

SCIENTIFIC NOTE

A SUBSTITUTE NAME FOR A PREOCCUPIED GENUS OF SPRINGTAILS (COLLEMBOLA)

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One proposed genus name in springtails is nomenclaturally invalid, as the genus group name has already been used by a different author in Echinodermata. In accordance with Article 60 of the International Code of Zoological Nomenclature, I propose a substitute name for this genus name.

TAXONOMY

Family NEANURIDAE
Genus CASSAGNAUA nom. nov.

Pectinura Cassagnau, 1983. *Nouvelle Revue Ent.* 13 (1): 18. (Insecta: Collembola: Poduromorpha: Neanuroidea: Neanuridae: Neanurinae: Lobellini). Preoccupied by *Pectinura* Forbes, 1843. *Proc. Linn. Soc. London*, 1 (17), 167. (Echinodermata: Asterozoa: Stellerioidea: Ophiuroidea: Ophiurida: Ophiurina: Ophiodermatidae).

Remarks on nomenclatural change:

Cassagnau (1983) proposed the generic name *Pectinura* as a genus of springtails with the type species *Womersleya hongkongensis* Yosii, 1976 from Victoria peak, Hongkong. It is still used as a valid genus name.

Unfortunately, the generic name was already preoccupied by Forbes (1843), who had proposed the genus name *Pectinura* as a echinoderm genus with the type species *Pectinura vestita* Forbes, 1843. It is still used as a valid genus name (e. g. Hansson, 2001, Stöhr & O'Hara, 2008). In this genus, many species has been described by various authors until now. However, most of the species was transferred by different authors in the other valid genera. So, according to Stöhr & O'hara (2008), the genus *Pectinura* Forbes, 1843 has four species currently as *Pectinura angulata* Lyman, 1883; *Pectinura honorata* Koehler, 1904; *Pectinura verrucosa* Studer, 1876 and *Pectinura vestita* Forbes, 1843.

Thus, the genus group name *Pectinura* Cassagnau, 1983 is a junior homonym of the generic name *Pectinura* Forbes, 1843. So I propose a new replacement name *Cassagnaua* **nom. nov.** for *Pectinura*

Cassagnau, 1983. The name is dedicated to P. Cassagnau who is current author of the preexisting genus *Pectinura*.

Summary of nomenclatural changes:

Cassagnaua **nom. nov.**

pro *Pectinura* Cassagnau, 1983 (non Forbes, 1843)

Cassagnaua hongkongensis (Yosii, 1976) **comb. nov.**

from *Pectinura hongkongensis* (Yosii, 1976)

Womersleya hongkongensis Yosii, 1976

LITERATURE CITED

Cassagnau, P. 1983. Un nouveau modèle phylogénétique chez les Collemboles Neanurinae. *Nouv. Rev. Ent.*, 13 (1): 3-27.

Forbes, E. 1843. Report on the molluscs and radiata of the Aegean Sea and on their distribution considered as bearing on geology. *Rept. Brit. Acad. Adv. Sci.*, 13: 130-93.

Hansson, H. G. 2001. Echinodermata, In: Costello, M. J. et al. (Ed.) (2001). European register of marine species: a check-list of the marine species in Europe and a bibliography of guides to their identification. *Collection Patrimoines Naturels*, 50: 336-351.

International Commission of Zoological Nomenclature. 1999. *International Code of Zoological Nomenclature*. Fourth Edition. The International Trust for Zoological Nomenclature, London.

Stöhr, S. & O'Hara, T. 2007. World Ophiuroidea database. Available online at <http://www.marinespecies.org/ophiuroidea>. Consulted on 2008-08-06.