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Revision of the Oriental species of the *Bengalia peuhi* species-group (Diptera, Calliphoridae)

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Abstract

The Oriental species of the *Bengalia peuhi* species-group are revised and their male genitalia illustrated by means of digital colour photography. A key to males is presented, complete synonymies are given for all the species and their geographical distribution reconsidered. The 13 Oriental species making up the group are: *Bengalia emarginata* Malloch, 1927 (China, Laos, Malaysia, Nepal, Philippines, Singapore, Taiwan, Thailand, Vietnam); *B. emarginatoides* **sp. nov.** (India, Sri Lanka); *B. emdeniella* (Lehrer, 2005), **comb. nov.** (China); *B. fani* Feng & Wei, 1998 (China); *B. inermis* Malloch, 1927 (Philippines); *B. latro* de Meijere, 1910 (Indonesia); *B. lyneborgi* James, 1966 (Philippines); *B. pseudovaricolor* Kurahashi & Tumrasvin, 1979 (Thailand); *B. surcoufi* Senior-White, 1923 (India, Nepal, Pakistan, Vietnam); *B. taksina* (Lehrer, 2005), **comb. nov.** (Laos, Malaysia, Nepal, Thailand, Vietnam); *B. unicolor* Séguy, 1946 (Pakistan); *B. varicolor* (Fabricius, 1805) (China, India, Indonesia, Japan, Laos, Malaysia, Pakistan, Singapore, Sri Lanka, Taiwan, Thailand, Vietnam); and *B. weii* **sp. nov.** (China). A lectotype is designated for *Bengalia latro* to fix the interpretation of the name. *Bengalia bezzii* Senior-White, 1923 is established as a junior synonym of *Musca varicolor* Fabricius, 1805, **syn. nov.** *Bengalia chromatella* Séguy, 1946 and *Bengalia pallidicoxa* Séguy, 1946 are treated as junior synonyms of *Musca varicolor* Fabricius, 1805, **syn. nov.** *Afridigalia bezziella* Lehrer, 2005 is established as a junior synonym of *Bengalia emarginata* Malloch, 1927, **syn. nov.** *Afridigalia pinatuba* Lehrer, 2005 and *Ashokiana ramsdalei* Lehrer, 2005 are established as junior synonyms of *Bengalia inermis* Malloch, 1927, **syn. nov.** *Ashokiana ramsdalei* and *Afridigalia laguna* Lehrer, 2005 are both based on a holotype with a partly destroyed aedeagus. *Afridigalia tenggeria* Lehrer, 2006 is established as a junior synonym of *Bengalia latro* de Meijere, 1910, **syn. nov.** *Afridigalia thaisia* Lehrer, 2008 is established as a junior synonym of *Afridigalia taksina* Lehrer, 2005, **syn. nov.** The Afrotropical *Afridigalia walkeriana* Lehrer, 2005 is established as a junior synonym of *Bengalia depressa* Walker, 1858, **syn. nov.** The Afrotropical *Afridigalia zouloupyga* Lehrer, 2006 is established as a junior synonym of *Bengalia floccosa* Wulp, 1885, **syn. nov.** *Afridigalia arawakia* Lehrer, 2006 is established as a junior synonym of *Bengalia peuhi* Villeneuve, 1914, **syn. nov.** *Bengalia taiwanensis* Fan, 1965, not a member of the *peuhi* species-group, is established as a junior synonym of *Bengalia fuscipennis* Bezzi, 1913, **syn. nov.** Sri Lanka is deleted from the distributional range of this species. New morphological terms are introduced for the description of the aedeagus. The ovipositor is described for *Bengalia emarginata* and *Bengalia lyneborgi*. A preliminary phylogenetic analysis is performed using NONA and Pee-Wee.

Key words: Diptera, Calliphoridae, *Bengalia*, revision, new species, new synonyms, Oriental Region, phylogeny