

Evaluation of foods in Nostoc sp. HK-01

KIMURA, Yasuko^{1*}, TOMITA-YOKOTANI, Kaori², KATO Hiroshi³

¹Jumonji University, ²University of Tsukuba, ³Mie University

We have been studying future space agriculture in Mars. A cyanobacteria, Nostoc sp. HK-01, has several outer space environmental tolerance. Space environment is very a severe closed ecosystem for us. It has a possibility that this species of cyanobacteria is able to use as some foods under the emergency or severe environment. We will study the proposal of utilization of cyanobacteria, Nostoc sp HK-01, for the variation of meal under the serious environment.

Keywords: Cyanobacteria,, Nostoc sp. HK-01, food