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辻 彰洋<sup>1</sup>・David M. Williams<sup>2</sup> : 淡水産中心目珪藻 *Aulacoseira pusilla* (f.meister) Tuji et Houki のタイプ観察

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Akihiro Tuji<sup>1</sup> and David M. Williams<sup>2</sup> : Type examination of the freshwater centric diatom *Aulacoseira pusilla* (F.Meister) Tuji et Houki

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#### Abstract

A slide in the Tempère & Peragallo exsiccata set (Tempère & Peragallo 1913), which is thought to be an isotype material for *Melosira pusilla* F.Meister, was examined. The form of frustules, density of striae and position and number of rimoportulae, agree with the specimen examined from Katata lagoon, Shiga Pref. supporting the results of Tuji & Houki (2004), who proposed the new combination, *Aulacoseira pusilla* (F.Meister) Tuji et Houki. *Aulacoseira subborealis* (Nygaard) Denys, Muylaert & Krammer may also be a synonym of this taxon.

Key index words : *Aulacoseira subarctica*, *Aulacoseira subborealis*, Lake Suwa, *Melosira pusilla*, rimoportula, Tempère & Peragallo collection