5.2016, Vlora: Bistrice 7.6.2016, leg. EIFLER, Bistrice 7.6.2017, leg. HENG MITH.

Remarks: In KUBÁŇ (2006), *octodecimguttata* (PILLER & MITTERPACHER, 1783) is still listed as a synonym of *Acmaeodera degener* (SCOPOLI, 1763). KUBÁŇ (2016) changes the taxonomic assignment by writing “*Acmaeodera (Acmaeotethya) octodecimguttata* (PILLER & MITTERPACHER, 1783), **resurrected** from synonymy with *A. (A.) degener degener* (SCOPOLI, 1763); based on the original descriptions and on the study of the extensive material of both species.”

No further explanations follow and until today there is no publication that allows the determination of the two "species".

Since neither *Acmaeodera octodecimguttata* nor *A. degener* have been reported from Albania so far, but according to KUBÁŇ (2016) both species are supposed to occur in the neighbouring countries of Albania (*A. degener* as well as *A. octodecimguttata* e.g. in Bosnia Herzegovina, Croatia and Greece), it is almost impossible to separate the "species" thanks to the poor, almost identical original descriptions. To present species, whose separation according to the descriptions, including those of the synonyms, is largely based on the number and arrangement of yellow spots is unprofessional. Recent material from Portugal where *A. degener* as well as *A. octodecimguttata* is reported in the above mentioned catalogue (KUBÁŇ 2016), shows both forms of pattern arrangements. The specimens where caught at the same place and the same day.

As a reliable determination of the captured specimens is not possible, due to the circumstances mentioned above, the oldest available name is therefore resorted to.

New record for Albania.

***Acmaeodera (Acmaeotethya) ottomana* (FRIVALDSZKY, 1837)**

Korce: 3 km W Leskovik (Kolonja) 26.4.2017, leg. LÖDERBUSCH.

***Acmaeodera (s.str.) pilosellae* (BONELLI, 1812)**

Gjirokastër: Përmet 240m, 26.4.2017, leg. LÖDERBUSCH; Korçë: 3 km W Leskovik (Kolonja) 26.4.2017, leg. LÖDERBUSCH.

***Acmaeoderella (s.str.) coarctata seminata* (ABEILLE DE PERRIN, 1895)**

Berat: Berat (castle) 1.5.2018 leg. LÖDERBUSCH.

New record for Albania.

***Acmaeoderella (Carininota) flavofasciata flavofasciata* (PILLER & MITTERPACHER, 1783)**

Gjirokastër: Buz pass N, 900m, 10.7.2010, leg. MÜHLE; Korçë: 5 km W Dardhë 14.7.2011, leg. ECKWEILER, coll. MÜHLE; Dardhë 1400m, leg. LÖDERBUSCH; Prespa NP, between Diellas and Gollomboc 20.6.2014, leg. SIERING.

***Acmaeoderella (Carininota) mimonti* (BOIELDIEU, 1865)**

Gjirokastër: Dardhë 1400m, leg. LÖDERBUSCH.

***Agrilus angustulus* (ILLIGER, 1803)**

Berat: 1 km NE Bargullas, Mt.Tomorr 9. and 10.6.2018, leg. NÉMETH & SZÉNÁSI, coll. NHMB; Elbasan: Gjimer 8.5.2018, leg. EIFLER; Korçë: Dardhë Egnatia 10.6.2017, leg. EIFLER, 7 km S Molla 964m 9.5.2017, leg. MÜHLE; Lezha: 8 km S Gjegjan 21.5.2016, leg. EIFLER; Malla-Kastër: 4 km W Klos 29m, 19.5.2018, leg. MÜHLE; Shkoder: Zagore 410m, 22.5.2017 leg. HORVÁTH, LUKÁTSI, MERKL, NÉMETH, SZELENCZEY & SZÉNÁSI, coll. NHMB.

***Agrilus antiquus croaticus* ABEILLE DE PERRIN, 1897**

Remarks: Since the report by MÜHLE (1980) this species was downgraded to a subspecies of *antiquus* MULSANT & REY, 1863.

***Agrilus auricollis* KIESENWETTER, 1857**

Gjirokastra: Përmet 19.5.2018, leg. EIFLER.

***Agrilus convexicollis* REDTENBACHER, 1847**

Gjirokastër: Zermalaj S 18.5.2018, leg. EIFLER; Kukës: Rrethi 19.5.2016, leg. EIFLER; Tirana: NE Ibe, near gorge of Lumi e Erzenit 200m, 17.4.2014 leg. NÉMETH, coll. NHMB.

***Agrilus cuprescens* MÉNÉTRIÉS, 1832**

Berat: Bargullas 1 km NE, Mt.Tomorr 9.6.2018 leg. NÉMETH, SZÉNÁSI, coll. NHMB; Gjirokastër: Përmet 10.5.2018, leg. EIFLER, S Zermalaj 18.5.2018, leg. EIFLER; Malla-Kastër: 4 km W Klos 29m, 19.5.2018, leg. MÜHLE; Shkodra: Fushë Arrëz - Fierszë, 800-900m, 15.6.2012 leg. H & R RAUSCH, coll. MÜHLE.

Remarks: In older publications reported under *Agrilus aurichalceus* REDTENBACHER, 1847.

***Agrilus hyperici* (CREUTZER, 1799)**

Delvinë: 10 km E Delvinë 8.7.2010, leg. MÜHLE, 5 km E Delvinë 8.7.2010, leg. MÜHLE.

***Agrilus laticornis* (ILLIGER, 1803)**

Berat: 1 km NE Bargullas, Mt.Tomorr 9.6.2018 leg. NÉMETH, SZÉNÁSI, coll. NHMB.

***Agrilus marozzinii* GOBBI, 1974**

Tirana: Ibe NE, near gorge of Lumi e Erzenit 200m, 17.4.2014 leg. NÉMETH, coll. NHMB.

***Agrilus obscuricollis* KIESENWETTER, 1857**

Korçë: Leska, lake Prespa 27.4.2017. leg. Löderbusch; Malla-Kastër: 4 km W Klos 29m, 19.5.2018, leg. MÜHLE; Shkoder: Zagore 410m, 22.5.2017 leg. HORVÁTH, LUKÁTSI, MERKL, NÉMETH, SZELENCZEY, SZÉNÁSI, coll. NHMB; Tirana: Ibe e Poshtme 190m, 28.4.2017, leg Löderbusch; Vlorë: Llogara pass 1100m, 19.5.2017 leg. HORVÁTH, LUKÁTSI, MERKL, NÉMETH, SZELENCZEY, SZÉNÁSI, coll. NHMB.

***Agrilus olivicolor* KIESENWETTER, 1857**

Gjirokastrë: Përmet 14.5.2018, leg. EIFLER; Lezha: 3 km NE Kurbnesh 10. and 11.6.2018 leg. NÉMETH, SZÉNÁSI, coll. NHMB; Malla-Kastër: 4 km W Klos 29m, 19.5.2018, leg. MÜHLE.

***Agrilus relegatus* CURLETTI, 1990**

Lezhe: 3 km NE Kurbnesh 10.6.2018 leg. NÉMETH, SZÉNÁSI, coll. NHMB.

Remarks: This species is reported by SAKALIAN (2010) as *Agrilus dualis dualis* ALEXEEV & BÍLY, 1980, a homonym of Brazilian *Agrilus dualis* KERREMANS, 1903.

***Agrilus roscidus* KIESENWETTER, 1857**

Elbasan: 9 km E Elbasan 65m 24.5.2018, leg. MÜHLE; Librazhd 19.5.2018, leg. EIFLER; Vidhas 27. and 29.5.2016, leg. HENGSMITH; Gjirokastrë: 2 km NW Memaliaj 140m, 17.5.2018, leg. EIFLER; 19.5.2018, leg. MÜHLE; Malla-Kastër: 4 km W Klos 29m, 19.5.2018, leg. MÜHLE.

***Agrilus viridis* (LINNAEUS, 1758)**

Kukës: Kula e Lumes, (Kula Ljums) 5.7.1918 leg. CSIKI, coll. NHMB.

***Anthaxia* (s.str.) *fulgurans* (SCHRANK, 1789)**

Berat: 5 km NE Skrapar Çorovodë 11.7.2010, leg. MÜHLE; Elbasan: Banje 11.6.2017, leg. EIFLER, Bardhe (mountain) 10.6.2017, leg. HENGSMITH; Gjirokastrë: Antigonea 200m, 5.5.2018, leg. LÖDERBUSCH, Përmet 14.5.2018, leg. EIFLER, Tepelene_Bence 16.5.2018, leg. EIFLER; Korçë: Prespa NP, between Diellas and Gollomboc 20.6.2014, leg. SIERING; Lezhe: Fierze 19.5.2016, leg. HENGSMITH, Rubik, riverbed 19.5.2016, leg. HENGSMITH; Shkodra: Fushë Arrëz - Fierszë, 800-900m, 15.6.2012 leg. H & R RAUSCH, coll. MÜHLE.

***Anthaxia* (s.str.) *manca* (LINNAEUS, 1767)**

Gjirokastrë: Tepelenë: 2 km NW Memaliaj 17.5.2018, leg. EIFLER.

***Anthaxia* (s.str.) *nitidula* (LINNAEUS, 1758)**

Gjirokastrë: Jorgucat 3 km N (Grapsh) (Dropull) 220m, 11.5.2017, leg. MÜHLE, Përmet 240m, 25.4.2017, leg LÖDERBUSCH; Korçë: NE Dardhë 1380m, 24.5.2018 leg. HAUTH, 25.5.2018, leg. MÜHLE, Prespa NP, between Diellas and Gollomboc 20.6.2014, leg. SIERING; Lezhe: Rubik, river bed 19.5.2016, leg. HENGSMITH; Malla-Kastër: 4 km W Klos 29m, 19.5.2018, leg. MÜHLE; Shkoder: Bend 26.5.2016, leg. EIFLER, Fushë Arrëz - Fierszë, 800-900m, 15.6.2012 leg. H & R RAUSCH, coll. MÜHLE; Tirana: 3 km N Surrel, Dajti mt 3.6.2014 leg. DUSANEK, KUNDRATA, NÉMETH, coll. NHMB; Vlorë: Llogara-pass 1019m, 14.5.2017, leg. MÜHLE, Llogara-pass 830m, 28.5.2022, leg. EGGER.

***Anthaxia* (s.str.) *passerinii* (PECCHIOLO, 1837)**

Berat: Berat (castle) 200m, 1.5.2018, leg. LÖDERBUSCH; Korçë: Prespa NP, between Diellas and Gollomboc 20.6.2014, leg. SIERING; Vlorë: Llogara-pass 840m, 21.5.2018, leg. MÜHLE.

***Anthaxia (s.str.) podolica* MANNERHEIM, 1837**

Gjirokastër: Bence 16.5.2018, Tepelenë 16.5.2018, leg. EIFLER; Lezhë: Rubik, river valley 19.5.2016, leg. HENGSMITH; Vlora: Llogara-pass 830m, 28.5.2022, leg. EGGER.

***Anthaxia (s.str.) salicis* (FABRICIUS, 1777)**

Korçë: Korce SE, Boboshtice - Dardhe 1550m, 25.6.2014 leg. H & R RAUSCH, coll. MÜHLE.

***Anthaxia (s.str.) semicuprea* KÜSTER, 1851**

Korçë: Dardhë NE 25.5.2018 leg. HAUTH.

***Anthaxia (s.str.) senicula* (SCHRANK, 1789)**

Vlora: Butrint (Saranda) 24.5.2018 BAEUERLE (photograph taken).

Remarks: In older publications this species was reported under the synonyms *aurulenta* FABRICIUS, 1787 or *deaurata* GMELIN, 1790.



Anthaxia senicula (SCHRANK, 1789), Photo by H.J. BAEUERLE.

***Anthaxia (s.str.) thalassophila pseudokervillei* NIEHUIS, 1990**

Lezhë: 3 km NE Kurbnesh 10.6.2018 leg. NÉMETH, SZÉNÁSI, coll. NHMB.

***Anthaxia (Cratomerus) diadema* (FISCHER VON WALDHEIM, 1824)**

Remarks: SAKALIAN (2000) reports on page 95: “Përmeti: Rodenji, 2-22.07.1962, 1 ex, leg. X. MURRAJ (coll. MSN¹)”. Neither mentioned by KUBÁŇ 2006 nor 2016.

***Anthaxia (Cratomerus) hungarica* (SCOPOLI, 1772)**

Korçë: Bamash (S Erseke) 939m, 9.5.2017, leg. MÜHLE, Drenova NP 13.6.2014, leg. SIERING; Shkodra Fushë Arrëz - Fierszë, 800-900m, 15.6.2012 leg. H & R RAUSCH, coll. MÜHLE; Gjirokastër: Tepelenë: Bence 16.5.2018, leg. EIFLER; Vlora Llogara-pass 1019m, 14.5.2017, leg. MÜHLE, Llogara-pass 840m, 21.5.2018, leg. MÜHLE, Llogara-pass 830m, 28.5.2022, leg. EGGER.

***Anthaxia (Haplanthaxia) cichorii* (OLIVIER, 1790)**

Dibra: Bulqiza, Krasta 29.5.2017, leg. EIFLER; Gjirokastra: Zemaļaj S 18.5.2018, leg. EIFLER; Tepelenë 16.5.2018, leg. EIFLER; Lezhë: Perlat 10.6.2018 SZÉNÁSI V (No.8), coll. NHMB, Buz Pass N, 900m, 10.7.2010, leg. MÜHLE.

¹ Muzeu Shkencave Natyrore, Tirana

***Anthaxia (Haplanthaxia) croesus* (VILLERS, 1789)**

Lezha: Rubik 22.5.2016, leg. EIFLER.

Remarks: SAKALIAN (2000) reports on page 95: "Prov. Saranda: Lukova, 5.06.1995, 1 ex, det. S. Bílý (coll. IZ²)". Neither mentioned by KUBÁŇ 2006 nor 2016.

***Anthaxia (Haplanthaxia) hypomelaena* (ILLIGER, 1803)**

Gjirokastra: Zemaľaj S 18.5.2018, leg. EIFLER.

***Anthaxia (Haplanthaxia) kiesenwetteri* MARSEUL, 1865**

Lezhë Mamuras, leg. Mader, coll. NHMB.

Remarks: New record for Albania.

***Anthaxia (Haplanthaxia) laticeps* ABEILLE DE PERRIN, 1900**

Gjirokaštër Tepelenë 3.6.2017, leg. HENGSMITH.

Remarks: New record for Albania.

***Anthaxia (Haplanthaxia) millefolii* (sensu FABRICIUS, 1801)**

Berat: Bargullas 1 km NE, Mt.Tomorr 9.6.2018 NÉMETH, SZÉNÁSI V (No.6), coll. NHMB; Elbasan: Banje 11.6.2017, leg. EIFLER, Bardhe (mountain) 10.6.2017, leg. HENGSMITH; Gjirokaštër: S Zemaľaj S 18.5.2018, leg. EIFLER, Përmet 5.6.2017, leg. EIFLER, Ballaban 10.7.2010, leg. MÜHLE, Tepelenë 4.6.2016, leg. EIFLER, Tepelenë Buz, Pass N 10.7.2010, leg. MÜHLE, Konckë, 10 km NW Poliçan 9.7.2010, leg. MÜHLE; Korçë: 5 km W Dardhë 13.7.2010, leg. MÜHLE; Lezhë: 2,5 km NE Ndreaj 10.6.2018 leg. NÉMETH, SZÉNÁSI coll. NHMB; Sarandë: Delvine 180m, 9.5.2018, leg. LÖDERBUSCH; Skrapar: 10 km NE Çorovodë 11.7.2010, leg. MÜHLE; Vlora: Bistrica 7.6.2016, leg. EIFLER.

Remarks: KUBÁŇ (2016) places *A. millefolii* FABRICIUS, 1801 as a synonym of *A. millefolii* HERBST, 1801 and claims that HERBSTS publication was published earlier than FABRICIUS'. Research in all German state libraries do not support this assumption. Moreover, the characteristics given by HERBST lead to *Anthaxia cichorii* OLIVIER, 1790. Especially the blue-green sheen of the abdomen underside and elytra that change from dark green to blue at the suture are characteristic for *cichorii* and do not occur in *millefolii*. The illustration in HERBSTS paper shows a female specimen of *Anthaxia cichorii*. Undoubtedly HERBST has described a synonym of *A. cichorii*. This problem needs to be resolved by the ICZN Commission. But if HERBSTS work indeed appeared earlier than FABRICIUS', FABRICIUS' *millefolii* would be a younger homonym and a new name would be required. Until there is no decision by the Commission, I will stick with the author FABRICIUS to avoid confusion.

***Anthaxia (Haplanthaxia) olympica* KIESENWETTER, 1880**

Gjirokaštër Konckë, 10 km NW Poliçan 9.7.2010, leg. MÜHLE.

***Anthaxia (Haplanthaxia) praeclara* MANNERHEIM, 1837**

Dibra: Bulqiza, Krasta 31.5.2016, leg. HENGSMITH; 29.5.2017, leg. EIFLER; Shkodra: Fushë Arrëz - Fierszë, 800-900m, 15.6.2012 leg. H & R RAUSCH, coll. MÜHLE.

***Anthaxia (Haplanthaxia) umbellatarum* (FABRICIUS, 1787)**

Lezha: Kurbin Lac, Kisha e Lacit 16.4.2014 NÉMETH, coll. NHMB.

***Anthaxia (Melanthaxia) frankenbergeri* OBENBERGER, 1933**

Korçë: Drenova, NP Drenova 1120-1320m, 30.6.2016 leg. H & R RAUSCH, coll. MÜHLE; Vlora: Llogara-pass 1019m, 14.5.2017, leg. MÜHLE, Llogara-pass 840m, 21.5.2018, leg. MÜHLE, Dhermi, Llogara-pass 22.5.2018 leg. HAUTH, Maja Qores 950-1500m, 5.6.2022, leg. EGGER.

Remarks: KUBÁŇ (2016) reports this species from AL BH BU CR GR. During that time *Anthaxia muehle* NIEHUIS, 1983 was thought to be a synonym to *A. frankenbergeri*. This assumption was based on a single specimen, OBENBERGERS holotype that was collected by himself on the Mosor planina, Dalmatia

² Institute of Zoology Scientific Funds, Sofia

(Croatia). 2017 more specimens of *A. frankenbergeri* were collected in Albania by BÍLÝ (in litt.) and MÜHLE. This allowed comparing a series of *A. frankenbergeri* with *muehlei*, males and females. OBENBERGER (1933) was right, when he speaks of clear and relatively long elytral hairs, adding that the nominate form (*Anthaxia submontana* = *godeti*) is glabrous. However, this also applies to *A. muehlei*. The characteristics listed below allow the two species to be separated.

character	<i>frankenbergeri</i>	<i>muehlei</i>
Pronotum	middle part of the sides more ore less straight, not evenly rounded, deeply impressed near the apical corner	sides evenly rounded, impressed flat next to the apical corners
Elytrae	clearly visible hairs that have a distance between them the length of a hair	clearly visible hairs that almost touch each other and do not have a distance of the length of a hair



Anthaxia frankenbergeri:
above: Pronotum, below: Elytra.

Anthaxia muehlei:
above: Pronotum, below: Elytra.

Besides the differences in morphological characters *A. frankenbergeri* and *muehlei* have a different biology. The host-plants are still unknown, probably conifers, but *A. frankenbergeri* is found in Croatia and Albania from mid-May to early June, while *muehlei*, is found in Greece as well as in Bulgaria and Albania from mid-July to mid-August. Both species occur at an altitude from 800 to 1500m, in a vegetation zone which is characterized by mixed coniferous stands with some broadleaved trees and bushes.

There were no reports of *Anthaxia frankenbergeri* in Albania or Bosnia-Herzegovina, neither in the older nor in the more recent literature. To list previously unpublished findings as evidence of distribution for a country in a catalogue is beyond any control and should not be accepted.

Distribution, other than in KUBÁŇ (2016), Albania and Croatia only.

KUBÁŇ (2016) resurrects *Anthaxia frankenbergeri* with the following explanation:

“*Anthaxia (Melanthaxia) frankenbergeri* OBENBERGER, 1933, **resurrected** from synonymy with *A. (M.) godeti* GORY & LAPORTE, 1839; based on the original description and extensive material of *A. (M.) godeti* and on study of the type and extensive recent material of *A. (M.) frankenbergeri* from the Balkans. *Anthaxia quadripunctata godeti* var. *frankenbergeri* OBENBERGER 1914 is infrasubspecific. *Anthaxia submontana* var. *frankenbergeri* OBENBERGER 1933 was made available by subsequent usage as valid subspecies by OBENBERGER (1938). Thus, the correct authorships and data for *A. (M.) frankenbergeri* are OBENBERGER 1933b: 115, and not OBENBERGER 1914b: 14.”

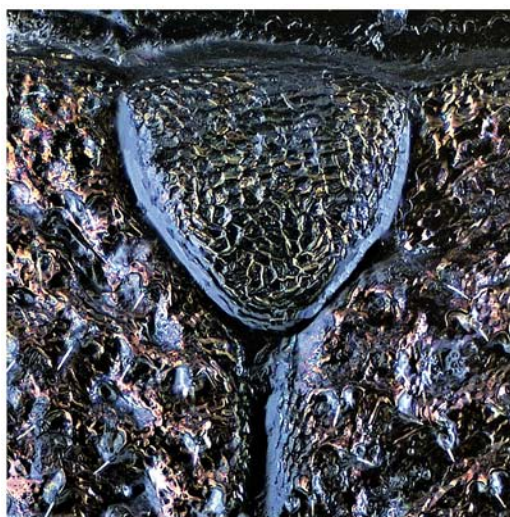
9. *Anthaxia 4-punctata* v. *Frankenbergeri* m. n. v.

Es ist eine Varietät, die zur Subspecies *Godeti* L ap. gehört. Der Halsschild ist gewölbt, die Flügeldecken dagegen sehr flach, die Seiten des Halsschildes sind vollkommen abgerundet; die Färbung ist olivengrau.

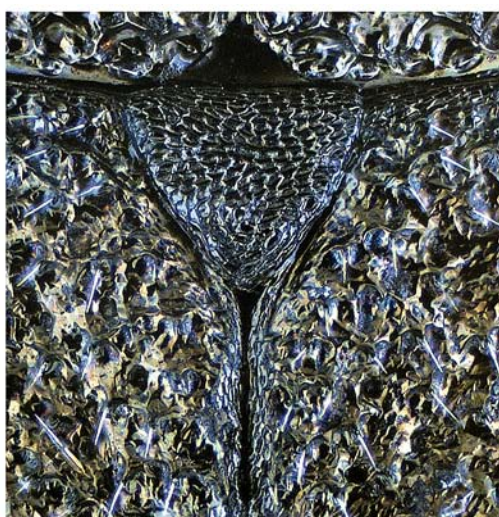
Dinara planina in Dalmatien. Von mir auf einer heurigen Reise gesammelt und meinem lieben Reisegegnossen, Konchyliologen MUC. Zdeněk Frankenberger in Prag, freundlichst gewidmet.

In einer Höhe von 1500 m gesammelt.

var. Frankenbergeri Obenberger, Col. Rundschau III. 1914 p. 14. — Hab.: Dalmatie: Mosor-planina. Pas encore constaté en Bulgarie. — Observ.: Caractérisé surtout par pubescence très nette et relativement longue des élytres. L'espèce typique est glabre.



Anthaxia (Melanthaxia) frankenbergeri: Scutellum.



Anthaxia (Melanthaxia) muehlei: Scutellum.



Anthaxia frankenbergeri



Anthaxia muehlelei

***Anthaxia (Melanthaxia) godeti* GORY & LAPORTE, 1839**

Korçë: NE Dardhë 1380m, 24.5.2018 leg. HAUTH, 25.5.2018, leg. MÜHLE; Shkodra: Fushë Arrëz - Fierszë, 800-900m, 15.6.2012 leg. H & R RAUSCH, coll. MÜHLE; Vlora: Llogara-pass 840m, 21.5.2018 leg. MÜHLE, Dhermi, LLogara-pass 22.5.2018, leg. HAUTH.

***Anthaxia (Melanthaxia) istriana* ROSENHAUER, 1847**

Dibra: Bulqiza, Krasta 31.5.2016, leg. EIFLER; Gjirokastrë: Përmet 240m, 25.4.2017, leg. LÖDERBUSCH; Korçë: Dardhë NE 1380m, 25.5.2018, leg. MÜHLE, 3 KM W Leskovik (Kolonja) 700m, 26.4.2017, leg. LÖDERBUSCH; Lezha: Gjeggjan 8 km S 21.5.2016, leg. EIFLER; Tirana: Ibe e Poshtume 190m, 28.4.2017, leg. LÖDERBUSCH; Vlora: Maja Qores 950-1500m, 5.6.2022, leg. EGGER.

***Anthaxia (Melanthaxia) muehlelei* NIEHUIS, 1983 stat resurr.**

Korçë: Dardhë 1400m, 15.7.2017 leg. LÖDERBUSCH.

Remarks: see *A. frankenbergeri*. Distribution, other than in KUBÁŇ (2016) Albania, Bulgaria, Greece.

***Anthaxia (Melanthaxia) nigrojubata incognita* BÍLÝ, 1974**

Korçë: Dardhë NE 1380m, 24.5.2018 leg. HAUTH, 25.5.2018, leg. MÜHLE, Korce SE, Boboshtice - Dardhe 1550m, 25.6.2014 leg. H & R RAUSCH, coll. MÜHLE; Shkodra: Fushë Arrëz - Fierszë, 800-900m, 15.6.2012 leg. H & R RAUSCH, coll. MÜHLE; Vlora: Llogara-pass 840m, 20.5.2018, leg. MÜHLE, 21.-25.5.2018 leg. HAUTH, 28.5.2022 830m, leg. EGGER; Kajala e Tomorit: Tomor mts. 20.5.2004 HARMOS & MORÁNYI, coll. NHMB.

***Anthaxia (Melanthaxia) quadripunctata* (LINNAEUS, 1758)**

Korçë: Boboshtice 3 km SE 1034m 22.4.2017, leg. MÜHLE.

***Anthaxia (Melanthaxia) sturanyi* OBENBERGER, 1914**

Kolonja: Sanjollas 1 km SE 950m, 26.4.2017, leg. LÖDERBUSCH.

***Anthaxia (Melanthaxia) tenella* KIESENWETTER, 1858**

Korçë: Dardhë NE 1380m, 25.5.2018, leg. MÜHLE; Vlora: Dukat W 21.4.2018, leg. MÜHLE, Llogara-pass 840m, 21.5.2018, leg. MÜHLE, 21.-25.5.2018 leg. HAUTH, 28.5.2022 830m, leg. EGGER.

Remarks: New record for Albania.

***Anthaxia (Melanthaxia) thessalica* BRANDL, 1981**

Korçë: Boboshtice 3 km SE 1034m 22.4.2017 leg. VON BRESSENSDORF, Dardhë NE 1380m, 24.5.2018 leg. HAUTH, 25.5.2018, leg. MÜHLE; Shkodra: Gjegjan 21.5.2016, leg. HENGSMITH; Vlora: Dhermi, Llogara-pass 22.5.2018, leg. HAUTH, Llogara-pass 1019m, 14.5.2017, 20.5.2018, leg. MÜHLE, 28.5.2022 830m, leg. EGGER, Maja Qores 950-1500m, 5.6.2022, leg. EGGER.

***Buprestis dalmatina* MANNERHEIM, 1837**

Delvinë: 3 km E Delvinë 8.7.2010, leg. MÜHLE; Elbasan: Elbasan-Kastra Park 31.5.2016, leg. HENGSMITH.

***Capnodis cariosa* (PALLAS, 1776)**

Berat: Berat (Kalaja) 210m, 12.7.2017, leg. LÖDERBUSCH.

***Capnodis porosa* (KLUG, 1829)**

Durrës: Durrës IX 1993 leg. FISCHER, coll. REUTER; Shkoder: 10 km W Shkoder (Shiroke) 28m 18.4.2017 leg. VON BRESSENSDORF.

***Capnodis tenebricosa* (OLIVIER, 1790)**

Gjirokastrë: Antigonea 200m, 5.5.2018, leg. LÖDERBUSCH, Dukaj 9.6.2017, leg. EIFLER; Korçë: Prespa NP, 3 km S exit to Liqenas 1000m, 27.6.2013, leg. SIERING; Prespa NP, Kalamas 27.5.2013 leg. SIERING; Prespa NP, between Diellas and Gollomboc 20.6.2014, leg. SIERING.

***Capnodis tenebrionis* (LINNAEUS, 1761)**

Gjirokastrë: Gjirrokastër (castle) 345m 24.4.2017, leg. LÖDERBUSCH, Konckë, 10 km NW Poliçan 9.7.2010, leg. MÜHLE; Korçë: 6 km SE Librazdh, Shkumbin valley 6.6.2014, leg. SIERING; Prespa NP, Goricë e Vogël 20.5.2014, leg. SIERING; Lezha: Blinisht 23.5.2016, leg. EIFLER; Pogradec: 8 km E Përrenias 900m, 18.7.2011, leg. ECKWEILER, coll. MÜHLE.

Remarks: KUBÁŇ (2016) cites the correct page but the wrong year of the species description: 1760 instead of 1761.

***Chalcophora intermedia* (REY, 1890)**

Dibra: Krasta Park (Bulquiza) 29. and 31.5.2017, leg. EIFLER; Elbasan: Labinot 30.5.2016, leg. EIFLER; Lezhë: 3 km E Kurbesh 11.6.2018 leg. NÉMETH, SZÉNÁSI, coll. NHMB; Vlora: Dhermi, Llogara-pass 22.5.2018, leg. HAUTH.

***Chalcophora mariana* (LINNAEUS, 1758)**

Vlora: Llogara pass 1000m, 5.6.2016, leg. SIERING.

***Chalcophorella stigmatica* (DALMAN, 1817)**

Gjirokastrë: Memaliaj 6.6.2017, leg. HENGSMITH; Përmet 5.6.2017, leg. EIFLER; Tepelenë 4.6.2016, leg. EIFLER; N Buz pass, 900m, 10.7.2010, leg. MÜHLE.

***Chrysobothris affinis* (FABRICIUS, 1794)**

Lezha: 8 km S Gjegjan 21.5.2016, leg. EIFLER.

***Coraebus elatus* (FABRICIUS, 1787)**

Berat: 1 km NE Bargullas, Mt.Tomorr 9.6.2018 leg. NÉMETH, SZÉNÁSI, coll. NHMB; Elbasan: Peqin 30.5.2017, leg. EIFLER; Gjirokastrë: Tepelenë 3.6.2017, leg. EIFLER; Korçë: Drenova, NP Drenova 1120-1320m, 30.6.2016 leg. H & R RAUSCH, coll. MÜHLE; Korçë: SE Korce, Boboshtice - Dardhe 1550m, 25.6.2014 leg. H & R RAUSCH, coll. MÜHLE; Prespa NP, near Gollomboc 18.6.2014, leg. SIERING; Prespa NP, between Diellas and Gollomboc 20.6.2014, leg. SIERING; Lezha: Fierze 22.5.2016, leg. EIFLER; 8 km S Gjegjan 21.5.2016, leg. EIFLER; Pogradec: 8 km E Përrenjas 12.7.2010, leg. MÜHLE.

***Coraebus rubi* (LINNAEUS, 1767)**

Elbasan: Cerrik 29.5.2016, leg. EIFLER; Gjirokastër: Përmet 5.6.2017, leg. EIFLER; Pogradec: 8 km E Përrenjas 12.7.2010, leg. MÜHLE; Sarande: Mesopotam 30m, 7.5.2018, leg. LÖDERBUSCH; Tepelenë: 3 km NW Qesarat 110m, 17.5.2018, leg. MÜHLE; Vlora: Oricum E 29.5.2014, leg. SIERING; Tragjas 29.5.2014, leg. SIERING.

***Dicerca aenea* (LINNAEUS, 1761)**

Gjirokastër: Tepelenë 3.6.2017, leg. HENGSMITH; Tepelenë, Dragot 2.6.2017, leg. EIFLER.

Remarks: KUBÁŇ (2016) cites the correct page but the wrong year of the species description: 1760 instead of 1761.

***Dicercaalni* (FISCHER VON WALDHEIM, 1824)**

Dibra: Shoshaj, E Burrel 200m, 14.6.2012 leg. H & R RAUSCH, coll. MÜHLE; Lezha: 8 km S Gjegjan 21.5.2016, leg. EIFLER; Rreshen (Mirdita) 22.5.2016, leg. EIFLER; Rubik, along the river 19.5.2016, leg. HENGSMITH.

***Dicerca berolinensis* (HERBST, 1779)**

Kukes: Mali i Shentit 24.6.2014 leg. ANGYAI, FEHÉR, GREGOR, coll. NHMB.

***Eurythyrea aurata* (PALLAS, 1776)**

Gjirokastër: Tepelenë 3.6.2017, leg. HENGSMITH; Tepelenë, Dragot 2.6.2017, leg. EIFLER.

***Lamprodila (Scintillatrix) mirifica* (MULSANT, 1855)**

Tepelenë: Memaliaj 2 km NW 137m, 17.5.2018 leg. MÜHLE, coll. EIFLER.

***Perotis lugubris* (FABRICIUS, 1777)**

Remarks: In the publication of STRINIĆI LAÇEJ et al. (2012) this species is mentioned for North Albania, but without a locality.

***Meliboeus (Meliboeoides) parvulus* KÜSTER, 1852**

Delvinë: 10 km E Delvinë 8.7.2010, leg. MÜHLE; Gjirokastër: Antigonea 200m, 6.5.2018, leg. LÖDERBUSCH, Lazarat 8.6.2017, leg. EIFLER; 3 km N Jorgucat (Grapsh) (Dropull) 220m, 12.5.2017, leg. MÜHLE; Korçë: Bamash (S Erseke) 939m, 9.5.2017, leg. MÜHLE; Prespa NP, near Gollomboc 18.6.2014, leg. SIERING; Prespa NP, between Diellas and Gollomboc 20.6.2014, leg. SIERING; Tepelenë: 8 km SE Tepelenë 18.5.2018, leg. MÜHLE; Bence 16.5.2018, leg. EIFLER.

***Phaenops cyanea* (FABRICIUS, 1775)**

Lezhë: 3 km NE Kurbnesh 10. and 11.6.2018 leg. NÉMETH, SZÉNÁSI, coll. NHMB.

***Phaenops knoteki* REITTER, 1898**

Vlora: Llogara-pass 840m, 21.5.2018, leg. MÜHLE.

Remarks: New record for Albania. Reared from *Abies borisii-regis*.

***Ptosima undecimmaculata* (HERBST, 1784)**

Korçë: Prespa NP, Goricë e Vogël 2.5.2014, leg. SIERING; Malla-Kastër: 4 km W Klos 29m, 19.5.2018, leg. MÜHLE; Shkodra: Fushë Arrëz – Fierszë 800-900m, 15.6.2012 leg. H & R RAUSCH, coll. MÜHLE; Tepelenë: 2 km NW Memaliaj 137m, 17.5.2018 leg. MÜHLE, coll. J. HOFMANN.

***Sphenoptera (Deudora) rauca* (FABRICIUS, 1787)**

Berat: Berat (castle) 200m, 30.4.2018, leg. LÖDERBUSCH; Gjirokastër: Antigonea 200m, 30.4.2018, leg. LÖDERBUSCH, Tepelenë 140m, 10.5.2018, leg. LÖDERBUSCH, 8 km SE Tepelenë 18.5.2018, leg. EIFLER, HENGSMITH, MÜHLE.

***Trachypteris picta decostigma* (FABRICIUS, 1787)**

Elbasan: 9 km E Elbasan 24.5.2018, leg. MÜHLE, HAUTH; Gjirokastër: Përmet 5.6.2017, leg. EIFLER, Tepelenë 4.6.2016, leg. EIFLER; Lezha: Rreshen (Mirdita) 22.5.2016, leg. EIFLER.

***Trachys minutus* (LINNAEUS, 1758)**

Dibra: Bulqiza, Tuçep, 1.5 km N Ostreni i Vogël 700m, 14.4.2014 leg. FEHÉR, MIZSEL, NÉMETH, coll. NHMB; Elbasan: Banje 11.6.2017, leg. EIFLER, 9 km E Elbasan 24.5.2018, leg. MÜHLE.

New country records

Acmaeoderella (s.str.) *jonica* VOLKOVITSH, 1989

Cyprus: Larnaka: Oroklini, 8.6.2010, leg. HEISE, det. VOLKOVITSH.

Remarks: New record for Cyprus.

Dicerca chlorostigma MANNERHEIM, 1837

Iran: Gilan: Pounel 96m, 8.5.2017, leg. MÜLLER.

Remarks: New record for Iran.

Anthaxia (s.str.) *dimidiata* (THUNBERG, 1789)

Switzerland: Ticino: Rovio, 4.7.1983, leg. HENGSMITH.

Remarks: New record for Switzerland.

Anthaxia (s.str.) *truncata* ABEILLE DE PERRIN, 1900

Lebanon: Gilan: Pounel 96m, 8.5.2017, leg. MÜLLER.

Remarks: New record for Lebanon.

Anthaxia (*Melanthaxia*) *espanoli* COBOS, 1954

Portugal: Coimbra: Galizes (N 17), E Coimbra, 8.5.2022, leg. HEISE.

Remarks: New record for Portugal.

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Zusammenfassung

Um das Wissen über die Buprestidae Albaniens zu aktualisieren, werden mehrere neue Fundort- und Landesnachweise gemeldet, und es werden Fragen zu den neuesten Nachweisen für Albanien im aktualisierten Katalog der paläarktischen Coleoptera (KUBÁŇ 2016) diskutiert. *Anthaxia muehle* NIEHUIS, 1982 **spec. resurr.** wird aus der Synonymie mit *Anthaxia frankenbergeri* OBENBERGER, 1934 zurückgenommen. Zusätzlich werden Erstnachweise von Buprestiden anderer Mittelmeerländer vorgestellt.

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