

Experimental Botany: An International Series of Monographs  
Consulting Editors: J. F. Sutcliffe and P. Mahlberg

Volume 9

## **Sexual Interactions in Plants**

**The Role of Specific Substances in Sexual Reproduction**

**H. van den Ende**

*Department of Plant Physiology, University of Amsterdam, The Netherlands*

**October 1976, viii+186pp., £6.80/\$14.75 0.12.711250.2**

In this monograph, discussion centres around the role and function of various substances—hormones, as well as immobile compounds—that act as mediators between sexually interacting cells. The book is presented in the form of a collection of case histories of specific fungi, algae, ferns and flowering plants which aim to give a coherent and up-to-date picture of a particular field of research.

Volume 10

## **Experimental Embryogenesis in Vascular Plants**

**V. Raghavan**

*Department of Botany, The Ohio State University, Ohio, USA*

**January 1977, x+604pp., £21.00/\$46.00 0.12.575450.7**

The study of the growth and development of embryos is not simply a field of academic interest, but one which is of vital importance to those involved in improving plant yields and food production in general. Experimental investigations in this area have greatly increased in the last ten years and the present book reflects the results that have been obtained.

Volume 11

## **Molecular Aspects of Gene Expression in Plants**

**edited by J. A. Bryant**

*Department of Botany, University College, Cardiff, Wales*

**January 1977, x+338pp., £9.60/\$21.00 0.12.138150.1**

This is the first book to deal specifically with gene expression in plants. In the search for solutions to the world food shortage, the study of the biochemistry of plant genes and their function is rapidly assuming great importance. Scientists are becoming aware that the genetic content of plant cells and its expression may be artificially modified so as to stimulate the production of more plentiful and higher quality crop yields. It is clearly imperative that those who will be engaged in trying to improve yields have an understanding of the biochemistry of plant genes and especially of their expression.

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Papers and short notes from contributors anywhere in the world are welcome for consideration for publication in *The Lichenologist* and may be on any aspect of lichenology.

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Line illustrations must be in black ink on stiff white card, preferably Bristol board.

As a guide to the layout of synonymy, references, etc., recent issues of the journal should be consulted. The spellings of locality names in Britain and abroad must follow those of the most recent editions of maps published by the Ordnance Survey and *The Times Atlas of the World*, respectively. Titles of periodicals should be abbreviated as in the fourth edition of the *World List of Scientific Periodicals* and its supplements. In lists of references the publisher and place of publication of books should be given; editions other than the first should be indicated.

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Books dealing with any aspect of lichenology will be reviewed. Publishers wishing to have works reviewed in *The Lichenologist* should send them to the Assistant Editor in the first instance.

This journal is covered by *Current Contents* and *Biological Abstracts*.

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