score of 100. Administration at the end of one year again yielded an average score of 100.

Results indicate that there was a positive increase in attitudes toward ecology and that there was no change in the average posttest score at the end of one year.

Questionnaires given to the students indicated very favorable attitudes toward the instructors and the course.

Almost all of the students indicated they would like to take similar courses in the future.

The instructors responded favorably to the course and also indicated a desire to continue the summer program.

Conclusion and Discussion

Although the enrollment was not large enough to implement a controlled experimental situation, results indicated that the ecology course with the inclusion of values clarifying lessons did produce significant gain scores in both achievement and attitudes toward the course. Results indicated slightly lower scores on the achievement test after one year, which would be expected. However, attitude scale results showed that there was no decrease after a one-year period.

This study seems to indicate that the inclusion of value clarifying lessons in ecology courses will produce the desired changes in student attitudes that we should all be striving for. However, the use of large groups in experimental situations would be necessary to prove this.

References


The National Marine Education Association

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On June 29, 1976 the National Marine Education Association was incorporated as a non-profit organization under the laws of the District of Columbia. The purpose of the Association, as stated in the articles of incorporation, is to encourage and promote the development of marine education, including educational and scientific research, and to make distributions to organizations that qualify under section 501(C)(3) of the Internal Revenue Code of 1954 (or the corresponding provision of any future United States Internal Revenue Law).

The initial registered office of the Association is the National Aquarium, Commerce Building, Washington, D.C. 20237. Ms. Nancy Kaufman is the initial registered agent of the association.

The Journal of Marine Education has been adopted as the official publication of the National Marine Education Association. The journal is published as an educational service of the Aegir Corporation, Post Office Box 3085, Newport Beach, California 92663, and is further supported by the University of Southern California, Institute of Marine and Coastal Studies, and the University of Hawaii, Office of Sea Grant. Currently, the journal is being published quarterly; however, plans for more frequent publication are being made.

Annual individual membership in the NMEA is $15.00. Membership in the association provides the individual with all rights of the Association as set forth in the Association by-laws. Of the several rights each member enjoys, each member is allowed one vote in matters brought up at annual business meetings. Included in the annual membership fee is a subscription to the Journal of Marine Education. Additional classes of membership are also available.

Application for membership in the Association can be made through the Executive Secretary of the Association: Thayer C. Shafer, 546-B Presidio Boulevard, San Francisco, California 94129

The Association will hold annual meetings which will be announced in the Journal of Marine Education as well as other publications.

Additional information about the Association may be obtained by contacting the Association Executive Secretary or the Association Secretary: Richard M. Schlenker, 206 Shibles Hall, University of Maine, Orono, Maine 04473

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