

# A Study of Environmental Education Program that Cultivate a Sense of Values Toward Sea by Observation of Sessile Invertebrates in the Port

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It is hoped to environmental problems to take the independent action that turned to the solution individually. And, the opportunity to contact the problem is necessary. Then, it is indispensable for environmental problems to feel the problem, to have the problem, and to reconsider of life-style and the social system. Moreover, in the practice of the action turned to the solution, there is pointing out people is controlled by depending on each a sense of values. Therefore it seems that the environmental education program is necessary to prepare an opportunity reconsider of life-style and social system, and the experience leads to construction of a sense of values on conservation.

We have a program of 2days activities with an interval of a month about the participants of 10-12 years in the port. In program, the participants catch and observe the plankton, and observe the life histories of barnacles and polychaetes. The marine invertebrate occupies the large majority of the marine life, has a close relation in man's eating habits. But in general, it is not known that they have an interesting planktonic larval stage of different appearance and life from the adult stage. We cultivated a sense of values toward sea of the participants while understanding the connection of marine life and the time connection of exceeding generations of life through these activities.

In addition, the eutrophication advanced, and a lot of trash was tossed in the port on which the participants had acted. Therefore, after knowing the current state of the sea, activity " Who has polluted the sea?" by which it was understood to make the opportunity to reconsider our life-style, and to take part in pollution oneself was done. This is the one that " Who polluted the river?" (Hard Bargaen farm environmental center) was applied to the activity in the port of Nagoya.

In the presentation, the evaluation of the program and the problems in the future are examined from the result of the questionnaire.

