

dens and planted here and there along roadsides. This tree has the peculiar property of exhibiting rubberlike threads of shining whitish color when pieces of bark or leaf are snapped across, but it shows this peculiarity more strongly in its winged fruits. On this account it is called *Shih mien shu*, meaning 'stone-cotton tree,' reference being made apparently to the resemblance of this caoutchouc or rubber to asbestos. This tree reaches a height of 80 feet and seems to grow best when sheltered by other trees. It might prove of value as a quick-growing ornamental tree for parks in those sections of the United States where the winters are not too severe." (*Meyer.*)

For previous introduction, see S. P. I. No. 40028.

46062 and 46063.

From China. Collected in Kih sien, Honan Province, by Mr. G. D. Schlosser, at the request of Mr. Frank N. Meyer, Agricultural Explorer for the Department of Agriculture. Received May 9, 1918.

46062. *CELTIS SINENSIS* Pers. Uimacæ.

Hackberry.

A tree, native to China and Japan, growing to a height of 30 feet. The broadly ovate leaves, 2 to 4 inches long, are cordate at the base and acuminate at the apex, with a serrate-dentate margin. The dull orange-red fruits are borne on stout pedicels. This tree has proved hardy at the Arnold Arboretum, Jamaica Plain, Mass. (Adapted from *Bailey, Standard Cyclopedia of Horticulture, vol. 2, p. 710.*)

46063. *PYRUS CALLERYANA* Decaisne. Malacæ.

Pear.

Introduced for experiments in producing a blight-resistant stock for cultivated varieties of pear and for hybridizing, in an effort to produce blight-resistant varieties.

46064 to 46073.¹

From Santos, Brazil. Procured by Mr. C. F. Deichman, American consul. Received May 9, 1913. Quoted notes by Mr. Deichman.

46064 to 46072. *PHASEOLUS VULGARIS* L. Fabacæ. Common bean.

46064. "No. 1. *Mulatinho claro* (brown bean; light color)."

46065. "No. 2. *Mulatinho oscuro* (brown bean; dark color)."

46066. "No. 4. *Vermelho* (red bean)."

46067. "No. 5. *Amarello* (yellow bean)."

46068. "No. 6. *Preto* (black bean)."

46069. "No. 7. *Branco grande* (white bean; large)."

46070. "No. 8. *Branco miudo* (white bean; small)."

46071. "No. 9. *Manteiga* (butter bean)."

46072. "No. 10. *Pintado* (spotted bean)."

46073. *VIGNA SINENSIS* (Tornier) Savi. Fabacæ.

Cowpea.

"No. 3. *Fradino* (dwarf or French bean)."

¹ Introduced for use in a large series of experiments in testing and breeding varieties of South American legumes for the purpose of selecting or developing superior strains suited to the various conditions obtaining in different parts of the United States.