

**OTIORHYNCHINI (COLEOPTERA: CURCULIONIDAE, ENTIMINAE)
IN THE COLLECTION OF THE NATIONAL MUSEUM OF BOSNIA AND HERZEGOVINA**

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Abstract — This paper gives a detailed survey of the state of the tribe Otiiorhynchini in the collection of the National Museum of Bosnia and Herzegovina as of the year 2006. The list of taxa is compiled according to the contemporary classification accepted in Europe. The survey of types of certain taxa and the locus classicus of each constitutes the most important part of this list.

Key words: Curculionidae, Otiiorhynchini, Apfelbeck's collection, National Museum of Bosnia and Herzegovina, types

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INTRODUCTION

The founding of the entomological collection in Sarajevo is connected with the name of Viktor Apfelbeck, who devoted all his work to collecting and researching of insects, primarily from Bosnia and Herzegovina, but also from other Balkan countries that he visited on research expeditions.

Apfelbeck began research on the entomofauna of Bosnia and Herzegovina in the year 1887. Appointed Curator of Entomology at the National Museum of Bosnia and Herzegovina in 1889, he was initially interested in several insect orders, but later confined himself to the order Coleoptera, especially the families Carabidae, Curculionidae and Silphidae (Popović, 1934). His first expedition outside of Bosnia and Herzegovina was to Bulgaria in 1892. The period between 1900 and 1917 years was characterized by especially intensive research on the entomofauna of other Balkan countries. At that time, he visited Turkey, Greece, Macedonia, and Montenegro on two expeditions that yielded a rich and heterogeneous harvest of insects for the Museum's collection. Apfelbeck's collection is estimated to contain around 500,000 specimens. Of special value are around 500 types, mostly

beetles (Kotrošan, 2002; Sijarić, 1988). Most of Apfelbeck's data, in particular the descriptions of new and type taxa, were published in the Museum's organs ("Glasnik Zemaljskog muzeja" and "Wissenschaftliche Mitteilungen des bosnische-herzegowinischen Landesmuseums"). Apart from them, he also published a number of important papers in some Austrian, German, French, Swiss, Hungarian, and Croatian journals (Apfelbeck, 1923).

The genus *Carabus* is the only thoroughly researched genus among this type material (Martino, 1946). The rest of the type material has been only partially examined, primarily in separate issues dealing with types in the Museum's collections (Mikšić et al., 1984).

One of the groups of insects that Apfelbeck studied especially intensively was the tribe Otiiorhynchini. This tribe belongs to the subfamily Entiminae (weevils with a short snout), family Curculionidae, superfamily Curculionoidea, order Coleoptera, class Insecta, subphylum Hexapoda, and phylum Arthropoda. In the course of his research, Apfelbeck collected extensive material, on whose basis he described numerous new taxa from this

tribe (Apfelbeck, 1889, 1894a, 1894b, 1894c, 1894d, 1895a, 1895b, 1896, 1897, 1898, 1902, 1905, 1906, 1907, 1908, 1911, 1912, 1913, 1917, 1918a, 1918b, 1918c, 1920, 1921, and 1922). Only a part of this material has been previously cataloged, although elaboration of some of the types in zoological collections was done more than two decades ago (Sijarić, 1984).

Since this collection has served numerous entomologists and because it (together with other collections of the National Museum of Bosnia and Herzegovina) has suffered certain misfortunes, the main objectives of the present paper were to determine the real current state of the part with snout-beetles from the tribe Otiornychini, revise the position of the lower taxa, and bring them into accordance with modern systematics. Particular emphasis here is given to the type material, which has extraordinary scientific value. The scientific world will thereby gain access to a real treasury of Balkan material, especially the type material from the tribe Otiornychini, which is of immense importance because the Balkan Peninsula is one of the "hot-spots" of biodiversity in Europe (Radović et al., 1995).

MATERIALS AND METHODS

The paper is based on:

- Examination of material from the tribe Otiornychini preserved in the entomological repository or displayed in the exhibition of invertebrates in the National Museum of Bosnia and Herzegovina; and
- Comparison with data about the collection from reliable documents of the Museum: catalogs, inventory books, the above-mentioned work of Sijarić (1984), and papers of Viktor Apfelbeck.

The order and designation of taxa are in accordance with contemporary systematics of the weevils (Alonso-Zarazaga and Lyal, 1999; Alonso-Zarazaga, 2005). Table 1 gives a detailed list of species with their systematic position and the place of collection, number of specimens, designation of types and *locus classicus* information. The comments

on some taxa that do not exist in the latest European classification of snout-beetles rely on catalogs of Apfelbeck's contemporaries from the beginning of the 20th century (Heyden et al., 1906; Winkler, 1924-1932) because they contain data for a wider (outside of Europe) geographic region (this applies mostly to species from Asia Minor).

RESULTS AND DISCUSSION

Despite damage and difficulties of preservation (Kotrošan and Lelo, 2004), the entomology collection, especially the part that refers to the tribe Otiornychini, is in relatively good condition.

Comparison between information from reliable sources (catalogs, inventories, elaborations) and the current situation revealed a number of disagreements. To be specific, more specimens of some species are present than are registered in the Museum's catalog (for example, this applies to the species *plumipes*, *spalatrensis*, *elegantulus*, and others), mostly as a result of non-registration of specimens on exhibit in the catalogs. On the other hand, a shortage of specimens of some species (*marmota*, *equestris*, *prolongatus*, and others) was also recorded. At the same time, although proper documentation is lacking, "cards" in the boxes indicate the absence of material (for example, specimens of the species *geniculatus*, *pulverulentus*, *ligustici*, and others) loaned to Željko Kovačević about three and half decades ago for preparation of his publication on species of the genus *Otiornychus* in Yugoslavia (Kovačević, 1971), but still not returned to the Museum.

Comparison of the current state with the data presented in the elaboration from 1984 also indicates certain disagreements in the number of specimens and information about "types". A total of 5039 specimens of snout-beetles from the tribe Otiornychini are listed in that elaboration, in whose "Introduction" it is stated that the collection contains 211 "type" specimens (44 holotypes, 12 allotypes, 143 paratypes, 11 syntypes, and one lectotype) pertaining to 50 taxa. For nine taxa (the species *plumipes*, *virginalis*, *socius*, *molytides*, *cerigonicus*, *njegusensis*, *splendidus*, *vranicensis*, and *tanycerus*), "type" mate-

Table 1. Review of the collection of Otiiorhynchini in the entomology collection of the National Museum of Bosnia and Herzegovina in 2006. Abbreviations: H – Holotype, A – Alotype, S – Syntype, P – Paratype, L – Lectotype, AL (Albania), BA (Bosnia and Herzegovina), BG (Bulgaria), CG (Montenegro), GR (Greece), HR (Croatia), MK (Macedonia), SR (Serbia), SL (Slovenia).

| | Taxa | Drawer | Number of specimens | Types | Locus classicus |
|-----|---|--------|---------------------|--|---|
| | <i>Cirrorhynchus</i> Germar, 1822 | | | | |
| 1 | <i>argenteus</i> (Stierlin, 1861) | 36 | 13 | | |
| 2 | <i>babensis</i> (Apfelbeck, 1895) | 36 | 2 | 1H+1A | Baba pl. (BA) |
| 3 | <i>bellicomus</i> Reitter, 1902 | 36 | 22 | | |
| 4 | <i>capricornis</i> (Apfelbeck, 1898) | 36 | 2 | 1H+1A | Bastaši-Troglav pl. (BA) |
| 5 | <i>cribrosus</i> (Germar, 1817) | 36 | 35 | 1H+4 P (<i>melanopus</i>) | Kapela pl. (HR) |
| 5a | <i>cribrosus mughus</i> (Apfelbeck 1919) | 36 | 17 | 1H (<i>mughi</i>) | Matorog (BA) |
| 5b | <i>cribrosus winneguthi</i> (Apfelbeck, 1907) | 36 | 18 | 1H+17P (<i>winneguthi</i>) | Munela pl. (AL) |
| 6 | <i>crinipes</i> (Miller, 1863) | 36 | 31 | | |
| 7 | <i>niveopictus</i> (Apfelbeck, 1889) | 36 | 61 | 1H+1A | Igman pl. (BA) |
| | <i>niveopictus</i> (Apfelbeck, 1889) | 36 | 1 | 1 (unknown H, A, S or P) | Vranica pl. (BA) |
| 8 | <i>pinivorus</i> (Apfelbeck, 1919) | 36 | 9 | 2S+5P | Velež pl. i Baba pl. (BA) |
| 9 | <i>plumipes</i> (Germar, 1817) | 36 | 36 | 1 (unknown H, A, S or P) | Kranjska (SL) |
| 10 | <i>sarajevensis</i> (Apfelbeck, 1889) | 36 | 61 | 1H+8P | Igman pl. (BA) |
| 11 | <i>vastus</i> (Apfelbeck, 1894) | 36 | 21 | | |
| | <i>Dodecastichus</i> Stierlin, 1861 | | | | |
| 12 | <i>atripes</i> (Apfelbeck, 1918) | 34 | 10 | 1H+1A | Žljeb pl. (BA) |
| 13 | <i>aurosignatus</i> (Apfelbeck, 1889) | 35 | 129 | | |
| 14 | <i>brevipes</i> (Apfelbeck, 1894) | 34 | 39 | | |
| 15 | <i>consentaneus</i> (Boheman, 1843) | 35 | 110 | | |
| 16 | <i>corallipes</i> (Stierlin, 1890) | 34 | 47 | | |
| 17 | <i>dalmatinus</i> (Gyllenhal, 1834) | 34 | 113 | | |
| 18a | <i>dolomitae crivoscianus</i> (Apfelbeck, 1895) | 35 | 6 | 1H | Hrasno (BA) |
| | <i>dolomitae crivoscianus</i> (Apfelbeck, 1895) | 35 | 4 | | |
| 18b | <i>dolomitae dryadis</i> (Apfelbeck, 1895) | 35 | 14 | 1H+1A+11P | Volujak pl. (BA) |
| 19 | <i>ephialtes</i> (Apfelbeck, 1895) | 34 | 8 | 1H+1A+1P | Troglav pl. (BA) |
| 20 | <i>geniculatus</i> (Germar, 1817) | 35 | 112 | | |
| 21 | <i>geniculatus</i> (Germar, 1817) | 35 | 28 | | |
| 22 | <i>heydeni</i> (Stierlin, 1861) | 34 | 53 | | |
| 23 | <i>inflatus</i> (Gyllenhal, 1834) | 35 | 27 | | |
| 24 | <i>mastix</i> (Olivier, 1807) | 34 | 24 | | |
| 24a | <i>mastix mastix</i> (Olivier, 1807) | 34 | 28 | 4 (unknown H, A, S or P) | Čvrstica (BA) |
| | <i>mastix mastix</i> (Olivier, 1807) | 34 | 73 | | |
| | <i>mastix mastix</i> (Olivier, 1807) | 34 | 5 | | |
| 25 | <i>obsoletus</i> (Stierlin, 1861) | 34 | 59 | 1 H (<i>viscinus</i>) + 1 (unknown H, A, S or P) | Bjelašnica (BA) – vicinus, Vranica-Matorac (BA) - <i>aethiops</i> |
| 26 | <i>obsoletus</i> (Stierlin, 1861) | 46 | 12 | 1H+2P | Vitoša pl. (BG) |
| | <i>obsoletus</i> (Stierlin, 1861) | 34 | 14 | 1H+1A + 3 P | Volujak pl. (BA) |
| 27 | <i>pulverulentus</i> Germar, 1824 | 34 | 99 | | |
| | <i>Limatogaster</i> Apfelbeck, 1898 | | | | |
| | (<i>Limatogaster</i> Apfelbeck, 1898) | | | | |
| 28 | <i>lasioscelis</i> (Reitter, 1903) | 41 | 2 | | |
| 29 | <i>nyctelius</i> (Reitter, 1903) | 41 | 17 | | |

Table 1. Continued.

| | Taxa | Drawer | Number of specimens | Types | Locus classicus |
|-----|--|--------|---------------------|-------|-----------------|
| 30 | <i>pachyscelis</i> (Stierlin, 1861) | 41 | 2 | | |
| 31 | <i>subsulcata</i> (Apfelbeck, 1918) | 41 | 4 | | |
| 32 | <i>tumidipes</i> Stierlin, 1861) | 41 | 172 | | |
| | Otiorhynchus Germar, 1822 (Otiorhynchus Germar, 1822) | | | | |
| 33 | <i>armadillo</i> (Rossi, 1792) | 39 | 6 | | |
| 34 | <i>aurifer</i> Boheman, 1843 | 39 | 5 | | |
| 35 | <i>bisulcatus</i> (Fabricius, 1781) | 39 | 81 | | |
| 35a | <i>bisulcatus bisulcatus</i> (Fabricius, 1781) | 39 | 3 | | |
| 36 | <i>cardiniger</i> (Host, 1789) | 38 | 75 | | |
| 37 | <i>coecus coecus</i> Germar, 1824 | 39 | 7 | | |
| 38 | <i>hungaricus</i> Germar, 1824 | 39 | 6 | | |
| 39 | <i>laevigatus</i> (Fabricius, 1792) | 39 | 3 | | |
| 40 | <i>metokianus</i> Apfelbeck, 1896 | 38 | 25 | | |
| 41 | <i>multipunctatus</i> (Fabricius, 1792) | 39 | 15 | | |
| 42 | <i>rhacusensis</i> Germar, 1822 | 38 | 49 | | |
| 43 | <i>spalatrensis</i> Boheman, 1843 | 38 | 56 | | |
| *44 | <i>sulphurifer</i> (Olivier, 1808) | 39 | 2 | | |
| 45 | <i>tenebricosus</i> (Herbst, 1784) (Acunotus Reitter, 1912) | 39 | 10 | | |
| 46 | <i>horridus</i> Stierlin, 1880 | 44 | 16 | | |
| 47 | <i>lutosus</i> Stierlin, 1858 (Aleutinops Reitter, 1912) | 44 | 6 | | |
| 48 | <i>elegantulus</i> Germar, 1824 (Amosilnus Reitter, 1912) | 40 | 31 | | |
| 49 | <i>lavandus</i> Germar, 1824 (Anchorrhynchus Reitter, 1914) | 40 | 8 | | |
| 50 | <i>epiroticus</i> Apfelbeck, 1901 | 44 | 2 | 1H+1A | Jannina (GR) |
| 51 | <i>excellens</i> Kirsch, 1881 | 44 | 4 | | |
| 52 | <i>schlaeflini</i> Stierlin, 1861 (Arammichnus Gozis, 1882) | 44 | 9 | | |
| 53 | <i>brunneus</i> Krynicki, 1834 | 42 | 16 | | |
| 54 | <i>cerigensis</i> Apfelbeck, 1922 | 46 | 5 | 2 H | Cerigo (GR) |
| 55 | <i>championi</i> Reitter, 1912 | 46 | 2 | | |
| 56 | <i>cribricollis</i> Gyllenhal, 1834 | 46 | 9 | | |
| 57 | <i>ferrarii</i> Miller, 1863 | 46 | 2 | | |
| 58 | <i>gravidus</i> Stierlin, 1872 | 46 | 1 | | |
| *59 | <i>judaicus</i> Stierlin, 1875 | 46 | 6 | | |
| 60 | <i>juvencus</i> Gyllenhal, 1834 | 46 | 1 | | |
| *61 | <i>latinasus</i> Reitter, 1898 | 46 | 4 | | |
| 62 | <i>mandibularis</i> W. Redtenbacher, 1842 (= <i>granulosus</i> Boheman, 1843) | 44 | 2 | | |
| 63 | <i>sulcistrotris</i> Boheman, 1843 | 46 | 2 | | |
| 64 | <i>velutinus</i> Germar, 1824 | 46 | 9 | | |
| 65 | <i>villosus</i> Stierlin, 1872 | 46 | 2 | | |

Table 1. Continued.

| | Taxa | Drawer | Number of specimens | Types | Locus classicus |
|----|--|--------|---------------------|--------------------------|------------------------|
| | (Bytosmesus Reitter, 1912) | | | | |
| 66 | <i>multicostatus</i> Stierlin, 1861 | 41 | 34 | | |
| | (Choilisanus Reitter, 1912) | | | | |
| 67 | <i>balcanicus</i> Stierlin, 1861 | 42 | 20 | | |
| 68 | <i>grandicollis</i> Boheman, 1843 | 42 | 2 | | |
| 69 | <i>pelliceus</i> Boheman, 1843 | 42 | 1 | | |
| 70 | <i>raucus</i> (Fabricius, 1777) | 42 | 12 | | |
| 71 | <i>sphaerosoma</i> Apfelbeck, 1918 | 42 | 2 | 2S | Merdita (AL) |
| | (Cryphiphoroides Magnano, 1998) | | | | |
| 72 | <i>ganglbaueri</i> Stierlin, 1888 | 46 | 21 | | |
| 73 | <i>imitator</i> Apfelbeck, 1918 | 46 | 16 | | |
| 74 | <i>mendax</i> Apfelbeck, 1918 | 46 | 7 | 1H+1A | Durmitor (CG) |
| 75 | <i>molytoides</i> Reitter, 1901 | 46 | 9 | 1 (unknown H, A, S or P) | Peristeri (MK) |
| 76 | <i>titan</i> Apfelbeck, 1907 | 46 | 1 | 1H | Oroši (AL) |
| | (Cryphiphorus Stierlin, 1883) | | | | |
| 77 | <i>ligustici</i> (Linnaeus, 1758) | 46 | 34 | | |
| | (Duphanastus Reitter, 1914) | | | | |
| 78 | <i>apfelbecki</i> Stierlin, 1887 | 40 | 12 | | |
| | (Elechranus Reitter, 1912) | | | | |
| 79 | <i>chalceus</i> Stierlin, 1861 | 42 | 2 | | |
| 80 | <i>chrysonus</i> Boheman, 1843 | 42 | 4 | | |
| 81 | <i>relictus</i> Apfelbeck, 1908 | 42 | 11 | 1H+2P | Ljuboten, Šar pl. (MK) |
| 82 | <i>remotegranulatus</i> Stierlin, 1891 | 42 | 7 | | |
| 83 | <i>splendidus</i> Reitter, 1913 | 42 | 6 | 1 (unknown H, A, S or P) | “visoki Balkan” |
| | (Ergiferanus Reitter, 1912) | | | | |
| 84 | <i>kopaonicensis</i> Apfelbeck, 1908 | 40 | 4 | 1H+1S | Kopaonik pl. (SR) |
| 85 | <i>marmota</i> Stierlin, 1861 | 40 | 2 | | |
| 86 | <i>pierinus</i> Reitter, 1914 | 40 | 7 | | |
| 87 | <i>tanycerus</i> Apfelbeck, 1922 | 44 | 2 | 2 (unknown H, A, S or P) | Požarevac (SR) |
| | (Fondajenus Reitter, 1912) | | | | |
| 88 | <i>stierlini</i> Gemminger, 1871 | 42 | 1 | | |
| | (Kreinidinus Reitter, 1912) | | | | |
| 89 | <i>planiceps</i> J. Daniel & K. Daniel, 1898 | 44 | 2 | | |
| | (Lolatismus Reitter, 1912) | | | | |
| 90 | <i>bohemanni</i> Stierlin, 1877 | 42 | 6 | | |
| | (Magnanotius Alonso-Zarazaga & Lyal, 2002) | | | | |
| 91 | <i>austriacus</i> (Fabricius, 1801) | 40 | 46 | | |
| 92 | <i>brandisi</i> Apfelbeck, 1895 | 42 | 22 | 1H+4P | Travnik (BA) |
| 93 | <i>equestris</i> (Richter, 1820) | 40 | 1 | | |
| 94 | <i>verrucipes</i> Apfelbeck, 1898 | 40 | 11 | 1H | Jenikoj (BG) |
| | (Majetnecus Reitter, 1912) | | | | |
| 95 | <i>lepidopterus</i> (Fabricius, 1794) (=salicis Ström, 1783) | 40 | 12 | | |
| | (Melasemnus Reitter, 1912) | | | | |

Table 1. Continued.

| | Taxa | Drawer | Number of specimens | Types | Locus classicus |
|-----|--|--------|---------------------|--------------------------|-----------------------------|
| 96 | <i>bisphaericus</i> Reiche, 1857 | 46 | 28 | | |
| 97 | <i>cukalensis</i> Apfelbeck, 1918 | 45 | 1 | 1H | Cukali pl. (AL) |
| 98 | <i>ovalipennis</i> Boheman, 1843 | 45 | 44 | | |
| 99 | <i>spinifer</i> J. Daniel & K. Daniel, 1902 | 45 | 2 | | |
| 100 | <i>steindachneri</i> Apfelbeck, 1907 (<i>Meriplodus</i> Reitter, 1912) | 45 | 8 | 1H | Munela pl. (AL) |
| 101 | <i>laconicus</i> Kirsch, 1880 | 46 | 6 | | |
| | <i>laconicus</i> Kirsch, 1880 (<i>Mesianomus</i> Reitter, 1912) | 46 | 1 | | |
| 102 | <i>cirrhocnemis</i> Apfelbeck, 1908 | 40 | 6 | | |
| 103 | <i>longipennis</i> Stierlin, 1861 | 40 | 14 | | |
| 104 | <i>polycoccus</i> Gyllenhal, 1843 (<i>Mierginus</i> Reitter, 1914) | 40 | 5 | | |
| 105 | <i>auricapillus</i> Germar, 1824 | 40 | 4 | | |
| 106 | <i>montivagus</i> Boheman, 1843 (<i>Misenatus</i> Reitter, 1912) | 40 | 2 | | |
| 107 | <i>lugens</i> (Germar, 1817) | 44 | 75 | | |
| 108 | <i>troianus</i> Stierlin, 1861 (<i>Mitadileus</i> Reitter, 1912) | 44 | 1 | | |
| 109 | <i>kiesenwetteri</i> Stierlin, 1861 (<i>Namertanus</i> Reitter, 1912) | 40 | 17 | | |
| 110 | <i>pauxillus</i> Rosenhauer, 1847 (<i>Necotaleus</i> Reitter, 1914) | 44 | 9 | | |
| 111 | <i>hawelkae</i> Apfelbeck, 1929 (<i>Nehrodistus</i> Reitter, 1912) | 40 | 40 | 1 (unknown H, A, S or P) | Hercegovina (BA) |
| 112 | <i>corruptor</i> (Host, 1789) | 40 | 64 | | |
| 113 | <i>graecus</i> Stierlin, 1861 | 40 | 10 | | |
| 114 | <i>obesus</i> Stierlin, 1861 | 40 | 1 | | |
| 115 | <i>populeti</i> Boheman, 1843 | 40 | 13 | | |
| 116 | <i>rhamni</i> Apfelbeck, 1895 | 40 | 3 | 1H+1P | Baba pl. kod Gackog (BA) |
| 117 | <i>scitus</i> Gyllenhal, 1843 | 40 | 16 | | |
| 118 | <i>sorbivorus</i> Reitter, 1914 | 40 | 5 | | |
| 119 | <i>turca</i> Boheman, 1843 (<i>Nihus</i> Reitter, 1912) | 40 | 2 | | |
| 120 | <i>rhiliensis</i> Stierlin, 1888 | 41 | 1 | | |
| 121 | <i>scaber</i> (Linnaeus, 1758) (<i>Otirolehus</i> Reitter, 1914) | 42 | 7 | | |
| 122 | <i>anthracinus</i> (Scopoli, 1763) | 46 | 9 | | |
| 123 | <i>etropolensis</i> Apfelbeck, 1898 | 43 | 12 | 1H | Etropol (BL) |
| 124 | <i>oligolepis</i> Apfelbeck, 1918 | 43 | 10 | 2 (unknown H, A, S or P) | Golešnica pl. – Jezero (MK) |
| 125 | <i>plagiator</i> Apfelbeck, 1918 | | 4 | | |
| 126 | <i>rambouseki</i> Apfelbeck, 1918 | 43 | 1 | 1H | Perister (MK) |
| 127 | <i>rugosogranulatus</i> Stierlin, 1888 | 43 | 26 | | |
| 128 | <i>spinidens</i> Apfelbeck, 1918 | 43 | 1 | 1H | Merdita – Munela (AL) |

Table 1. Continued.

| | Taxa | Drawer | Number of specimens | Types | Locus classicus |
|------|--|--------|---------------------|--------------------------|-------------------------|
| 129 | <i>tristis</i> (Scopoli, 1763) (Otiomimus Reitter, 1912) | 46 | 4 | | |
| 130 | <i>carcelii</i> Gyllenhal, 1843 | 42 | 22 | | |
| 131 | <i>subspinosus</i> Stierlin, 1861 (Padilehus Reitter, 1912) | 42 | 7 | | |
| 132 | <i>pinastri</i> (Herbst, 1795) (Paracryphiphorus Magnano, 1988) | 41 | 11 | | |
| 133 | <i>alutaceus</i> (Germar, 1817) | 39 | 72 | | |
| 134 | <i>bicostatus</i> Boheman, 1843 | 46 | 22 | | |
| 135 | <i>cirrorrhynchoides</i> Reitter, 1912 | 46 | 3 | | |
| 136 | <i>emiliae</i> Apfelbeck, 1889 | 45 | 27 | 1H+1A+4 P | Vrelo Bosne (BA) |
| 137 | <i>gemellatus</i> Stierlin, 1875 | 45 | 27 | 1 (unknown H, A, S or P) | Pelopones (GR) |
| 138 | <i>liophloeoides</i> Apfelbeck, 1889 | 45 | 2 | | |
| 139 | <i>luteus</i> Stierlin, 1862 | 46 | 3 | | |
| 140 | <i>modestus</i> Stierlin, 1875 | 45 | 1 | | |
| 141 | <i>nuncius</i> Faust, 1890 | 45 | 7 | | |
| 142 | <i>orbicularis</i> (Herbst, 1795) | 45 | 17 | | |
| 143 | <i>petrensis gyriticollis</i> Stierlin, 1861 | 45 | 38 | 2 (unknown H, A, S or P) | Nevesinje i Mostar (BA) |
| 144 | <i>picimanus</i> Stierlin, 1861 | 45 | 32 | | |
| 145 | <i>strumosus</i> Heller, 1897 (Pendragon Gozis, 1885) | 45 | 18 | | |
| 146 | <i>desertus</i> Rosenhauer, 1847 | 45 | 19 | | |
| 147 | <i>ovatus</i> (Linnaeus, 1758) | 45 | 43 | | |
| 147a | <i>ovatus glacialis</i> Apfelbeck, 1898 | 45 | 1 | 1 (unknown H, A, S or P) | Treskavica pl. (BA) |
| 148 | <i>serdicanus</i> Apfelbeck, 1922 | 45 | 1 | 1H | Demir Kapija (MK) |
| 149 | <i>subellipticus</i> Apfelbeck, 1922 (Phalantorrhynchus Reitter, 1912) | 45 | 2 | 2S | Vranica pl. (BA) |
| 150 | <i>blanchardi</i> Apfelbeck, 1896 | 41 | 7 | 1 H | Baba pl. (BA) |
| 151 | <i>morio</i> (Fabricius, 1781) | 39 | 4 | | |
| 152 | <i>politus</i> Gyllenhal, 1834 | 41 | 59 | | |
| 153 | <i>praecellens</i> Stierlin, 1886 | 41 | 2 | | |
| 154 | <i>praecellens bosnarum</i> Csiki, 1906 (Pirostovedus Reitter, 1912) | 41 | 82 | | |
| 155 | <i>bosnicus</i> Stierlin, 1868 (Pocodalemes Reitter, 1912) | 43 | 73 | | |
| 156 | <i>crataegi</i> Germar, 1824 | 44 | 23 | | |
| 157 | <i>deformis</i> Stierlin, 1880 (Podonebistus Reitter, 1912) | 44 | 3 | | |
| 158 | <i>jovis</i> Miller, 1862 | 44 | 9 | | |
| 159 | <i>prolongatus</i> Stierlin, 1861 (Podoropelmus Reitter, 1912) | 44 | 9 | | |
| 160 | <i>albidus</i> Stierlin, 1861 | 44 | 6 | | |
| 161 | <i>fullo</i> (Schränk, 1781) | 44 | 9 | | |
| 162 | <i>juglandis</i> Apfelbeck, 1896 | 44 | 9 | 1H+1P | Uvac (BA) |
| 163 | <i>scopularis</i> Hochhuth, 1847 (Postaremus Reitter, 1912) | 44 | 11 | | |

Table 1. Continued.

| | Taxa | Drawer | Number of specimens | Types | Locus classicus |
|------|---|--------|---------------------|--------------------------|-------------------------|
| 164 | <i>dinaricus</i> Apfelbeck, 1898 (Postupatus Reitter, 1912) | 41 | 1 | 1H | Gnjat pl. (BA) |
| 165 | <i>brusinae</i> Stierlin, 1888 (Prilisvanus Reitter, 1912) | 43 | 5 | | |
| 166 | <i>albanicus</i> Apfelbeck 1907 | 43 | 25 | 1H+1A+1P | Merdita (AL) |
| 167 | <i>cymophanus</i> Germar, 1839 | 43 | 30 | | |
| 168 | <i>demirkapensis</i> Apfelbeck, 1898 | 43 | 12 | | |
| 169 | <i>dives</i> Germar, 1839 | 43 | 18 | | |
| 170 | <i>fussi</i> Küster, 1859 | 43 | 9 | | |
| 171 | <i>gemmatus</i> (Scopoli, 1763) | 43 | 34 | | |
| 172 | <i>longiventris</i> Küster, 1859 | 43 | 16 | | |
| 173 | <i>malissorum</i> Apfelbeck, 1918 | 43 | 13 | 1H+1A | Žljeb i Prokletije (CG) |
| 174 | <i>peregrinus</i> Stierlin, 1861 | 43 | 4 | | |
| 175 | <i>rugosus krattereri</i> Boheman, 1843 (Prodeminus Reitter, 1912) | 43 | 5 | | |
| 176 | <i>maxillosus</i> Gyllenhal, 1834 (Proremus Reitter, 1912) | 44 | 16 | | |
| 177 | <i>coarctatus</i> Stierlin, 1861 (Provadilus Reitter, 1912) | 44 | 10 | | |
| 178 | <i>alpicola</i> Boheman, 1843 | 43 | 191 | | |
| 179 | <i>merditanus</i> Apfelbeck, 1927 | 42 | 1 | 1H | Munela pl. (AL) |
| 180 | <i>pantherinus</i> Apfelbeck, 1898 | 43 | 39 | 1 (unknown H, A, S or P) | Volujak pl. (BA) |
| 181 | <i>piliger</i> Apfelbeck, 1895 | 42 | 4 | 1H+1P | Vlasulja (BA) |
| 182 | <i>rugifrons</i> (Gyllenhal, 1813) | 41 | 52 | | |
| 183 | <i>sitonoides</i> Apfelbeck, 1907 | 42 | 8 | | |
| 184 | <i>trichographus</i> Stierlin, 1861 (Pseudocryphiphorus Magnano, 1998) | 41 | 1 | | |
| 185 | <i>conspersus</i> (Herbst, 1795) (Rimenostolus Reitter, 1912) | 45 | 4 | | |
| 186 | <i>laeviusculus</i> Stierlin, 1861 (Satnalistus Reitter, 1912) | 44 | 12 | | |
| 187 | <i>duinensis</i> Germar, 1824 | 39 | 3 | | |
| 188 | <i>signatipennis</i> Gyllenhal, 1834 | 39 | 15 | | |
| 189 | <i>stenorostrus</i> Apfelbeck, 1898 | 39 | 26 | | |
| 190 | <i>virginalis</i> Apfelbeck, 1922 (Spodocellinus Reitter, 1912) | 39 | 85 | 1 (unknown H, A, S or P) | Rujište (BA) |
| 191 | <i>subpubescens</i> Stierlin, 1894 (Stupamacus Reitter, 1912) | 44 | 2 | | |
| 192 | <i>danieli</i> Apfelbeck, 1896 | 41 | 24 | 2S+9P | Bjelašnica pl. (BA) |
| 193 | <i>denigrator</i> Boheman, 1843 (= <i>lithanthracius</i> Boheman, 1843) | 41 | 34 | | |
| 194 | <i>krueperi</i> Stierlin, 1887 | 46 | 36 | 2 (unknown H, A, S or P) | Veluchi (AL) |
| 194a | <i>krueperi armipes</i> Apfelbeck, 1908 | 41 | 5 | 1H+2P | Thesalia (AL) |
| 195 | <i>macedonicus</i> Reitter, 1913 (Tecutinus Reitter 1912) | 41 | 6 | | |
| *196 | <i>brevicornis</i> Boheman, 1843 | 45 | 5 | | |

Table 1. Continued.

| | Taxa | Drawer | Number of specimens | Types | Locus classicus |
|------|---|--------|--|---|--|
| | (Thalycrynychus Reitter 1912) | | | | |
| 197 | <i>adonis</i> Apfelbeck 1906 | 37 | 18 | 1H+1A+9P | Maranai pl. (AL) |
| 197a | <i>adonis</i> Apfelbeck, 1906 | 37 | 27 | | |
| 198 | <i>perdix</i> (Olivier, 1807) | 37 | 150 | 1L+8P | “Njemačka” |
| | <i>perdix</i> (Olivier, 1807) | 37 | 1 | | |
| | <i>perdix</i> (Olivier, 1807) | 37 | 25 | 1H+1A+23P | Rijeka Crnojevića (CG) |
| | <i>perdix</i> (Olivier, 1807) (= <i>brachyscelis</i> Apfelbeck, 1911; = <i>cetinjeinsis</i> Apfelbeck, 1911; = <i>hypsobius</i> Apfelbeck, 1905; = <i>kiorensis</i> Apfelbeck, 1918; = <i>thalassinus</i> Apfelbeck, 1905) | 37 | 144 (<i>brachyscelis</i> - 15, <i>cetinjeinsis</i> -6, <i>hypsobius</i> -11, <i>kiorensis</i> -6, <i>thalassinus</i> -106) | 1H+11P (<i>brachychelis</i>), 1H+4P (<i>cetinjeinsis</i>), 1H+10P (<i>hypsobius</i>), 1H+1P (<i>thalassinus</i>), 1 “type” - <i>kiorensis</i> (unknown H, A, S or P) | Meridita-Munela pl. (AL)- <i>brachychelis</i> Njeguši (CG)- <i>cetinjeinsis</i> Prenj pl. (BA)- <i>hypsobius</i> Stolac (BA)- <i>thalassinus</i> Kjore (AL)- <i>kiorensis</i> |
| 199 | <i>valonensis</i> Apfelbeck, 1918 | 37 | 2 | 2S+1P | Kjore-Valona (AL) |
| | <i>valonensis</i> Apfelbeck, 1918 (= <i>dukatiensis</i> Apfelbeck, 1918) | 37 | 2 | 1H+1P | Dukati-Valona (AL) |
| | (Tithonus Germar, 1824) | | | | |
| 200 | <i>chrysocomus</i> Germar, 1824 | 45 | 5 | | |
| | (Tournieria Stierlin, 1861) | | | | |
| 201 | <i>anadolicus</i> Boheman, 1843 | 45 | 22 | | |
| 202 | <i>corneolus</i> Weise, 1906 | 45 | 6 | | |
| 203 | <i>emgei</i> Stierlin, 1887 | 45 | 4 | | |
| 204 | <i>euxinus</i> Apfelbeck, 1898 | 44 | 2 | 1H | Burgas (BG) |
| 205 | <i>lubriculus</i> Faust, 1890 | 45 | 10 | | |
| 206 | <i>veluchianus</i> Apfelbeck, 1908 | 45 | 21 | | |
| | (Troglorhynchus Schmidt, 1856) | | | | |
| 207 | <i>anophthalmus</i> (Schmidt, 1854) | 45 | 2 | | |
| | (Ulozenus Reitter, 1912) | | | | |
| 208 | <i>infernalis</i> (Fermar, 1817) | 40 | 3 | | |
| | (Urorrhynchus Reitter, 1912) | | | | |
| 209 | <i>sabulosus</i> Gyllenhal, 1834 | 38 | 13 | | |
| 210 | <i>sensivitus</i> (Scopoli, 1763) | 38 | 82 | | |
| 211 | <i>stichopterus</i> Apfelbeck, 1911 | 38 | 2 | | |
| 212 | <i>truncatus</i> Stierlin, 1861 | 38 | 161 | | |
| | (Viroprius Reitter, 1912) | | | | |
| 213 | <i>asiaticus</i> Stierlin, 1861 | 44 | 14 | | |
| 214 | <i>formicarius</i> Stierlin, 1861 | 44 | 8 | | |
| 215 | <i>griseus</i> Kirsch, 1871 | 44 | 1 | | |
| | (Zavodesus Reitter, 1912) | | | | |
| *216 | <i>bodemeyeri</i> Daniel & Daniel, 1907 | 44 | 2 | | |
| 217 | <i>glabellus</i> Rosenhauer, 1847 | 44 | 24 | | |
| | (Zustalestus Reitter, 1912) | | | | |
| 218 | <i>brevipilis</i> Apfelbeck, 1918 | 42 | 2 | 1H+1A | Kjore pl. (AL) |
| 219 | <i>rugosostriatus</i> (Goeze, 1777) | 42 | 65 | | |

Table 1 anex. Synonyms..

| No. Species | No. Species |
|--|---|
| 1 <i>argenteus</i> (Stierlin, 1861) (= <i>argentatus</i> Stierlin, 1873) | 63 <i>sulcirostris</i> Boheman, 1843 (= <i>comparabilis</i> Boheman, 1843) |
| 7 <i>niveopictus</i> (Apfelbeck, 1889) (= <i>vranicensis</i> Apfelbeck, 1928) | 89 <i>planiceps</i> J. Daniel & K. Daniel, 1898 (= <i>kraussi</i> Ganglbauer, 1902) |
| <i>niveopictus</i> (Apfelbeck, 1889) (= <i>vranicensis</i> Apfelbeck, 1928) | 95 <i>lepidopterus</i> (Fabricius, 1794) (= <i>salicis</i> Ström, 1783) |
| 18a <i>dolomitae crivoscianus</i> (Apfelbeck, 1895) (= <i>dolichocephalus</i> Apfelbeck, 1921; = <i>metkovicensis</i> Apfelbeck, 1921) | 96 <i>bisphaericus</i> Reiche, 1857 (= <i>expansus</i> Reitter, 1884) |
| <i>dolomitae crivoscianus</i> (Apfelbeck, 1895) (= <i>dolichocephalus</i> Apfelbeck, 1921; = <i>metkovicensis</i> Apfelbeck, 1921) | 101 <i>laconicus</i> Kirsch, 1880 (= <i>oertzeni</i> Stierlin, 1883) |
| 20 <i>geniculatus</i> (Germar, 1817) (= <i>eppelsheimi</i> Apfelbeck, 1894) | <i>laconicus</i> Kirsch, 1880 (= <i>oertzeni</i> Stierlin, 1883) |
| 21 <i>geniculatus</i> (Germar, 1817) (= <i>eppelsheimi</i> Apfelbeck, 1894) | 111 <i>hawelkae</i> Apfelbeck, 1929 (= <i>croaticus</i> Stierlin, 1861) |
| 24a <i>mastix mastix</i> (Olivier, 1807) (= <i>reiseri</i> Apfelbeck, 1894) | 135 <i>cirrorrhynchoides</i> Reitter, 1912 (= <i>hospes</i> Apfelbeck, 1932) |
| <i>mastix mastix</i> (Olivier, 1807) (= <i>turgidus</i> Germar, 1817) | 143 <i>petrensis gyriticollis</i> Stierlin, 1861 (= <i>nevesinjensis</i> Reitter, 1912) |
| <i>mastix mastix</i> (Olivier, 1807) (= <i>vranensis</i> Apfelbeck, 1894) | 171 <i>gemmatus</i> (Scopoli, 1763) (= <i>germari</i> Stierlin, 1877) |
| 25 <i>obsoletus</i> (Stierlin, 1861) (= <i>aethiops</i> Apfelbeck, 1895; = <i>vicinus</i> Apfelbeck, 1895) | 182 <i>rugifrons</i> (Gyllenhal, 1813) (= <i>rugicollis</i> Stephens, 1831) |
| 26 <i>obsoletus</i> (Stierlin, 1861) (= <i>bulgaricus</i> Apfelbeck, 1895) | 193 <i>denigrator</i> Boheman, 1843 (= <i>lithanthracius</i> Boheman, 1843) |
| <i>obsoletus</i> (Stierlin, 1861) (= <i>speiseri</i> Apfelbeck, 1894) | 197a <i>adonis</i> Apfelbeck, 1906 (= <i>carpathorum</i> Csiki, 1913) |
| 35a <i>bisulcatus bisulcatus</i> (Fabricius, 1781) (= <i>vochinensis</i> Stierlin, 1861) | 198 <i>perdix</i> (Olivier, 1807) (= <i>dorotkanus</i> Reitter, 1913) |
| 37 <i>coecus coecus</i> Germar, 1824 (= <i>niger</i> Fabricius, 1775) | <i>perdix</i> (Olivier, 1807) (= <i>sturanyi</i> Apfelbeck, 1905) |
| 45 <i>tenebricosus</i> (Herbst, 1784) (= <i>fuscipes</i> Olivier, 1807) | <i>perdix</i> (Olivier, 1807) |
| | (= <i>brachyscelis</i> Apfelbeck, 1911; |
| | = <i>cetinjeinsis</i> Apfelbeck, 1911; |
| | = <i>hypsobius</i> Apfelbeck, 1905; |
| | = <i>kiorensis</i> Apfelbeck, 1918; |
| | = <i>thalassinus</i> Apfelbeck, 1905) |

*59 *judaicus* Stierlin, 1875 (= *amanus* Reitter, 1904)

rial is present in the collection, but proper literature with descriptions was not accessible to the author of the given elaboration.

Our examination of all taxa, showed inaccuracy in the numbers given in the elaboration's "Introduction". To be specific, there are differences in the totals of allotypes (13 instead of 12), paratypes (160 instead of 143), and syntypes (13 instead of 11). A summary of data on all taxa shows that the collection contains 231 type specimens, which is even 20 specimens more than in the elaboration. Beyond this, seven paratypes of *O. steindachneri* were listed in the elaboration, but are not present in the collection.

Our work in 2006 (Table 1) revealed a total of 242 type specimens in the collection (among 5039 specimens), of which 48 are holotypes, 15 are allotypes, 144 are paratypes, 11 are syntypes, and one is

a lectotype, while 23 specimens belonging to 16 taxa have undetermined type status.

After revision of taxa from the collection according to contemporary systematics of European weevils, 219 species of Otiorhynchini are registered (Table 1). They belong to the genera *Cirrorhynchus* Germar, 1822 (11 species), *Dodecastichus* Stierlin, 1861 (16 species), *Limatogaster* Apfelbeck, 1898 (five species), and *Otiorhynchus* Germar, 1822 (187 species). Today, four of Apfelbeck's species (*crivoscianus*, *dryadis*, *armipes*, and *krattereri*) have subspecies status: *Dodecastichus dolomitae crivoscianus* Apfelbeck, 1895; *Dodecastichus dolomitae dryadis* Apfelbeck, 1895; *Otiorhynchus krueperi armipes* Apfelbeck, 1908; and *Otiorhynchus rugosus krattereri* Boheman, 1843. At the same time, 25 other species today are considered synonyms or subspecies (Alonso-Zaragoza, 2005).

In the table, an asterisk indicates species (five of them, all from the genus *Otiorhynchus*) not present in the contemporary systematics of European weevils, but listed in Winkler's catalog (1924-1932): *Otiorhynchus* (*Arammichnus*) *sulphurifer*, *O.* (*A.*) *judaicus*, *O.* (*A.*) *latinus*, *O.* (*Tecutinus*) *brevicornis*, and *O.* (*Zavodesus*) *bodemeyeri*. According to the latest systematics, the subspecies *Cirrorhynchus cribrus melanopus* Apf. does not exist at all, but in Winkler's catalog it is treated as an aberration of the species *C. cribrus*.

In general, the obtained data are immensely important and provide the entomologist with information for further revisions of the surveyed material. Finally, such richness of Otiorhynchini species and "types" in the collection confirms the previously expressed belief that the Balkan Peninsula is one of the basic centers of speciation and biodiversity of this insect group in Europe (Angelov, 1976; Mesaroš, 1990a, 1990b; Radović et al., 1995; Pešić, 2000, 2003a, 2003b).

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**OTIORHYNCHINI (COLEOPTERA: CURCULIONIDAE, ENTIMINAE)
У ЗБИРЦИ ЗЕМАЉСКОГ МУЗЕЈА БОСНЕ И ХЕРЦЕГОВИНЕ**

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Европи, али са упоредним приказом оригиналних назива из збирке где год постоје разлике. Најважнији сегмент у попису је преглед типова одређених таксона, са ознакама њихових типских локалитета.