

Cambridge University Press

978-0-521-00411-4 - Handbook of North European Garden Plants: With Keys to Families and Genera

Edited by James Cullen

Frontmatter

[More information](#)

Handbook of North European Garden Plants

With Keys to Families and Genera

This book provides a means for the accurate identification of over 190 families and 2220 genera of flowering plants cultivated out-of-doors in gardens in north-west Europe and in other geographical regions with a similar climate, including parts of North America. The text is an abridged version of *The European Garden Flora* (published in six volumes) and constitutes a handy single volume digest that covers families and genera, but not species. A key to all the families is provided and, for each of the families, a key to the genera within it. Scientifically rigorous descriptions of families and genera follow, including information on the number of constituent genera or species, and details of geographical distribution. Illustrations of genera from most of the major families are included to aid accurate identification.

JAMES CULLEN is Director of the Stanley Smith (UK) Horticultural Trust. He has a wealth of horticultural experience, having spent 17 years as Assistant Regius Keeper at the Royal Botanic Garden, Edinburgh, UK, and 24 years as chief editor of *The European Garden Flora*.

Cambridge University Press

978-0-521-00411-4 - Handbook of North European Garden Plants: With Keys to Families and Genera

Edited by James Cullen

Frontmatter

[More information](#)

HANDBOOK OF
NORTH
EUROPEAN
GARDEN
PLANTS

With Keys to Families and Genera

EDITED BY JAMES CULLEN



CAMBRIDGE
UNIVERSITY PRESS

Cambridge University Press
978-0-521-00411-4 - Handbook of North European Garden Plants: With Keys to Families
and Genera
Edited by James Cullen
Frontmatter
[More information](#)

PUBLISHED BY THE PRESS SYNDICATE OF THE UNIVERSITY OF CAMBRIDGE
The Pitt Building, Trumpington Street, Cambridge, United Kingdom

CAMBRIDGE UNIVERSITY PRESS
The Edinburgh Building, Cambridge CB2 2RU, UK
40 West 20th Street, New York, NY 10011-4211, USA
10 Stamford Road, Oakleigh, VIC 3166, Australia
Ruiz de Alarcón 13, 28014 Madrid, Spain
Dock House, The Waterfront, Cape Town 8001, South Africa

<http://www.cambridge.org>

© Cambridge University Press 2001

This book is in copyright. Subject to statutory exception
and to the provisions of relevant collective licensing agreements,
no reproduction of any part may take place without
the written permission of Cambridge University Press.

First published 2001

Printed in the United Kingdom at the University Press, Cambridge

A catalogue record for this book is available from the British Library

Typeset Times Roman

Library of Congress Cataloguing in Publication data

ISBN 0 521 65183 2 hardback
ISBN 0 521 00411 X paperback

Cambridge University Press

978-0-521-00411-4 - Handbook of North European Garden Plants: With Keys to Families and Genera

Edited by James Cullen

Frontmatter

[More information](#)

CONTENTS

List of illustrations vi

Introduction and Acknowledgements 1

Key to Subclasses 2

Monocotyledons 2

Dicotyledons 106

Glossary 607

Index 626

Cambridge University Press

978-0-521-00411-4 - Handbook of North European Garden Plants: With Keys to Families and Genera

Edited by James Cullen

Frontmatter

[More information](#)

ILLUSTRATIONS

- | | |
|--|---|
| 1 Alismataceae - <i>Alisma</i> , 8 | 41 Theaceae - <i>Camellia</i> , 194 |
| 2 Liliaceae - <i>Lilium</i> , perianth shapes, 26 | 42 Guttiferae/Hypericaceae - <i>Hypericum</i> , 198 |
| 3 Liliaceae - <i>Hyacinthoides</i> , 28 | 43 Papaveraceae - <i>Papaver</i> , 202 |
| 4 Liliaceae - <i>Danaë</i> , <i>Ruscus</i> , 36 | 44 Cruciferae - siliculas, 210 |
| 5 Amaryllidaceae - <i>Galanthus</i> , 44 | 45 Cruciferae - siliquas, 212 |
| 6 Iridaceae - inflorescence-types, 48 | 46 Cruciferae - <i>Arabis</i> , 218 |
| 7 Iridaceae - <i>Iris</i> , flower parts, 50 | 47 Resedaceae - <i>Reseda</i> , 226 |
| 8 Iridaceae - <i>Iris</i> , 52 | 48 Hamamelidaceae - <i>Hamamelis</i> , 228 |
| 9 Iridaceae - <i>Crocus</i> , 54 | 49 Crassulaceae - <i>Sedum</i> , 230 |
| 10 Juncaceae, Cyperaceae - diagnostic features, 58 | 50 Saxifragaceae - <i>Saxifraga</i> , 238 |
| 11 Juncaceae - <i>Luzula</i> , 60 | 51 Saxifragaceae/Grossulariaceae - <i>Ribes</i> , 242 |
| 12 Gramineae - diagnostic features, 62 | 52 Rosaceae - flowers, 248 |
| 13 Gramineae - <i>Arrhenatherum</i> , 74 | 53 Rosaceae - <i>Spiraea</i> , 254 |
| 14 Palmae - <i>Phoenix</i> , 84 | 54 Rosaceae - <i>Rosa</i> , 256 |
| 15 Araceae - <i>Arum</i> , 88 | 55 Rosaceae - <i>Alchemilla</i> , 262 |
| 16 Typhaceae - <i>Typha</i> , 92 | 56 Rosaceae - <i>Malus</i> , 264 |
| 17 Cyperaceae - <i>Carex</i> , 94 | 57 Rosaceae - <i>Prunus</i> , 268 |
| 18 Orchidaceae - stems & leaves, 96 | 58 Leguminosae/Mimosaceae - <i>Acacia</i> , 272 |
| 19 Orchidaceae - flowers, 98 | 59 Leguminosae/Caesalpinjiaceae - <i>Cercis</i> , 74 |
| 20 Orchidaceae - <i>Dactylorhiza</i> , 104 | 60 Leguminosae/Papilionaceae - <i>Vicia</i> , 286 |
| 21 Juglandaceae - <i>Juglans</i> , 126 | 61 Leguminosae/Papilionaceae - <i>Lathyrus</i> , 288 |
| 22 Salicaceae - <i>Salix</i> , 128 | 62 Oxalidaceae - <i>Oxalis</i> , 292 |
| 23 Betulaceae - <i>Betula</i> , 130 | 63 Geraniaceae - <i>Geranium</i> , 294 |
| 24 Betulaceae, Corylaceae - <i>Corylus</i> , 132 | 64 Linaceae - <i>Linum</i> , 296 |
| 25 Fagaceae - <i>Fagus</i> , 134 | 65 Euphorbiaceae - <i>Ricinus</i> , 300 |
| 26 Ulmaceae - <i>Ulmus</i> , 136 | 66 Euphorbiaceae - <i>Euphorbia</i> , 302 |
| 27 Moraceae - <i>Morus</i> , 138 | 67 Rutaceae - <i>Choisya</i> , 304 |
| 28 Urticaceae - <i>Urtica</i> , 142 | 68 Polygalaceae - <i>Polygala</i> , 310 |
| 29 Loranthaceae - <i>Viscum</i> , 146 | 69 Anacardiaceae - <i>Cotinus</i> , 312 |
| 30 Polygonaceae - <i>Polygonum</i> , 148 | 70 Aceraceae - <i>Acer</i> , 314 |
| 31 Portulacaceae - <i>Calandrinia</i> , 152 | 71 Hippocastanaceae - <i>Aesculus</i> , 316 |
| 32 Caryophyllaceae - diagnostic features, 154 | 72 Balsaminaceae - <i>Impatiens</i> , 318 |
| 33 Caryophyllaceae - <i>Cerastium</i> , 156 | 73 Celastraceae - <i>Euonymus</i> , 322 |
| 34 Chenopodiaceae - <i>Spinacia</i> , 160 | 74 Buxaceae - <i>Buxus</i> , 324 |
| 35 Magnoliaceae - <i>Magnolia</i> , 164 | 75 Rhamnaceae - <i>Ceanothus</i> , 326 |
| 36 Lauraceae - <i>Laurus</i> , 168 | 76 Vitaceae - <i>Vitis</i> , 330 |
| 37 Ranunculaceae - <i>Ranunculus</i> , 178 | 77 Tiliaceae - <i>Tilia</i> , 332 |
| 38 Ranunculaceae - <i>Delphinium</i> , 180 | 78 Malvaceae - <i>Malva</i> , 336 |
| 39 Berberidaceae - <i>Berberis</i> , 182 | 79 Thymelaeaceae - <i>Daphne</i> , 340 |
| 40 Aristolochiaceae - <i>Aristolochia</i> , 192 | |

Cambridge University Press

978-0-521-00411-4 - Handbook of North European Garden Plants: With Keys to Families and Genera

Edited by James Cullen

Frontmatter

[More information](#)

- 80 Violaceae - *Viola*, 346
 81 Passifloraceae - *Passiflora*, 348
 82 Cistaceae - *Helianthemum*, 350
 83 Begoniaceae - *Begonia*, 356
 84 Cucurbitaceae - *Cucurbita*, 358
 85 Lythraceae - *Lythrum*, 360
 86 Myrtaceae - *Callistemon*, 366
 87 Onagraceae - *Fuchsia*, 370
 88 Cornaceae - *Cornus*, 376
 89 Araliaceae - *Hedera*, 380
 90 Umbelliferae - fruits, 384
 91 Umbelliferae - fruits, 386
 92 Umbelliferae - fruits, 388
 93 Umbelliferae - *Heracleum*, 396
 94 Ericaceae - *Erica*, 406
 95 Primulaceae - *Primula*, 414
 96 Plumbaginaceae - *Armeria*, 418
 97 Oleaceae - *Jasminum*, 424
 98 Gentianaceae - *Gentiana*, 428
 99 Apocynaceae - *Vinca*, 432
 100 Asclepiadaceae - *Ceropegia*, 434
 101 Rubiaceae - *Galium*, 440
 102 Polemoniaceae - *Polemonium*, 442
 103 Convolvulaceae - *Convolvulus*, 444
 104 Boraginaceae - corollas & stamens, 448
 105 Boraginaceae - nutlets, 450
 106 Boraginaceae - *Symphytum*, 456
 107 Verbenaceae - *Verbena*, 460
 108 Labiatae - diagnostic features, 464
 109 Labiatae - *Lamium*, 472
 110 Solanaceae - *Solanum*, 484
 111 Buddlejaceae - *Buddleja*, 490
 112 Scrophulariaceae - diagnostic features, 492
 113 Scrophulariaceae - *Verbascum*, 496
 114 Scrophulariaceae - *Antirrhinum*, 500
 115 Bignoniaceae - corollas, 508
 116 Bignoniaceae - *Catalpa*, 510
 117 Acanthaceae - *Acanthus*, 514
 118 Plantaginaceae - *Plantago*, 522
 119 Caprifoliaceae - *Viburnum*, 524
 120 Caprifoliaceae - *Lonicera*, 526
 121 Valerianaceae - *Centranthus*, 530
 122 Dipsacaceae - *Knautia*, 532
 123 Campanulaceae - *Campanula*, 536
 124 Compositae - fruits, 548
 125 Compositae - fruits, 550
 126 Compositae - fruits, 552
 127 Compositae - fruits, 554
 128 Compositae - fruits, 556
 129 Compositae - fruits, 558
 130 Compositae - fruits, 560
 131 Compositae - *Taraxacum*, 576
 132 Compositae - *Doronicum*, 598
 133 Glossary - leaves, 610
 134 Glossary - inflorescences, 612
 135 Glossary - flowers, 614
 136 Glossary - ovules, 616