

Contributions to the Knowledge of the “*Staphylinus*-complex”
(Coleoptera, Staphylinidae, Staphylinini) of China.
Part 23. The Genus *Ocychinus* SMETANA, 2003, Section 3

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Abstract *Ocychinus bohemorum* is described as new from specimens from western Sichuan. *Ocychinus nigrita* SMETANA, 2003 and *Ocychinus alpinus* SMETANA, 2003 are transferred to the genus *Sphaerobulbus* SMETANA, 2003 (comb. nov.). *Sphaerobulbus businskorum* SMETANA, 2005 is transferred to the genus *Ocychinus*, where it becomes a junior objective homonym of *Ocychinus businskorum* SMETANA, 2003; a new name, *Ocychinus businskius*, is provided for it. A checklist of the species of *Ocychinus* is provided.

Key words: Coleoptera, Staphylinidae, Staphylinini, Staphylinina, *Ocychinus*, *Sphaerobulbus*, Palaearctic, mainland China, taxonomy, new species, new name, new combinations, distribution.

Introduction

This is the third paper dealing with the species of the genus *Ocychinus* SMETANA, 2003. It contains a description of a new species from western Sichuan, the transfer of two species of *Ocychinus* to the genus *Sphaerobulbus* SMETANA, 2003, and the transfer of one species of *Sphaerobulbus* to *Ocychinus* with the necessity to provide a new name for it. A checklist of the species of *Ocychinus* is presented.

The acronyms used in text when referring to the deposition of the specimens are as follows:

- ASC Collection of Aleš SMETANA, Ottawa, Canada
- NMW Naturhistorisches Museum, Wien, Austria
- VGC Collection of Volker GOLKOWSKI, Oelsnitz i. V., Germany

Account of Species

Ocychinus nigrita SMETANA

Ocychinus nigrita SMETANA, 2003: 104.

Comment. The species is here transferred to the genus *Sphaerobulbus* SMETANA,

2003 (comb. nov.), based mainly on the configuration of the aedoeagus.

Ocychinus alpinus SMETANA

Ocychinus alpinus SMETANA, 2003: 108.

Comment. The species is here transferred to the genus *Sphaerobulbus* SMETANA, 2003 (comb. nov.), based mainly on the configuration of the aedoeagus.

Ocychinus businskius nom. nov.

Sphaerobulbus businskorum SMETANA, 2005: 59.

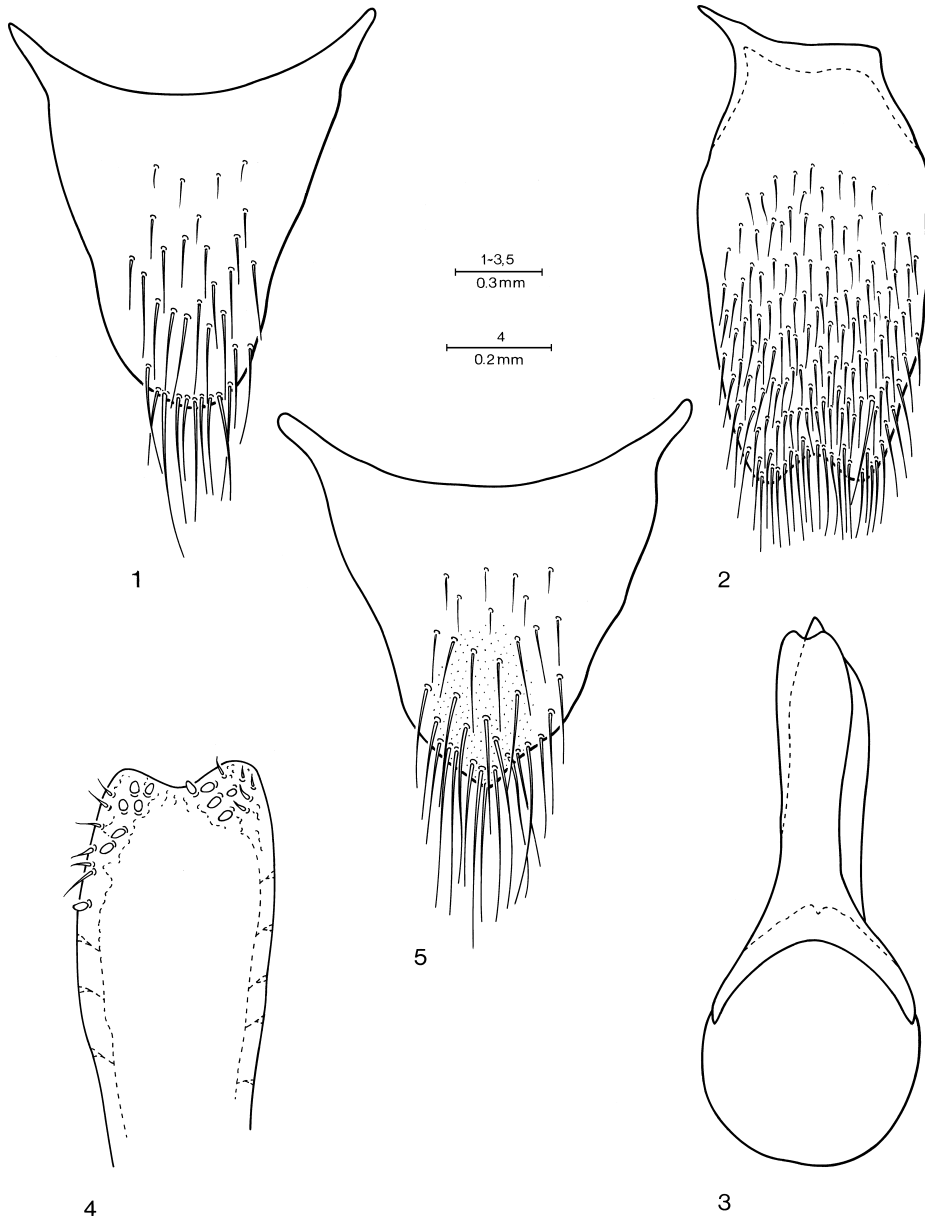
Comment. *Sphaerobulbus businskorum* SMETANA, 2005 is here transferred to the genus *Ocychinus* (comb. nov.), based mainly on the configuration of the aedoeagus. It becomes the junior homonym of *Ocychinus businskorum* SMETANA, 2003. The replacement name *Ocychinus businskius* is therefore provided for it.

New record. [Sichuan]: Sabde 29°04'N 101°25'E 3,400 m 25.6.2001 M. JANATA leg., 1 ♂ (ASC).

Ocychinus bohemorum sp. nov.

(Figs. 1–5)

Description. Black, fore body moderately shiny; visible abdominal tergites 4 and 5 each with patch of golden tomentose pubescence in middle; maxillary and labial palpi testaceous to testaceobrunneous, antennae dark brunneous, legs brunneous to rufobrunneous. Head of rounded quadrangular shape, with entirely rounded, non apparent posterior angles, wider than long (ratio 1.30), eyes small, rather flat, tempora considerably longer than eyes from above (index 1.83), dorsal surface of head densely, moderately finely punctate and pubescent, punctation becoming sparser and finer toward clypeus, but markedly denser toward posterior and lateral margins; rudimentary impunctate midline present on posterior half; interspaces between punctures with extremely fine, rudimentary microsculpture; dorsal side of neck with punctation similar to that on head. Antenna moderately long, segment 3 slightly longer than segment 2 (ratio 1.15), segments 4 to 8 longer than wide, gradually becoming shorter, segments 9 and 10 as long as wide, last segment shorter than two preceding segments combined. Pronotum about as long as wide with obtusely rounded base, narrowed anteriorly, narrow marginal groove disappearing downward at about anterior third of pronotal length; disc of pronotum with entire impunctate midline; punctation and pubescence similar to those on head, gradually becoming denser toward posterior margin of pronotum, interspaces between punctures with microsculpture similar to that on head. Scutellum entirely, finely and densely punctate and pubescent, interspaces between punctures with rudimentary, extremely fine microsculpture. Elytra short, slightly widened posteriorly, at suture



Figs. 1-5. *Ocychinus bohemororum*: 1, tergite 10 of male genital segment; 2, sternite 9 of male genital segment; 3, aedeagus, ventral view; 4, apical portion of underside of paramere with sensory peg setae; 5, tergite 10 of female genital segment.

markedly shorter (ratio 0.73), at sides shorter (ratio 0.80) than pronotum at midline; punctation very fine and very dense, punctures slightly asperate, surface of elytra appearing rather dull; pubescence black, very dense. Wings each reduced to small, non-functional stump. Abdomen with fifth visible tergite without pale apical seam of palisade setae; tergite 2 (in front of first visible tergite) finely punctate and pubescent on entire surface; posterior basal line on first three visible tergites simple, slightly bisinuate; all tergites very finely and densely, evenly punctate and pubescent, punctation markedly finer than that on elytra, simple, gradually becoming somewhat sparser toward apex of abdomen; interspaces between punctures with very fine, dense meshed microsculpture that becomes rudimentary toward middle of each tergite.

Male. Sternite 8 with moderately wide and deep, obtusely triangular emargination. Male genital segment with tergite 10 moderately large, with arcuate apex bearing long apical setae, otherwise moderately densely setose (Fig. 1); sternite 9 short, with minute, sharp basal portion, apical portion widely emarginate apically (Fig. 2). Aedoeagus as in Figs. 3, 4; median lobe parallel-sided in middle portion, with asymmetrically located, sharply triangular apical portion; paramere situated on median lobe asymmetrically, with emarginate apex not quite reaching apex of median lobe; underside of paramere with numerous inconspicuous, not pigmented sensory peg setae on each side of medioapical emargination, and with several minute setae situated as in Fig. 4.

Female. Tergite 10 of genital segment pigmented medioapically, with numerous long setae at and near apical margin, otherwise rather sparingly setose (Fig. 5).

Length 16.0–19.0 mm (abdomen extended).

Type material. Holotype (male) and allotype (female): China: “CHINA: W-Sichuan, W of Zhier (Zi’er), 5.VI.2006 28°20.886’N 101°28.361’E R. Sehnal & M. Tryzna”. Holotype in NMW, allotype in ASC.

Paratypes: [Sichuan]: same data as holotype, 9 ♂♂ (ASC, NMW); same data as holotype, but “4241 m W of Zi’er 5.6.2006 leg. R. Sehnal & M. Tryzna”, 4 ♂♂, 2 ♀♀ (ASC, NMW, VGC).

Geographical distribution. *Ocychinus bohemorum* is at present known from the high elevation area of the mountain range west of Zi’er in western Sichuan.

Bionomics. Nothing is known about the habitat requirements of this species; however, judging from the elevation data on some of the labels, it most likely lives in the subalpine and alpine habitats above tree line.

Recognition and comments. *Ocychinus bohemorum* is the fourth species of the genus bearing spots of yellow or golden tomentose pubescence on the abdominal tergites. It is similar to *O. businskius*, but it differs by the paler appendages (see the description; in *O. businskius* the palpi are brunneous, the antennae piceous-black, and the legs are dark brownish to piceous-black with vaguely paler tarsi), by the on average shorter pronotum which is more distinctly narrowed anteriorly, by the wider and deeper medioapical emargination of male sternite 8, and by the differently shaped paramere of the aedoeagus, which is slightly emarginate apically and bears more numerous not pigmented sensory peg setae (see the description; in *O. businskius* the paramere is evenly arcuate

apically, and bears only two not pigmented sensory peg setae on the underside near apex).

Etymology. The specific epithet is the plural genitive of the noun *Bohemi* (Czechs). It refers to the fact that the original series of this species was collected by two Czech coleopterists.

Checklist of the Species of the Genus *Ocychinus*

- yeti* (DVOŘÁK, 2000)
Tibet
- tibetanus* SMETANA, 2003
Tibet
- capitalis* SMETANA, 2003
Yunnan
- xizangensis* SMETANA, 2003
Tibet
- sichuanensis* SMETANA, 2003
Sichuan
- paramerosus* SMETANA, 2003
Sichuan (Gongga Shan)
- frater* SMETANA, 2008
Sichuan
- kalabi* SMETANA, 2006
- businskorum* SMETANA, 2003
Tibet
- kalabi* SMETANA, 2003
Sichuan
- businskius* SMETANA, 2010 (nom. nov.)
Sichuan
- businskorum* SMETANA, 2005 (from *Sphaerobulbus*)
- bohemorum* SMETANA, 2010
Sichuan
- meridionalis* SMETANA, 2003
Sichuan
- monticola* SMETANA, 2003
Yunnan

要 約

A. SMETANA: 中国産ダイミョウハネカクシ属群 (コウチュウ目ハネカクシ科) に関する知見.
23. *Ocychinus* 属の 3. — *Ocychinus* 属の 1 種 *C. bohemorum* を中国四川西部から記載し, 2 種 *O. nigrita* と *O. alpinus* を *Sphaerobulbus* 属に移動した. *Sphaerobulbus* 属からは *S. businskorum* を

Ocychinus 属に移動し、その結果異物同名が生じたため、新名 *O. businskius* を与えた。

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New Record of *Omineus humeralis* (Coleoptera, Mycteridae) from Taiwan

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Omineus humeralis (Fig. 1) was described on the basis of seven specimens collected at Nara Prefecture, Japan (LEWIS, 1895), and is distributed only in Honshû, Shikoku and Kyûshû, Japan (LÖBL, 2008; SASAJI, 1989; SAKAI & MIYATAKE, 2002).

Recently, we examined one specimen of this species collected from Taiwan, and record it for the first time from Taiwan as follows.

Specimen examined. 1 ♀, Lushan Wenchuan, Nantou Hsien, Taiwan, 6–VI–1976, H. MAKIHARA leg., preserved in Ehime University Museum.



Fig. 1. Habitus of *Omineus humeralis*.

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Records of Some Marine Beetles New to the Fauna of Sado Island, Central Japan

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Marine beetle fauna of Sado Island off Niigata Prefecture has been elucidated by several authors as a part of the faunal study of the prefecture (HISAMATSU, 1984; KUSUI, 1988; KAWAKAMI & HAYASHI, 2007, etc.). However, it is still insufficient in the status to clarify the fauna.

In the recent survey conducted at the two seashores of Sado-shi (Sawata and Futatsugame Beaches of Kubota and Washizaki Districts, respectively), we collected some marine beetles including those new to the island. We herein record them as follows:

We thank Mr. T. OKURA (TUA) for his arrangement of our trip.

Dytiscidae

1. *Allodessus megacephalus* (GSCHWENDTNER)
3 exs., Washizaki, 5–VIII–2009.

Hydraenidae

2. *Neochthebius granulatus* (SATÔ)
3 exs., Washizaki, 5–VIII–2009.

Hydrophilidae

3. *Cercyon aptus* SHARP
11 exs., Kubota, 4~5–VIII–2009.
4. *Cercyon dux* SHARP
1 ex., Kubota, 4–VIII–2009. 1 ex., Washizaki, 5–VIII–2009.

Histeridae

5. *Eopachylopus ripae* (LEWIS)
6 exs., Kubota, 5–VIII–2009.

Ptiliidae

6. *Actinopteryx parallela* (BRITTEN)
1 ex., Kubota, 4–VIII–2009.

Scarabaeidae

7. *Psammodyus japonicus* HAROLD
3 exs., Kubota, 4~5–VIII–2009.

Tenebrionidae

8. *Micropedinus pallidipennis* LEWIS
41 exs., Kubota, 4~5–VIII–2009.

Curculionidae

9. *Isonycholips gotoi* CHÛJÔ et VOSS
44 exs., Kubota, 4~5–VIII–2009.

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