

***Xylotrechus stebbingi* Gahan**
a new species for Israeli beetle fauna
(Coleoptera: Cerambycidae)

Tomáš PAVLÍČEK, Vladimir CHIKATUNOV,
Vasily KRAVCHENKO, Jakov DORCHIN, E. NEVO

Abstract: A new species of long-horned beetle, *Xylotrechus stebbingi*, is recorded for the first time from Israel. The species was originally described from Tibet by GAHAN in 1906. Recently it seems to be rapidly expanding in the Mediterranean region. It was recorded from France, Italy, Crete and now from Israel.

Keywords: Cerambycidae, *Xylotrechus*, distribution, Israel

Part of our microsite biodiversity project (described in NEVO, 1995, 1997) at Lower Nahal Oren, Mt. Carmel, Israel (a microsite known as "Evolution Canyon") has been surveyed regularly by UV light insect collection. In 1997 (15th May and 25th July) we collected four specimens of a long-horned beetle (family Cerambycidae) unknown to us, but recently identified as *Xylotrechus stebbingi*. This species was originally described by GAHAN (1906) from Tibet and it is also known from Northern and Southern India (SAMA & COCQUEMPOT, 1995). Correct identification was confirmed by a comparison of our specimens with beetles of the same species originating in Tibet.

In literature, *X. stebbingi* was recently recorded outside Tibet, in Italy, France and Crete (DIOLY & VIGANO, 1990; BRUGNOLA, 1996, SAMA & COCQUEMPOT, 1995). BRUGNOLA (1996) and SAMA & COCQUEMPOT (1995) described the following host plants of *X. stebbingi*: *Quercus pubescens*, *Q. robur*, *Morus alba*, *Ulmus campestris*, *Populus* sp., *Rhus coriaria*, *Alnus* sp. and *Ficus carica*. We do not know the host tree species in Israel, but *X. stebbingi* seems to be very polyphagous and its host plant spectrum includes wild species and cultivated tree species. The collected and identified specimens of *X. stebbingi* are deposited in the entomological collection at the Department of Zoology, Tel Aviv University.

Bibliography

- BRUGNOLA, R. (1996): Notes su Alcuni Interessanti Cerambicidi della Coleottero-fauna Marchigiana (Italia, Marche, Pesaro-Valle del Foglia). – *Lambillionea* **XCVI**:571-580.
- DIOLY, P. & VIGANO, C. (1990): Presenza in Vatellina di un cerambice nuovo per la Fauna italiana: *Xylotrechus stebbingi* Gahan, 1906. – *Atti Mus. civ. Stor. nat. Morbengo* **1**:7-10.
- GAHAN, C. J. (1906): The Fauna of British India, including Ceylon and Burma. Coleoptera Cerambycidae. - Ed. Lt. Col. C. T. Bingham, New Dehli. 329 pp.
- NEVO, E. (1995): Asian, African and European biota meet at "Evolution Canyon", Israel: Local tests of global biodiversity and genetic diversity patterns. – *Proc. R. Soc. Lond. B* **262**:149-155.
- (1997): Evolution in action across phylogeny caused by microclimatic stresses at "Evolution Canyon". – *Theor. Pop. Biol.* **52**:231-243.
- SAMA, G. & COCQUEMPOT, Ch. (1995): Note sur l'extension européenne de *Xylotrechus stebbingi* Gahan, 1906 (Coleoptera, Cerambycidae, Clytini). – *L'Entomologiste* **51**:71-75.

Address for communication:

Dr. Tomáš PAVLÍČEK, Institute of Evolution, University of Haifa, Mt. Carmel, Haifa 31905, Israel.

Kollegienkontakte

Bitte um Mithilfe

Revision der Coleoptera Bostrichoidea (Lyctidae und Bostrichidae)

Diese Revision der Bostrichoidea und ihrer Verbreitung in Mitteleuropa und angrenzenden Ländern erscheint nicht nur aufgrund einiger Neumeldungen fremdländischer Vertreter notwendig. Deshalb bitte ich alle Kolleginnen und Kollegen, mir ihre Lyctiden- und Bostrichidenfunde aus Mitteleuropa i. w. S. mitzuteilen, wenn möglich, unter Angabe näherer Fundumstände. Auch Einzelmeldungen der für „häufiger“ geltenden Arten (z. B. *Lyctus linearis* Goeze) sind wichtig (Postkarte genügt)!

Zweifelhafte Determinanda können zur Überprüfung eingesandt werden an:

Klaus-Ulrich GEIS, Schauinslandstraße 22, D-79100 Freiburg.

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Mitteilungen des Internationalen Entomologischen Vereins](#)

Jahr/Year: 1998

Band/Volume: [23_1-2_1998](#)

Autor(en)/Author(s): Pavlicek Tomáš, Chikatunov Vladimir, Kravchenko Vasilij D., Nevo Eviatar, Dorchin Jakob

Artikel/Article: [Xylotrechus stebbingi Gahan a new species for Israeli beetle fauna 73-74](#)