



Book review. Zhang Yalin, Che Yanli, Meng Rui and Wang Yinglun. Hemiptera. Caliscelidae. Issidae. Insecta. Vol. 70. Fauna Sinica. Beijing: Science Press, 2020. 655 pp. + 43 photo plates. ISBN 978-7-03-066217-0

V.M. Gnezdilov

Zoological Institute, Russian Academy of Sciences, Universitetskaya Emb. 1, St. Petersburg 199034, Russia.

E-mails: vgnezdilov@zin.ru, vmgnezdilov@mail.ru

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В.М. Гнездилов

Зоологический институт Российской академии наук, Университетская наб. 1, 199034 Санкт-Петербург, Россия; e-mails: vgnezdilov@zin.ru, vmgnezdilov@mail.ru

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In late 2020 an important contribution to the knowledge of Chinese Auchenorrhyncha was published as 70th volume of Fauna Sinica. The book was submitted to the Publishing House in June 2018 and issued by 26th November 2020 (Mrs. Xueze Han, Editor in charge of Fauna Sinica, and Prof. Dr. Yalin Zhang pers. comm.). Thus more than two years passed between these dates and accordingly several names of family and species ranks established in the book became synonymies as during this period of time the series of papers on Chinese Caliscelidae and Issidae were published by other authors (Gnezdilov, in press). However despite it the published book does not lose its value for taxonomists and people interested in Chinese and Oriental Hemiptera.

This comprehensive work covering 14 genera in five tribes and two subfamilies, with 34 species of the family Caliscelidae Amyot et Serville and 60 genera in four subfamilies, with 219 species of the family Issidae Spinola, with general data on morphology, ecology and history of taxonomy of these groups. Five new species were described in Caliscelidae and one new subfamily, 12 new genera and 40 new species were described in Issidae. The book is supplied by the

tables with data on distribution of caliscelid and issid genera of World fauna through the zoogeographical realms, with indication of number of species for every genus and number of species known from China as well as indication of Chinese endemics (Tables 4, 5). Another table presents the distribution of the species in Chinese provinces (Table 8). All legends to the figures are provided with English translations making easier working with the illustrations. Long English summary of 100 pages with taxonomic descriptions and keys is given.

It looks strange that, despite Fauna format, far not all species are illustrated, in particular those included in previously published monograph by Chen et al. (2014). From another hand many new taxa included in the book are described by Prof. Dr. Daozhen Qin (Yangling, China) as a co-author, however, he is not included as a co-author of the book. The alphabetical index contains no references to the pages of English summary.

In the Caliscelidae part F.X. Fieber is indicated as an author of the tribe Peltonotellini, however, it is not correct. Emeljanov (2008) showed that Fieber (1872) erected the family Peltonotidae, with the

type genus *Peltonotus* Mulsant et Rey, 1855, while Peltonotellini was erected by Emeljanov (2008), with the type genus *Peltonotellus* Puton, 1886 as *nomen novum* pro Peltonotidae Fieber. Thus the author of Peltonotellini is A.F. Emeljanov (Gnezdilov 2013). The subfamily Ommatidiotinae Fieber is divided into three tribes, however, without subtribal subdivision of the tribe Adenissini Dlabola proposed by Gnezdilov and Wilson (2006). Actually three subtribes of Adenissini (Bocrina Emeljanov, 1999, Coinquendina Gnezdilov et Wilson, 2006, and Pteriliina Gnezdilov et Wilson, 2006) are presented in Chinese fauna. The authors also missed the paper by Emeljanov (2015) on the genus *Caliscelis* Laporte, with subgeneric subdivision. In particular, Emeljanov (2015) placed *Caliscelis triplicata* Che, Wang et Zhang, 2011 in synonymy under *C. wallengreni* Stål, 1863 and accommodated all Chinese species of the genus in the subgenus *Bambula* Emeljanov, 2015.

The family Issidae is divided into four subfamilies, however, without tribal and subtribal subdivisions proposed by Wang et al. (2016) in their paper on phylogeny and taxonomy of the family. Establishing of a new subfamily Superciliarinae Meng, Qin et Wang, 2020, erected for a single genus *Superciliaris* Meng, Qin et Wang, 2020 comprising two species from Hainan Island, looks unjustified as the genus *Superciliaris* morphologically close to the members of the tribe Hemisphaeriini Melichar (Gnezdilov, in press). *Gelastystrella* Yang, 1994 is treated as a monotypic genus despite the synonymization of it with *Thabena* Stål, 1866 proposed by Gnezdilov (2009) based on external morphological characters including male genitalia structure. The authors are informed already that *Sarimissus* Meng, Qin et Wang, 2020 is *nomen preoccupatum* as *Sarimissus* Wang, Zhang et Bourgoin, 2019 was described in Issidae one year before (Wang et al. 2019) and soon after placed in synonymy under *Nikomiklukha* Gnezdilov, 2010 (Gnezdilov 2020). *Fortunia* Distant, 1909 is indicated as a type genus of the subfamily Parahiraeciinae which is incorrect as originally this subfamily was erected for the genus *Parahiracia* Ôuchi, 1940 (Cheng and Yang 1991) even later this name was placed in synonymy under *Fortunia* (Gnezdilov et al. 2004). According to ICZN (Art. 61.1.3) “once fixed, name-bearing types are stable and provide objective continuity in the application of names, thus the name-bearing type of any nominal taxon, once fixed

in conformity with the provisions of the Code, is not subject to change”.

Taking into account the comments above, the published 70th volume of Fauna Sinica will serve as a valuable tool for study of planthoppers of the World and particular the Indo-Chinese Region.

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