

Nos. 016

Kagami-ike pond, Nara Pref., Japan.

[34°41' N, 135°50' E from a map]

Date: 2/vii/1976.

Coll. T. Watanabe (duplicate of TNS-AL-TW-10350 in TNS).

Achnanthydium microcephalum Kütz., Bacill. 75. pl. 3. f. XIII, XIX. 1844.

(Figs 1-13)

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

(Figs 14-23)

Ecology: Since the taxonomy of *A. minutissimum* species complex has been confusing, the ecology of each taxon is not clear. However, the ecology of each taxon seems to be different, and it should be very important to study the ecological difference of each taxon.

