

**Revision of the Palaearctic species of the *Coccinella transversoguttata* species group with notes on some other species of the genus (Coleoptera: Coccinellidae)**

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**Abstract.** Palaearctic species belonging to the *Coccinella transversoguttata* species group are revised and redescribed: *C. transversoguttata transversoguttata* Faldermann, 1835, *C. magnopunctata* Rybakow, 1889, and *C. marussii* Kapur, 1973. *Coccinella marussii* sensu FÜRSCH (1981) from Turkey is recognized as a new species – *C. hodeki* sp. nov. Notes on some other Palaearctic species of *Coccinella* Linnaeus, 1758 are given with respect to the prepared new ‘Catalogue of Palaearctic Coleoptera’. *Coccinella tibetina* Kapur, 1963 is regarded as a valid species, not a synonym of *C. saucerottii* Mulsant, 1850. *Neococcinella* Savoyskaya, 1969 is synonymized with *Spilota* Billberg, 1820 and *Spilota* is confirmed as a valid subgenus including three species: *Coccinella alpigrada* (Iablokoff-Khnzorian, 1957), *C. miranda* Wollaston, 1864 and *C. undecimpunctata* Linnaeus, 1758. The name *C. venusta* (Weise, 1979) is removed from the synonymy with *C. adalioides* Capra, 1944. *Coccinella iranica* Dobrzanskiy, 1926 and *C. alpigrada* are new for Turkey.

**Key words.** Coccinellidae, *Coccinella*, Palaearctic region, taxonomy, new species, new subgenus combination, faunistics, China, India, Iran, Kazakhstan, Kyrgyzstan, Mongolia, Nepal, Pakistan, Russia, Turkey

### Introduction

The genus *Coccinella* Linnaeus, 1758, involving important aphidophagous species, is principally distributed in the Holarctic region. Only a minority of species reached the Oriental and/or Australian regions. As for its phylogenetic position, the genus is closely related to the Afrotropical *Lioadalia* Crotch, 1874 and, through a peculiar Palaearctic genus *Aaages* Barovskiy, 1926, to a large complex of species of the Holarctic genera *Ceratomegilla* Crotch, 1873 and *Hippodamia* Chevrolat, 1836. Species of the genus *Coccinella* in a broad concept