

**54322 to 54325—Continued.****54325. PETREA VOLUBILIS L. Verbenaceæ.**

"A woody climber of exquisite beauty when in full flower. The heliotrope violet-centered blossoms are borne in loose pendent sprays which hang gracefully from the slender arching branches. These, combined with the rigid green leaves, suggest almost an artificial blossom. Native to tropical South America and some of the West Indies." (*H. F. Macmillan.*)

**54326. AVENA SATIVA L. Poaceæ.****Oats.**

From Edinburgh, Scotland. Seeds presented by George Sinclair, manager, Earl of Roseberry's Dalmeny farms. Received September 30, 1921.

"*Scotch Newmarket* oats which by breeding have been increased to a yield of 100 bushels per acre and a weight of 56 pounds per bushel." (*Lou D. Sweet, Denver, Colo.*)

**54327 to 54329. NAGEIA spp. Taxaceæ.****Yellowwood.**

(*Podocarpus* spp.)

From Pretoria, Union of South Africa. Seeds presented by E. Percy Phillips, division of botany. Received September 29, 1921.

"I am sending seeds of species of South African yellowwoods which may interest you. As the genus is now under revision at Kew, the Herbarium numbers of the forestry department should be kept, as they will be quoted in the monograph when published." (*Phillips.*)

**54327. NAGEIA sp.**

Herbarium No. 3467.

**54329. NAGEIA sp.**

Herbarium No. 3392.

**54328. NAGEIA sp.**

Herbarium No. 3466.

**54330. CARICA PAPAYA L. Papayaceæ.****Papaya.**

From Canal Zone. Seeds collected by Dr. David Fairchild, Agricultural Explorer in Charge of the Office of Foreign Seed and Plant Introduction. Received September 16, 1921.

"An oblong-fruited form of exquisite flavor. Grown in the plantations of the Government at Bracho Mindi and served in the hotels of the Panama Railway Co." (*Fairchild.*)

**54331. CENTAUREA RAGUSINA L. Asteraceæ.**

From Chemin des Grottes St. Helene, Nice, France. Seeds presented by Dr. A. Robertson Proschowsky. Received September 26, 1921.

"A strikingly ornamental long-lived plant. I have two nearly 30 years old, growing on a perpendicular wall. Very few good seeds are produced and germination seems difficult; any stagnant moisture should be avoided. It is best to mix the seeds with soil, spread the mixture out in a fissure of a rock and keep slightly moist." (*Proschowsky.*)

For previous introduction, see S. P. I. No. 48027.

**54332. OCHROMA LAGOPUS Swartz. Bombacaceæ.****Balsa.**

From Camaguey, Cuba. Seeds presented by Dr. R. L. Luaces, director, Granja Escuela. Received September 23, 1921.

"Seeds from this spring's crop. The seeds are very small and embedded in the lint, which is a silk cotton that does not absorb water, and for this reason it is used for life belts. The wood of the tree is stronger and much lighter than basswood and is being used in aeroplane construction. I believe it will grow well in southern Florida, around Brownsville, Tex., and in parts of California." (*Luaces.*)

For previous introduction, see S. P. I. No. 53490.