

**NEW FAMILY AND GENUS NAMES, FAHRIYEIDAE
NOM. NOV. AND *FAHRIYEA* NOM. NOV., FOR SPICIDAE
AND THE TYPE GENUS *SPICA* TERMIER & TERMIER,
1977 (PORIFERA: DEMOSPONGIAE: AGELASIDA)**

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[**Özdikmen, H.** 2009. New family and genus names, Fahriyeidae nom. nov. and *Fahriyea* nom. nov., for Spicidae and the type genus *Spica* Termier & Termier, 1977 (Demospongiae: Agelasida). *Munis Entomology & Zoology*, 4 (1): 190-192]

ABSTRACT: A junior homonym was detected among the sponge genus group names and the following replacement name is proposed: *Fahriyea* nom. nov. for *Spica* Termier & Termier, 1977. Accordingly, new combinations are herein proposed for the species currently included in this genus. *Fahriyea spica* (Termier & Termier, 1977) comb. nov. and *Fahriyea texana* (Rigby & Bell, 2006) comb. nov.. In addition, I propose the replacement name Fahriyeidae new name for the family name Spicidae.

KEY WORDS: nomenclatural change, homonymy, replacement name, Spicidae, *Spica*, sponges.

Remarks on nomenclatural change

Firstly, the moth genus name *Spica* was erected by Swinhoe (1889) with the type species *Spica luteola* Swinhoe, 1889 by monotypy from Sikkim (India) in Lepidoptera (Drepanoidea: Drepanidae: Thyatrinae). It is still used as a valid genus name (e. g. Smetacek, 2002).

Subsequently, the fossil genus *Spica* was described by Termier & Termier (1977) with the type species *Spica spica* Termier & Termier, 1977 by original designation in Agelasida (Demospongiae). The name is currently used as a valid generic name among sponges as the type genus of the family Spicidae Termier & Termier, 1977. It was synonymized subjectively with *Fistulospongina* by Finks et al. (2004). Then, it was revalidated by Rigby & Bell (2006). So it is still used as a valid genus (Senowbari-Daryan & Rigby, 1988; Weidlich & Senowbari-Daryan, 1996; Rigby & Bell, 2006).

However, the name *Spica* Termier & Termier, 1977 is invalid under the rule of homonymy, being a junior homonym of *Spica* Swinhoe, 1889. 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 *Spica* Termier & Termier, 1977 for the nomen novum *Fahriyea*. As a result of this, *Spica* Termier & Termier, 1977 is replaced with *Fahriyea* new name. The following new combination is established: *Fahriyea spica* (Termier & Termier, 1977) new combination, along with two another new combination for all two valid species currently included in *Spica* Termier & Termier, 1977.

In addition to this, I herein propose the replacement name Fahriyeidae new name for the family name Spicidae Termier & Termier, 1977 because its type genus *Spica* Termier & Termier, 1977 is invalid and the type genus of a family-group name must be valid.

SYSTEMATICS

Order Agelasida

Family **Fahriyeidae** new name

Spicidae Termier & Termier, 1977

Type genus.— *Fahriyea* new name.

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

Genus **Fahriyea** new name

Spica Termier & Termier, 1977, junior homonym of *Spica* Swinhoe, 1889.

Spica Termier & Termier, 1977. In Termier, Termier & Vachard, *Palaeontographica* (A) 156: 41. (Demospongiae: Ceractinomorpha: Agelasida: Fahriyeidae nom. nov.). Preoccupied by *Spica* Swinhoe, 1889. *Proc. zool. Soc. London*, 1889, 424. (Insecta: Lepidoptera: Drepanoidea: Drepanidae: Thyatrinae).

Type species.— *Spica spica* Termier & Termier, 1977 by original designation.

Etymology.— The new genus name is dedicated to my elder sister Fahriye Özdikmen (Demirer) from Turkey. It is feminine in gender.

Species account. — Two species.

The following new combinations are proposed and the species is removed from *Spica*:

Fahriyea spica (Termier & Termier, 1977) **new combination**
from *Spica spica* Termier & Termier, 1977

Fahriyea texana (Rigby & Bell, 2006) **new combination**
from *Spica texana* Rigby & Bell, 2006

LITERATURE CITED

Finks, R. M., Reid, R. E. H. & Rigby, J. K. 2004. Porifera (Demospongea, Hexactinellida, Heteractinida, Calcarea). Treatise on Invertebrate Paleontology Part E, Revised E (3): 1-872.

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

Rigby, J. K. & Bell, G. L. Jr. 2006. Sponges from the Reef Trail Member of the Upper Guadalupian (Permian) Bell Canyon Formation, Guadalupe Mountains National Park, Texas. *Journal of Paleontology*, 80 (5): 1-42.

Senowbari-Daryan, B. & Rigby, J. K. 1988. Upper Permian segmented sponges from Djebel Tebaga, Tunisia. *Facies*, 19: 171-250.

Smetacek, P. 2002. Notes on new records of hooktip moths, Lepidoptera.: Drepanidae, from the Kumaon and Garhwal Himalaya. *Journal, Bombay Natural History Society*, 99 (3): 446-454.

Swinhoe, C. 1889. On new Indian Lepidoptera, chiefly Heterocera. *Proc. zool. Soc. Lond.* 1889 (4): 396-431.

Termier, H. & Termier, G. 1977. Paléontologie des Invertébrés, in *Monographie paléontologique des affleurements permians du Djebel Tebaga (Sud Tunisien)*. *Palaeontographica Abteilung A*, 156 (1-3): 25-99.

Weidlich, O. & Senowbari-Daryan, B. 1996. Late Permian 'Sphinctozoans' from reefal blocks of the Ba'id area, Oman Mountains. *Journal of Paleontology*, 70 (1): 27-46.