

BOOK REVIEW

C. LEO HITCHCOCK AND ARTHUR CRONQUIST. EDITED BY DAVID E. GIBLIN, BEN S. LEGLER, PETER F. ZIKA, AND RICHARD G. OLMSTEAD. ILLUSTRATED BY JEANNE R. JANISH, JOHN H. RUMELY, CRYSTAL SHIN, AND NATSUKO PORCINO. 2018. **Flora of the Pacific Northwest: An Illustrated Manual**. (ISBN-13: 978-0-295742-88-5, hbk). University of Washington Press, Box 359570, Seattle, Washington 98195-9570, U.S.A. (**Orders:** www.washington.edu/uwpress; uwapress@uw.edu, 1-206-543-4050). \$75.00 US, 936 pp., 7,505 illus., 2 maps, 7" × 10".

Topics in the Flora include Project Philosophy, Geographic Boundary, and Taxonomic Scope. The 1973 1st edition is outdated mainly due to knowledge gained with molecular tools for understanding phylogenetic relationships at the levels of family, genus, and species. Results of that work for the Flora include many nomenclatural changes, newly described taxa, and of non-native species newly found in the region. Early in the 2000s the National Science Foundation provided funds for natural history collections to create an online database of plant, fungus, lichen, and algae species in Pacific Northwest herbaria. Along with the digitization effort botanists collected many vascular plant specimens for the University of Washington Herbarium. The boundary of the new *Flora of the Pacific Northwest* comprises all of Washington and parts of Oregon, Idaho, Montana, and British Columbia. Illustrations are drawings which accompany a great many of the 5,335 descriptions of taxa within the keys. The Flora concludes with two indexes.

—Mary Hennen, *Botanical Research Institute of Texas, Fort Worth, Texas, U.S.A.*