

# The holotypes of Dytiscidae in the Pederzani collection in the Museum of Natural History of Ferrara

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## ABSTRACT

The Pederzani collection of Hydradephaga, housed in the Natural History Museum of Ferrara, contains 15 holotypes of Dytiscidae. Their list is given, with information on their taxonomic status and the current location in the collection.

Key words: Coleoptera, Dytiscidae, holotypes, natural history collections, Ferrara.

## RIASSUNTO

### *Gli olotipi di Dytiscidae della collezione Pederzani conservata nel Museo di Storia Naturale di Ferrara*

La collezione di Idroadeffagi Pederzani è conservata nel Museo Civico di Storia Naturale di Ferrara. In essa sono conservati 15 olotipi di Dytiscidi, dei quali si fornisce l'elenco con informazioni sullo stato tassonomico e l'attuale collocazione.

Parole-chiave: Coleoptera, Dytiscidae, olotipi, collezioni naturalistiche, Ferrara.

## INTRODUCTION

The International Code of Zoological Nomenclature (ICZN) strongly recommends (Recommendation 16C) to deposit the holotypes of new taxa in a public institution, such as a Museum or University collection. When new taxa were described on my material I have always followed that recommendation and deposited the holotypes in a public institution, whenever the type series contains a sufficient number of specimens. However in the case of short series or unique specimens I temporarily retained the holotypes in my collection, since no suitable paratype was available to me for further studies.

As my collection was deposited in the Museum of Natural History of Ferrara, those holotypes were also deposited there, thus the ICZN recommendation was finally followed. It should be emphasized that the 15 holotypes have a particularly high scientific value, because they are unique specimens, as a rule, without other existing paratypes.

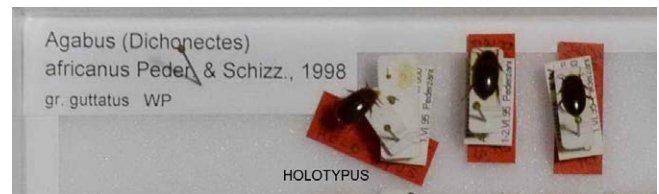
I herewith list the 15 holotypes of Dytiscidae present in my collection, in the order they are arranged in the World Catalogue of the Family Dytiscidae (NILSSON & HÁJEK, 2023), reporting data and literature references indicated in the Catalogue. 14 of those 15 taxa are currently accepted as valid species, except one that was found to be a synonym. I add a photographic detail of the collection box where each holotype is stored.

This note aims to prevent the traces of those holotypes from being lost and to highlight the role and responsibility of the Museum in their conservation.

The abbreviations, the same ones used in NILSSON & HÁJEK (2023), have the following meaning: CFP = collection Fernando Pederzani; DESCR = modern description with addi-

tional information; HT = holotype; MRAC = Musée Royal de l'Afrique Centrale; Tervuren, Belgium; TL = type locality.

## THE LIST OF TYPES

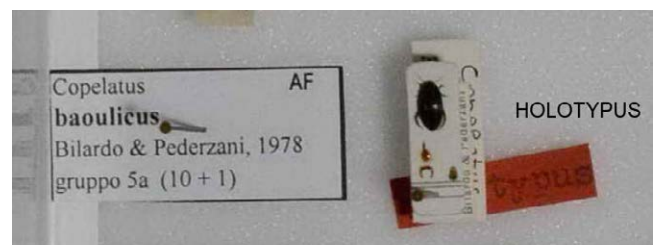


collection Pederzani

Coleoptera Hydradephaga

detail collection box No 176

*Agabus africanus* Pederzani & Schizzerotto, 1998: 88; TL: Tunisia >Aïn Draham mountain >Babouch; HT: CFP.

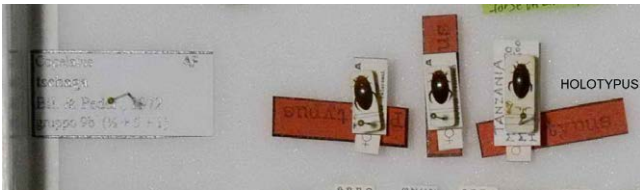


collection Pederzani

Coleoptera Hydradephaga

detail collection box No 155

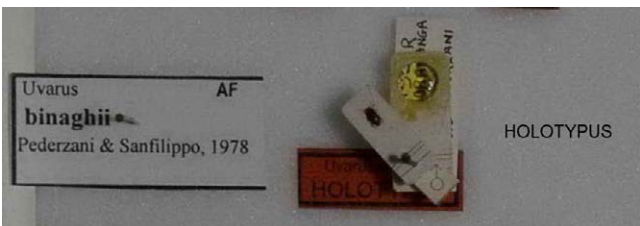
*Copelatus baoulicus* Bilardo & Pederzani, 1978: 123; TL: Ivory Coast >Bouaké; HT: CFP; DESCR.: Bilardo & Rocchi 2015: 7.



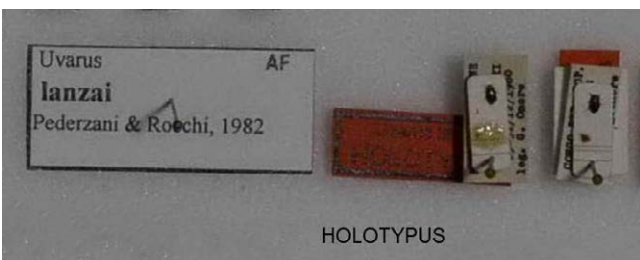
collection Pederzani  
Coleoptera Hydradephaga  
detail collection box No 164  
*Copelatus tschaga* Bilardo & Pederzani, 1972: 78; TL: Tanzania  
> Kilimanjaro mountain > Marangu; HT: CFP.



collection Pederzani  
Coleoptera Hydradephaga  
detail collection box No 81  
*Clypeodytes bicornis* Bilardo & Pederzani, 1978: 111; TL: Ivory  
Coast > Toumodi; HT: CFP; DESCR.: Biström 1988c: 236.



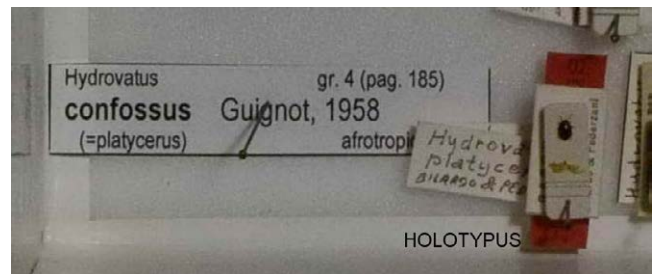
collection Pederzani  
Coleoptera Hydradephaga  
detail collection box No 76  
*Uvarus binaghii* Pederzani & Sanfilippo, 1978: 241; TL: Mada-  
gascar > Moramanga; HT: CFP; DESCR.: Biström 1988e: 33.



collection Pederzani  
Coleoptera Hydradephaga  
detail collection box No 76  
*Uvarus lanzai* Pederzani & Rocchi, 1982: 76; TL: Central  
African Republic > Mbaiki District > Zomia (Zomea); HT:  
CFP; DESCR.: Biström 1988e: 30.



collection Pederzani  
Coleoptera Hydradephaga  
detail collection box No 41  
*Hydrovatus concii* Bilardo & Pederzani, 1978: 105; TL: Ivory  
Coast > Bouaké; HT: CFP; DESCR.: Biström 1997a: 298.



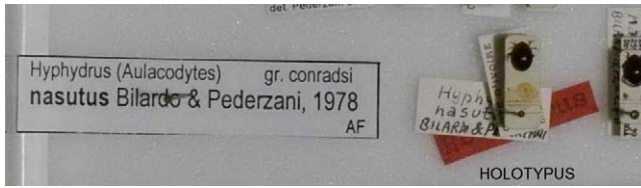
collection Pederzani  
Coleoptera Hydradephaga  
detail collection box No 41  
*Hydrovatus platycerus* Bilardo & Pederzani, 1978: 106; TL:  
Gabon > Ntoundou; HT: CFP.  
= *Hydrovatus confossus* Guignot, 1958e: 4; TL: Zaire > Ori-  
entale > Garamba NP; HT: MRAC; DESCR.: Biström 1997a:  
185 ( N. SYN. by Biström 1997a: 185).



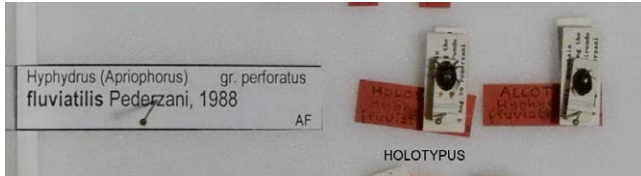
collection Pederzani  
Coleoptera Hydradephaga  
detail collection box No 42  
*Hydrovatus megalocerus* Bilardo & Pederzani, 1978: 106; TL:  
Ivory Coast > Toumodi; HT: CFP; DESCR.: Biström 1997a:  
217.



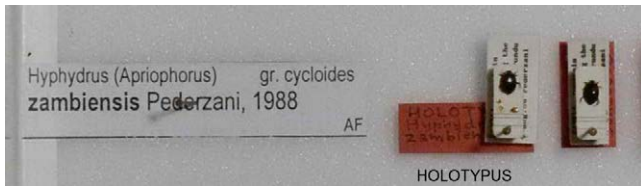
collection Pederzani  
Coleoptera Hydradephaga  
detail collection box No 43  
*Hydrovatus satanoides* Pederzani & Rocchi, 1982: 68; TL:  
Congo > Voka; HT: CFP; DESCR.: Biström 1997a: 226.



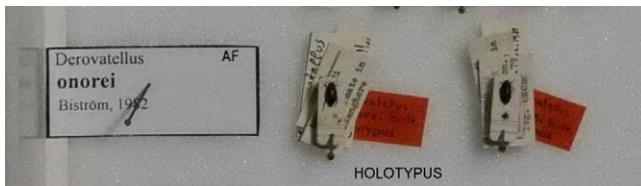
collection Pederzani  
 Coleoptera Hydradephaga  
 detail collection box No 52  
*Hyphydrus nasutus* Bilardo & Pederzani, 1978: 100; TL: Ivory Coast >Toumodi; HT: CFP; DESCR.: Biström 1982c: 105.



collection Pederzani  
 Coleoptera Hydradephaga  
 detail collection box No 53  
*Hyphydrus fluviatilis* Pederzani, 1988: 111; TL: Zambia >betw. Kafue & Chirundu; HT: CFP.



collection Pederzani  
 Coleoptera Hydradephaga  
 detail collection box No 57  
*Hyphydrus zambiensis* Pederzani, 1988: 113; TL: Zambia >betw. Kafue & Chirundu; HT: CFP.



collection Pederzani  
 Coleoptera Hydradephaga  
 detail collection box No 38  
*Derovatellus onorei* Biström, 1982d: 267; TL: Congo >Mbo-mo NP; HT: CFP.



collection Pederzani  
 Coleoptera Hydradephaga  
 detail collection box No 142  
*Laccophilus ferrugo* Biström, Nilsson & Bergsten, 2015: 25; TL: Mozambique >Inhambane Province >15 km SE Save; HT: CFP.

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