

# THE ULTIMATE PLANT & GARDEN BOOK



Over 2,000 Plant Descriptions  
& 2,200 Color Photographs  
Including Seasonal Calendars, Field Trips  
& Cultivation Guidelines



# THE ULTIMATE PLANT & GARDEN BOOK

Edited by  
R. G. Turner Jr

CROWN PUBLISHERS, INC. NEW YORK

Chief consultant  
Consultants

R. G. TURNER Jr  
DUNCAN HIMMELMAN  
STIRLING MACBOY  
ROGER MANN  
IAN PERCY  
TONY RODD

Additional writers

Text

Your Garden  
Annuals & Perennials

Roger Mann  
Dalys Newman  
Robin Simon

Shrubs

Peter Lavelle  
Dalys Newman  
Henry Barrkman  
Heather Jackson

Trees

Bulbs, Corms & Tubers

Julie Silk

Lawns, Ground Covers  
& Ornamental Grasses

Heather Jackson  
Robin Smith

Vegetables & Herbs

Gina Schien (vegetables)  
Denise Grieg (herbs)  
Heather Jackson

Fruit Trees, Nut Trees  
& Other Fruits

Heather Jackson  
Gina Schien

Indoor Plants

Heather Jackson  
Marnie Roper

Climbers & Creepers

Denise Grieg  
Heather Jackson

Chapter Introductions

Roger Mann  
Judy Moore

Field Trips

Andy Clements (*Dochu La*); John Forlonge (*Magallanes Region*); Maurie Kellett (*Fortin de las Flores*); John Manning (*Darling and Malmesbury*); Kristo Peinaar (*Cape Floral Kingdom*); Graeme Platt (*Coromandel Peninsula*); Julie Silk (*Blue Mountains, Mount Kinbalu, Norfolk Island*); Paul Sterry (*Grindelwald, Lundy*); Angus Stewart (*Guadalupe Mountains National Park*)

All rights reserved. No part of this publication may be reproduced or transmitted by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without permission in writing from the publisher.

First Published in 1996

Published by Crown Publishers, Inc., 201 East 50th Street,  
New York, New York 10022.  
Member of the Crown Publishing Group.

Random House, Inc. New York, Toronto, London, Sydney,  
Auckland

<http://www.randomhouse.com/>

Crown is a trade mark of Crown Publishers, Inc.

Library of Congress Cataloging-in-Publication Data available  
upon request.

ISBN 0-517-70189-8

10 9 8 7 6 5 4 3 2 1

First American Edition

Managing Editors: Margaret Olds, Lisa Foulis

Senior Editor: Marie-Louise Taylor

Copy Editors: Deb Brown, Susan Page, Stephanie Campion,  
Kate Etherington, Margaret McAllister, Marnie Roper, Dawn  
Cockle, Heather Jackson, James Young

Art Director: Stan Lamond

Designer: Joy Eckermann

Maps: Stan Lamond

Index: Lisa Foulis

Color Separations by Pica Colour Separation Overseas Pte Ltd

Printed in Hong Kong by South China Printing Co. Ltd

Photographers: Ardea (London), Tony Bomford, Geoff  
Bryant, Brinsley Burbidge, Claver Carroll, Andy Clements,  
Densley Clyne, Tony Curry, John Forlonge, Denise Grieg,  
Joanne Van Gruisen, Sarah Guest, Ivy Hansen, Joy Harland,  
James Hyett (ARPS), Maurice Kellett, Stirling Macoboy, Brett  
McKay, Leo Meier, Geoff Moon, Kristo Peinaar, Gordon  
Roberts, Tony Rodd, Lorna Rose, Paul Sterry, Oliver Strewé,  
Ben Wallace, Gerry Whitmont, Brent Wilson, Australian  
Picture Library, Random House Picture Library

Page 1: *Aquilegia* 'Crimson Star', a native North American species

Page 2: A very colorful collection of mixed flowers

Page 5: The romance and beauty of old roses (Gil Hanly)

Pages 8–9: A lush, cool-climate garden (Gil Hanly)

# THE ULTIMATE PLANT & GARDEN BOOK



















# Contents



## CHAPTER 1

### *Your Garden* 8

*Everything you need to know to plan,  
develop and maintain your garden*

*Hardiness Zone Map* 65



## CHAPTER 2

### *Annuals & Perennials* 66

## CHAPTER 3

### *Shrubs* 154

## CHAPTER 4

### *Trees* 242



## CHAPTER 5

### *Bulbs, Corms & Tubers* 290

## CHAPTER 6

### *Lawns, Ground Covers & Ornamental Grasses* 322

## CHAPTER 7

### *Vegetables & Herbs* 332







CHAPTER 8  
*Fruit Trees, Nut Trees  
 & Other Fruits* 354



CHAPTER 9  
*Indoor Plants* 372



CHAPTER 10  
*Cacti & Succulents* 390



CHAPTER 11  
*Orchids* 412

CHAPTER 12  
*Ferns, Palms & Cycads* 426



CHAPTER 13  
*Climbers & Creepers* 446



*Tables*

Keys 465  
 Seasonal Calendars 476  
 Cultivation Guidelines 504



Glossary 511  
 General Index 516  
 Index to Plants 518





THE  
ULTIMATE  
PLANT &  
GARDEN  
BOOK









# THE ULTIMATE PLANT & GARDEN BOOK

Edited by  
R. G. Turner Jr

CROWN PUBLISHERS, INC.      NEW YORK



Chief consultant  
Consultants

R. G. TURNER Jr  
DUNCAN HIMMELMAN  
STIRLING MACBOY  
ROGER MANN  
IAN PERCY  
TONY RODD

Additional writers

Text

Your Garden  
Annuals & Perennials

Roger Mann  
Dalys Newman  
Robin Simon

Shrubs

Peter Lavelle  
Dalys Newman  
Henry Barrkman  
Heather Jackson

Trees

Bulbs, Corms & Tubers

Julie Silk

Lawns, Ground Covers  
& Ornamental Grasses

Heather Jackson  
Robin Smith

Vegetables & Herbs

Gina Schien (vegetables)  
Denise Grieg (herbs)  
Heather Jackson

Fruit Trees, Nut Trees  
& Other Fruits

Heather Jackson  
Gina Schien

Indoor Plants

Heather Jackson  
Marnie Roper

Climbers & Creepers

Denise Grieg  
Heather Jackson

Chapter Introductions

Roger Mann  
Judy Moore

Field Trips

Andy Clements (*Dochu La*); John Forlonge (*Magallanes Region*); Maurie Kellett (*Fortin de las Flores*); John Manning (*Darling and Malmesbury*); Kristo Peinaar (*Cape Floral Kingdom*); Graeme Platt (*Coromandel Peninsula*); Julie Silk (*Blue Mountains, Mount Kinbalu, Norfolk Island*); Paul Sterry (*Grindelwald, Lundy*); Angus Stewart (*Guadalupe Mountains National Park*)

All rights reserved. No part of this publication may be reproduced or transmitted by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without permission in writing from the publisher.

First Published in 1996

Published by Crown Publishers, Inc., 201 East 50th Street,  
New York, New York 10022.  
Member of the Crown Publishing Group.

Random House, Inc. New York, Toronto, London, Sydney,  
Auckland

<http://www.randomhouse.com/>

Crown is a trade mark of Crown Publishers, Inc.

Library of Congress Cataloging-in-Publication Data available  
upon request.

ISBN 0-517-70189-8

10 9 8 7 6 5 4 3 2 1

First American Edition

Managing Editors: Margaret Olds, Lisa Foulis

Senior Editor: Marie-Louise Taylor

Copy Editors: Deb Brown, Susan Page, Stephanie Campion,  
Kate Etherington, Margaret McAllister, Marnie Roper, Dawn  
Cockle, Heather Jackson, James Young

Art Director: Stan Lamond

Designer: Joy Eckermann

Maps: Stan Lamond

Index: Lisa Foulis

Color Separations by Pica Colour Separation Overseas Pte Ltd

Printed in Hong Kong by South China Printing Co. Ltd

Photographers: Ardea (London), Tony Bomford, Geoff  
Bryant, Brinsley Burbidge, Claver Carroll, Andy Clements,  
Densy Clyne, Tony Curry, John Forlonge, Denise Grieg,  
Joanne Van Gruisen, Sarah Guest, Ivy Hansen, Joy Harland,  
James Hyett (ARPS), Maurice Kellett, Stirling Macoboy, Brett  
McKay, Leo Meier, Geoff Moon, Kristo Peinaar, Gordon  
Roberts, Tony Rodd, Lorna Rose, Paul Sterry, Oliver Strewe,  
Ben Wallace, Gerry Whitmont, Brent Wilson, Australian  
Picture Library, Random House Picture Library

Page 1: *Aquilegia* 'Crimson Star', a native North American species

Page 2: A very colorful collection of mixed flowers

Page 5: The romance and beauty of old roses (Gil Hanly)

Pages 8–9: A lush, cool-climate garden (Gil Hanly)









# Contents



## CHAPTER 1

### *Your Garden* 8

*Everything you need to know to plan,  
develop and maintain your garden*

*Hardiness Zone Map* 65



## CHAPTER 2

### *Annuals & Perennials* 66

## CHAPTER 3

### *Shrubs* 154

## CHAPTER 4

### *Trees* 242



## CHAPTER 5

### *Bulbs, Corms & Tubers* 290

## CHAPTER 6

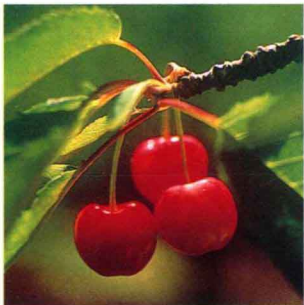
### *Lawns, Ground Covers & Ornamental Grasses* 322

## CHAPTER 7

### *Vegetables & Herbs* 332







CHAPTER 8  
*Fruit Trees, Nut Trees  
& Other Fruits* 354



CHAPTER 9  
*Indoor Plants* 372



CHAPTER 10  
*Cacti & Succulents* 390



CHAPTER 11  
*Orchids* 412



CHAPTER 12  
*Ferns, Palms & Cycads* 426



CHAPTER 13  
*Climbers & Creepers* 446



*Tables*

Keys	465
Seasonal Calendars	476
Cultivation Guidelines	504



Glossary	511
General Index	516
Index to Plants	518





