

Bacteria and mineral crystals inside sand grains on Hirose riverside

Reiko Hattori[1], Yasuhiro Kasahara[2], # Tsutomu Hattori[1]

[1] Attic Lab, [2] Naist, Biological Sci.

A variety of bacteria were found in the sand grains collected from Hirose riverside in Sendai. Every grain included bacterial cells. Cells were densely covered with mineral crystals. Even after bacterial cells were inoculated on agar plate, cell surface of them was covered with crystals and fine crystals were recognized in cytoplasm.