

University, California, who has been most helpful in solving many problems connected with our western violets.

Santa Rosa Junior College,
Santa Rosa, California,
December 6, 1937.

REVIEWS

Botanical Studies in the Uinta Basin of Utah and Colorado. By EDWARD H. GRAHAM. Annals of the Carnegie Museum. Volume XXVI. Pp. 1-432. Pl. I-XIII. Carnegie Museum, Pittsburgh, Pennsylvania. 1937.

This comprehensive study of one of the little known natural areas of the western United States represents the results of three Carnegie Museum expeditions to the Uinta Basin in the summers of 1931, 1933, and 1935. In this work 1104 species of vascular plants are recorded from the Basin, an area of 12,000 square miles. Five new species and two new varieties are included. The annotated list of species is based upon collections by the author of some 3500 numbers and a few additional collections by others. Most of these specimens are deposited in the herbarium of the Carnegie Museum. In addition to the annotated list there are discussions of the history of exploration in the Basin, the physiography and climate of the area, the altitudinal vegetation zones and plant communities. The geographic affinity of the flora and endemism are discussed briefly. A list is given of range extensions. The bibliography of the region lists 93 publications.

This study shows a minute attention to detail in its preparation; most of the identifications were checked by specialists; and the entire volume shows the author's intimate knowledge of the botany of the region. Such a complete survey of a natural geographic area is a definite contribution to our knowledge of western flora.—MILDRED E. MATHIAS.

Illustrated Dictionary of Botanical Terms. Excerpt from "An Introduction to Botany" by JOHN LINDLEY, 1848, containing pages 319, 346-383. Reprinted by ALICE EASTWOOD, California Academy of Sciences, San Francisco, with the cooperation of the San Francisco Garden Club. 1938. Paper. \$.50.

Originally published in 1848 this illustrated glossary of botanical terms with Latin equivalents used in the description and naming of plants has proved most useful to professional and amateur botanists. The reprinting of the pages of this glossary in a convenient pamphlet is a valuable contribution. Copies are obtainable from Miss Eastwood.—MILDRED E. MATHIAS.

The California Salvias. A Review of Salvia, Section Audibertia. By CARL EPLING. Annals of the Missouri Botanical Garden. Volume XXV, Number 1. Pp. 95-188 with 19 plates and 14 text figures. St. Louis, February, 1938.



Mathias, Mildred Esther. 1938. "Botanical Studies in the Uinta Basin of Utah and Colorado. *Annals of the Carnegie Museum*. Volume XXVI by Edward H. Graham." *Madroño; a West American journal of botany* 4, 196–196.

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