

Contents

List of contributors	page vii
Acknowledgements	ix
1 Introduction: Establishing the state of the art – the role of morphology in plant systematics	1
LOUIS P. RONSE DE CRAENE AND LIVIA WANNTORP	
2 Spatial separation and developmental divergence of male and female reproductive units in gymnosperms, and their relevance to the origin of the angiosperm flower	8
RICHARD M. BATEMAN, JASON HILTON AND PAULA J. RUDALL	
3 New flowers of Laurales from the Early Cretaceous (Early to Middle Albian) of eastern North America	49
MARIA VON BALTHAZAR, PETER R. CRANE, KAJ RAUNSGAARD PEDERSEN AND ELSE MARIE FRIIS	
4 Tracing the early evolutionary diversification of the angiosperm flower	88
JAMES A. DOYLE AND PETER K. ENDRESS	
5 Changing views of flower evolution and new questions	120
PETER K. ENDRESS	
6 Centrifugal stamens in a modern phylogenetic context: was Corner right?	142
PAULA J. RUDALL	
7 Evolution of the palm androecium as revealed by character mapping on a supertree	156
SOPHIE NADOT, JULIE SANNIER, ANDERS BARFOD AND WILLIAM J. BAKER	
8 Comparative floral structure and development of Nitrariaceae (Sapindales) and systematic implications	181
JULIEN B. BACHELIER, PETER K. ENDRESS AND LOUIS P. RONSE DE CRAENE	
9 Multiplications of floral organs in flowers: a case study in <i>Conostegia</i> (Melastomataceae, Myrtales)	218
LIVIA WANNTORP, CARMEN PUGLISI, DARIN PENNEYS AND LOUIS P. RONSE DE CRAENE	

10 Ontogenetic and phylogenetic diversification in Marantaceae	236
ALEXANDRA C. LEY AND REGINE CLAßEN-BOCKHOFF	
11 Floral ontogeny of <i>Acacia celastrifolia</i>: an enigmatic mimosoid legume with pronounced polyandry and multiple carpels	256
GERHARD PRENNER	
12 Floral development of <i>Napoleonaea</i> (Lecythidaceae), a deceptively complex flower	279
LOUIS P. RONSE DE CRAENE	
Taxon index	296
Subject index	305

Colour plate section appears between pages 214 and 215.