

Evaluation of functional components in selected organisms as food after cooking in closed bio-ecosystem

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We have been studying life-support in closed bio-ecosystem to provide food and oxygen for the habitation area in the sever environment. To select the species of organisms is very important matter because it is difficult to use all the species of creature for the system. We have been proposing the several species of organism as the candidate species. In this time, we have selected and show terrestrial cyanobacteria and tree that have a possibility as high contributed materials for the induction into the closed systems. Here, we will discuss about the changes of the functional components produced from each materials, after their cooking.

Keywords: Cyanobacteria, tree plant, food, closed bio-ecosystem