

***Bruchus undatus* (Fabricius, 1787), a member of the genus *Attagenus* Latreille, 1802  
(Coleoptera: Dermestidae: Attageninae)**

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**Taxonomy, new synonymy, Coleoptera, Dermestidae, Attageninae, *Attagenus*, *Bruchus*, Palaearctic Region**

**Abstract.** *Bruchus undatus* Fabricius, 1787 is transferred to the genus *Attagenus* Latreille, 1802 of Dermestidae. *Attagenus hirtulus* Rosenhauer, 1856 syn. nov., is put in synonymy with *Attagenus undatus* (Fabricius, 1787).

## INTRODUCTION

*Bruchus undatus* was described by Fabricius (1787) from North Africa. The specimens were sent to him by Martin Henrichsen Vahl (1749-1804), a well known Danish-Norwegian botanist and zoologist, who probably collected them in Tunisia during his trip from France (Jørgensen 1999). Fabricius (1792) transferred the species to *Anthribus* Fabricius, 1792 and subsequently in 1801 to *Tritoma* Fabricius, 1772. Later on Schaum (1847) assigned the species to *Attagenus* Latreille, 1802 without study of type material. Schaum's action was overlooked by all subsequent authors and, consequently, the species was not listed in Dermestidae in catalogues (Dalla Torre 1911, Mroczkowski 1968, Háva 2003, 2007, 2015) missing the species in family Dermestidae. The species is not mentioned in the Palaearctic Catalogue in Chrysomelidae subfamily Bruchinae (Anton 2010). The species was recently mentioned by Alonso-Zarazaga (2014) in a review of the identity of some species proposed by Fabricius.

## RESULTS

### Subfamily Attageninae Laporte de Castelnau, 1840

#### Tribe Attagenini Laporte de Castelnau, 1840

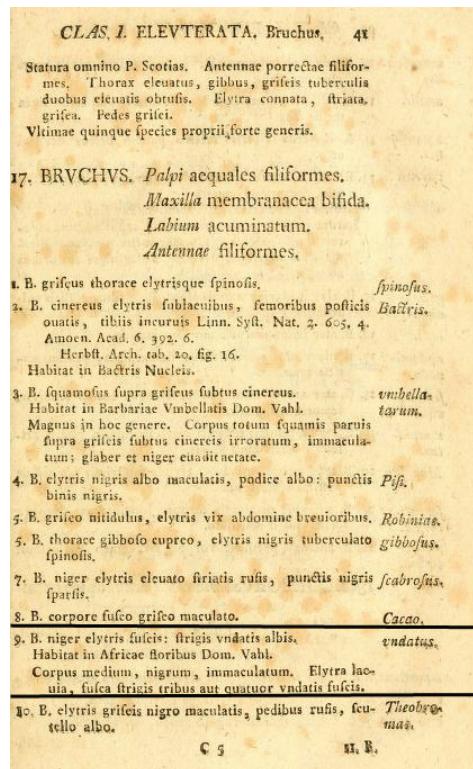
##### Genus *Attagenus* Latreille, 1802

##### *Attagenus undatus* (Fabricius, 1787)

- = *Bruchus undatus* Fabricius, 1787: 41.
- = *Anthribus undatus* F.: Fabricius, 1792: 378.
- = *Tritoma undatum* F.: Fabricius, 1801: 573.
- = *Attagenus undatus* F.: Schaum, 1847: 63.
- = *Attagenus hirtulus* Rosenhauer, 1856:109 **syn. nov.**

**Type material.** Holotype (male): „Avianne Vatie“ [hand write label] // „TYPE“ [red printed label] // „zmuc 00037630“; Second specimen (female)[without labels], coll. Kiel. Type material deposited in Zoological Museum, University of Copenhagen, Denmark.

**Other material examined.** Total 95 specimens (*Attagenus hirtulus*) from Morocco, Spain, Portugal and Tunisia.



**Original description (Fabricius 1787):** „9. B[ruchus]. niger elytris fuscis: strigis undatis albis. Habitat in Africæ floribus Dom. Vahl. Corpus medium, nigrum, immaculatum. Elytra laevia, fusca strigis tribus aut quatuor undatis fuscis.“ (Fig. 1).

Fig. 1. Original description of *Bruchus undatus* Fabricius.

**Schaum's text (1847):** „Anthribus undatus Ent. Syst. II. 378; welchen Fabricius selbst im Syst. El. 373. 17. unter Tritoma stellt, Schönher Gen. et spec. Cure, aber wieder als einen ihm unbekannten Anthribiden aufführt, gehört in die Gattung Attagenus.“ (Fig. 2).

*Anthribus undatus* Ent. Syst. II. 378; welchen Fabricius selbst im Syst. El. 373. 17. unter *Tritoma* stellt, Schönher Gen. et spec. Cure, aber wieder als einen ihm unbekannten Anthribiden aufführt, gehört in die Gattung *Attagenus*.

*Attelabus cyaneus* S. El. II. 426. 53. ist ein *Centorhynchus* aus der Verwandtschaft des *C. Erysimi*.

*Attelabus malyae* S. El. II. 426. 56. wird gewöhnlich für ein Apion gehalten, ist aber ein *Brachyonyx indigena* Hb.

*Curculio fulvipes* S. El. II. 104. ist *Dasytes pallipes* Ill. *Lagria livida* Fabr., nicht wie gewöhnlich angenommen wird, Varietät von *Phyllobius vespertinus*.

*Curculio Iris* S. El. II. 541. 206. Das bezettelte Exemplar ist *Seytropus mustela*, beigesteckt ist ein Exemplar von *Polydrusus cervinus*, der gewöhnlich für *C. Iris* angesehen wird.

*Curculio Mali* S. El. II. 542. 213. Das bezittelte Exemplar ist eine Varietät von *Phyllobius oblongus*, beigesteckt ist ein Stück von *Metallites ambiguns* Schh.

*Hypophloeus bicornis* S. El. II. 560. 8. gehört in die Gruppe der Diaperiden.

*Lyctus terebrans* S. El. II. 561. 7. ist nicht *Pyenomerus terebrans* Erichs., sondern *Oxylaeus cylindricus* Panz., welchen Fabricius bereits als Synonyme citirt hat.

*Ips guttata*, *sinuata*, *collaris*, *nigricornis*, *fasciata* sind sämmtlich Erotylinen.

*Tritoma quadriguttatum* gehört ebenfalls zur Familie der Erotylinen.

*Staphylinus crassicornis* S. El. II. 601. 64. Das Exemplar der Fabricischen Sammlung ist ohne Zweifel ein *Tyrus mueronatus*.

Fig. 2. Text of Schaum (1847).

**Remarks.** Based on Schaum's text and on the study of type material it is thereby confirmed that the species indeed belong to the genus *Attagenus* Latreille, 1802. *Attagenus undatus* (Fabricius, 1787) is identical in all morphological characters with *Attagenus hirtulus* Rosenhauer, 1856. *Attagenus hirtulus* becomes a junior objective synonym of *A. undatus*.

**Distribution.** Species known from Portugal, Spain, Algeria, Morocco, Tunisia and Western Sahara (Háva 2015).

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