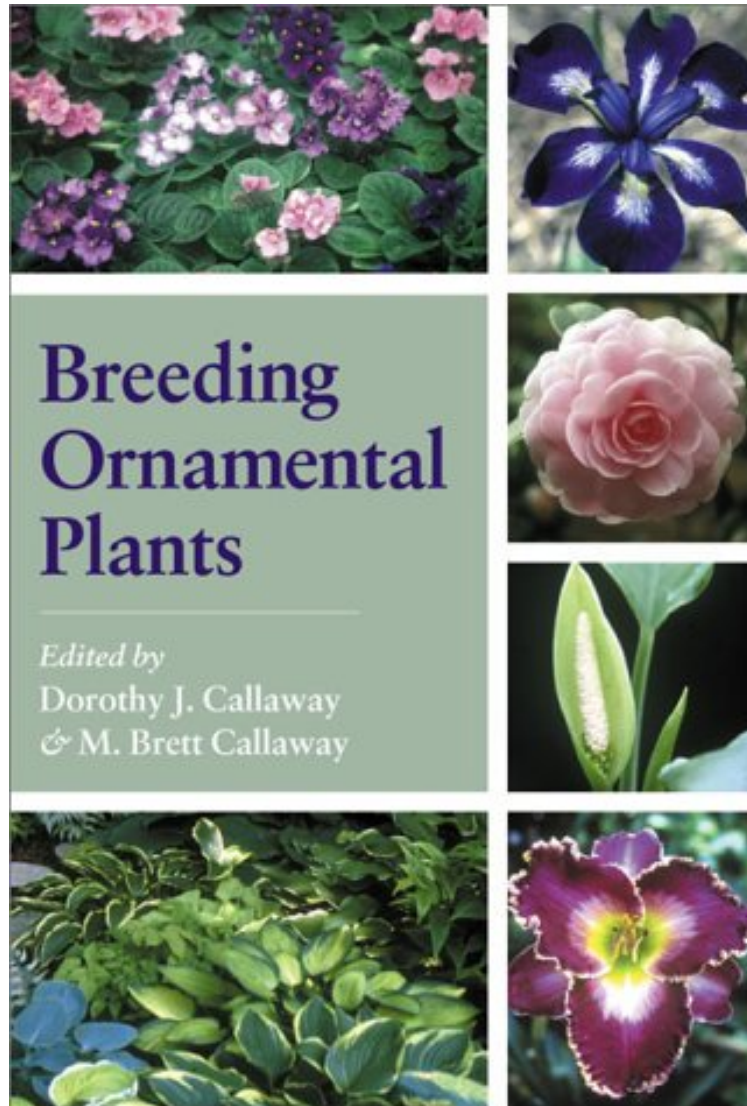


Breeding Ornamental Plants

Dorothy J. Callaway, M. Brett Callaway
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Dorothy J. Callaway, M. Brett Callaway : Breeding Ornamental Plants before purchasing it in order to gage whether or not it would be worth my time, and all praised Breeding Ornamental Plants:

0 of 0 people found the following review helpful. Four StarsBy DaveGood up to date information12 of 12 people found the following review helpful. Required reading for amateur plant breedersBy John BogganThis book has been sorely needed: a book about breeding ornamental (as opposed to crop) plants, and geared toward the serious amateur plant breeder. However, even professional plant breeders should find much of interest in this book.There are introductory chapters on general breeding and basic genetics, clearly written and none of it heavily technical. This will

be especially useful to the beginning breeder. The rest of the chapters are written by different plant breeders, discussing different genera or groups of plants. Although this makes the quality somewhat uneven and some of the information redundant, it's both fascinating and instructive to see how the goals, objectives, and techniques are similar, as well as different, between the different plant groups and different breeders. By and large, these breeders are not professionals, they are just regular people who like to grow plants and have gotten bitten by the hybridizing bug. All have valuable information to pass on based on their own experience, so even if you buy this book for information about breeding Saintpaulia, or Hemerocallis, or another particular group, be sure to read ALL the chapters as much of the information is applicable to plant breeding in general. The book is handsomely produced and very nicely illustrated, with excellent color photographs of the plants and line drawings to help illustrate certain techniques. This book is required reading for anybody who is interested in plant breeding as a hobby. 2 of 2 people found the following review helpful. A Must for Gardeners who Plant Breed By D. McAlpine This book is an excellent reference source in understanding the processes on breeding the top favorite ornamental plants. The book is well written to support the serious amateur plant breeder to even the professional. The introductory chapters provide a quick education on genetics and its applications to plant protection and trademarks. The book is well illustrated and provides an excellent source of collections, suppliers, plant societies and references for each ornamental plant. Well worth the purchase!

Breeding plants to encourage specific traits is usual in agriculture but less common in ornamental horticulture. Daffodils, daylilies, hostas, lilacs, magnolias, and rhododendrons are among the 15 subjects covered by experts in the field.

Breeding Ornamental Plants enables enthusiasts to go beyond regular gardening to actually create new forms of favorite plants. -- Joanne S. Carpender, www.gardenclub.org, December 17, 2000 Extremely well written and provides a great introduction to genetics/breeding for nonscientists. -- R.J. Griesbach, *HortScience*, 35 (7), December 2000 Highly recommended to anyone aspiring to make our surroundings more beautiful through improvement of ornamental plants. -- L.C. Ewart, *Choice*, February 2001 There is no other up-to-date, single resource for this information. Don't even consider trying to begin breeding ornamentals without it! -- *HortIdeas*, December 2000 From the Publisher Breeding plants to encourage specific traits is a customary practice in agriculture but much less common in ornamental horticulture. This introduction discusses the principles and practices of ornamental plant breeding, with individual chapters devoted to important plants or plant groups. Daffodils, daylilies, hostas, lilacs, magnolias, and rhododendrons are among the 15 subjects covered diligently by experts in the field. About the Author Dorothy Callaway (ne Johnson) was born in Alabama and grew up in Bishop, Georgia. She was exposed to natural history plant science in particular at an early age through her parents. She attended the University of Georgia, Athens, Georgia, and received a B.S. in horticulture, followed by an M.S. in botany from the L. H. Bailey Hortorium at Cornell University, Ithaca, New York. Her thesis research involved the taxonomic study of magnolias cultivated in North America. Since then she has written a number of articles on magnolias for major botanical and horticultural journals. Her aims in writing this book are to compile scattered information into a single reference and to introduce others to the fascinating variety of the genus. Dorothy Callaway has served as the official registrar for magnolia cultivars and as a member of the board of trustees of the Magnolia Society, Inc. M. Brett Callaway, a horticulturist and plant breeder, is married to Dorothy Callaway, horticulturist and author of *The World of Magnolias*. They continue to pursue horticultural and botanical interests, including magnolia propagation, cultivation, and breeding, as well as work with pawpaws (*Asimina triloba*), native plants, and beekeeping.