

No. 125

Prepared from strain Ak1080 (voucher specimens: TNS-AL-62080 in TNS). This culture strain was prepared from a planktonic sample collected in Lake Shikotsu, Hokkaido Pref. Coll. A. Tuji 21/xii/13.

*Aulacoseira italica* (Ehrenb.) Simonsen 1979, p. 60.

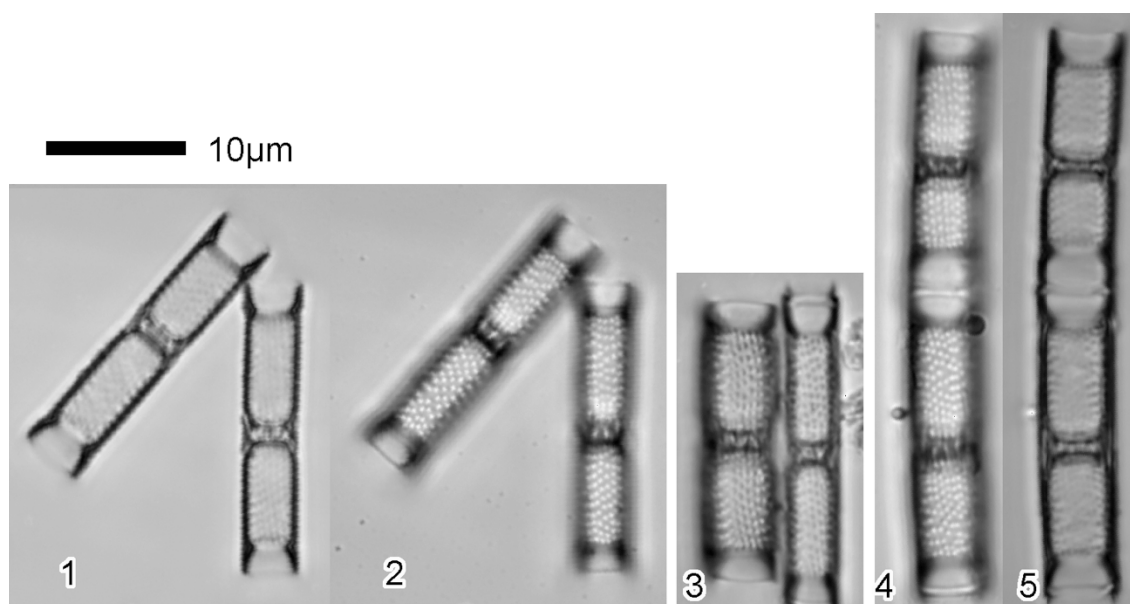
≡ *Gaillonella italica* Ehrenb. 1838, p. 171; pl. 10, fig. 6.

Lectotype (designated in Crawford et al. 2003): BHUPM Ehrenberg-Collection : 290706 a red.

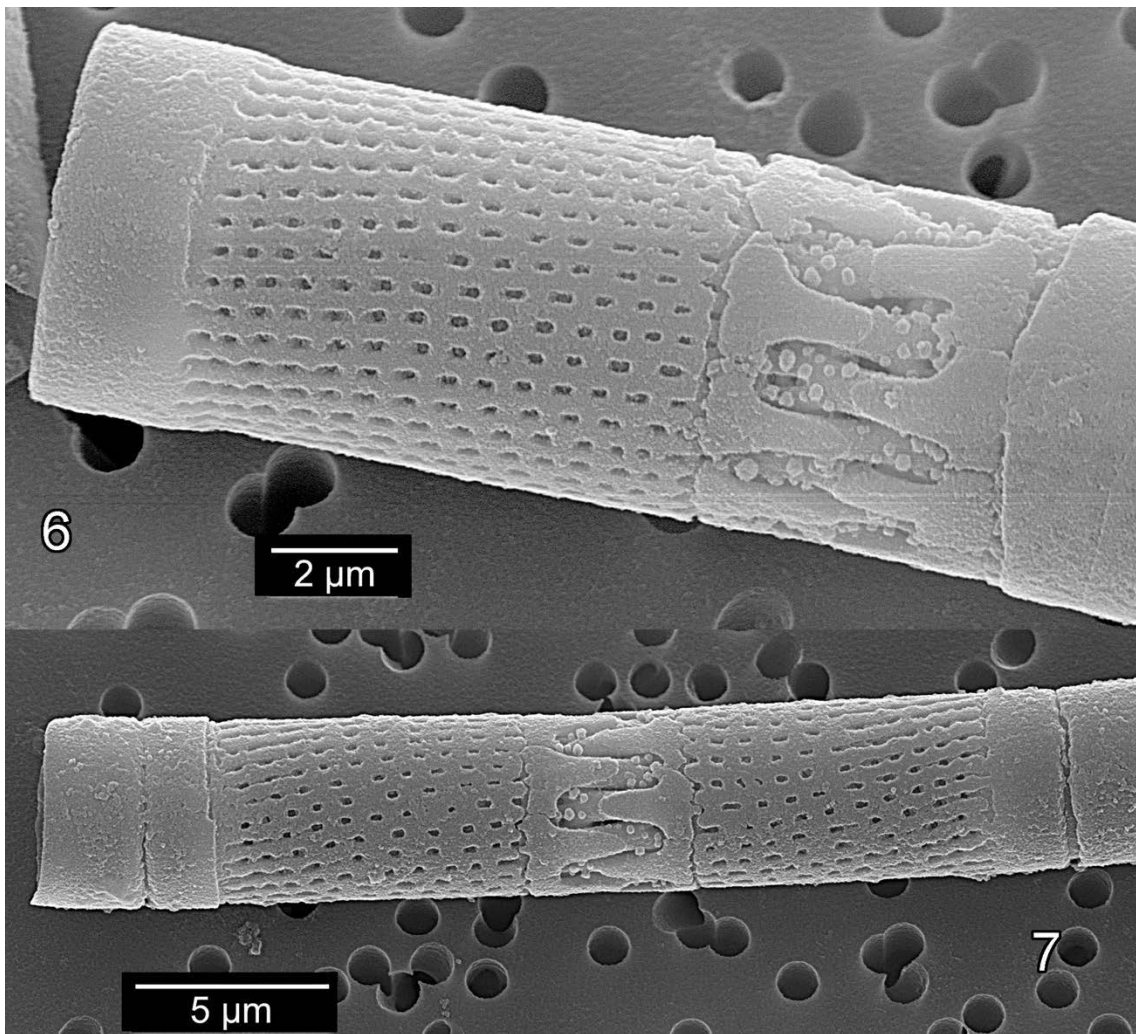
Type locality: Diatomaceous earth from Santa Fiora, collected by Klaproth.

*A. italica* has also been reported in a benthic sample from Lake Shirarutoro, Hokkaido in nos 54 and 55. The sample from Lake Shikotsu was collected using plankton net.

There are many granules on the linking spines. These granules are also found the specimens from Lake Shirarutoro. Crawford et al. (2003) examined type materials for this taxon. Our observation agree with the description in this paper.



Figs 1-5. *Aulacoseira italica* (LM).



Figs 6-7. *Aulacoseira italica* (SEM).