

## · 学术讨论 ·

编者按 科学精神主要表现为它的怀疑精神、探究精神、批评精神和宽容精神。作者洪友崇先生遵守《国际动物命名法规》,更正自己的科学成果,充分体现了他坦荡的心胸。我们赞美科学精神,同时也愿科学同行都能有这样的胸怀——敢于怀疑前人,也敢于批评自己。

## Hebeigramma nom. nov. , a new name for *Mesogramma* Hong , 1984 ( Caloneurodea )

### from the Lower Cretaceous of Hebei Province , China

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**摘要** :1984年,笔者发表河北早白垩世华脉目(Caloneurodea)的中华脉科、属 Mesogrammatidae Hong, 1984和*Mesogramma* Hong, 1984。属名与1850年Stephens采用过的鳞翅目*Mesogramma*属和1865, 1872 Loew采用过的双翅目*Mesograptus*属是异物同名,必须废除笔者后来建立的科、属学名,重新命名,以维护《法规》中命名优先权的原则。故原*Mesogramma* Hong, 1984属名重新命名为*Hebeigramma* nom.nov.。原Mesogrammatidae Hong, 1984科名随属名的更改而重新命名为Hebeigrammidae nom.nov.。在此申明。

**关键词** :早白垩世;河北;河北中华脉科;河北中华脉属

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**Abstract** : The name *Mesogramma* for Mesogrammatidae fam. nov. is preoccupied by the genera *Mesogramma* Stephens, 1985 and *Mesograptus* Loew, 1872; so the author replaces it with Hebeigrammidae. Similarly, the family name Mesogrammatidae must be replaced by Hebeigrammidae nom. nov.

**Key words** : Lower Cretaceous; Hebei Province; Mesogrammatidae; Hebeigrammidae nom. nov.

In 1984, the author described a new family, genus and species of fossil insect assigned to the Caloneurodea from the Lower Cretaceous (corresponding to the European Valanginian stage), grayish-black shale of Qingquan Village, Weichang County, Hebei Province, China. The names Mesogrammatidae and *Mesogramma divaricata* were employed (Atlas of Palaeontology of North China, II, Mesozoic Volume, 1984, Beijing: Geol. Publ. House, P. 147-148, Pl. 63, fig. 3, text fig. 22). The fossil specimen (adult) is in good conditions and conspicuously differs from the known caloneurodeans (although Rasnitsyn, 2002, has excluded it from the order).

Recently, Prof. Michael S. Engel informed the author that the name *Mesogramma* is preoccupied. *Mesogramma* had been employed by Stephens (1850) and Loew (1865) for the genera Lepidoptera and Diptera, respectively (Loew (1872) subsequently replaced his *Mesogramma* with *Mesograptus*). Thus *Mesogramma* Hong, 1984 is a junior homonym of these genera and must be replaced. Similarly, the family-group name Mesogrammatidae must accordingly be replaced. The author therefore provides the following nomenclatorial corrections for these difficulties<sup>[1-6]</sup>.

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## 1 Hebeigrammidae nom. nov.

Mesogrammatidae Hong, 1984: P.147. Type genus; *Mesogramma* Hong, 1984 (nomen praeoccupatum).

Type genus: new name for *Mesogramma* Hong, 1984

Diagnosis: As that provided by Hong (1984).

Comments: The name for this family must be replaced owing to the homonym of the type genus and in accordance with I.C.Z.N. Art. 39 (1999).

Distribution: Cretaceous of China.

Included genus: Monogeneric.

## 2 *Hebeigramma* nom. nov.

*Mesogramma* Hong, 1984: p. 147, *Nomen Praeoccupatum*. [nec *Mesogramma* Stephens, 1850 (Lepidoptera); nec *Mesogramma* Loew, 1865 (Diptera): the later replaced by *Mesograta* Loew, 1872]

Type species: *Mesogramma divaricata* Hong, 1984, monobasic and original designation.

Type species: *Mesogramma divaricata* Hong, 1984 authobasic.

Included species: *Hebeigramma divaricata* (Hong, 1984), comb. nov.

Etymology: The new genus-group name is based on the province name (Hebei). The name is feminine.

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