

# Flowering Plants



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The second edition of "Flowering Plants: Flowering Rush to Rushes "offers new material, including a preface, seventeen new illustrations of the additional species now known from Illinois, a revised list of illustrations, and an appendix of the additions and changes since 1970 in the identification, classification, and location of the plants included in the first edition. This new edition of the first volume in the multi-volume series of The Illustrated Flora of Illinois--which provides a working reference for the identification and classification of these plant forms in the state--includes flowering rushes, arrowheads, pondweeds, naiads, duckweeds, cattails, bur reeds, spiderworts, and rushes. In his introduction, Robert H. Mohlenbrock defines terms and procedures used in the identification and classification of this group of flowering plants referred to as monocotyledons--plants that produce upon germination a single cotyledon or seed-leaf and are often identified by their tall, slender, grass-like leaves. He outlines the life histories and morphologies of the representative monocots and illustrates the plants' habits and frequencies in Illinois. Geared to the amateur as well as the professional botanist, the volume includes a glossary of definitions and identification keys to classify the plants according to order, family, genus, and species. The identifying characteristics of each descending class are also given in detail. The morphology of each species is outlined along with data on frequency of occurrence,

related soil and climate conditions, and history of past collections. Among the 125 illustrations are detailed sketches of the important features of each species and maps indicating the geographical locations of each species in Illinois.

作者介绍:

目录:

[Flowering Plants\\_ 下载链接1](#)

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