

Physiology and Behaviour of Plants

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About the author

Having first been excited by the complexity and beauty of the plant kingdom as a student in Cambridge, Peter Scott is now Senior Lecturer in Plant Biology at the University of Sussex, where his research interests include orchids, resurrection plants and helping students to understand the wonder of the natural world around them.

From the bizarre, sticky fly paper tactics of carnivorous plants, to the amazing capabilities of resurrection plants and the beautiful bee orchid that uses mimicry to attract pollinators, Peter Scott's engaging textbook celebrates plants in all their glory and provides a thought-provoking introduction to how they sense and respond to their environment.

Plants have to meet the same challenges as animals in order to survive, but have evolved to overcome these challenges in very different ways. This exciting new textbook will help first and second year biological science students get to grips with the biochemistry that underlies the behaviour of plants and appreciate them as dynamic, territorial and sometime aggressive organisms, capable of long-range communication.

Features:

- a fresh, innovative introduction to plant biology
- a wealth of examples, specifically chosen to capture and engage the reader's interest, including topics such as plant defences, interactions with the animal kingdom, plants and medicines and carnivorous plants
- stunning colour illustrations and photographs designed to captivate the reader and reinforce key concepts explored within the text
- an exploration of molecular mechanisms underlying plant physiology and behaviour from a whole plant perspective

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