



## Atlas of Sexual Reproduction in Flowering Plants

By Cresti, Mauro / Blackmore, Stephen

Book Condition: New. Publisher/Verlag: Springer, Berlin | Comprising about one hundred plates this atlas documents and describes the processes concerning the sexual reproduction in higher plants. It is divided into three parts: - Anther Development - Pistil Development - Progametic Phase and Fertilization. The scanning, transmission electron and light micrographs are all of immaculate quality and - for the viewer's orientation - almost each plate is complemented by a scheme showing a larger area of the plant indicating the site of the section. Together with instructive texts, the often striking images provide a valuable introduction into plant reproductive cell structures for researchers and advanced students of genetics, plant breeding and cell biology. | 1: Anther Development.- Plate 1: Microsporangium.- Plate 2: Early stage of microsporogenesis.- Plate 3: Early stage of microsporogenesis.- Plate 4: Early stage of microsporogenesis.- Plate 5: Binucleate tapetum.- Plate 6: Tetrad formation.- Plate 7: Tetrad formation.- Plate 8: Microspore development.- Plate 9: Microspore development.- Plate 10: Microspore release from tetrad.- Plate 11: Microspore-tapetum relation.- Plate 12: Microspore and tapetum development.- Plate 13: Tapetum development.- Plate 14: Tapetum development.- Plate 15: Microspore-tapetum relation ship.- Plate 16: Tapetum/microspore interaction.- Plate 17: Abnormal microspore development.- Plate 18: Microspore mitosis.- Plate 19: Generative...



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