

Nos. 41.

Prepared from TNS-AL-56487 in TNS.

This culture strain was prepared from the sample (TNS-AL-56374 in TNS).

Lake Kitaura, Ibaraki Pref. Coll. A. Tuji 13/3/08.

Aulacoseira pusilla (F.Meister) Tuji et Houki, Bull. Natn. Sci. Mus. Tokyo ser. B. **30**: 38. 2004.

≡ *Melosira pusilla* F.Meister, Arch. Hydrobiol. **8**: 306. pl. IV. f. 2. 1913.

Synonym: *Aulacoseira subborealis* (Nygaard) Denys, Muylaert & Krammer, Nova Hedw. **77**: 410.

Type locality: Lake Suwa, Nagano Pref., Japan.

Lectotype: A slide numbered "A3/61" with Meister's label in BRM, designated by Tuji et Houki, Bull. Natn. Sci. Mus. Tokyo ser. B **30**: 38. f. 55-60. 2004.

SEM examination: Tuji & Houki, Lake Biwa Study Monogr. **7**: 33. pl. 11. f. 1. pl. 12. f. 1-2. 2001.

Mantle height / valve diameter ratio are variable in this strain. This ratio may no be good character for the identification of *Aulacoseira* species.

