

IDENTITY OF *CHRYSOMELA JAVANICA* THUNBERG, 1787 (COLEOPTERA: CHRYSOMELIDAE, TENEBRIONIDAE)

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Abstract.— Based on a study of holotype, *Chrysomela javanica* Thunberg, 1787 was proved to be a representative of the genus *Tetraphyllus* Castelnau & Brullé, 1831 and is therefore transferred from Chrysomelidae to Tenebrionidae. New combination *Tetraphyllus javanicus* (Thunberg, 1787) (**comb. nov.**) is proposed. *Tetraphyllus javanicus* is redescribed and compared with its closest relative *T. iridescens* Ando, 1991. Colour photos of habitus of the type specimens of both taxa are presented. The checklist for all known species of the genus *Tetraphyllus* along with their known distribution is given.



Key words.— Coleoptera, Chrysomelidae, Chrysomelinae, Tenebrionidae, Stenochiinae, *Tetraphyllus*, taxonomy, new combination, Indonesia, Java

INTRODUCTION

Carl Peter Thunberg (1743–1828), one of the pupils of Carl Linnaeus, was a Swedish physician and naturalist. Between 1771 and 1779 he undertook several journeys to exotic destinations such as Cape Province, Java, Japan and Sri Lanka, specifically, visiting Java twice in 1775 (1 month) and in 1777 (6 months). In the several areas which he visited, Thunberg studied intensively their flora and also collected some animals, including insects. His collection is now deposited in Evolutionmuseet in Uppsala. For Thunberg's biographical sketch and summary of his expeditions see Forbes (1986).

In the beginning of 2015, one of us (JB) visited Uppsala to study the type specimens of Chrysomelidae described by Thunberg. During the examination of this material it was found that *Chrysomela javanica* Thunberg, 1787 is not a representative of Chrysomelidae but of Tenebrionidae and belongs to the genus *Tetraphyllus* (Thunberg's types of Tenebrionidae were studied in detail by Ferrer in 2009).

Although *Chrysomela javanica* was listed in several catalogues in the genus *Phyllocharis* Dalman, 1824 (Chrysomelidae: Chrysomelinae) (Gemminger and Harold 1874, Weise 1916, Kimoto 1984), its true identity had been uncertain until now. *Chrysomela javanica* does not meet the criteria of the Art. 23.9.1 (ICZN) to be a nomen oblitum as it was listed as valid species after 1900 (Weise 1916, Kimoto 1984).

MATERIAL AND METHODS

The examined material is housed in the following collections:

CKAO – Private collection of Kiyoshi Ando, Osaka, Japan;

UUZM – Museum of Evolution, Uppsala University, Sweden (Hans Mejlou).

Exact label data are cited for the type specimens; a double slash (//) divides the data on different labels and a single slash (/) divides the data in different lines.