

FUNGI OF INDIA
1989-2001

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PREFACE

Fungal Flora of India is considerably rich and diverse. Biodiversity of Fungal Flora in region is represented by a number of taxonomic groups in different habitats. This is in consequent upon the tendency of fungi, particularly non-host specific saprobes, to have wider distribution than vascular plants. This statement may not be universal for host specific fungi and some polypores. It is a well established fact that smaller the area surveyed the more the species of fungi out numbered than those of flowering plants. The genetic variability of diverse groups of Fungal Flora all over the country have attracted the attention of mycologist to undertake the work on many species of fungi. The work by the Indian mycologist have developed a number of criteria and broaden the scope of biodiversity debate by focusing on its fungal dimension, the magnitude of the task and its implications for systematic, ecosystem functions, the human progress and the conservation of fungi are equally important.

The earlier work on mycology was mainly based on the contribution of Britishers on fungi particularly D.D. Cuningham, A. Barclay, M.J. Barkley, M.C. Cooke, E.J. Butler, H. and P. Sydow. Amongst the Indian mycologists, Lt. Col. Kirtikar was the first to initiate work on fungi for collection and identification. Subsequently a large number of dedicated mycologists including M. Mitra, B.N. Uppal and collaborators, B.B. Mundkar, H.P. Choudhary, S. R. Bose, K.D. Bagchee, T.S. Ramakrishanan, K.C. Mehta, J.H. Mitter, M.J. Narsimhan, R.N. Tondan, R. Prasada, M.N. Kamat, M.J. Thirumalachar, C.V. Subramanian, K.S. Thind and B.K. Bakshi have explored the other different groups of fungi.

The second revised and enlarged edition of **Fungi of India** by **K.S. Bilgrami, Jamaluddin and M.A. Rizwi** have the record of fungi upto 1988. Beside this, several list and supplements of the fungi have been published from different parts of the country. After this publication a number of studies on fungal collection and identification have been made from different part of the country. Late Prof. Bilgrami, Prof. A.K. Sarabhoy, Dr. A.K. Roy, Prof. M.P. Sharma, Shri Sujan Singh, Dr. M.D. Mehrotra, Dr. Kamal, Prof. G.P. Agrawal, Prof. S.K. Hasija, Prof. R.C. Rajak, Prof. N.D. Sharma, Dr. V.G. Rao, Dr. Alka Pandey, Dr. B.P. Bhide, Dr. J.G. Vaidya, Prof. S.T. Tilak, Dr. S.B. Saxena, Dr. H.K. Saxena, Dr. V.B. Hosagoudar, Prof. K.G. Mukerji, Prof. M.P. Tandon,

Prof. S.M. Reddy, Dr. K. Natrajan, Dr. G. Bagyanarayana and Prof. C. Manoharachary have made significant contribution on fungal collection and identification. Their contributions have significantly added it to the fungal diversity of India. Besides the above, there are many other references made from different parts of the country and their contributions are equally valuable to the addition of Fungal Flora of the country. During the last decades numerous new fungi and host have been added and published in various scientific journals, regional reports as well as in annual reports of the institutes. The fungal biodiversity have also been published in the proceedings of symposia, seminars and conferences. Thus the enormous editions of fungal flora compelled us to compile this volume, so that the mycologist and plant pathologist may conveniently look for all the fungi in this volume from 1989 to 2001. This volume is based on the supplement to the previous contributions by Bilgrami *et al.* 1991, where a complete list of fungi had been published upto 1988. We hope, the mycologist, plant pathologist and fungal taxonomist may be greatly benefited from this contribution as there is a need for an authentic and up-to-date list of **Indian Fungi** after 1988. While collecting the literature and documentation, due care has been taken to list out the missing forms and references but, we would appreciate, if any discrepancies are brought to our knowledge for inclusion in our revised supplement.

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