

BOTANICA MARINA

"Botanica marina" is a new international journal devoted to the taxonomy, morphology, ecology, physiology and chemistry of seaweeds and other marine algae. Each yearly volume will have four issues of 32 pages: additional issues will be devoted to the industry and technology of seaweed products. The first two issues include the following interesting papers:

Biebl, R., Zellphysiologische Beobachtungen an Blaszellen einiger Rotalgen

Soderstrom, J., A Swedish find of *Anti-*

thamnion cruciatum (Ag) Naegeli α *genuina* Kolderup Rosenvinge

Bergquist, P. L., A statistical approach to the ecology of *Hormosira banksii*

Schmid, O. J., Marine Rotalgen. Chemische Zusammensetzung

Manuscripts should be sent to: Professor T. Levring, Marinbotaniska Institutionen, Botaniska Tradgarden, Göteborg, Sweden. The yearly subscription of DM.28 should be sent to Verlag Cram, De Gruyter & Company, Hamburg 1, West Germany.

SYMPOSIUM ON MARINE MICROBIOLOGY

Sixty microbiologists—one half from foreign nations—will present reports of their research at a Symposium on Marine Microbiology in the Morrison Hotel, Chicago, April 20–24, 1961.

The symposium is being sponsored by the Office of Naval Research and the Society of American Bacteriologists in cooperation with the American Institute of Biological Sciences. Program chairman is Dr. Carl H. Oppenheimer of the University of Texas Institute of Marine Science, Port Aransas, Texas.

Technical papers will be presented on autotrophic and heterotrophic microorganisms, nutritional symbiosis between marine organisms, mineralization activity, fungi, viruses, algae, protozoa and phytoplankton and their ecological relationships. Basic research in these areas is expected to provide information which may lead to more complete utilization and controlled production of food materials, antibiotics, pharma-

ceuticals, and other important products of the oceans resulting from microbial activity.

Dr. Jacques Senez of Marseille, France, a marine microbiologist noted for his expositions on the philosophy of science, will deliver the annual ONR lecture as part of both the symposium program and the S.A.B. meeting. Dr. Senez also will serve as a section chairman for the symposium program.

Other section chairmen include: Prof. Wilhelm Schwartz, University of Greifswald, Greifswald, Germany; Dr. E. J. Ferguson Wood, Commonwealth Scientific and Industrial Research Organization (CSIRO), Cronulla, Australia; Dr. Ronald Hayes, Dalhousie University, Halifax, Nova Scotia; Dr. Luigi Provasoli, Haskins Laboratory, New York, N.Y.; Dr. S. C. Rittenberg, University of Southern California, Los Angeles; Dr. W. D. McElroy, Johns Hopkins University, Baltimore, Md.; and Dr. C. E. ZoBell, Scripps Institution of Oceanography, LaJolla, Calif.