

## Seventeenth Ordinary General Meeting.

The Seventeenth Ordinary General Meeting of the National Institute of Sciences of India was held at 11 A.M. on Friday, the 29th August, 1941, in the hall of the Royal Asiatic Society of Bengal, 1 Park Street, Calcutta.

*Present:—*

Dr. B. Prashad, *President*, in the Chair.  
Prof. J. N. Mukherjee, *Vice-President*.  
Dr. B. S. Guha, *Honorary Treasurer*.  
Dr. K. N. Bagchi.  
Prof. S. R. Bose.  
Dr. H. Chaudhuri.  
Sir R. N. Chopra.  
Prof. J. Ghosh.  
Dr. S. L. Hora.  
Dr. R. B. Lal.  
Prof. S. K. Mitra.  
Dr. F. G. Percival.  
Prof. M. N. Saha.  
Dr. N. K. Sur.  
Prof. S. P. Agharkar, *Honorary Secretary*.

Besides the Fellows there were also some visitors present.

1. The minutes of the Sixteenth Ordinary General Meeting held at Delhi on the 19th April, 1941, were read and confirmed.
2. The following Ordinary Fellows were admitted as per provisions of Rule 13:

Dr. F. G. Percival.  
Dr. N. K. Sur.

3. Proposals for changes in Rules in connection with the procedure for the election of the Council, previously circulated, were considered.

Dr. H. Chaudhuri proposed that in Rule 43, line 1 'three' should be replaced by 'nine' instead of by 'six' as proposed by the Council.

The motion was seconded by Dr. S. R. Bose.

The Honorary Secretary pointed out that the result of Dr. Chaudhuri's proposal would be to prescribe that the entire Council (apart from the President, Vice-Presidents, Treasurer and the Secretaries) would be changed every two years, whereas the Council's proposal made such change obligatory every three years.

It was resolved after discussion to accept the Council's proposal.

It was also resolved to authorise the Honorary Secretary to take necessary steps to place the alterations to the Rules before the Annual General Meeting in accordance with the Rules.

4. The following papers were read:—

- (1) P. C. Bhattacharya: A search for the Double Proton. (Communicated by Prof. M. N. Saha.)
- (2) T. J. Job: Efficiency of the Killifish *Aplocheilus panchax* (Hamilton) in the control of Mosquitoes. (Communicated by Dr. S. L. Hora.)
- (3) S. Parthasarathy, S. C. Sircar and K. C. Niyogi: On the Polarisation of Light Scattered by Optical Glasses. (Communicated by Prof. M. N. Saha.)

5. The following papers were read by title only owing to the absence of the authors:—

- (1) N. R. Dhar, E. V. Seshacharyulu and N. N. Biswas: New aspects of nitrogen fixation and loss in soils.
- (2) F. C. Auluck: Energy levels of an artificially bounded Linear Oscillator. (Communicated by Dr. D. S. Kothari.)
- (3) B. Mohan: A confluent Hyper-geometric function. (Communicated by Prof. V. V. Narlikar.)
- (4) N. R. Sen: On the inversion of density gradient and convection in Stellar bodies.
- (5) R. M. Chaudhri and A. W. Khan: Secondary electron emission from Tungsten. (Communicated by Prof. M. N. Saha.)
- (6) Miss B. S. Alamela and B. B. Dey: Studies in the Isoquinoline series. Parts IX and X.
- (7) M. R. Siddiqi: On the field of operators in the theory of quaternions.
- (8) V. V. Narlikar: The Two-Body Problem in Einstein's New Relativity.
- (9) B. B. Ray and B. Bhowmik: On the K-spectra of Elements (11Na-15P) and Conduction Electrons. Part I.
- (10) B. B. Ray and S. S. Sen: Secondary K-absorption edges of iron and its compounds in the solid state and in solution.
- (11) A. M. Subba Rao: Studies in the Malpighiaceae. 2. Structure and development of the ovules and embryo-sacs of *Malpighia coccifera* Linn. and *Tristellatia australis* Linn. (Communicated by Dr. P. Maheshwari.)
- (12) S. B. Kausik: Studies in the Proteaceae. V. Vascular Anatomy of the Flower of *Grevillea robusta* Cunn. (Communicated by Dr. P. Maheshwari.)
- (13) B. N. Srivastava: Thermal Transpiration in presence of Dissociation. (Communicated by Prof. M. N. Saha.)
- (14) M. G. Sastry: Ultra-violet Band Spectrum of Mercuric Chloride. (Communicated by Prof. M. N. Saha.)
- (15) M. G. Sastry: The Ultra-violet Band Spectrum of Mercury Bromide. (Communicated by Prof. M. N. Saha.)

- (16) J. Gupta and M. P. Guha: On the Constitution of some Oxyacids of Sulphur. (Communicated by Prof. M. N. Saha.)
- (17) H. K. Sen: Polytropic Transformations for a Fermi-Dirac Gas. (Communicated by Dr. D. S. Kothari.)
- (18) F. C. Auluck: The artificially bounded relativistic Linear Oscillator. (Communicated by Dr. D. S. Kothari.)
- (19) K. Banerjee and A. K. Ray: The Structure of Jute Fibre by X-ray Diffraction Method.
- (20) Vishwa Nath: The Decapod Sperm.

The meeting terminated with a vote of thanks to the Chair.