

Understanding plant anatomy is not only fundamental to the study of plant systematics and palaeobotany, but is also an essential part of evolutionary biology, physiology, ecology and the rapidly expanding science of developmental genetics. In the third edition of her successful textbook, Paula Rudall provides a comprehensive yet succinct introduction to the anatomy of flowering plants. Thoroughly revised and updated throughout, the book covers all aspects of comparative plant structure and development, arranged in a series of chapters on the stem, root, leaf, flower, seed and fruit. Internal structures are described using magnification aids from the simple hand-lens to the electron microscope. Numerous references to recent topical literature are included, and new illustrations reflect a wide range of flowering plant species. The phylogenetic context of plant names has also been updated as a result of improved understanding of the relationships among flowering plants. This clearly written text is ideal for students studying a wide range of courses in botany and plant science, and is also an excellent resource for professional and amateur horticulturists.

- Simple, clear and easy to use
- Completely updated to include information on new research and applications
- Written to reflect the content of current courses in plant science and botany
- Describes the internal structure of flowering plants, using magnification aids from the simple hand-lens to the electron microscope
- Contains a comprehensive glossary to explain the range of terminology used

Cover illustration: *Aechmea alba* (Bromeliaceae), transverse section of flower.

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