

Twenty-first Ordinary General Meeting.

The Twenty-first Ordinary General Meeting of the National Institute of Sciences of India was held at 5-30 p.m. on Saturday, the 18th March, 1944, in the rooms of the Royal Asiatic Society of Bengal, 1 Park Street, Calcutta.

The following Fellows were present:-

Mr. W. D. West, *Additional Vice-President*, in the Chair.
Rai Bahadur K. N. Bagchi, *Honorary Treasurer*.
Rai Bahadur S. L. Hora, *Editor of Publications*.
Prof. S. P. Agharkar, *Honorary Secretary*.

Dr. S. R. Bose
Dr. P. De
Prof. P. N. Ghosh.
Prof. B. C. Guha.
Khan Bahadur I. Afzal Husain.
Dr. R. B. Lal.

Prof. G. P. Majumdar.
Dr. B. Mukerji.
Dr. H. Rakshit.
Prof. M. N. Saha.
Principal J. M. Sen.
Dr. B. P. Tribedi.

Dr. A. C. Ukil.

1. The minutes of the Ninth Annual General Meeting, held on the 30th and 31st December, 1943, at Delhi, were read and confirmed.

2. The following Ordinary Fellows were admitted as per provisions of Rule 13:-

Dr. P. De.
Dr. B. Mukerji.

Dr. H. Rakshit.
Dr. B. P. Tribedi.

3. In the absence of authors the following papers were taken as read:-

- (1) Investigations on the radioactive contents of certain Indian minerals. By B. D. Nag, Sudhendu Das and Arun Das Gupta (Communicated by Prof. M. N. Saha.)
- (2) Evidence for the production of Mesons by non-ionising unstable particles. By S. C. Sirkar and P. K. Bhattacharya.
- (3) Observation on the urinogenital organs of *Microhyla ornata* Dum. & Bibr. By J. L. Bhaduri and J. N. Rudra. (Communicated by Prof. H. K. Mookerjee.)
- (4) A hump-backed Carp, *Gatla catla* (Hamilton). By N. C. Law. (Communicated by Dr. S. C. Law.)
- (5) Fish Oogenesis with particular reference to the so-called nucleolar extrusions. By Vishwa Nath, Bharpur Singh and Abu Bakr.
- (6) On the nature of Osmiophile granules in the egg of *Pheretima posthuma* as determined by the centrifuge. By Vishwa Nath and C. L. Bhatia.
- (7) Pollution of streams and conservation of fisheries. By S. L. Hora and K. K. Nair.
- (8) On the spawning habits and development of the so-called fresh-water shark, *Wallagonia Attu* (Bloch and Schneider). By Nazir Ahmad. (Communicated by Dr. Vishwa Nath.)
- (9) A note on the theory of Fourier Series. By S. Minakshisundaram. (Communicated by Prof. M. R. Siddiqi.)
- (10) Secondary extra reflections from phloroglucine dihydrate crystals. By C. R. Bose. (Communicated by Dr. K. Banerjee.)
- (11) Permanganometric estimation of ascorbic acid. By K. S. Murti and C. R. Vishwanadham. (Communicated by Sir J. C. Ghosh.)
- (12) Saturation and Wet-bulb Temperatures. By K. Nagabhushana Rao. (Communicated by Dr. C. W. B. Normand.)

4. The following proposals of some of the Fellows for the modification of the constitution of the Institute were considered:-

- (1) Delhi should be the Headquarters of the National Institute.
- (2) It should have a charter and have statutory power on the model of the Royal Society.
- (3) There should be provision for T.A. to members of the Council of the National Institute for attending meetings.
- (4) All these conditions stand together.

(5) The National Institute should have a calendar (fixed date of meetings, etc.).

(6) Name should be Academy of Sciences of India (F.A.S.I. instead of F.N.I.).

As per direction of the Council at its meeting held on 8-3-44 the Honorary Secretary at the outset explained the procedure prescribed in the Rules of the National Institute (Rules 67-69) for ascertaining the views of the whole body of Ordinary Fellows on any question of importance. In accordance with this, a cyclostyled circular and a form for expression of their views were circulated to Resident Fellows. He also read out the following preises of the views received :-

No. of Fellows replying-85.

Item {1}: Agreeing-56. Disagreeing-12. Others agreeing on conditions.

Item (2): Agreeing-All.

Item {3}: Agreeing-47. Disagreeing-8. No remarks, etc.-5. Others agreeing on some conditions.

Item (4): Agreeing-40. Disagreeing-15. Silent-20. Others saying that they are unable to express opinion, etc.

Item (5): Agreeing-69. Others agreeing on conditions.

Item (6): Agreeing-18. Disagreeing-31. Giving other suggestions-7. Some suggested that this will be considered in consultation with co-operating Academies.

He also intimated that as the main purpose of ascertaining the Views of Fellows had already been secured, and no action in terms of the views expressed was contemplated in the immediate future, the Council recommended that further action on the subject, such as the issue of ballot papers as laid down in Rule 69, be postponed.

This recommendation was accepted after discussion.

With a vote of thanks to the chair the meeting terminated.