

Intermountain Flora, Vascular Plants of the Intermountain West, U.S.A. Volume 3B, Fabales

By R. C. Barneby in A. Cronquist, A. H. Holmgren, N. H. Holmgren, J. L. Reveal, and P. K. Holmgren. 1989. The New York Botanical Garden, Bronx. 279 pp., illus. U.S. \$61.85 in U.S.A.; U.S. \$63.20 elsewhere.

This is the fourth volume of six that were proposed for the Intermountain Flora, but now it would appear that three are still to come. Those previously published are Volume 1, Ferns and Fern Allies (with introductory materials) (1972), Volume 6, Monocotyledonae (1977) and Volume 4, subclass Asteridae (except Asteraceae) (1984). All have been reviewed in previous issues of *The Canadian Field-Naturalist*.

The present volume dealing with the Fabales, treats the families Mimosaceae, Caesalpinaceae and Fabaceae. With the exception of two genera, *Pedimelum* and *Psoralidium* which were authored by James W. Grimes, the work was done by Rupert C. Barneby. For this group in North America no better author could have been chosen. Like the other volumes, excellent keys, extremely detailed descriptions, synonymy with bibliographic references, and information on types, habitat, and distributional (both overall and within the Intermountain) information are provided. These are followed in many cases by most interesting and useful comments, and where needed, the suggestion that further investigation of a particular entity or

group should be undertaken. Many of the excellent line drawings by Jeanne R. Janish which were first published in *Vascular Plants of the Pacific Northwest* are reproduced in this volume together with equally well-executed new drawings by Bobbi Angell.

Like the earlier volumes, chromosome numbers are given, but again, unfortunately, there is no indication as to whether or not the counts were based on Intermountain material.

In this volume, seven new taxa have been described and twenty transfers have been made. A list of these Nomenclatural Innovations is provided on page 268.

A welcome innovation on the inside front and back covers and facing pages are maps depicting the location of the Intermountain Region in North America, the states and counties covered by the flora, and the Floristic Divisions and Sections of the Intermountain Region.

It is now nineteen years since the first volume of Intermountain Flora was published. One hopes that the remaining volumes will appear in the near future.

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Eastern North America as seen by a Botanist: Pictorial I, The Arctic Region; and Pictorial II, The Wooded Regions

By In-Cho Chung. 1989. Available from the author, 1308 Laurel Drive, Daytona Beach, Florida 32017. I. pp. 1-112, illus. U.S. \$32.00; II. pp. 213-419, illus. U.S. \$73.00. (2 volume set U.S. \$89.00).

These two volumes, like the author's earlier book *The Arctic and the Rockies as seen by a Botanist: Pictorial* (1985), contain a collection of absolutely beautiful photographs of plants and habitats that few of us will ever have the opportunity to see to any extent in the wild. In-Cho Chung has travelled widely across North America and to its northernmost parts, and with his camera has brought back these wonderful records. He is to be congratulated most heartily.

Volume I of this pair, entitled *The Arctic Region* depicts some 286 habitats and close-ups of plants in bright colour. These illustrations are accompanied by short paragraphs indicating the location where the picture was taken, some brief descriptive notes, the habitat, and range.

Volume II, *The Wooded Regions* takes the reader from the subarctic Canadian Shield via 852 photographs through the Canadian and United States Appalachians to the Coastal Plain. This is followed by a section entitled "Common Mushrooms of the Temperate Regions".

Both volumes include "Selected References" and an Index. Volume I has a short introduction plus acknowledgements and a short Appendix concerning plants common to the northernmost parts of Ellesmere Island and Greenland north of the 81st parallel.

If you are looking for a gift for some friend who has a love of plants, go no further!!

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