

**Nos. 111.**

Prepared from strain Ak937 (voucher specimens: TNS-AL-61937 in TNS). This culture strain was prepared from sample 1305-St9, Lake Kasumigaura, Ibaraki Pref. Coll. Megumi Nakagawa, 8/v/2013.

*Nitzschia fruticosa* Hust., Abh. Naturw. Ver. Bremen **34**: 349. f. 81-82. 1957.

This taxon made star-like colony, and has a planktonic habitat. It is common in many Japanese lakes and reservoirs including Lake Kasumigaura. It was confused with *N. holsatica* Hust., however, *N. fruticosa* was more large than *N. holsatica*.

