

Contents

1.	Introduction	1	2.8	Habitat and life-cycle	26
2.	General Part	2	2.9	The importance of cultivation	27
2.1	Morphology	2	2.10	Hybrids	27
2.2	Vegetative anatomy (by P. BAAS, Leyden)	3	2.11	Pests	28
2.3	Embryology (by F. BOUMAN, Amsterdam)	4	3.	Taxonomic Part	29
2.3.1	Introduction	4	3.1	Generic characters	29
2.3.2	Anther wall formation, microsporogenesis and micro- gametogenesis	5	3.2	Infrageneric groups	29
2.3.3	Ovule, megasporogenesis and female gametophyte	5	3.3	Artificial key to the species	31
2.3.4	Development of the endosperm	6	3.4	Description of the species	33
2.3.5	Embryogeny	6	3.5	Unidentified specimens	67
2.3.6	Development and anatomy of the seed coat	7	3.6	Doubtful names	68
2.4	Somatic chromosome numbers (by J. C. ARENDS, Wageningen)	9	Acknowledgements	68	
2.5	Palynology and phylogeny (by G. THANIKAIMONI, Pondicherry, India)	11	Summary	69	
2.6	Phytochemistry (by R. HEGNAUER, Leyden)	14	References to the taxonomic part	69	
2.7	Distribution	14	Index of names	70	
			Identification list	71	
			Plates 1–23	75	