## Nos. 48.

Prepared from TNS-AL-56501 in TNS. This culture strain was prepared from TNS-AL-56463 in TNS. Lake Biwa, Shiga Pref. Coll. A. Tuji 19/iii/08.

Fragilaria crotonensis Kitton, Hardw. Sci-Goss. 5: 110. f. 81. 1869.

One rimoportula exists per a valve. Very narrow apical pore field exists at each apex. This species complex includes several morphological type in Japan and may be divided to several taxa.

