

First record of *Cyphosoma turcomanicum* (Kraatz, 1883) (Coleoptera: Buprestidae) from Pakistan

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Abstract. Precise data on *Cyphosoma turcomanicum* (Kraatz, 1883) from Pakistan (Balochistan) are presented. Geographical distribution of *C. turcomanicum* is summarized; this record from Balochistan represents its easternmost known locality.

Key words: Coleoptera, Buprestidae, Chrysochroinae, Dicercini, *Cyphosoma turcomanicum*, Pakistan.

Primer registro de *Cyphosoma turcomanicum* (Kraatz, 1883) (Coleoptera: Buprestidae) en Pakistán

Resumen. Se ofrecen datos precisos de *Cyphosoma turcomanicum* (Kraatz, 1883) en Pakistán. La distribución geográfica de *C. turcomanicum* se resume aquí. Este registro representa el punto más oriental conocido del área de distribución de la especie.

Palabras clave: Coleoptera, Buprestidae, Chrysochroinae, Dicercini, *Cyphosoma turcomanicum*, Pakistan.

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INTRODUCTION

In 2014 and 2016, the second author (ZA) collected three specimens of *Cyphosoma Mannerheim, 1837* in the vicinity of Nushki town (Balochistan, SW Pakistan). These specimens were identified by the first author (IT) as *Cyphosoma turcomanicum* (Kraatz, 1883). Based on these specimens, *C. turcomanicum* was listed from Pakistan in the revised and updated edition of the Catalogue of Palaearctic Coleoptera (Kubáň 2016), but without precise data.

MATERIAL AND METHODS

The specimens of *C. turcomanicum* presented here were compared (IT) with material of two subspecies of closely related *C. lawsoniae* (Chevrolat, 1838) (see material below).

INTRODUCCIÓN

En 2014 y 2016, el segundo autor (ZA) recogió tres ejemplares de *Cyphosoma Mannerheim, 1837* en las cercanías de la ciudad de Nushki (Balochistan, SW Pakistán). Estos especímenes fueron identificados por el primer autor (IT) como *Cyphosoma turcomanicum* (Kraatz, 1883). En base de estos especímenes, *C. turcomanicum* se incluyó en la edición revisada y actualizada del Catálogo de coleópteros paleárticos (Kubáň 2016), pero sin datos precisos.

MATERIAL Y MÉTODOS

Los especímenes de *C. turcomanicum* aquí presentados se han comparado (IT) con material de dos subspecies de la cercana *C. lawsoniae* (Chevrolat, 1838) (ver material estudiado abajo)

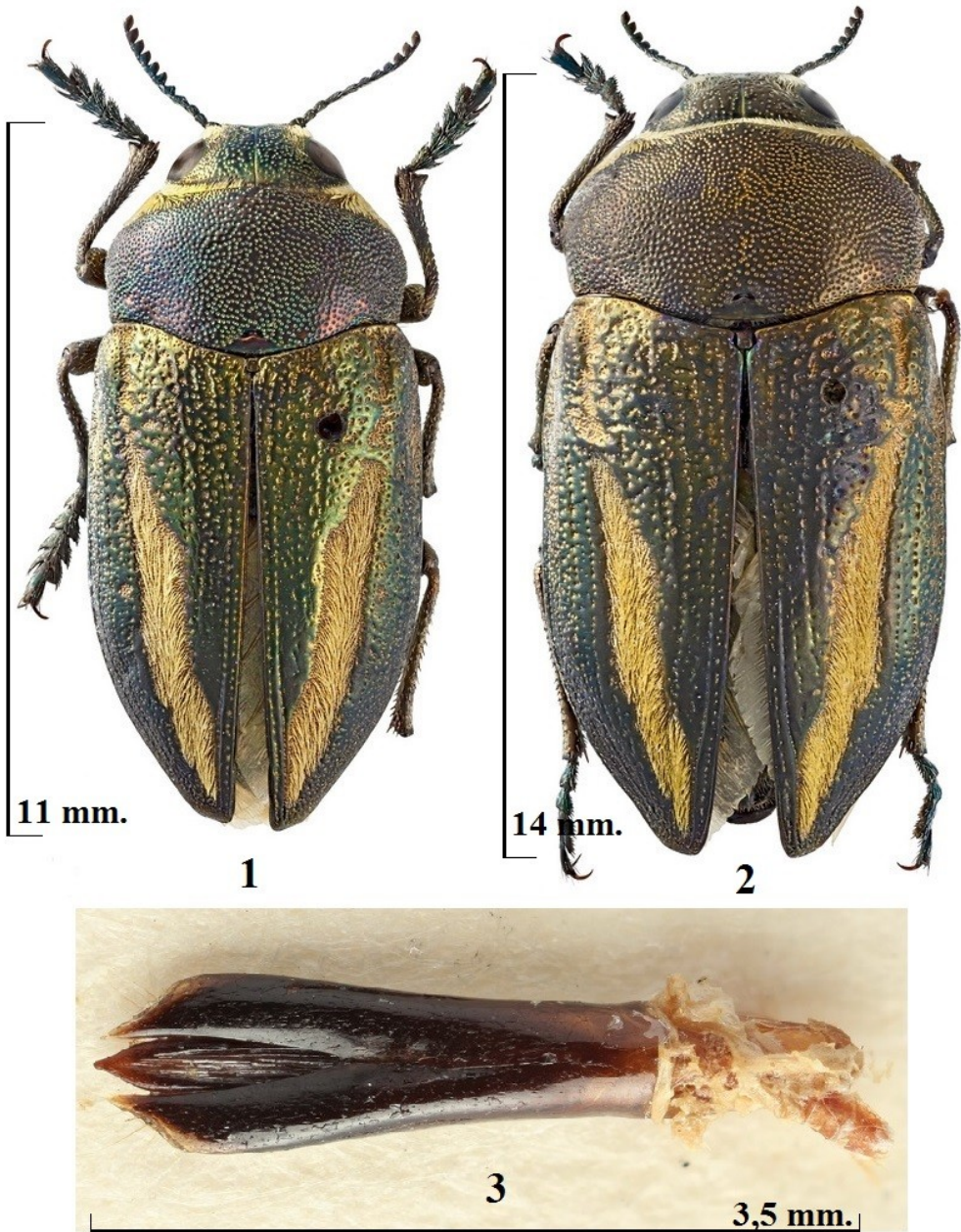


Fig. 1. *Cyphosoma turcomanicum*, male, Nushki env., 18.VI.2014, Z. Ahmed leg. (photo Vlastimil Mihal, Přerov, Czech Republic). **Fig. 2.** *Cyphosoma turcomanicum*, female, Nushki env., 15.VI.2016, Z. Ahmed leg. (photo Vlastimil Mihal, Přerov, Czech Republic). **Fig. 3.** *Cyphosoma turcomanicum*, male aedeagus, (photo Lukáš Sekerka, National Museum, Prague).

Abbreviations of the collections/ Colecciones estudiadas: ITVC – collection of Ilya Trojan, Velké Němčice, CZ; MNBC – collection of Martin Němec, Brno, CZ; NMPC – collection of the National Museum, Prague, CZ; ZAKC – collection of Zubair Ahmed, Karachi, PAK.

Cyphosoma turcomanicum (Kraatz, 1883):

Material studied: PAKISTAN, Balochistan Prov., Nushki [env.], 18.VI.2014, 1 ♂, Z. Ahmed leg., ITVC (**Fig. 1**); 15.VI.2016, 1 ♂ and 1 ♀, Z. Ahmed leg., I. Trojan det., ITVC (♀ –**Fig. 2**) and ZAKC (♂); all three specimens from Nushki env. collected individually on branchlets of *Tamarix* sp. near the water reservoir (29°33'11.37"N, 66°00'20.36"E) in the evening.

Additional material (not sexed / sin sexar): AFGHANISTAN: Afganist., Kuschke [probably Kushka vill., Balkh Prov., N Afghanistan: 36°47'48"N 66°34'1"E], 1 spec.; IRAN: 9.VI. 2000, Sistan va Baluchestan Prov., Bampur env., 685 m., (27°24'N, 60°25'E), Iran 2000 Czech Biological Expedition, J. Hájek & M. Mikát leg., 1 spec.; N-Iran – Golestan Prov., Lake Ala Gol, Halophylic [halophilic], 37°22'N, 54°35'E, 17 m., 15.-17.V.2001, E. Heiss, 1 spec.; TURKMENIA: Transcaspian, Tedshen [oasis Tedshen, SE Turkmenia, near Merv], 12 spec.; Transcaspian, Oase Tedshen, 8.1903., coll. [=lgt.] Hauser, 2 spec.; Turkest., Ashabad [Ashgabat], 2 spec.; Transcaspia, Kisil Arwat [Kyzyl-Arvat, now Serdar city, SW Turkmenia], F. Hauser [lgt.], 1898, 1 spec.; Копетдаг [Kopetdag (= Kopet Dag)], 12 км [km] SW [of] Кизыл-Арв. [Kizyl-Arv. (=Kyzyl-Arvat, now Serdar city), Крыжановский [Kryzhanovskiy lgt.], 13.VI.[1]953, 1 spec. in NMPC; Мешхед-и-Мессериан [Meshkhed-i-Messerian (= probably Meshed-Messerian Plain)], Зап. Туркмения [Zap. Turkmeniya (=western Turkmenistan)], Волкович [Volkovich lgt.], 6.VII.[1]973, 1 spec. in NMPC; Дол. р. Вахш [Dol. r. Vakhsh (=Vakhsh River Valley)], 6 км [km] W [of] Куйбышевска [Kuibyshvskaja], Кириченко [Kirichenko lgt.], 15.VII.[1]943, 1 spec. and 27.VII.[1]943, 1 spec. in NMPC.; UZBEKISTAN: Buchara [Bukhara, SW Uzbekistan], Laczó J. [lgt.], 1 spec. (all these specimens deposited in NMPC and determined or revised by V. Kubáň, 2006). **Distribution:** Iran, Afghanistan, Turkmenistan, Uzbekistan, Tadjikistan (Bellamy 2008, Kubáň 2006, 2016). Pakistan (reported by Kubáň (2016) without precise data).

Cyphosoma lawsoniae orientalis (Bílý, 1983):

Material studied: IRAN: Baluchistan, Bahu Kalat, 3.-4.iv.1973, holotype ♂; Baluchistan, 55-78 km NNW of Tis, Pish mant riv., 8.iv.1973, paratype ♂, NMPC – see Bílý (1983); INDIA: Främre [=Front] Indien, Suratgarh [Radjastan Prov.: 29°19'25.38"N, 73°53'57.33"E], 3.53 [March 1953], David Hummel [lgt.], 2 spec.

Distribution: Iran, India (Kubáň 2016).

Cyphosoma lawsoniae lawsoniae (Chevrolat, 1838):

Material studied: ALGERIA: Bône, 2 spec.; Alger, 5 spec.; “Algeria”, 6 spec.; Tassili N’Ajjer, Mare d’Issaouane, 16.x.1957, Ph. de Miré, 1 spec.; EGYPT: “Egypte”, 1 spec.; FRANCE: “Corsica”, 1 spec.; ITALY: “Sardinia”, 6 spec.; “Sicilia”, 3 spec.; MOROCCO: “Tanger”, 8 spec.; SPAIN: Cadiz: Chiclana: 17.vi.1994, 1 spec., 18.vi.1996, 1 spec., La Nava, 7.vii.1999, 1 spec., all P. Coello leg. (all these specimens deposited in NMPC and determined or revised by V. Kubáň and I. Trojan); TUNISIA NE: Tabarka (Tabarquah) env., 36°57'16"N, 8°45'29"E, Oued El Kebir, lower part of

I. Trojan & Z. Ahmed. First record of *Cyphosoma turcomanicum* (Kraatz, 1883) (Coleoptera: Buprestidae) from Pakistan

Atatfas Valley, 3.-6.vi.2007, I. Trojan & M. Němec leg., 292 spec., ITVC, MNBC and NMPC – see Trojan (2009).

Distribution: Algeria, Egypt, France (Corse), Italy (Sardinia, Sicily), Libya, Morocco, Portugal, Spain, Tunisia (Bellamy 2008, Kubáň 2006, 2016).

RESULTS

Precise data on jewel beetle *Cyphosoma turcomanicum* (Kraatz, 1883) from Pakistan are presented for the first time based on three specimens collected by the second author (ZA) in the vicinity of Nushki town in Balochistan province. This record represents the easternmost known locality for this species.

RESULTADOS

Se informa por vez primera de datos concretos sobre la presencia en Pakistan del buprestido *Cyphosoma turcomanicum* (Kraatz, 1883), basados en la captura de tres ejemplares capturados por el segundo autor (ZA) en los alrededores de la ciudad de Nushki, provincia de Baluchistán. Esta cita representa la localidad más oriental de la especie.

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