

Nos. 53.

Prepared from TNS-AL-56521 in TNS. This culture strain was prepared from TNS-AL-56348 in TNS. Lake Yuno, Tochigi Pref. Coll. A. Tuji 28/ii/08.

Aulacoseira subarctica* var. *tenuis (Hust.) Tuji et Houki, Bull. Nat. Sci. Mus. ser. B. **30**: 39. 2004.

Basionym: *Melosira longispina* var. *tenuis* Hust. in Huber-Pestalozzi, Phytopl. Susw. **2**: 339. pl. 115, f. 469b. 1942.

Lectotype (designated in Simonsen 1987): A/2/22 in the Hustedt collection (BRM), Figs. 460/4, 5 in Simonsen (1987).

Type locality: Lake Yuno, Tochigi Prefecture, Japan.

This is endemic taxa to Lake Cyuzenji. It is one of *Aulacoseira subarctica* species complex (Tuji & Houki 2004).

