

Revision of the Palearctic species of the genus *Ochthebius* LEACH

XIV. additional notes on the *O. punctatus* group, with description of two new species (Coleoptera: Hydraenidae)

M.A. JÄCH

Abstract

Two new species of Hydraenidae are described: *Ochthebius tudmirensis* [Spain], *O. tunisicus* [Tunisia]. A lectotype is designated for *Ochthebius pellucidus* MULSANT.

Key words: Coleoptera, Hydraenidae, *Ochthebius punctatus* group, new species, lectotype designation, Spain, Tunisia

Introduction

The Palearctic species of the *Ochthebius punctatus* group were revised by JÄCH (1989, 1992). Forty-one species were listed by JÄCH (1992), and one additional species was described by JÄCH (1994). Two new species are described in the present paper.

Acronyms and acknowledgements

CFA Coll. Foster, Ayr
CHD Coll. Hebauer, Deggendorf
CRB Coll. Ribera, Barcelona
CSUM Departamento de Biología Animal, Universidad de Murcia
MGL Musée Guimet d'Histoire naturelle, Lyon
MHNP Muséum national d'Histoire naturelle, Paris
MNM Museo Nacional de Ciencias Naturales, Madrid
NMW Naturhistorisches Museum, Wien

I am most grateful to J.A. Delgado (CSUM), F. and H. Hebauer and I. Ribera for sending specimens and for providing useful information. Special thanks are also due to J. Clary (MGL) for his help during my visit at the MGL.

Ochthebius tudmirensis sp.n.

TYPE LOCALITY: Shallow, muddy, saline pool near gravel quarry, a few km east of Mula, Murcia, southeastern Spain.

TYPE MATERIAL: **Holotype** ♂ (NMW): "ESP-Murcia Prov Mula 18.5.1993 leg. H. Hebauer \ coll.H.Hebauer".
Paratypes: 123 exs. (CHD, NMW), same label data as holotype; 35 exs. (CHD, NMW): "ESP - Murcia Cieza 30.5.94 leg.H.Hebauer"; 25 exs.: (CHD, NMW): "ESP - Murcia Totana 31.5.94 leg. H. Hebauer"; 3 exs. (NMW): "SPANIEN-Murcia 83 Rambla del Judio Coll. Univ. Murcia 15.7."; 1 ♂ (NMW): "SPANIEN 17.5. Murcia 1986 Rambla del Judio"; 5 exs. (MNM): "SPAIN: Murcia Rambla del Judio 24.V.1996 leg. J.A. Delgado"; 1 ♂ (NMW): "SPANIEN1988 Murcia Rambla del Moro"; 7 exs. (CSUM): "SPAIN: Murcia Rambla del Moro 7.VII.1983 Coll. Univ. Murcia"; 1 ♂ (NMW): "SPANIEN 17.8. Murcia 86 Sal.de Zacatin"; 5 exs. (CSUM): "SPAIN: Murcia Salinas de Zacatin 17.VIII.1996 coll. Univ. Murcia"; 2 exs. (NMW): "SPAIN: Murcia Rambla del Charcón

8.VII.1994 leg. N. Ubero"; 4 exs. (NMW): "SPAIN: Murcia Rambla de Fuente Alamo, 8.VII.1994 leg. N. Ubero"; 5 exs. (NMW): "SPAIN: Murcia Rambla Salada de Fortuna, 4.X.1996 leg. J.A. Delgado"; 5 exs. (MNM): "SPAIN: Murcia Rio Chicamo 6.1996 leg. J.A. Delgado"; 5 exs. (CRB, CFA): "25.viii.1994 Murcia SPAIN \ Rambla del Reventón \ leg. I. Ribera, P. Aguilera & A. Millán"; 3 exs. (NMW): "SPAIN: Alicante Azarbe near Albatera 15.III.1996 leg. A. Castro"; 4 exs. (NMW): "SPAIN: Albacete Arroyo de Letur 24.V.1996 leg. J.A. Delgado"; 4 exs. (NMW): "SPAIN: Almeria Rambla del Centeno 10.VII.1996 leg. J.A. Delgado".

DIAGNOSIS: 2.4 - 2.7 mm long. So far, I am not able to distinguish *Ochthebius tudmirensis* externally from *Ochthebius punctatus* STEPHENS and *O. grandipennis* FAIRMAIRE, all of which occur in southeastern Spain. However, the aedeagus of *O. tudmirensis* (Fig. 1) is markedly different from these two species: main piece very long and almost straight, its apex obliquely truncate dorsally; distal lobe subconical; parameres rather distinctly separated from main piece, inserted near basal 0.4, left paramere slightly shorter than right one. The aedeagus of *O. tudmirensis* somewhat resembles that of *O. pilosus* WALTZ (see JÄCH 1989: Fig. 17). It can be distinguished from the latter by the main piece being more straight and being more narrow in the middle (lateral view), and by the position of the parameral insertion.

ECOLOGY: Most specimens of *Ochthebius tudmirensis* were collected among mud and algae at the margins of saline, shallow (temporary) streams with slow current. In hypersaline streams and fresh water *O. tudmirensis* seems to be scarce.

Ochthebius tudmirensis is able to fly. Several specimens were collected by light traps (Azarbe near Albatera).

DISTRIBUTION: So far known only from southeastern Spain (Murcia, Alicante, Almeria, Albacete).

ETYMOLOGY: Tudmir was an islamic kingdom in southeastern Spain in the 8th and 9th century. The distribution of the new species seems to be confined to the area of that former kingdom.

Ochthebius tunisicus sp.n.

TYPE LOCALITY: Douz, central Tunisia.

TYPE MATERIAL: Holotype ♂ (NMW): "TUNISIA centralis oasis DOUZ env. 31.5.-1.6. 1994 lgt. S. Becvar". The left elytron of the holotype is missing.

DIAGNOSIS: 2.3 mm long. This species agrees in its external characters very well with *O. punctatus* and *O. grandipennis* which are also recorded from North Africa.

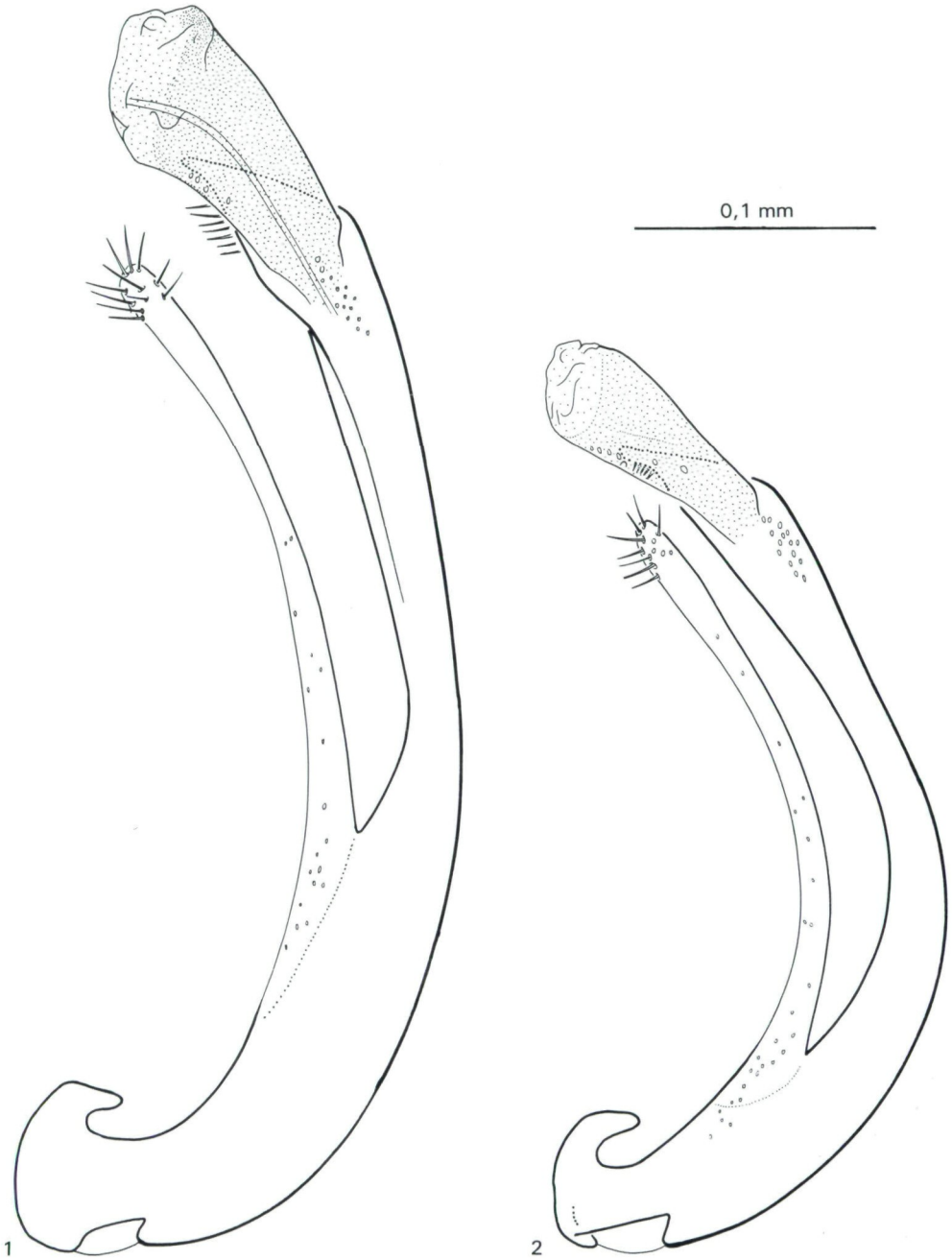
The aedeagus of *O. tunisicus* (Fig. 2) can be distinguished from the aedeagus of *O. punctatus* (see JÄCH 1989: Fig. 16) by the main piece being more slender and especially by the distal lobe being more slender and more extensively sclerotized apically. It can be distinguished from the aedeagus of *O. grandipennis* (see JÄCH 1989: Fig. 18) by the distal half of the main piece being not humpbacked, by the apex of the main piece being less strongly curved dorsally, and especially by the distal lobe which lacks the typical ventro-apical convexity.

DISTRIBUTION: So far known only from the type locality.

ETYMOLOGY: Named in reference to the type locality.

Ochthebius nanus STEPHENS

During my last visit to Lyon (May, 1993) I was able to retrieve four possible syntypes of *Ochthebius pellucidus* MULSANT [= *O. nanus*] in the MGL (Rey collection). In the absence of any syntypes in the MHNP (see JÄCH 1992: p. 184) I herewith designate one of these specimens as lectotype: It is mounted on a pin, together with a small round black label [= Provence, according to Rey's collection catalogue].



Figs. 1 - 2: Aedeagus of 1) *Ochthebius tudmirensis* and 2) *O. tunisicus*.

References

- JÄCH, M.A. 1989: Revision of the Palearctic species of the genus *Ochthebius* Leach I. The so-called subgenus "Bothochius" (Hydraenidae, Coleoptera). - *Koleopterologische Rundschau* 59: 95-126.
- JÄCH, M.A. 1992: Revision of the Palearctic species of the genus *Ochthebius* Leach X. the punctatus species group (Hydraenidae: Coleoptera). - *Bulletin et Annales de la Société royale belge de l'Entomologie* 128: 167-195.
- JÄCH, M.A. 1994: Revision der paläarktischen Arten der Gattung *Ochthebius* Leach. XIII. Beschreibung neuer Arten aus Spanien, der Türkei, Rußland und China. - *Annalen des Naturhistorischen Museums Wien* 96 B: 199-208.

Dr. Manfred A. JÄCH

Naturhistorisches Museum, Burgring 7, A - 1014 Wien, Austria

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Koleopterologische Rundschau](#)

Jahr/Year: 1997

Band/Volume: [67_1997](#)

Autor(en)/Author(s): Jäch Manfred A.

Artikel/Article: [Revision of the Palearctic species of the genus *Ochthebius* Leach XIV. additional notes on the *O. punctatus* group, with description of two new species \(Hydraenidae\). 177-180](#)