

No. 124

Prepared from strain Ak1056 (voucher specimens: TNS-AL-62056 in TNS). This culture strain was prepared from a specimen (TNS-AL-58291 in TNS) found in Nakaikemi Moor, Fukui Pref., Japan. Coll. A. Tuji, 16/ii/2014.

Neidium minus Tosh.Watan. et al. ex Tuji sp. nov.

(Fig. 1-6)

Valves broadly lanceolate, length 12-16 μ m, breadth 4.0-4.5 μ m. Sternum narrow and linear, central area rectangular and expanded. Striae almost parallel throughout, 35-38 in 10 μ m. Areolae circular to fusiform, 20-30 in 10 μ m.

Similar to *Neidium tenuissimum* Hust. or *N. alpinum* Hust., however, both of these taxa have convergent striae (Simonsen 1987) and hence differ from *Neidium minus*.

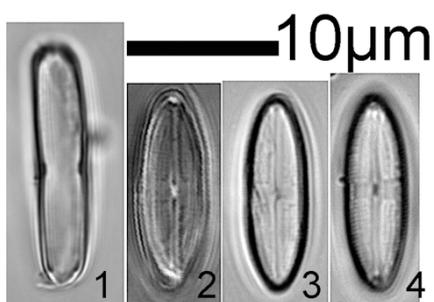
Watanabe et al. (2005) described *Neidium minor* nom. nud. from Ichi-numa pond, Shiga Highlands, Nagano Pref., Japan. *Neidium minor* nom. nud. Is the same taxon as described here.

Holotype: slide TNS-AL-62056s in TNS.

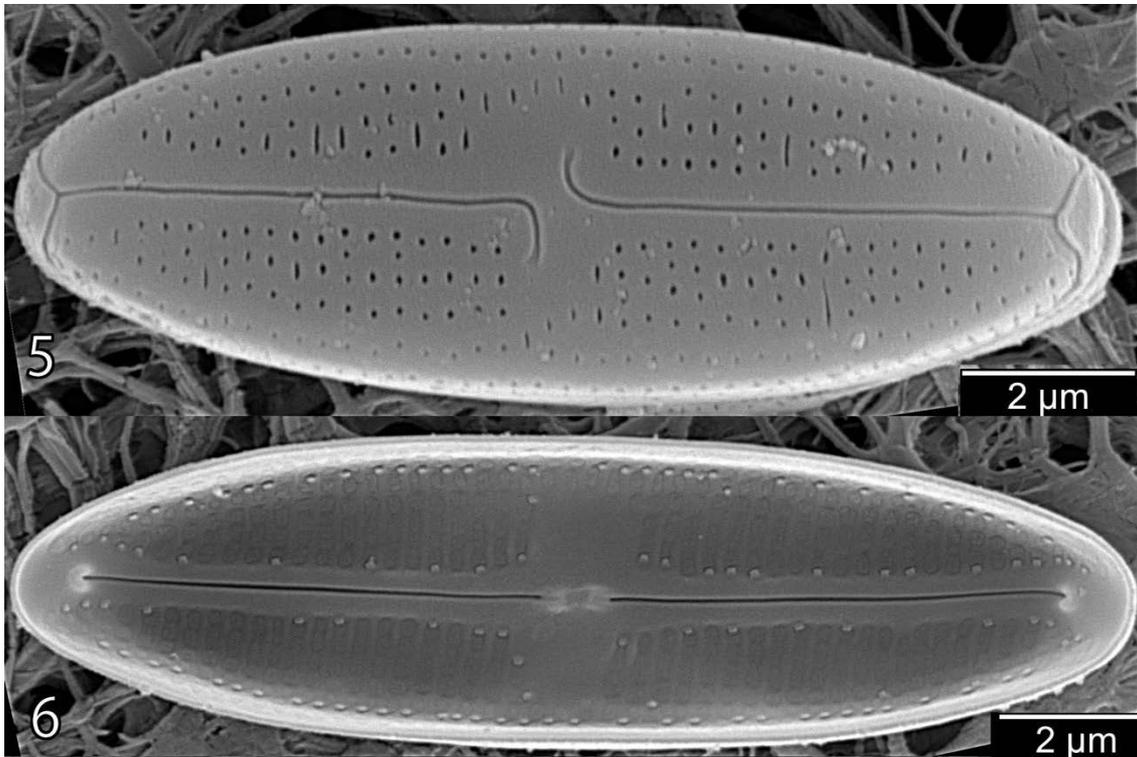
Isotype: raw material TNS-AL-62056m and TNS-AL-58291 in TNS; no. 124 in *Algae Aquae Dulcis Japonicae Exsiccatae*. Fasc. 7. 2016.

Type locality: Nakaikemi Moor, Fukui Pref., Japan.

Synonym: *Neidium minor* nom. nud. sensu Watanabe et al. 2005, p. 248. *pl. IIB3-8, f. 7-10*.



Figs 1-4. *Neidium minus* Tosh.Watan. et al. ex Tuji sp. nov. (LM).



Figs 5, 6. *Neidium minus* Tosh.Watan. et al. ex Tuji sp. nov. (SEM).