

48084 and 48085.

From Melbourne, Victoria, Australia. Presented by Prof. A. E. V. Richardson, agricultural superintendent. Received July 22, 1919.

48084. HORDEUM VULGARE PALLIDUM Seringe. Poaceæ. **Barley.**

Square Head. "Six-rowed field barley, produced by Prof. Perkins, of Roseworthy College, South Australia." (*Richardson.*)

48085. AVENA SATIVA ORIENTALIS (Schreb.) Richter. Poaceæ. **Oats.**

Black Tartarian. "A late black side oat grown to a limited extent in the United States." (*C. W. Warburton.*)

48086. ROSA CORIIFOLIA Fries. Rosaceæ. **Rose.**

From Bell Station, Md. Presented by Dr. Walter Van Fleet. Received September 8, 1920.

"Variety *frobeli*. A promising rose for budding or grafting stock. This rose has been introduced through several sources under the name of *Rosa laxa*. It was grown at the Arnold Arboretum under the name *R. laxa* for several years. *R. coriifolia* is related to the common dog rose, *R. canina*. It is a strong grower, with upright and nearly smooth stems; the flowers are white, the fruit globose and red. The vigor and hardiness, together with its upright and nearly smooth stems and lack of suckers, make it a promising plant for stock. It seeds readily and prolifically and the seedlings come very true. Fruiting plants are to be found at the Arnold Arboretum, Jamaica Plain, Mass., and in the collections of Dr. W. Van Fleet, Bell Station, Md. The rose appears to be perfectly hardy." (*B. T. Galloway.*)

48087. CORDEAUXIA EDULIS Hemsl. Cæsalpiniaceæ. **Yeheb nut.**

From Italian Somaliland, Africa. Nuts presented by the governor of Italian Somaliland, through Capt. Vannutelli, of the Italian Legation. Received September 19, 1919.

"A leguminous shrub or small tree not very far removed from our common cassia. It is also related to the carob and to the Kentucky coffee tree. The plant is an evergreen and is reported so far only from Somaliland and from a region known as the Haud, a waterless desert south of Bohotleh on the southern frontier of the British Protectorate. The kernels have a rather good flavor and are rich in sugar and carbohydrates and have also a very satisfactory amount of proteids. It is said that the natives stew and eat them. The nutritive ratio is 1:6.5, which is very good." (*B. T. Galloway.*)

48088 to 48102.

From Johannesburg, Transvaal. Purchased from the Agricultural Supply Association, through Mr. J. Burt Davy, botanist. Received September 24, 1919. Quoted notes by Mr. Davy.

48088 and 48089. AVENA SATIVA L. Poaceæ. **Oats.**

48088. "*Boer* oat. The principal oat grown for forage, i. e., oat hay, before the Anglo-Boer War, and valued for the fineness of its straw. Almost ousted by the Algerian oat and now very rare. The *Boer* oat always contains some black kernels among the brown. The glumes have a characteristic roughness which readily distinguishes them from *Algerian*. Grown under irrigation."

48089. "*Heijira* rustproof oats. A rather recent introduction which has been grown with some success in the dry districts of the Western Transvaal and is claimed to be rust resistant."