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Southwestern Plants

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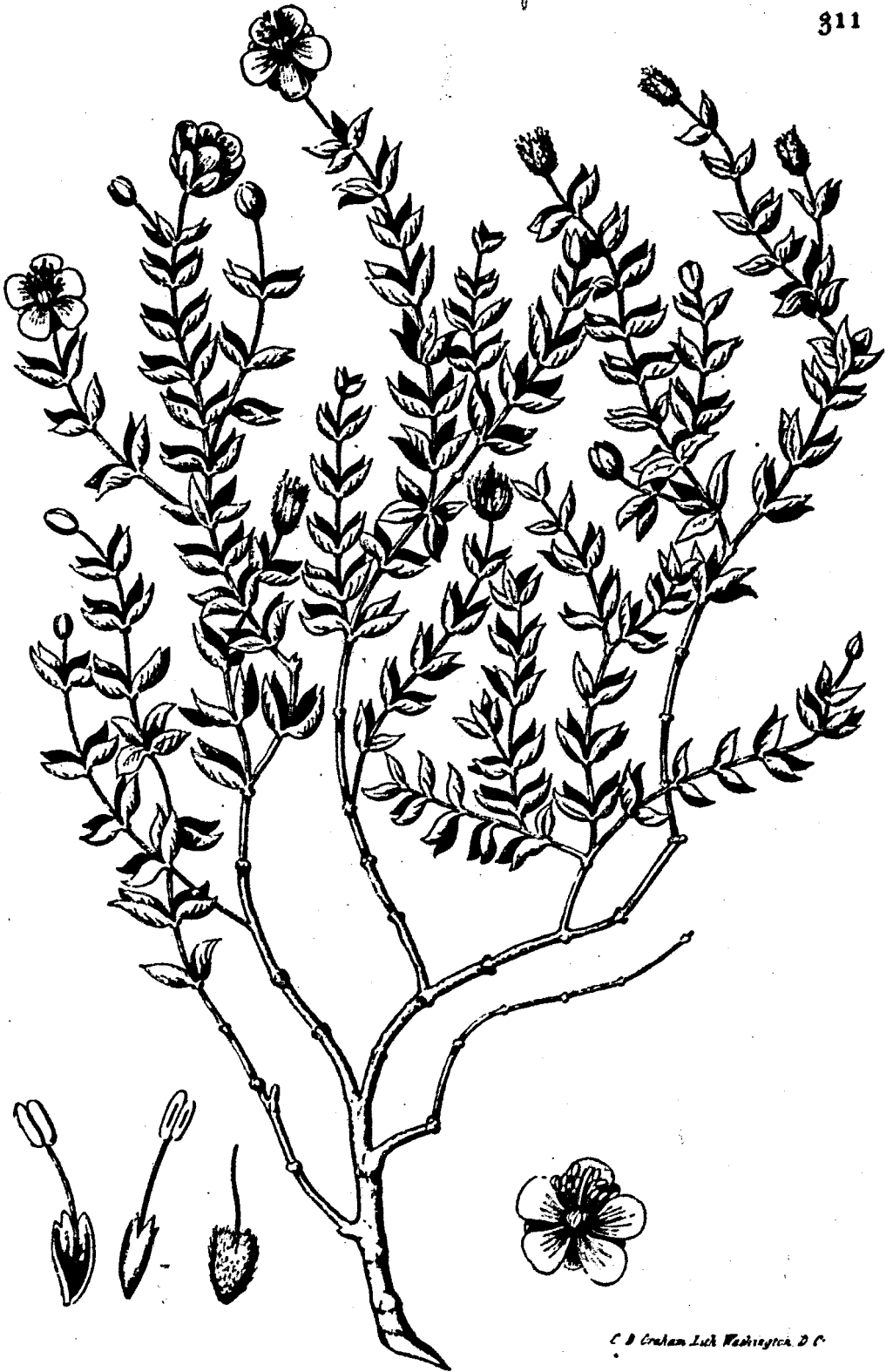
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Southwestern Plants

EIGHT drawings are here reproduced from the lithographs of C. B. Graham in *Notes of a Military Reconnoissance, from Fort Leavenworth, in Missouri, to San Diego, in California*, by Lieut. Col. W. H. Emory. William Hemsley Emory (1811-87), a topographical engineer with the "Army of the West" which marched into New Mexico in 1846, was a rare observer and a competent author. His book, now called the Emory Report, of which Congress ordered "10,000 extra copies" on February 17, 1848, brought to Americans fresh and accurate perspective on new Southwest territories acquired after the Mexican War.

Plant specimens and drawings were submitted to Dr. John Torrey (1796-1873), a chemistry professor at the College of Physicians and Surgeons, New York, and at Princeton. Torrey prepared a catalog of plants which form an appendix to the Emory Report. Cacti for the expedition were examined by George Engelmann (1809-84), a St. Louis physician and celebrated botanist, and he credits J. M. Stanly with drawing cactus figures for the document. Emory, Torrey, and Engelmann are remembered in botanical names. Joseph Ewan states in *Rocky Mountain Naturalists* that Norman Bestor was botanical collector for the expedition, but "Bestor seems to have been bypassed by J. Torrey and those who studied the material taken on the exploration insofar as formal commemorative recognition is concerned, in favor of honoring their . . . military leaders!"

The present-day scientific and popular names for the plants shown on the following pages are given here: P. 311, *Larrea tridentata*—Creosote bush. P. 312, *Dalea Formosa*—Easter purple. P. 313, *Ipomoea leptophylla*—Bush morning-glory. P. 314, *Fouquieria splendens*—Ocotillo. P. 315, *Arctostaphylos pungens*—Point-leaf manzanita. P. 316, *Zinnia grandiflora*—Desert zinnia. P. 317, *Fallugia paradoxa*—Apache plume. P. 318, *Buchloë dactyloides*—Buffalo grass.



LARREA MEXICANA



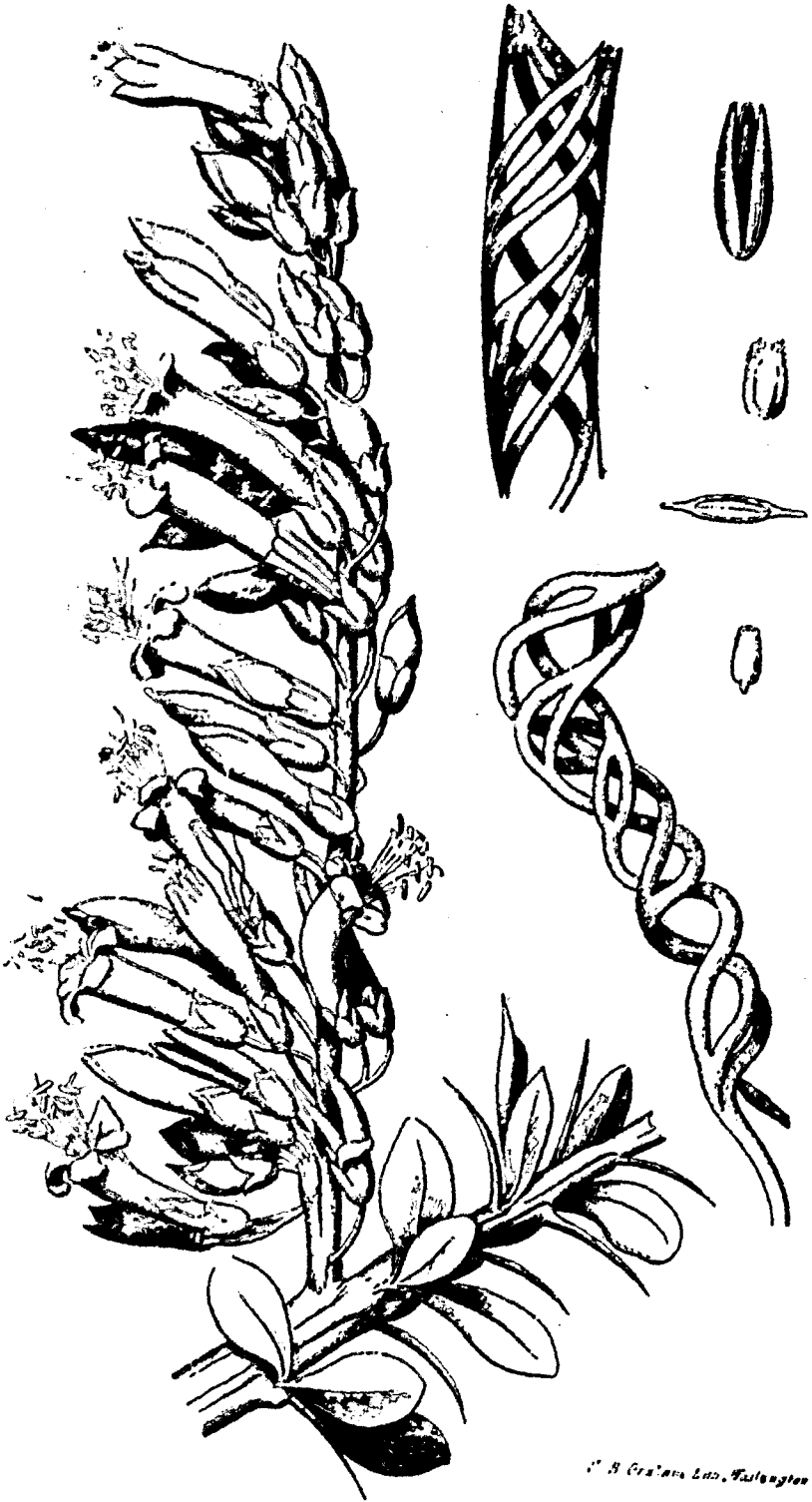
C. B. Orin, Lith. Washington, D. C.

DALEA FORMOSA



I. P. Cockerell & Baker, l.c.

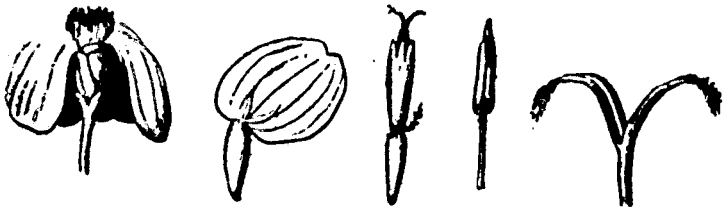
IPOMOEA LEPTOPHYLLA



FOUQUIERA SPINOSA



ARCTOSTAPHYLOS PUNGENS



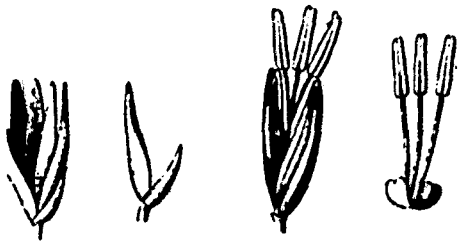
C. D. Graham, U.S. Washington, D.C.

ZINNIA GRANDIFLORA



C. S. Sargent & W. H. Sargent

FALLUGIA PARADOXA.



SESLERIA DACTYLOIDES.