

30498—Continued.

constitutes botanical publication, and it is therefore necessary to use this name for the Cape jasmine.

From Kuling, China. Presented by Mrs. John Berkin. Received March 1, 1911.

“Seeds of the favorite spring flower of the Chinese. In drying, the seeds stain the paper a bright yellow, which is indelible, as I found on my fingers. The Chinese use it in producing their yellow dyes. The bush is graceful and evergreen; the leaves are oblong; the flowers resemble a double white camellia, but with most exquisite perfume. It is a profuse bloomer, the flowers maturing before the leaf buds, being one of the earliest spring flowers.

“The seed pods are very much like those of the rose, but a bright orange yellow in color, and are quite ornamental on the bush among the leaves. Chinese name is Romanized *Chi-tse* flower.” (Berkin.)

30499. MYRTUS ARAYAN H. B. K. Arayan, or arrellano.

From Mazatlan, Mexico. Collected by Mr. J. M. Goulding. Presented by Mr. F. W. Popenoe, Altadena, Cal. Received April 10, 1911.

“This tree grows to be 20 to 35 feet high, the trunk sometimes 15 inches in diameter, with smooth gray bark and erect branches. It seems to be cultivated somewhat extensively in Mexico. Fruit is greenish yellow, with a large irregular disk at the top and a smooth nutlet in the center; very juicy and said to have a rich, spicy, sub-acid flavor. One of the popular soft drinks of the country, said to be very refreshing, is made from it.” (Rose, J. N. *Notes on Useful Plants of Mexico. Contributions from U. S. National Herbarium, vol. 5, no. 4.*)

Distribution.—From Panama southward to Peru.

30500 to 30503.

From central Asia. Presented by Dr. Isaac Bayley Balfour, director, Royal Botanic Garden, Edinburgh, Scotland. Received April 14, 1911.

Seeds of the following:

30500. HORDEUM VULGARE L. Hull-less barley.

Variety.

30501 and 30502. APOCYNUM HENDERSONI Hook.

“This yields the fiber from which the people largely make rope.” (Balfour.)

One or two of the central Asian species of this genus give fiber especially suited for use in paper making, and this may also prove of value for this purpose.

30501. Brown fiber. 30502. White fiber.

30503. CANNABIS SATIVA L. Hemp.

Female.

30504. MEDICAGO SATIVA L. Alfalfa.

From Pretoria, Transvaal, South Africa. Presented by Prof. J. Burt Davy, agrostologist and botanist, Transvaal Department of Agriculture. Received April 17, 1911.

“Chinese lucern. This variety is described as growing equally well on hillsides and in valleys, even at high altitudes, where it is said to attain a height of 4 or 5 feet. It is also said to thrive in very salty, marshy land. I am unable to vouch for the correctness of these statements, but the plant seems to be worth trial.” (Davy.)