

**Nos. 004**

Genta-shimizu spring, Hachimantai, Iwate Pref., Japan. [39°57' N, 140°51' E from a map]

EC: 24, pH: 5.6, WT: 4.0.

Date: 29/viii/1995.

Coll. T. Watanabe (duplicate of TNS-AL-TW-12018 in TNS).

*Diatoma maxima* (Grunow) Fricke in A.W.F.Schmidt, Atlas Diat. pl. 267. f. 7-11. 1906.

≡ *Odontidium anomalum* var. *maximum* Grunow, Verh. Zool.-bot. ges. Wein 12: pl. 4. f. 4. 1862.

(Figs 2-8)

SEM examination: D.M.Williams, Bibl. Diat. 8: 139-146. pl. 4. f. 35-37. pl. 17-18. 1985.

Ecology: oligosaprobic, rare.

*Diatoma mesodon* (Ehrenb.) Kütz., Bacill. 47. pl. 17. f. xiii. 1844.

(Fig. 1)

