

although on a smaller scale, are being obtained in Australia and South Africa, and it is likely that much of Chile's pulp industry will be dependent on this pine. Success is also being obtained in Spain, where the increment is much higher than obtained from the indigenous conifers. The recent Food and Agriculture Forestry and Forest Products Studies, No. 14, by C. W. Scott, is a remarkably complete monograph on *P. radiata* (Pp. xii + 328. Rome: Food and Agriculture Organization of the United Nations; London: H.M.S.O., 1962. 17s. 6d.; 3.50 dollars). It begins with a detailed description of the tree in its habitat and then as an exotic. Sylviculture, management, pathology, utilization and marketing are all considered, and there are ten appendixes and a good bibliography. The illustrations are excellent. It is fortunate that a person of C. W. Scott's experience was found to prepare this monograph. Not only is he familiar with *P. radiata* in Chile but he is also a forester of great experience who knows what to record in a book to make it of real value. Throughout the monograph one appreciates the balanced outlook of the author in such statements as "The whole future of *P. radiata* and all other exotics depends on so handling them that they remain healthy and free from disastrous epidemics or soil deterioration".

#### The Society for the Study of Growth and Development

THE following have been elected officers of the Society for the Study of Growth and Development: *President*, John G. Torrey (Harvard University); *Secretary*, William A. Jensen (University of California); *Treasurer*, Dr. Marcus Singer (School of Medicine, Western Reserve University); *Editor of the symposium volume*, Dr. Michael Locko (Western Reserve University); *Member of the Executive Committee*, Dr. Clement Markert (Johns Hopkins University).

The twenty-second annual symposium of the Society will be held at the University of Connecticut during June 17-19. It will be devoted to the general topic, "Cellular Membranes in Development". Further information concerning the Society or the symposium can be obtained from Dr. William A. Jensen, Department of Botany, University of California, Berkeley 4, California.

#### The John Murray Travelling Studentships in Oceanology and Limnology

THE following awards have been made by the Council of the Royal Society of John Murray travelling studentships for research in oceanography and limnology: to M. V. Angel of the Department of Zoology, University of Bristol, to enable him to extend his experience and knowledge of marine plankton and apply the techniques developed for investigating *Daphnia* endocrine systems to marine plankton in R.R.S. *Discovery* during the International Indian Ocean Expedition; to P. Herring of the Department of Zoology, University of Cambridge, to enable him to investigate the control and functions of the vertical distributions of zooplankton in R.R.S. *Discovery* during the International Indian Ocean Expedition; to Dr. A. Prakash of the Fisheries Research Board of Canada to enable him to carry out work on the dynamics of plankton blooms, with particular reference to efficiency of primary production in tropical waters, and other studies within

the framework of the International Indian Ocean Expedition; to G. Topping of the Department of Oceanography, University of Liverpool, to enable him to carry out general chemical work and to study the distribution and variation of trace elements in sea-water aboard R.R.S. *Discovery* during the International Indian Ocean Expedition.

#### Announcements

H.R.H. PRINCE PHILIP, DUKE OF EDINBURGH, has been admitted as a Royal Fellow of the Australian Academy of Science in Canberra.

DR. F. VAN TONGEREN has joined Mr. M. D. Frank in the management of the North-Holland Publishing Co., Amsterdam.

A SYMPOSIUM on "Equatorial Geophysics", sponsored by the International Union of Scientific Radio and the Interamerican Union of Geodesy and Geophysics, will be held at the Instituto Geofísico del Perú during February 4-8. Further information can be obtained from Albert A. Giesecke, Instituto Geofísico del Perú, Apartado 3747, Lima.

THE fourth omnibus conference on "The Experimental Aspects of Nuclear-Magnetic-Resonance Spectroscopy" will be held at the Mellon Institute, Pittsburgh, Pennsylvania, during February 28-March 2. Further information can be obtained from the chairman, C. W. Wilson, Research and Development Department, Union Carbide Chemicals Company, South Charleston, West Virginia.

THE third international symposium on "Quantum Electronics", sponsored by the Office of Naval Research, the Institute of Radio Engineers and the Société Française des Electroniciens et des Radio-électriciens, will be held at the Unesco Palace, Paris, during February 11-15. Further information can be obtained from the Third International Symposium on Quantum Electronics, 7 rue de Madrid, Paris 8.

A COURSE of lectures and practical work on "The Immunological Assay of Insulin", organized by the School of Clinical Research and Postgraduate Medical Teaching, University of Cambridge, will be held in the Department of Biochemistry, University of Cambridge, during December 17-18. The course is designed for research workers and hospital laboratory workers interested in the assay of insulin in body fluids, tissue extracts, etc. The fee for the course will be two guineas. Further information can be obtained from the Secretary, the Medical School, University of Cambridge.

THE first Australian conference on "Electrochemistry", sponsored jointly by the Royal Australian Chemical Institute, the University of Tasmania and the University of New South Wales, will be held in Sydney during February 13-15 and in Hobart during February 18-20. The following topics will be under discussion: (1) Sydney, solid-state chemistry, thermodynamics of electrolytes, electro-analytical methods, applications (plating, anodizing), corrosion and theory of boundary layers; (2) Hobart, electro-winning and electro-refining, electrode processes, fused salts, fuel cells and non-aqueous electrochemistry. Further information can be obtained from Dr. Felix Gutmann, Physical Chemistry Department, University of New South Wales, P.O. Box 1, Kensington, New South Wales.