

PALAEOBOTANY IN INDIA — VIII

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INTRODUCTION

THIS report covers the period 1949-1952. The previous numbers have appeared as follows:

PALAEOBOTANY IN INDIA — I. (Progress report for 1939.) *Jour. Ind. Bot. Soc.* **18**(4-6): 201-208. 1940. Mimeographed copies of this report were also distributed.

PALAEOBOTANY IN INDIA — II. (Progress report for 1940.) *Ibid.* **20**(1-2): 1-9. 1941.

PALAEOBOTANY IN INDIA — III. (Progress report for 1941.) *Ibid.* **21**(3-4): 217-224. 1942.

PALAEOBOTANY IN INDIA — IV. (Progress report for 1942.) *Ibid.* **22**(2-4): 171-182. 1943.

PALAEOBOTANY IN INDIA — V. (Progress report for 1943.) *Proc. Nat. Acad. Sci. India.* **14**(1-2): 67-91. 1944.

PALAEOBOTANY IN INDIA — VI. (Progress report for 1944-46.) *Jour. Ind. Bot. Soc.* **26**(4): 241-273. 1947.

PALAEOBOTANY IN INDIA — VII. (Report for 1947-48.) *Ibid.* **29**(1): 1-46. 1950.

It is hoped to publish the future reports in *The Palaeobotanist*. The present report deals only with the Indian work, as an attempt to obtain data from other countries in Asia has so far not proved successful. The effort to get material from these countries (mainly from China and Japan) is being continued.

The present report differs from the preceding ones in that it is devoted mainly to the listing of the published work. It is intended to follow this policy in the subsequent numbers. In future reports an effort will, however, be made, space permitting, to list such of the unpublished work also as is quite complete and is of sufficient importance to merit an early announcement. Notes of a preliminary nature and illustrations will not be included as a need for these no longer exists in view of the facilities now available for the publication of fuller papers in *The Palaeobotanist*.

Thanks are due to Dr. D. C. Bhardwaj for sending out the first circular and collect-

ing a large portion of the data incorporated in this report. The second circular for obtaining additional information was issued by me on 6 March 1953. It is regretted that it is not possible to use in the report information on work in progress kindly sent by the members of the Committee in response to the first circular.

Members are requested kindly to keep a note of omissions from the bibliography given in the present report. These will be published in the form of a supplementary list with our next report.

R. V. SITHOLEY
Secretary & Editor

Birbal Sahni Institute of
Palaeobotany, Lucknow
11 April 1953

BIRBAL SAHNI INSTITUTE OF PALAEOBOTANY

Professor T. M. Harris, F.R.S., of the University of Reading, came to the Institute as Adviser for two months from December 1949 to February 1950.

Dr. O. A. Höeg, Professor of Botany at the University of Oslo, Norway, assumed charge as Director of the Institute on 24 October 1951, as a result of the agreement between Unesco (technical assistance) and the Government of India. Professor Höeg's present contract of service expires in September 1953. The other scientific staff of the Institute at present consists of: Assistant Director (Dr. R. V. SITHOLEY); Assistant Director, Museum (Dr. K. R. SURANGE); Lecturers (Drs. R. N. LAKHANPAL, D. C. BHARDWAJ, M. N. BOSE and C. P. VARMA); six research assistants (four working in research schemes financed by the Council of Scientific & Industrial Research and two with grants given by the Government of Uttar Pradesh); and four research scholars, three of whom receive Central Government scholarships and one receives a scholarship from the Assam Oil Company. A scheme of research in palynology at the Institute has also recently been sanctioned by the Council of Scientific & Industrial Research; this will employ two research

assistants. Mr. R. S. Sharma is now the Registrar of the Institute. Dr. Jen Hsü (Curator since 1948) left the Institute on 12 May 1952 to take up an appointment at the *Academica Sinica* in Nanking.

Professor R. W. Chaney of the University of Berkeley, California, visited the Institute in August 1951.

The official opening of the new building of the Birbal Sahni Institute of Palaeobotany took place on 2 January 1953. The opening ceremony was performed by the Prime Minister of India, Mr. Jawaharlal Nehru.

Professor Suzanne Leclercq of the University of Liège, Dr. Isabel Cookson of the University of Melbourne and Professor Earling Dorf of the University of Princeton visited the Institute in January 1953 and were present at the opening ceremony of the new building.

SYMPOSIA

Under the auspices of the Palaeobotanical Society a symposium on the classification of the Indian Gondwanas was held at the Institute on 10 and 11 January 1952, under the chairmanship of Dr. D. N. Wadia, Geological Adviser to the Government of India; another symposium on the Tertiary floras of India was held at the Institute on 6 and 7 January 1953.

A symposium on fossil plants as criteria of the palaeoecological conditions was held at the Lucknow University on 5 January 1953 under the auspices of the Indian Science Congress Association.

"THE PALAEOBOTANIST"

The first volume of this journal (the Birbal Sahni Memorial Volume) was published in July 1952.

WORK PUBLISHED IN 1947-48 BUT NOT INCLUDED IN THE LAST REPORT

GENERAL

SEN, J. (1948). On the second symposium on the age of the Saline series in the Salt Range of the Punjab. *Science & Culture*. **13**: 375-376.

CAMBRIAN

GHOSH, A. K. (1947). Occurrence of microfossils in the salt-pseudomorph beds of

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PERMIAN

GHOSH, A. K., CHANDIOK, K. P. & SEN, J. (1947). Microflora of the Chope coal-field, Bihar. *Bull. Bot. Soc. Bengal*. April 1947.

GHOSH, A. K. (1948). A study of the micro-fossils and the correlation of some productive coal seams of the Raniganj coal-field, Bengal, India. *Trans. Min. Geol. & Met. Inst. India*. **43**(2).

CRETACEOUS OR TERTIARY

SEN, J. (1948). Microfossils of Assam coalfields—I. The coal seam at Laitryngew and the age of the Cherra sandstone. *Bull. Bot. Soc. Bengal*. **2**(2).

TERTIARY

BILLIMORIA, J. J. (now MRS. MEWAWALA) (1948). On a new species of *Cupressinnoxylon*, *C. Sahni* sp. nov. from Chanda district, C.P. *Jour. Ind. Bot. Soc.* **27** (2-3): 67-76.

GHOSH, A. K. (1947). On the occurrence of diatomaceous earth in Nicobar Islands. *Trans. Nat. Inst. Sci. India*. **2**(8): 441-449.

PLEISTOCENE

PURI, G. S. (1948). The flora of the Karewa series of Kashmir and its phytogeographic affinities, with chapters on the methods used in identification. *Indian Forester*. **74**(3): 105-122; (4): 152-164; (5): 210-225; (6): 240-243.

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PLEISTOCENE

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