Ecological Methods

FOURTH EDITION

P. A. Henderson and T. R. E. Southwood

This classic text, the first edition of which one reviewer referred to as 'the ecologist's bible', has been substantially revised and rewritten. Not only have the advances made in the field since the third edition been taken into account, but the scope has been extended to include R codes for standard ecological statistical analyses.

Ecological Methods provides a unique synthesis of the methods and techniques available for the study of populations and ecosystems. Techniques used to obtain both absolute and relative population estimates are described, and approaches to the direct measurement of births, deaths, migration and the construction and interpretation of life tables are reviewed.

The text is extensively illustrated, lucidly describing a wide range of equipment and methods of analysis. Comprehensive and up-to-date bibliographies within each chapter fully cover the relevant literature, and references are given for relevant computer programmes and websites. Like the earlier editions, this book will be an indispensable source of reference to researchers and students at all levels in the fields of ecology, entomology and zoology.

Praise for the previous edition of *Ecological Methods:*

'The publication of the third edition of Richard Southwood's *Ecological Methods* is an occasion for mutual back-slapping. Ecologists can observe that it confirms that their science is thriving and is certainly relevant to many of the world's most urgent problems – poverty elimination, global warming and biodiversity conservation… In this new edition, Southwood has collaborated with Peter Henderson of Pisces Conservation Ltd. Henderson's input is evident in the more thorough treatment of, for example, fish-trapping techniques. At the same time, the subtitle of earlier editions "with special reference to insect populations" has been correctly jettisoned. This revised book has far more to offer… In summary, *Ecological Methods* remains the ideal starting point for anyone seeking guidance on the multiplicity of methods available for ecological sampling.'

M. de L. Brooke, Department of Zoology,
University of Cambridge in TREE, Volume 15, Issue 12 (2000)

This edition is also accompanied by a companion website, hosting additional resources. Check it out at:
www.wiley.com/go/henderson/ecologicalmethods

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