

some structure, and extrachromosomal inheritance, fungal genetics, immunogenetics, and hormones and gene expression. A. S. G.

Vistas in Analytical Chemistry. Editor-in-Chief: M. N. Sastri. [Published by S. Chand and Co. (P) Ltd., Ram Nagar, New Delhi-55], 1971. Pp. 408. Price Rs. 50.

This book is a commemoration volume brought out in honour of Prof. G. Gopala Rao on his sixtieth birthday and on the eve of his retirement from the stewardship of the Department of Chemistry, Andhra University, after 36 years of service. Prof. Gopala Rao, who is known for his researches in analytical chemistry, has also served as *Talanta* regional editor for India and Pakistan.

Thirty-three authors have contributed to the nineteen chapters of the book. The major contributions are from laboratories in USA. There are also contributions from UK, Ireland, Australia, Canada, USSR, Brazil, and Shantiniketan in India. The authors are active workers in their respective fields of study. The topics cover nearly all techniques in analytical chemistry and include spectrophotometry, fluorimetry, atomic absorption spectroscopy, nuclear methods of chemical analysis, chromatography, solvent exchange properties, complexometric titrations, chelating agents, differential thermal analysis, functional group analysis, and inorganic ultramicroanalysis, etc.

The book will be useful to students and workers in the field of analytical chemistry. A. S. G.

Guide to the Bird Gallery of the Government Museum, Madras. By S. T. Satyamurti. (The Director of Stationery and Printing, Madras), 1970. Pp. xii + 195. Price Rs. 11.30.

The author who is the Director of Museums, Madras, has brought out this useful guide-book to help the visitors of the bird gallery of the Madras Museum. The exhibited specimens consist mostly of stuffed and mounted birds, depicted as far as possible in their material, life-like attitudes.

The book gives brief outlines of the habits and other characteristic features of the species of birds exhibited. The book contains 100 plates, a few of them coloured, and an appendix containing the scientific names of the birds and their Tamil equivalents.

Though the guide is intended for the visitors of the Museum, it will be useful to bird-

watchers and laymen interested in the avifauna of South India. A. S. G.

National Institute of Nutrition. (Annual Report). (National Institute of Nutrition, Indian Council of Medical Research, Hyderabad-7, India), 1970. Pp. 140.

The Nutrition Research Laboratories, Hyderabad, have been known over the years for their pioneering work on various problems of nutrition of the country. Since their new recognition in 1968 as the "National Institute of Nutrition", the Institute has been functioning as an important unit of the Indian Council of Medical Research (ICMR) and the activities of the laboratories have been intensified and also expanded. Working in collaboration with other allied national organizations such as the Indian Council of Agricultural Research (ICAR), the Nutrition Institute has added new fields of studies both on the basic and applied aspects of nutrition. Thus, the Institute conducts field studies, and has in its training programme, regular courses for certificates, diplomas, and post-graduate degrees in nutrition, besides *ad hoc* courses on various aspects of applied nutrition. These are attended by students not only from India but also those sponsored from other South-East Asia countries.

The annual report under review covers the period 1st October 1969 to 30th September 1970, and presents in brief the results of major investigations continued and newly undertaken during the year. The investigations reported are concerned with nutritive values of foods and their fortification, toxins in foods, studies on vitamins and nutrition requirements, interaction between nutrition and infection, and between nutrition and hormones, amino-acid imbalances in nutrition, the role of leucine in pellagra, studies on pregnancy, malnutrition and mental development, etc. A. S. G.

ANNOUNCEMENTS

Summer School in Solid-State Physics

A Summer School in Solid-State Physics will be held at the Indian Institute of Science, Bangalore, from June 23 to July 9, 1971, under the auspices of the Tata Institute of Fundamental Research, Bombay. The principal speakers are Professor W. J. Huiskamp, Kamerlingh Onnes Laboratory, Leiden—Electronic and Nuclear Spin Systems at Low Temperatures; Professor K. P. Sinha, Indian

Institute of Science, Bangalore—Theory of Super-conducting State in Pure and Impure Solid Materials; and Dr. A. Jayaraman, Bell Telephone Laboratories, U.S.A.—Physics of Solids at High Pressures.

The courses are meant for active research workers in the field of experimental and theoretical Solid-State Physics. Request for participation in the School should be sent to Dr. Girish Chandra, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Bombay-5, to reach before April 17, 1971.

Eighth International Symposium on the Chemistry of Natural Products

The Eighth International Symposium on the Chemistry of Natural Products will take place during the period 6-12 February, 1972, in the buildings of the Indian National Science Academy, New Delhi. There will be ten plenary lectures by distinguished scientists. Details will be given in Circular 2. The Scientific Programme Committee will consider papers of special interest and novelty in any branch of Natural Products Chemistry. The Symposium will be devoted mainly to the following topics for which it is proposed to organise separate sections: (A) Alkaloids; (B) Polyphenolics; (C) Terpenoids and Steroids; (D) Macromolecules of Biological Interest (Proteins, Peptides, Nucleic Acids, etc.); (E) Carbohydrates, Lipids and Related Substances; and (F) Other Topics in Natural Products Chemistry including Physical Methods of Structure Determination.

Members wishing to present a paper at the Symposium are required to submit an abstract and to complete the application form to be distributed with Circular 2. The abstracts and the applications to contribute a paper for the meeting must reach the Secretary not later than 1 September, 1971.

Award of Research Degrees

Karnatak University, Dharwar, has awarded the Ph.D. degree in Botany to (Miss) B. N. Kanmani; Ph.D. degree in Chemistry to Shri L. D. Basanagoudar.

The Maharaja Sayajirao University of Baroda, has awarded the Ph.D. degree in Chemistry to Shri Ram Atmaram Balani, and

Shri Rasiklal Jamnadas Chudgar; Ph.D. degree in Physics to Shri Thakorbhai Ramchandra Joshi; Ph.D. degree in Botany to Kumari D. Kamalavalli and Kumari Ishwari Gangaram Lalchandani; Ph.D. degree in Civil Engineering to Shri Vishwanath Shridhar Thattey.

Sri Venkateswara University has awarded the Ph.D. degree in Zoology to Smt. G. Jayalakshmi; Ph.D. degree in Chemistry to Shri Y. Krishna Reddy and Shri V. Rangaiah.

Utkal University has awarded the Ph.D. degree in Zoology to Shri T. Seshagiri Rao; Ph.D. degree in Chemistry to Shri S. K. Mohanty; Ph.D. degree in Botany to Shri S. Devadath.

Osmania University, Hyderabad, has awarded the Ph.D. degree in Chemistry to Smt. B. Vijaya Lakshmi.

ICAR Grant

The Current Science Association acknowledges with thanks from the Indian Council of Agricultural Research, New Delhi, the receipt of a grant of Rs. 5,000 towards the publication of its journal, *Current Science*, during the year 1970-71.

International Conference

The Fifth International Vacuum Congress and the International Conference on Solid Surfaces will be held in Boston (U.S.A.) from 11th to 15th October 1971.

Books Received

Fortschritte der Experimentellen und Theoretischen Biophysik—Biophysik des Muskels. By Beir Leipzig and E. Ernst. (Veb-Georg Thieme, Leipzig, Absatzabteilung, DDR-69, Jena, Villengang-2), 1970. Pp. 71. Price 18 Marks.

Atoms, Molecules and Chemical Reactions—Chemistry from a Molecular Point of View. By S. W. Benson. (Addison-Wesley Pub. Co., Reading, Massachusetts), 1970. Pp. ix + 196. Price 35 sh.

Algebraic Number Theory. By Serge Lang. (Addison Wesley Pub. Co., Reading, Massachusetts), 1970. Pp. xi + 354. Price 140 sh.

Probability and Statistics. By Harry Lass and Peter Gottlieb. (Addison-Wesley Pub. Co., Reading, Massachusetts), 1970. Pp. ix + 470. Price 121 sh.