

SOME NOMENCLATRURAL CHANGES FOR BLATTODEA AND DICTYONEURIDA (=PALAEODICTOPTERA)

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ABSTRACT: Three junior homonyms were detected among the genus group names of Blattodea (1) and Dictyoneurida (2) and the following replacement names are proposed: *Hongoblatta* nom. nov. for *Latiblatta* Hong, 2002; *Hongius* nom. nov. for *Palaeoneura* Hong, 1985 and *Mongolianus* nom. nov. for *Mongolodictya* Sinitshenkova, 1992. Accordingly, new combinations are herein proposed for the species currently included in these genus group names respectively: *Hongoblatta orientalis* (Hong, 2002) comb. nov. and *Hongoblatta spinosa* (Hong, 2002) comb. nov. from *Latiblatta* Hong, 2002; *Hongius giligonensis* (Hong, 1985) comb. nov. from *Palaeoneura* Hong, 1985 and *Mongolianus callidus* (Sinitshenkova, 1992) comb. nov. from *Mongolodictya* Sinitshenkova, 1992. As a result of these nomenclatural changes, a family group name Mongolianidae nom. nov. is also proposed for Mongolodictyidae Sinitshenkova, 1992.

KEY WORDS: nomenclatural changes, homonymy, replacement names, Blattodea, Dictyoneurida.

Three proposed genus group names in the order Blattodea (1) and Dictyoneurida (2) are nomenclaturally invalid, as the genus group names have already been used by different authors in other animal groups (Insecta and Bryozoa). In accordance with Article 60 of the International Code of Zoological Nomenclature, I propose substitute names for these names.

Order BLATTODEA

Superfamily BLABEROIDEA

Family BLABERIDAE

Genus *HONGOBLATTA* NOM. NOV.

Latiblatta Hong, 2002. Amber insects of China. Beijing Science and Technology Press Beijing: 23 (Blattodea: Blaberidae). Preoccupied by *Latiblatta* Vishniakova, 1968. In Rohdendorf [Ed.] [Jurassic insects of the Karatau.] Nauka, Moscow: 77. (Blattodea: Mesoblattinidae).

Remarks on nomenclatural change: The name *Latiblatta* was initially introduced by Vishniakova, 1968 for a jurassic fossil genus of the cockroach family Mesoblattinidae (with the type species *Latiblatta lativalvata* Vishniakova, 1968 from Kazakhstan). Recently Hong, 2002 described an eocenic amber fossil cockroach genus from China under the same generic name (with the type species *Latiblatta spinosa* Hong, 2002). It is still used as a valid genus name. Thus, the genus group name *Latiblatta* Hong, 2002 is a junior homonym of the genus *Latiblatta*

Vishniakova, 1968. So I propose a new replacement name *Hongoblatta* nom. nov. for the genus name *Latiblatta* Hong, 2002.

Etymology: This genus is named after the current author of *Latiblatta*, Y. Hong.

Summary of nomenclatural changes:

Hongoblatta **nom. nov.**

= *Latiblatta* Hong, 2002 (non Vishniakova, 1968).

Hongoblatta orientalis (Hong, 2002) **comb. nov.**

= *Latiblatta orientalis* Hong, 2002 [China; amber; Fossil; Eocene]

Hongoblatta spinosa (Hong, 2002) **comb. nov.**

= *Latiblatta spinosa* Hong, 2002 [China; amber; Fossil; Eocene]

Order DICTYONEURIDA (=PALAEODICTYOPTERA)

Superfamily DICTYONEUROIDEA

Family DICTYONEURIDAE

Genus *HONGIUS* NOM. NOV.

Palaeoneura Hong, 1985. Entomotaxonomia 7 (2): 85. (Dictyoneurida=Palaeodictyoptera: Dictyoneuridae). Preoccupied by *Palaeoneura* Waterhouse, 1915. Trans. ent. Soc. London, 1914, 537. (Hymenoptera: Mymaridae).

Remarks on nomenclatural change: Hong (1985) described the monotypic fossil genus *Palaeoneura* with the type species *Palaeoneura giligonensis* Hong, 1985 in Dictyoneurida. Unfortunately, the generic name was already preoccupied by Waterhouse (1915), who had proposed the genus name *Palaeoneura* with the type species *Palaeoneura interrupta* Waterhouse, 1915 by subsequent designation in the hymenopteran family Mymaridae. The genus includes three species as *Palaeoneura evanescens* Waterhouse, 1915; *Palaeoneura interrupta* Waterhouse, 1915 and *Palaeoneura turneri* Waterhouse, 1915. Thus, the genus *Palaeoneura* Hong, 1985 is a junior homonym of the generic name *Palaeoneura* Waterhouse, 1915. So I propose a new replacement name *Hongi* nom. nov. for *Palaeoneura* Hong, 1985.

Etymology: This genus is named after the current author of *Palaeoneura*, Y. Hong.

Summary of nomenclatural changes:

Hongi **nom. nov.**

= *Palaeoneura* Hong, 1985 (non Waterhouse, 1915 and nec Turner, 1923).

Hongius gilgonensis (Hong, 1985) **comb. nov.**
= *Palaeoneura gilgonensis* Hong, 1985

Superfamily CALVERTIELLOIDEA
Family MONGOLIANIDAE NOM. NOV.
Genus MONGOLIANUS NOM. NOV.

Mongolodictya Sinitshenkova, 1992. Sovmestnaya Sovetsko-Mongol'skaya Paleontologicheskaya Ekspeditsiya Trudy 41: 99. (Dictyoneurida=Palaeodictyoptera: Mongolianidae nom. nov.). Preoccupied by *Mongolodictya* Gorjunova, 1988. Sovmestnaya Sov-Mong. Paleontol. Eksped. Tr. No. 33: 10. (Bryozoa: Cystoporida: Cystodictyonidae).

Remarks on nomenclatural change: The genus group name *Mongolodictya* was firstly proposed for a bryozoan fossil genus by Gorjunova (1988) with the type species *Mongolodictya insperata* Gorjunova, 1988 by original designation from Mongolia. It is currently a valid generic name in the family Cystodictyonidae. The genus includes only 1 species as the type.

Then, the Mongolian genus *Mongolodictya* was described by Sinitshenkova (1992) with the type species *Mongolodictya callida* Sinitshenkova, 1992 by original designation (Palaeodictyoptera: Mongolodictyidae). The name is currently used as a valid generic name in Palaeodictyoptera as the type genus of the family Mongolodictyidae Sinitshenkova, 1992. The family includes one genus and species as the type.

However, the name *Mongolodictya* Sinitshenkova, 1992 is invalid under the rule of homonymy, being a junior homonym of *Mongolodictya* Gorjunova, 1988. Under the International Code of Zoological Nomenclature (ICZN 1999) it must be rejected and replaced. In accordance with article 60 of the International Code of Zoological Nomenclature, fourth edition (1999), I propose to substitute the junior homonym *Mongolodictya* Sinitshenkova, 1992 for the nomen novum *Mongolianus*.

As a result of this, *Mongolodictya* Sinitshenkova, 1992 is replaced with *Mongolianus* new name. The following new combination is established: *Mongolianus callidus* (Sinitshenkova, 1992) new combination.

In addition to this, I herein propose the replacement name Mongolianidae new name for the family name Mongolodictyidae because its type genus *Mongolodictya* Sinitshenkova, 1992 is invalid and the type genus of a family-group name must be valid.

SYSTEMATICS

Order Palaeodictyoptera
Family **Mongolianidae** new name

Mongolodictyidae Sinitshenkova, 1992: 98

Type genus.— *Mongolianus* new name.

Remarks.—The name *Mongolodictya* has been used in Palaeodictyoptera as a stem for a family-group name, and should be automatically replaced with the new name.

Genus *Mongolianus* new name

Mongolodictya Sinitshenkova, 1992: 99, junior homonym of *Mongolodictya* Gorjunova, 1988.

Type species.— *Mongolodictya callida* Sinitshenkova, 1992 by original designation.

Etymology.— from the type locality “Mongolia”.

Species account and distribution. — Only one species as the type; known from Mongolia.

The following new combination is proposed and the species is removed from *Mongolodictya* Sinitshenkova, 1992:

Mongolianus callidus (Sinitshenkova, 1992) **new combination**

Syn.: *Mongolodictya callida* Sinitshenkova, 1992

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