

39836. MANISURIS EXALTATA (L. f.) Kuntze. Poaceæ.*(Rottboellia exaltata L. f.)*

From Sibpur, near Calcutta, India. Presented by the superintendent, Royal Botanic Garden. Received January 23, 1915.

Distribution.—An annual grass with stems 4 to 10 feet high, ranging throughout India, ascending to 7,000 feet in Gurhwal.

39837. ADENOPHORA VERTICILLATA Fisch.

From Harbin, Manchuria. Presented by Mr. Lewis S. Palen. Received January 18, 1915.

“Chinese *Ssu yeh ts'ai*, or ‘Four-leaf plant.’ Sample taken in September, 1914, on the Sungari River, 50 miles above its confluence with the Amur. It grows all through the woods here and on the open plain, coming earlier in the spring than almost any other save the wild onion. About 6 inches to 1 foot high by the end of May. It makes a delicious green for stewing by the middle of May in a climate where the frost is not out of the ground more than 4 or 5 inches by the middle of April. If it could be introduced at home, it might prove of considerable value. It has an excellent flavor and is superior, in my estimation, to many of the greens used in America. We prefer it to spinach.” (Palen.)

39838. MYRICARIA GERMANICA (L.) Desv. Tamaricaceæ.

From Darjiling, India. Presented by Mr. A. C. Hartless, superintendent, Government Botanical Gardens, Seharunpur, India, who procured it from Mr. G. H. Cave, Lloyd Botanic Gardens, Darjiling. Received January 23, 1915.

See S. P. I. No. 39630 for previous introduction and description.

39839 to 39844. JUGLANS REGIA L. Juglandaceæ. Walnut.

From Grenoble, France. Presented by Mr. Thomas W. Murton, American vice consul. Received January 2, 1915.

All are late-blooming varieties from Tullins, Isere, the name of the orchard (*Clos*) from which the nuts came being given in each case.

“As instructed, I made a first trip, on June 23, to Tullins, Isere, and neighboring walnut-growing districts, where I located several fine, vigorous, healthy-looking specimens of the late-blooming variety of walnut trees, cuttings from which are desired later by the Department of Agriculture for experimental purposes.

“It will be my duty also to forward to this department at harvesting time samples of the nuts produced by these trees for comparison and possible sowing.

“This variety, though a good producer, is little appreciated by growers hereabouts, for the reason that the fruit it bears is lighter in weight than most other kinds and consequently not so profitable from a pecuniary point of view; indeed, there is a growing tendency on the part of the farmers in this region to eliminate all such trees from their plantations on this account. As a matter of fact, several of those that I have marked are destined to be cut down in the near future, and the probability is that little by little this particular species will disappear entirely from the region of the Isere to make way for the more esteemed and much preferred grafted *Mayette*, the cultivation of which has greatly increased within the past four or five years in and around Tullins, where several new orchards have been laid out independently of individual plantings.