

# Atlas of Sexual Reproduction in Flowering Plants

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# Reviews

*I actually started out reading this pdf. Of course, it really is play, continue to an interesting and amazing literature. I realized this pdf from my i and dad encouraged this pdf to discover.* (Maddison Becker)

## ATLAS OF SEXUAL REPRODUCTION IN FLOWERING PLANTS



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 - Progamic 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, plantbreeding 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 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 cell formation.- Plate 20: Generative cell development.- Plate 21: Anther organization at bicellular pollen stage.- Plate 22: Pollen maturation.- Plate 23: Mature bicellular pollen.- Plate 24: Vegetative cell of mature pollen grain.- Plate 25: Generative cell. Plate 30: Vegetative cell.- Plate 31: Division of generative cell.- Plate 32: Tricellular pollen grain.- Plate 33: Sperm cell.- Plate 34: Cytoplasm vegetative cell.- Plate 35: Opening of the anther.- Plate 36: Pollen morphology.- Plate 37: Pollen wall ultrastructure.- 2: Pistil...

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