



## Twelve new species-group replacement names and further nomenclatural notes on Lycaenidae (Lepidoptera)

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### Abstract

Twelve new species-group names in Lycaenidae are proposed to replace invalid ones due to primary or secondary homonymy: *Arhopala ariana wanggu* (for *Arhopala ariana hainana* Wang & Gu, 1997), *Arhopala paraganesa felipa* (for *Arhopala paraganesa hayashii* Schröder & Treadaway, 2002), *Arhopala paraganesa insula* (for *Panchala paraganesa hainana* Wang & Gu, 1997), *Favonius leechina* (for *Thecla orientalis leechi* Riley, 1939), *Jamides cleodus sunadyl* (for *Lampides cleodus lydanus* Fruhstorfer, 1916), *Lycaena aditya charmesse* (for *Lycaena aditya churkini* Charmeux & Desse, 2006), *Lycaena alpherakii sergeii* (for *Thersamonia alpherakii zhdankoi* Churkin, 2002), *Megisba strongyle miskinigra* (for *Lycaena nigra* Miskin, 1890), *Plebejus (Agriades) glandon manitoba* (for *Plebeius aquilo* var. *lacustris* Freeman, 1939), *Plebejus (Albulina) orbitulus chaos* (for *Albulina tibetana* D'Abrera, 1993), *Plebejus (Vacciniina) fergana nikolaii* (for *Vacciniina fergana rubini* Churkin, 2006), and *Plebejus (Plebejides) pylaon tumultus* (for *Plebejus (Plebejides) pylaon forsteri* Bálint, 1990). Nine other junior secondary homonyms are discussed, but no new replacement names are proposed for them because they are no longer considered congeneric with their senior homonyms. Attention is called to three further junior primary homonyms in use which need to be referred to the International Commission on Zoological Nomenclature for a ruling under its plenary power.

**Key words:** Homonyms, Lycaenidae, nomenclature, replacement names

### Introduction

During preparation of a comprehensive synonymical list of the Lycaenidae (Lepidoptera: Papilionoidea) of the world, for the "Global Butterfly Names" project ([www.ucl.ac.uk/taxome/gbn/](http://www.ucl.ac.uk/taxome/gbn/)) numerous nomenclatural problems were encountered. Among them, 358 available species-group names were found to be junior – primary or secondary – homonyms. Such junior homonyms are invalid for nomenclatural purposes (ICZN, 1999: Art. 57) and need to be replaced either by an available and potentially valid synonym or, for lack of such a name, by a new substitute name (ICZN, 1999: Art. 60). The vast majority of junior homonyms recorded have already been substituted by previous authors, or are regarded as junior objective or subjective synonyms, and thus in no need to be replaced under present taxonomic hypotheses. For instance, four homonymous names of Afrotropical Lycaenidae were replaced recently by the author (Lamas, 2007). However, there remains a set of 24 homonyms in use which have not been substituted yet, have no available and potentially valid synonyms, and which form the subject of the present paper.

For the first group of 12 homonyms, new replacement names (*nomina nova*) are presented below, in a list arranged alphabetically by current genus.