

REVIEW

S.S. BHOJWANI & W.Y. SOH (eds.): Current Trends in the Embryology of Angiosperms. Kluwer Academic Publishers, Dordrecht, 2001. ix + 533 pp., illus. ISBN 0-7923-6888-6. Price: EUR 220.

The application of modern techniques in histochemistry, electron microscopy, physiology, biochemistry, molecular biology, etc. in the last decades has changed embryology from a descriptive science to an experimental and applied science. The present book is a result of this development.

A score of authors deals with all aspects of embryology from male and female gametogenesis to fruits and seeds. Amongst the topics discussed in this volume are: male and female sporogenesis, fertilisation (in vivo and in vitro), zygotic and somatic embryogenesis, endosperm development, maturation, germination and dormancy of seeds. Some of the more special subjects are apomixis and parthenocarpy.

Although genesis of micro- and macrospores, fertilisation and seed development may play an important role in the transfer of genes from one generation to the next, only very little attention is paid to aspects of evolution of embryogenesis.

FRITS ADEMA