

Nos. 003

Gorogorosui-spring, R. Doro, Nara Pref., Japan.

[34°16' N, 135°54' E from a map]

EC: 175, WT: 10.3 (pH: 7.9 from a reference).

Date: 19/viii/1991.

Coll. T. Watanabe (duplicate of TNS-AL-TW-12279 in TNS).

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

≡ *Fragilaria mesodon* Ehrenb. Abh. Preuss. Akad. Wiss. Berlin 1838: 57. pl. 1.2. f. 9. 1839.

(Figs 1-4)

SEM examination: Williams, Bibl. Diat. 8: 147-155. pl. 4. f. 38-41. pl. 19. 1985.

Ecology: saproxenous, alkalibiontic.

Achnanthisidium minutissimum (Kütz.) Czarn., Proc. Int. Diat. Symp. 11: 157. 1994.

(Figs 5-10)

Ecology: indifferent, pH-circumneutral.

