

Diatom 17: 135-140 (英文)

篠原みど里・福島 博・小林艶子・吉武佐紀子：峰温泉と片瀬温泉（静岡県）の珪藻植生  
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Diatom assemblages of Mine Spa and Katase Spa, Central Japan

#### Abstract

Diatoms were sampled on 4 February 2001 from two spas, Mine Spa and Katase Spa located in central part of Japan. The salinity at both spas ranged from 0.08‰ to 0.28‰ and so they may be termed oligohaline according to Kolbe (1927). The dominant species at station 1 were *Pinnularia jocolata* and *Nitzschia frustulum*, while *N. frustulum*, *Cymbella pusilla*, *Amphola veneta*, *N. microcephala*, *Rhopalodia gibberula* and *P. jocolata* appeared commonly at station 2 in Mine Spa. One of the dominant species, *P. jocolata*, is regarded as tropical species, since it was originally found in tropical islands and described from a greenhouse in botanical garden in Europe. *N. frustulum* was dominant in Katase Spa.

Key index words

Diatom assemblages, halobien system, spa