



## Miscellaneous notes on World Anthicidae (Coleoptera)

GIANLUCA NARDI

Centro Nazionale per lo Studio e la Conservazione della Biodiversità Forestale – Corpo Forestale dello Stato, Strada Mantova 29, I-46045 Marmirolo (MN) – Italy. E-mail: l\_nardi@hotmail.com.

### Table of contents

Abstract	1
Introduction	2
Materials and Methods	2
Acronyms of specimen depositories	3
List of taxa	3
Acknowledgements	25
References	26

### Abstract

Nine junior homonyms are given new replacement names: *Anthicus dravidiacus* **nom. nov.** (= *A. postnotatus* Pic, 1943 not *A. (Aulacoderus) sefrensis* var. *postnotatus* Pic, 1910); *Anthicus monsonicus* **nom. nov.** (= *A. caroli* Bonadona, 1978 not *A. caroli* Pic, 1893); *Aulacoderus controversus* **nom. nov.** (= *Anthicus (Aulacoderus) singularis* Hille, 1985 not *Anthicus singularis* Pic, 1927); *Aulacoderus copiosissimus* **nom. nov.** (= *Anthicus (Aulacoderus) brevicornis* Hille, 1984 not *Anthicus brevicornis* Pic, 1894a, not *A. brevicornis* Pic, 1894b); *Aulacoderus hamatus* **nom. nov.** (= *Anthicus (Aulacoderus) ruficeps* Hille, 1984 not *Anthicus ruficeps* Pic, 1913); *Macrotomoderus ater* **nom. nov.** (= *M. niger* Uhmann, 1993 not *M. niger* Pic, 1943); *Macrotomoderus sandokan* **nom. nov.** (= *Derarimus minor* Uhmann, 1994a = *D. minor* Uhmann, 1994b, not *M. minor* Pic, 1934); *Mecynotarsus abductus* **nom. nov.** (= *M. bimaculatus* Pic, 1942 not *M. algiricus* var. *bimaculatus* Desbrochers des Loges, 1898); *Tomoderus abditus* **nom. nov.** (= *T. flavus* Uhmann, 1981 not *T. flavus* Heberdey, 1936).

The lectotypes of the following taxa are designated: *Notoxus limbatus* Fabricius, 1798, *Anthicus gracilior* var. *auliatanus* Pic, 1940, *Anthicus (Aulacoderus) sulcithorax* var. *nigrithorax* Pic, 1897, *Anthicus (Aulacoderus) sulcithorax* var. *pallidior* Pic, 1941 and *Endomia unifasciata* var. *maculata* Pic, 1919. The following synonyms are established or confirmed: *Anthelephila anastasei* (Pic, 1935b) = *Formicomus anastasei* Pic, 1935c **syn. nov.**; *Anthelephila pedestris* (Rossi, 1790) = *Notoxus limbatus* Fabricius, 1798 **syn. nov.**; *Anthicus flavicoloratus* Pic, 1951 = *Anthicus flavicoloratus* Pic, 1952 **syn. nov.**; *Aulacoderus sulcithorax* ssp. *sulcithorax* (Desbrochers des Loges, 1875) = *Anthicus sulcithorax* var. *nigrithorax* Pic, 1897 = *Anthicus sulcithorax* var. *pallidior* Pic, 1941 **syn. nov.**; *Cordicollis gracilior* (Abeille de Perrin, 1885) = *Anthicus gracilior* var. *auliatanus* Pic, 1940; *Cyclodinus casloni* (Buck, 1965) = *Anthicus basilewskyi* Buck, 1965 **syn. nov.** = *Cyclodinus bucki* Telnov, 2006 **syn. nov.**; *Endomia occipitalis* (Dufour, 1843) = *Endomia occipitalis* var. *quadrinotatus* Pic, 1913; *Endomia unifasciata* ssp. *unifasciata* (Bonelli, 1812) = *Eudomia* [sic!] *unifasciata* var. *maculata* Pic, 1919; *Omonadus brevicornis* (Pic, 1894a) = *Anthicus brevicornis* Pic, 1894b **syn. nov.**; *Macrotomoderus bidens* (Uhmann, 1994a) = *Derarimus bidens* Uhmann, 1999 **syn. nov.**; *Macrotomoderus flavicornis* (Uhmann, 1994a) = *Derarimus flavicornis* Uhmann, 1996 **syn. nov.**; *Macrotomoderus flavipubens* (Uhmann, 1994a) = *Derarimus flavipubens* Uhmann, 1996 **syn. nov.**; *Macrotomoderus foveicollis* (Uhmann, 1994a) = *Derarimus foveicollis* Uhmann, 1996 **syn. nov.**; *Macrotomoderus sandokan* **nom. nov.** = *Derarimus minor* Uhmann, 1994a **syn. nov.** = *Derarimus minor* Uhmann, 1994b **syn. nov.**; *Macrotomoderus schillhammeri* (Uhmann, 1994a) = *Derarimus schillhammeri* Uhmann,

1996 **syn. nov.**; *Macrotomoderus schoedli* (Uhmann, 1994a) = *Derarimus schoedli* Uhmann, 1996 **syn. nov.**; *Macrotomoderus schuhi* (Uhmann, 1994a) = *Derarimus schuhi* Uhmann, 1994b **syn. nov.**; *Macrotomoderus sumatrensis* (Uhmann, 1994a) = *Derarimus sumatrensis* Uhmann, 1999 **syn. nov.**; *Notoxus boviei boviei* Pic, 1920 = *N. boviei pallidoapicalis* Pic, 1952.

*Anthicus basilewskyi* Pic, 1955 from Rwanda is transferred to *Sapintus* (subgenus *Sapintus*) Casey, 1895 **comb. nov.**, *Anthicus drurei* Pic, 1901 from Iraq is moved to *Cyclodinus* Mulsant & Rey, 1866 **comb. nov.**, and *Anthicus melanocephalus* Bonelli, 1812 (*nomen dubium*) from Italy to *Microhoria* Chevrolat, 1877 **comb. nov.**

*Notoxus boviei* var. *semitestaceus* Pic, 1952 and *N. rothschildi* var. *inapicalis* Pic, 1914 are automatically placed as subspecies.

*Anthicus Babaulti* var. *atripes* Pic, 1921, *A. Babaulti* var. *elgeyosus* Pic, 1939, *A. subinstabilis* var. *Karikalensis* Pic, 1933, *A. subinstabilis* var. *Nathani* Pic, 1933, *A. subinstabilis* var. *subindicus* Pic, 1933, *A. subinstabilis* var. *subsabuleti* Pic, 1933, *Cucullus* Westwood, 1830, *Macratrìa Severini* var. *diversimembris* Pic, 1955, *Notoxus boviei* var. *lateapicalis* Pic, 1955, *N. Jeanneli* var. *bisbinotatus* Pic, 1921, *N. Jeanneli* var. *innotatus* Pic, 1921 (not *N. chaldeus* var. *innotatus* Pic, 1919) and *N. Jeanneli* var. *uninotatus* Pic, 1921 are unavailable names.

*Leptaleus barbieri* Pic, 1952 from Vietnam is not a *nomen nudum* as recently presented.

New records from European (Albania, Armenia, Azerbaijan, Bosnia Herzegovina, Canary Islands, Czech Republic, Georgia, Greece, Italy, Macedonia, Russia, Ukraine, Yugoslavia), Asian (China, Kyrgyzstan, Oman, Syria, Tajikistan, Turkmenistan, Yemen) and South American (Argentina) countries are provided for eighteen species of seven genera (*Anthicus*, *Aulacoderus*, *Cyclodinus*, *Endomia*, *Notoxus*, *Omonadus* and *Stenidius*).

*Aulacoderus sulcithorax sulcithorax* and *Notoxus lobicornis* Reiche, 1864 are excluded from the fauna of the Afrotropical region and of Italy, respectively.

*Endomia unifasciata* ab. *insularis* Pic, 1934 from Sicily (Italy) is confirmed to be an unavailable name, and its "type" is a member of *E. unifasciata* ssp. *unifasciata*.

**Key words:** Anthicidae, lectotypes, new synonyms, new combinations, new records, unavailable names, Afrotropical, Oriental, Neotropical, Palaearctic regions

## Introduction

The goal of this paper is to provide new data on the nomenclature or distribution of 53 species, 2 subspecies, and one genus of Anthicidae, above all in view of preparing the update to this family for the Fauna Euroapea database project (Nardi 2004c).

## Materials and Methods

The nomenclature of genera follows that of Chandler *et al.* (2004), but the subgenera of *Anthicus* Paykull, 1798 are omitted; all taxa are listed alphabetically. Unless otherwise stated, the specimens were identified according to Kreckich-Strassoldo (1928), Bucciarelli (1980), Hille (1984), Bonadona (1991) and Kejval (1998).

When necessary (e.g. type material), the label data borne by the studied specimens are given in inverted commas, a comma separates the different labels and a slash indicates a change in line. Author's remarks are given in square brackets. The following abbreviations are used: coll. = collection; env. = environs; ex = specimen/s; h = handwritten; lg = no collector mentioned; p = printed; prov. = province; r = red label; reg. = region; sd = collection date not indicated.

The original generic combinations are listed only for the taxa involved in nomenclatorial problems.

The appropriate articles from the current ICZN code (1999) are cited with the article number being simply referenced as "Article x.y.z" when relevant.

The purpose of the lectotype designations made in this paper is to assure correct and consistent application of the names (Article 74.7.3).