

关于几个叶肢介化石属名的注解

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关键词 叶肢介化石 属名注解

Bean(1836)在上个世纪曾描述过英国约克郡北部斯卡伯勒附近格里斯托普湾(Gristhorpe Bay)中侏罗统巴柔阶(相当 *E.(O.) sauzei* 带)克洛顿组(Cloughton Formation)格里斯托普层的一些化石,包括双壳类 *Unio distortus* Bean, 介形类 *Cypris concentrica* Bean 和 *Cypris arcuata* Bean (*Cypris* Müller, 1776)。嗣后不久, Jones (1862) 认为 *C. concentrica* 是一个叶肢介化石并将这个种归入了 *Estheria* Rüppell, 1837。本世纪 50 年代, 苏联学者诺沃日洛夫 (Novozhilov, 1954) 进而以它为模式种建立了 *Trigonestheria* 属, 但却没有观察模式标本。*Cypris concentrica* 的模式标本最初是共型(syntype), 附有 Bean 手写的标签 *Cypris concentrica* Bean *mihi*, 与发表文章时的插图相附。Cox 和 Arkell(1948)曾经为这个种指定过一个后选型模式标本 (lectotype, 英国自然历史博物馆馆藏号 L. 66310),但它是一个双壳类化石,属于 *Protomiodon* (现称 *Neomiodon*)属级分类单元(Cox and Arkell, 1948.; Morris, 1980)。因此,*Trigonestheria*是*Neomiodon* Fischer, 1887 的次主观同物异名(junior subjective synonym),应该给狭义的“*Trigonestheria*”属内的其余种另起一个属名,这里建议使用 *Shenestheria* gen. nov. 一名,其模式种是 *T. (Trigonetheria) perennis* Novozhilov, 1954, 亚属名与属名相同。原来在“*Trigonetheria*”属内的其它 3 个亚属的定义仍保持不变,但改归入新提议的属名之下,它们是 *Shenestheria (Trigonestheria)*, *S. (Rossoestheria)* 和 *S. (Indoestheria)*。

W. Bock 在 1953 年 1 月发表了 *Howellites* 叶肢介新属后随即被 H.B. Whittington 教授指出它是 *Howellites* Bancroft, 1945 的次异物同名 (junior homonym), W. Bock 在同年 9 月为它公布了 1 个新的替代属名 *Howellisaura*, 以符合分类命名法则。但他在 1953 年 1 月发表 *Howellites* 的同时还创立了另 1 个属名 *Estheriellites*, 小林贞一(Kobayashi, 1954)认为这两个都是 *Euestheria* Deperet et Mazeran, 1912 的后同物异名, P. Tasch (1969)在编写“古无脊椎动物学专论”鳃足类部分时也认为 *Howellisaura*(即 *Howellites* Bock) 和 *Estheriellites* 是 *Cyzicus (Euestheria)*的次同物异名。后来,沈炎彬(张文堂等, 1976)又重新启用了 *Howellites* Bock 一名,大概是没有注意到原创立人 1953 年 9 月的更正声明,也没有提及 *Estheriellites*, 但 9 年之后陈丕基和沈炎彬 (1985, p. 124) 指出 *Howellites* Bock, 1953 和 *Estheriellites* Bock, 1953 是主观同物异名,却仍把前者做为一个有效的属名继续使用。如果古生物学家们都认为这两个属是同物异名的话,那么, 1953 年 1 月发表的 *Estheriellites* Bock 一名就应该比同年 9 月宣布的 *Howellisaura* Bock (= *Howellites* Bock, 1953; non *Howe-*

Ilites Bancroft, 1945) 具有优先律,其模式种是 *Estheriella ellipsoidea* Bock, 1946。

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中国古生物学会 甲壳类学科组产生第二届领导小组成员

甲壳类学科组经会员无记名通讯选举,于1992年4月4日产生了新一届领导小组成员。7名候选人:王五力、王思恩、毕德昌、陈丕基、沈炎彬、张俊峰、舒德干均获半数以上选票当选。当选理事又通过无记名通讯选举方式,推选陈丕基研究员任组长,王思恩副研究员任副组长,沈炎彬副研究员任秘书。

学科组第一任组长张文堂研究员,多次表示希望由较年轻的同志来负责组织学术交流活动,搞得活跃些。他十分关心学科的发展,一直起着带头、指导作用。大家一致推举他为学科组名誉理事。

学科组将继续办好会员通讯。初定在明年全国古生物学会学术年会期间,举行学科组的学术交流活动,商讨今后活动的安排。希望各会员积极提出建议,以便更好地推动学科的发展。

(沈炎彬供稿)

NOTES ON SOME CONCHOSTRACAN NOMENCLATURE

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Summary

Bean (1836, p. 376) described some specimens from the horizon now known as the Gristhorpe Beds of the Cloughton Formation, Middle Jurassic, Bajocian (thought to be the *E. (O.) sauzei* zone) from the Gristhorpe Bay near Scarborough, North Yorkshire, United Kingdom. The specimens include the mollusc *Unio distortus* Bean and two ostracod species, *Cypris concentrica* Bean and *Cypris arcuata* Bean (*Cypris* Müller, 1776). Jones (1862, p. 101) believed that *C. concentrica* was a conchostracan and transferred the species to *Estheria* Rüppell, 1837. On the basis of Jones' assignment, Novozhilov (1954) nominated *C. concentrica* as the type species of this new genus *Trigonestheria* apparently without looking at the type material. The lectotype specimen (BMNH, L. 66310) of *Cypris concentrica* (selected by Cox and Arkell, 1948, p. 30) is a mollusc. It is probably a syntype and even may be the original specimen Bean figured with his handwritten label stating *Cypris concentrica* Bean *mihi*. The species was assigned to *Protomiodon* (now *Neomiodon*) by Cox and Arkell (1948, p. 30), and Morris (1980, p. 38). Thus *Trigonestheria* is a junior subjective synonym of *Neomiodon* Fischer, 1887. A new generic name is therefore required for the other species originally included in '*Trigonestheria* s.s., *T. (T.) perennis* Novozhilov, 1954, and so *Shenestheria* gen. nov. is proposed herein, with *Trigonestheria (Trigonestheria) perennis* Novozhilov, 1954 as the type species. Only the nominal subgenus is affected by this nomenclatorial act; the concepts of the other subgenera of '*Trigonestheria*' remain unchanged, but they now become *Shenestheria (Trigonorossiaia)*, *S. (Rossoestheria)* and *S. (Indoestheria)*.

Howellites Bock, January 1953 is a junior homonym of *Howellites* Bancroft, 1945. Prof. H.B. Whittington pointed out the homonym to Bock who published the replacement name of *Howellisaura* Bock, September 1953. This satisfied the then state of nomenclatural taxonomy. However, Bock (1953a) published another nominal genus *Estheriellites* Bock at the same time as the nominal genus *Howellites*. Kobayashi (1954, p. 131) synonymized both *Howellites* Bock and *Etheriellites* Bock with *Euestheria* Deperet et Mažeran, 1912. In compiling the Branchiopoda portion of the *Treatise on Invertebrate Paleontology*, Tasch (1969, R131) synonymized both *Howellisaura* (and therefore also *Howellites* Bock by inference) and *Estheriellites* with the older name *Cyzicus (Euestheria)*. Subsequently, Shen (*in Chang et al.*, 1976, p. 195) resurrected the nominal genus *Howellites* Bock, being presumably unaware of Bock's (Sept. 1953) replacement name. Shen made no mention of *Estheriellites* in this publication, but later Chen and Shen (1985, p. 124) pointed out the subjective synonymy of *Howellites* Bock with *Estheriellites* and treated *Howellites* Bock as the senior name. If these two nominal genera should be considered as synonyms, then *Estheriellites* Bock, Jan. 1953 must be the senior name over the replacement name of *Howellisaura* Bock, Sept. 1953 (= *Howellites* Bock, Jan. 1953, non *Howellites* Bancroft, 1954). The type species of *Estheriellites* is *Estheriella ellipsoidea* Bock, 1946 by original designation.