

FAUNISTIC RECORDS FROM THE CZECH REPUBLIC – 238

Coleoptera: Carabidae

Bembidion (Bracteon) argenteolum Ahrens, 1812. Bohemia bor., Děčín – Podskalí (5151), 20.iv.2004, 1 ♂, cut-off meander on the right side of the river Labe, gravel-sand edge of a pool, L. Blažej lgt. et coll., P. Moravec det.; Děčín-Loubí (5151), 25.iv.2006, 1 ♀, gravel-sand bank of the river Labe, L. Blažej lgt., det. et coll., 30.iv.2006, 2 ♀♀, L. Blažej, J. Farkač, M. Häckel & R. Sehnal lgt., L. Blažej det., coll. J. Farkač et R. Sehnal, 1.v.2006, 1 ♀, L. Blažej, P. Moravec & P. Vonička lgt., L. Blažej det., coll. P. Vonička. North-Palaearctic species distributed from France and the British Isles to the Far East of Russia, in Central Europe known from all countries including Poland (Marggi et al. 2003, Pawłowski 1974). Mentioned by Hůrka (1996) as extinct in the Czech Republic (Bohemia and Moravia). According to Veselý et al. (2005), the species is critically endangered (information based on the specimen from April 2004). Historical findings of the species come from wider surroundings of the two recent localities, e.g. from Ústí nad Labem (square 5350 of the Czech faunistic grid mapping), Gabert lgt. (Netolitzky & Meyer 1933, Pulpán & Táborský 1983, Skoupý 2004). Vysoký (1989) mentioned old data from the localities of Klíšský potok stream, Brná, Průčelské údolí valley and Sedlo-Němčí (all in square 5350) without giving other details. In the neighbouring Saxony, the species was confirmed only from the area of Oberes Elbtal/Osterzgebirge („Dresden“) before 1945 (Gebert 2006). At the locality of Děčín-Podskalí, *B. argenteolum* was not found again in 2005 and 2006 because of rapid succession changes along the edges of the cut-off meander. It is obvious that the survival of the species in the Czech Republic depends on suitable gravel-sand banks along the river Labe, which are repeatedly disturbed by irregular changes in the water level and maintain local conditions of initial succession stages (Blažej 2006). Occurrence in the Czech Republic confirmed.

BLAŽEJ L. 2006: *Střevlíkovití (Coleoptera, Carabidae) nivy Labe v CHKO Labské pískovce*. [Ground-beetles (Coleoptera, Carabidae) of the Labe floodplain in the Labské pískovce PLA]. Unpubl. Bachelor thesis. Depon. in: Faculty of Environment, University of J. E. Purkyně, Ústí nad Labem, 86 pp (in Czech). – GEBERT J. 2006: Die Sandlaufkäfer und Laufkäfer von Sachsen. Teil 1 (Carabidae: Cicindelini – Loricerini). In: KLAUSNITZER B. & REINHART R. (eds.): Beiträge zur Insektenfauna Sachsens, Band 4. *Entomol. Nachr. Ber.*, Beiheft 10: 1–180. – HŮRKA K. 1996: *Carabidae of the Czech and Slovak Republics. Carabidae České a Slovenské republiky*. Kabourek, Zlín, 565 pp (in English and Czech). – MARGGI W. A., HUBER C., MÜLLER-MOTZFELD G. & HARTMANN M. 2003: Carabidae: Bembidiina, pp. 241–273. In: LÖBL I. & SMETANA A. (eds.): *Catalogue of Palaearctic Coleoptera. Vol. 1. Archostemata – Myxophaga – Adephaga*. Apollo Books, Stenstrup, 819 pp. – NETOLITZKY F. & MEYER P. 1933: Die Verbreitung des *Bembidion argenteolum* Ahr. *Entomol. Blätter*, 29(4): unpaginated appendix. – PAWŁOWSKI J. 1974: *Klucze do oznaczania owadów Polski, Część XIX: Chrząszcze – Coleoptera, Zeszyt 3 b: Biegaczowate – Carabidae, Podrodziny Bembidiinae, Trechinae*. PWN, Warszawa, 94 pp (in Polish). – PULPÁN J. & TÁBORSKÝ I. 1983: *Střevlíkovití severozápadních Čech (Coleoptera, Carabidae)*. (Laufkäfer Nordwestböhmens (Coleoptera, Carabidae)). *Sborn. Okres. Muz. v Mostě, Řada Přírodověd.*, 5: 1–56 (in Czech, German summary). – SKOUPÝ V. 2004: *Střevlíkovití brouci (Coleoptera: Carabidae) České a Slovenské republiky ve sbírce Jana Pulpána*. *Ground-beetles (Coleoptera: Carabidae) of the Czech and Slovak Republics of Jan Pulpán's collection*. Public History, Praha, 213 pp. + CD-ROM (in Czech and English). – VESELÝ P., MORAVEC P. & STANOVSKÝ J. 2005: Carabidae (střevlíkovití), pp. 406–411. In: FARKAČ J., KRÁL D. & ŠKORPÍK M. (eds.): *Červený seznam ohrožených druhů České republiky*.

Bezobratlí. Red list of threatened species in the Czech Republic. Invertebrates. Agentura ochrany přírody a krajiny ČR, Praha, 760 pp (in Czech and English). – VYSOKÝ V. 1989: *Střevlíkovití okresu Ústí nad Labem (Coleoptera: Carabidae). Příroda Ústecka II. [Carabidae of the Ústí nad Labem county (Coleoptera: Carabidae). Nature of Ústí nad Labem region II.]*. Český svaz ochránců přírody, Ústí nad Labem, 149 pp (in Czech).

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