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**New data on the Oriental Xantholinini. 29°.
New species and new records from Taiwan of the Hungarian
Natural History Museum of Budapest
(Coleoptera, Staphylinidae)
234° contribution to the knowledge of the Staphylinidae**

A. BORDONI

A b s t r a c t : *Thyreoccephalus taiwanensis* nov.sp. (Coleoptera, Staphylinidae), closely related to *T. formosanus* BORDONI 2010 from Taiwan is described. Some records are listed.

K e y w o r d s : Coleoptera, Staphylinidae, Xantholinini, *Thyreoccephalus*, new species, Taiwan.

Introduction

This short contribution is based on the material collected in Taiwan by colleagues of the Hungarian Natural History Museum of Budapest and includes a new species of *Thyreoccephalus* GUÉRIN-MÉNEVILLE 1844 that until 2009 no one knew for sure if occurs on the island. Now the taxa of this genus known for Taiwan are two.

Acronyms

cB.....coll. Bordoni, Firenze

UNHM.....Hungarian Natural History Museum of Budapest

Material

***Nudobius sejunctus* WATANABE & SHIBATA 1965**

E x a m i n e d m a t e r i a l : Taiwan, Nantou county (hsien), Piluchi, TFR site, 2200 m, A. Kun & L. Ronkay 26-28.XII.2001, 1 ex (cB).

D i s t r i b u t i o n : Japan (SHIBATA 1983; SMETANA 2004), and Taiwan [SHIBATA 1973 and BORDONI 2002, (sub *N. formosanus* SHIBATA 1973); BORDONI 2010, sub *N. sejunctus*]. Recently I have proposed (BORDONI 2010) the synonymy between *N.*

sejunctus and *N. formosanus*. Taiwan is the south-eastern limit of distribution of the genus in the Oriental Region.

***Thyreoccephalus taiwanensis* nov.sp. (Figs 1-5)**

E x a m i n e d m a t e r i a l : Holotype ♂: Taiwan, Ilan county (hsien), Mingchyh Forest, 1200 m, recreation area, G. Fabian & O. Merkl 5.IV.2001 (UNHM).

D e s c r i p t i o n : Body length 14,5 mm; length from anterior margin of head to posterior margin of elytra 7 mm. Body flat. Head and pronotum black; elytra testaceous reddish with scutellum brown black; abdomen brown black with red genital segment; antennae and legs brown reddish.

Head sub-quadrangular (Fig. 1), large, with slightly rounded sides and largely rounded posterior angles. Eyes small, just protruding, antennae with 3° article as long as the two following together. Surface with a longitudinal strip of fine punctures; some large punctures as in Fig. 1; a groove near the interior margin of the eyes; numerous deeper punctures on the tempora. Labrum as in Fig. 2.

Pronotum clearly narrower and longer than head, with a puncture near the anterior angles.

Elytra long and narrow, sub-rectangular, with sub-parallel and sub-rectilinear sides and marked humeral angles. Surface with numerous series of superficial punctures. Scutellum large, with some superficial punctures. Andomen with fine and dense transversal microstriature and deep puncturation on the sides, with long yellowish setae.

Tergite and sternite of the male genital segment as in Figs 3-4. Aedeagus (Fig. 5), 1,3 mm long, with median lobule very long and of particular structure; parameres short and symmetric; inner sac ribbon-like, narrow and long, irregularly coiled and covered by very fine and sparse scales.

D i s t r i b u t i o n : It is known to me only from the type locality.

E t y m o l o g y : The specific epithet is based on the name of Taiwan.

N o t e : Until a few time ago it was not clear whether the genus *Thyreoccephalus* was present in Taiwan. In a recent contribution (BORDONI 2010a) has been shown that the genus occurs also on the island, of which two species are known so now (*T. formosanus* BORDONI 2010 and *T. taiwanensis* nov.sp.). The new species differs from *T. formosanus*, known for a female of Kosempo, by dimension, colouration, puncturation and microsculpture of head, and shape of labrum.

***Megalinus metallicus* (FAUVEL 1895)**

E x a m i n e d m a t e r i a l : Taiwan, Kaohsiung Hsien, Liukuei, Shaping Lter site, 630 m, L. Papp & M. Földvari 1-2.IV.2003, 1♂ (UNHM).

D i s t r i b u t i o n : This species is known, especially in the mountains, from Pakistan to Vietnam, south China and Taiwan (BORDONI 2002).

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Zusammenfassung

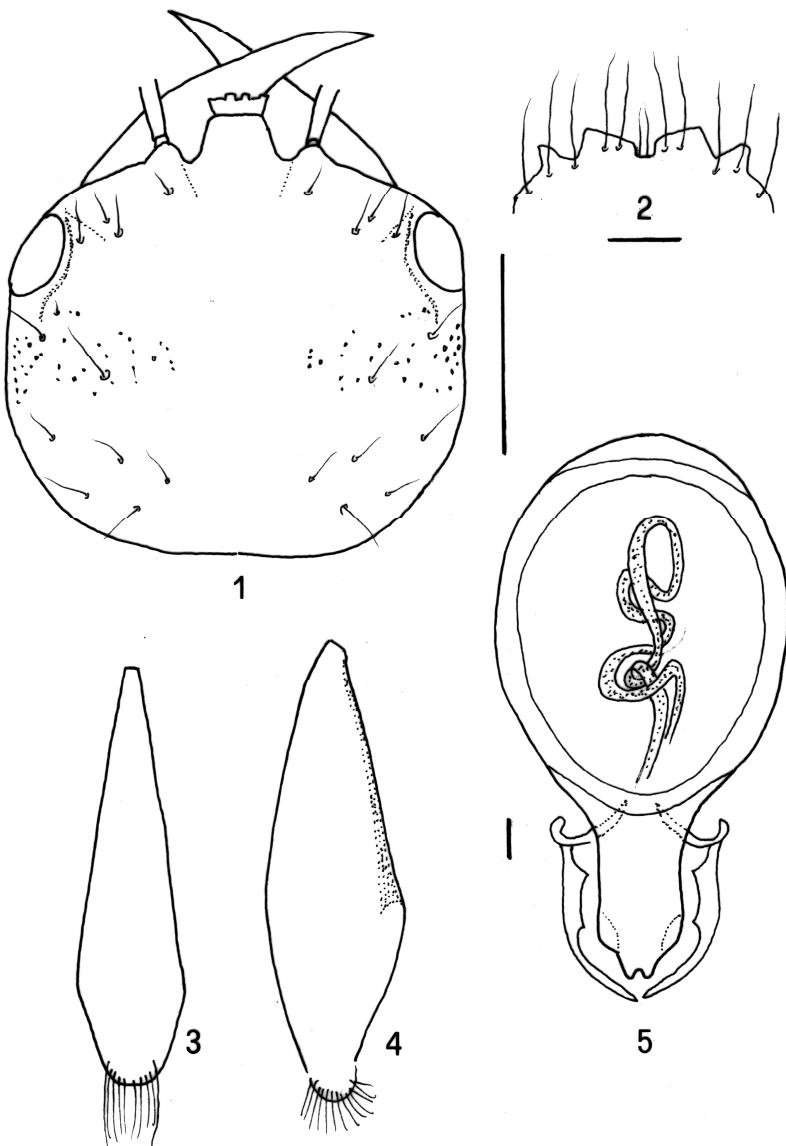
Thyreoccephalus taiwanensis nov.sp. (Coleoptera, Staphylinidae), nahe verwandt mit *T. formosanus* BORDONI 2010 wird aus Taiwan beschrieben. Funde weiterer weniger Arten werden aufgelistet.

References

- BORDONI A. (2002): Xantholinini della Regione Orientale (Coleoptera: Staphylinidae). Classificazione, filogenesi e revisione tassonomica. — Memorie del Museo regionale di Scienze naturali, Torino **33**, 998 pp.
- BORDONI A. (2010): Male genitalia of palaearctic species of the genus *Nudobius* (Coleoptera, Staphylinidae). — Bollettino della Società entomologica italiana **142** (1): 19-26.
- BORDONI A. (2010a): Description of the first *Thyreoccephalus* ans *Daolus* from Taiwan (Insecta: Coleoptera: Staphylinidae). — Annalen des Naturhistorischen Museum in Wien, B **111**: 55-59.
- SHIBATA Y. (1973): The subfamily Xantholininae from Taiwan, with description of three new species (Coleoptera: Staphylinidae). — Transactions of the Shikoku Entomological Society **11** (4): 121-132.
- SHIBATA Y. (1983): Provisional check list of the family Staphylinidae of Japan. III (Insecta: Coleoptera). — Annual Bulletin of the Nichidai Sanko **21**: 67-140.
- SMETANA A. (2004): Staphylinidae: pp. 237-698. — In LÖBL I. & A. SMETANA (eds), Catalogue of Palaearctic Coleoptera. Vol. 2. Hydrophiloidea-Histeroidea-Staphylinoidea. Apollo Books, Stenstrup.

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Figs 1-5: Head, labrum, tergite and sternite of the male genital segment, aedeagus of *Thyreoccephalus taiwanensis* nov.sp. (bar scale: 0,1 mm).

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