

24620 to 24630.

A collection of conifer seeds secured for foreign exchange and for cooperative hybridizing experiments with Mr. J. W. Riggs, Waterloo, Kans.

24620. PINUS MURICATA D. Don.

From Fruitvale, Cal. Purchased from Mr. F. A. Miller. Received January 28, 1909.

Distribution.—California coast region from Mendocino County southward, usually in widely separated localities, to Tomales Point, north of the Bay of San Francisco, and from Monterey to San Luis Obispo County; in Lower California on Cedros Island, and on the coast between Ensenado and San Quintan.

24621 to 24629.

Received through the Forest Service, United States Department of Agriculture, Washington, D. C., January and February, 1909.

24621 to 24623. Collected in Crook National Forest, Arizona, at an altitude of approximately 6,000 feet.

24621. JUNIPERUS PACHYPHLEA Torr.

Distribution.—Dry, arid mountain slopes, usually at elevations of 4,000 to 6,000 feet above the sea, from the Eagle and Limpio mountains in southwestern Texas, westward along the desert ranges of New Mexico and Arizona, south of the Colorado plateau, extending northward to the lower slopes of many of the high mountains of northern Arizona and southward into Mexico.

24622. JUNIPERUS MONOSPERMA Sarg.

Distribution.—Along the eastern base of the Rocky Mountains from the divide between the Platte and Arkansas rivers in Colorado to western Texas, southern New Mexico, and Arizona and southward into northern Mexico.

24623. PINUS EDULIS Engelm.

Distribution.—Eastern foothills of the outer ranges of the Rocky Mountains, from Colorado to western Texas, westward to the eastern border of Utah, southwestern Wyoming, northern and central Arizona, and over the mountains of northern Mexico.

24624 and 24625. Collected in Chiricahua National Forest, Arizona.

24624. JUNIPERUS PACHYPHLEA Torr.

From an elevation of 5,000 feet. See No. 24621 for distribution.

24625. CUPRESSUS ARIZONICA Greene.

From an elevation of 5,500 feet.

Distribution.—Found on the mountains of central, eastern, and southern Arizona, often on the northern slopes forming almost pure forests of considerable extent at elevations of 5,000 to 6,000 feet above the sea; also found on the mountains of northern Sonora and Chihuahua, in Mexico.

24626. PINUS PONDEROSA Laws.

Collected in Coconino National Forest, Arizona.

Distribution.—A large tree of the western part of North America, extending from British Columbia to Lower California and northern Mexico and eastward as far as northwestern Nebraska and western Texas.