



A new species of *Aspidophorodon* Verma (Hemiptera, Aphididae) from the Altai Republic

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Abstract

Aspidophorodon (*Eoessigia*) *vera*, **sp. nov.** is described from specimens collected in the Altai Republic on *Pentaphylloides fruticosa*. Apterous viviparous females are described and illustrated, and biometric data provided. This aphid species is closely related to *A. (E.) indica* (David, Rajasingh et Narayanan, 1972). Type specimens are deposited at the Institute of Systematics and Ecology of Animals, Siberian Branch of the Russian Academy of Sciences (Novosibirsk, Russia), the Zoological Institute, the Russian Academy of Sciences (St. Petersburg, Russia), and the Natural History Museum (London, England).

Key words: Aphididae, *Aspidophorodon* (*Eoessigia*) *vera*, new species, the Altai

Introduction

In July 2006 and 2009 apterous viviparous females of a new species of aphid (Hemiptera, Aphididae) were found on the leaves of *Pentaphylloides fruticosa* (Rosaceae) in high mountain regions of the Altai during expeditions organized by the Institute of Systematics and Ecology of Animals, Siberian Branch of the Russian Academy of Sciences. This species is described here as belonging to subgenus *Eoessigia* David, Rajasingh et Narayanan, 1972 of genus *Aspidophorodon* Verma, 1966.

All measurements (in microns), number of setae, rhinaria, etc., and indexes are presented by extreme variants and arithmetical means, for example 309–440 (383).

Aspidophorodon (*Eoessigia*) *vera* sp.nov.

(Figs. 1–9)

Type material. *Holotype*: apterous viviparous female, No. 13085, slide No 2, specimen No 3 (right specimen in lower row), *Aspidophorodon vera* sp. nov., 02 VII 2006, the Altai Republic, Kosh–Agachsky Region, southern macroslope of the South-Chuysky Mountain Ridge, in the lower reaches of the Tara River, *Pentaphylloides fruticosa* (Rosaceae) on the underside of leaves along their margins. Leg. T.A. Novgorodova and V.S. Sorokina. *Paratypes*: 29 apterous females on 18 slides, same data as for holotype; 23 apterous females on 23 slides "*Aspidophorodon vera* sp. nov., No 13191, 11 VII 2009, the Altai Republic, Kosh–Agachsky Region, in the lower reaches of the Tara River, altitude of 2200 m, *Pentaphylloides fruticosa*, on the underside of leaves along their margins. Leg. T.A. Novgorodova".

Etymology. The species has been named after Vera S. Sorokina in gratitude for her help in collecting the samples.

Description. Apterous viviparous female. Body elongated-eggshaped, wide in the thoracic part and gradually narrower to end of abdomen, 2.0–2.4 (2.1) times as long as wide. Light green, without slightly waxy