

Who's Working on *Eucheuma*?

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As part of ICLARM's Selective Fisheries Information Service, supported by the International Development Research Centre of Canada, we regularly perform computer literature searches for individuals using the Service (see April 1985 Newsletter, p. 12) and provide enquirers with addresses of other researchers working in the same subject area.

Following is a summary of persons/institutions doing research on the red seaweed *Eucheuma*, according to references retrieved from the Aquatic Sciences and Fisheries Abstracts (ASFA) database, 1978 to September 1985, and including others known to ICLARM staff.

There were 40 articles on *Eucheuma* in ASFA from 1978 to 1985. The major country researching this seaweed was the USA (seven institutions), while there were two institutions each in Canada (McGill and McMaster Universities), China (the Institute of Oceanology and Institute of Chemistry, Academia Sinica), Indonesia (Institute of Oceanology and Marine Fisheries Research Institute) and the Philippines (UP Marine Science Institute and Marine Colloids, Inc.).

Institutions publishing most papers on *Eucheuma* were the University of South Florida, the Indonesian Institute of Oceanology, and the University of the Philippines (UP) Marine Science Institute. However, all appear to have ceased pub-

lishing after 1981. The Florida work was on ecology, taxonomy and physiology; the Indonesians have investigated aquaculture aspects, while at the UP, studies concentrated on the carageenans derived from the seaweed. Present UP research is on biology and culture of *Eucheuma*. There are no published results yet.

The most recent references are from Canada and China, where chemistry of carageenans and polysaccharides are being researched. Amongst the grey (non-ASFA) literature is a large report of the First Philippines-US Phycology Workshop, 24 October-5 November 1984, from the Technology Resource Center, Makati, Metro Manila, Philippines.

An important volume not referenced in ASFA yet is the Proceedings of the 1983 11th International Seaweed Conference, China, published in *Hydrobiologia* (Volumes 116/117, 1984). However, only one new institution working

At the more practical and how-to-do-it level, Dr. Doty has been the pioneer. His association with *Eucheuma* goes back to the late 1950s and much of his early work was in the Philippines. The most recent publication embodying his findings, together with those of a number of Filipino researchers is:

The culture of seaweed. PCARRD Technology! Series Vol. 3, No. 3. 1981. Available from the Philippine Council for Agriculture and Resources Research and Development, Los Baños, Laguna, Philippines.

Addresses of some prominent *Eucheuma* researchers/institutions are:

Canada. Dr. C.W. Greer, Dept. Microbiol. and Immunol. McGill University, Montreal, Quebec H3A 2B4.

China. Dr. Zheng, S-Z., Institute of Chemistry, Academia Sinica, Guangzhou. Dr. Liu Sijian, Zhanjiang Fisheries College, Zhanjiang, Guangdong.

Indonesia. Dr. Sulistijo, Lembaga Oseanologi National, LIPI, Jakarta.

Philippines. Dr. G. Trono, Marine Science Institute (formerly Center) University of the Philippines, Diliman, Quezon City.

USA. Dr. C.J. Dawes, Dept. Biology, University of South Florida, Tampa, FL. Dr. M.S. Doty, Botany Dept., University of Hawaii, Honolulu, HI.

Further details are available on request from: Selective Information Service, ICLARM, MC P.O. Box 1501, Makati, Metro Manila, Philippines. This service is available free of charge to researchers in developing countries. We are best equipped to handle enquiries in our own areas of expertise—finfish aquaculture, tropical fisheries management and small-scale fisheries. A number of other information services in fisheries and aquaculture are now available. We can refer enquiries outside our expertise to one or other of those services. Most of the existing information services have been described in the ICLARM Newsletter of April 1982 and April 1984. Some new services will be included in the April 1986 Naga. ●

on *Eucheuma* was present, the Zhanjiang Fisheries College, China.

Of interest to readers is an upcoming report commissioned by FAO on "Seaweed case studies and special topics." Senior editor is Dr. M. Doty. The report is to be used as a text at a proposed FAO/Academia Sinica international seaweed workshop to be held late in 1986 in China. *Eucheuma* studies will be included.

