

## OCEANOGRAPHIC SOCIETY OF THE PACIFIC

(Report by Rex J. Robinson)

The program opened with a luncheon at which C. McLean Fraser, of the University of British Columbia, was elected president; Erik Moberg, of the Scripps Institution of Oceanography, vice-president; and U. S. Grant IV, of the University of California at Los Angeles, member at large. The contributed papers at the two half-day sessions were well received by the hundred people in attendance. F. A. Davidson correlated the distribution of Pacific salmon with water temperature. Later J. E. Guberlet gave his personal observations on the distribution of animals in Puget Sound. The dinoflagellate genus *Ceratocorys* was discussed by H. W. Graham, as were the varieties of *Eucalamus elongatus* in the Pacific plankton by Martin W. Johnson. Studies of the metabolism of a marine flagellate were reported by Dora P. and B. S. Henry. The effect of volume on the exceptional growth of bacteria on glass surfaces in water was described by C. E. ZoBell and D. Q. Anderson. Reports by C. L. Utterback on the radioactivity of ocean bottom sediments, with L. A. Sanderman, the seasonal variation of submarine solar radiation, with E. Miller, and the scattering of submarine solar radiation, with W. Jorgensen, were of general interest. The arsenic content of certain marine organisms was

reported by E. A. Penick and E. R. Norris. R. J. Robinson and H. J. Spoor discussed the photometric silicate determination for marine waters. Variation of the B/Cl ratio for the Pacific in contrast to the constancy reported elsewhere was noted both by K. Gehring and E. G. Moberg, and by I. Igelsrud and T. G. Thompson. Seasonal variations in the waters of the San Juan Channel were reported by Lyman Phifer and T. G. Thompson. J. P. Tully suggested the use of hydrodynamic observations as a method for increasing the accuracy of surface current charts. The determination of atmospheric nitrogen in sea water was described by E. G. Moberg, R. H. Fleming and H. Nakamura. A comparison of the oxygen content of the Pacific and Atlantic Oceans was made by E. G. Moberg, R. H. Fleming and R. Revelle, who also reported oceanographic investigations between the Aleutian and Hawaiian Islands, as well as off the southern California coast. R. H. Fleming gave additional data for the Gulf of California, and the waters off the Central American coast. The waters of the Bering Sea and the North Pacific were discussed by C. A. Barnes and T. G. Thompson, while T. G. Thompson, W. C. Sands and A. J. Sorenson reported studies off the Washington, Oregon and northern California coasts.

(To be concluded)

## SCIENTIFIC EVENTS

## RESEARCH IN TROPICAL MEDICINE

THE British Medical Research Council, advised by the Tropical Medical Research Committee, which it recently appointed after consultation with the Colonial Office, has made the following announcement:

Three junior fellowships are offered immediately, for award to qualified medical men wishing to receive training with a view to careers in research work in tropical medicine. Preference will be given to candidates who have already had preliminary experience of methods of research in some branch of medical science. Subject to satisfactory reports, the fellowships will be tenable for three years. The first year will be spent at a school of tropical medicine; the second in doing research in the same or some other institution at home; and the third largely in work under direction at some center in the tropics. The stipend will be at the rates of £300, £400, and £500 per annum in the successive years, with an additional allowance during service abroad and necessary expenses.

The council has every reason to believe that men who undergo this training will be eligible and well qualified for various appointments, apart from the prospects of further employment under the scheme now announced.

In three years' time at least one senior fellowship will be available for candidates who have held the junior fel-

lowships mentioned above. This will be awarded for a further period of three years, carrying stipend at the rate of £600 to £750 per annum, with an additional allowance during service abroad and expenses. The time will be spent mainly in research work in the tropics.

The council is also prepared to consider immediate applications for senior fellowships from candidates who have had adequate experience in research work, whether already specially trained in tropical medicine or not.

The council further intends to establish in due course, as suitable investigators become available as the result of the fellowships scheme, permanent and pensionable appointments for research work in tropical medicine, including senior posts. Members of this research staff will work partly in the tropics and partly in institutions at home, to which they will be severally attached. The exact terms of service are still undecided, but they will not be less favorable than those which apply to other Government appointments at home or over-seas for men of similar professional standing.

Inquiries may be addressed to the Secretary, Tropical Medical Research Committee, 38, Old Queen Street, London, S.W.1, with whom applications should be lodged not later than October 1.