

90120 to 90297—Continued.

90174. *LESPEDEZA* sp.

No. 6434. Found on poor dry soils.

90175. *LESPEDEZA* sp.

No. 6436. Plants 24 to 36 inches high, found growing on poor dry soils.

90176. *LESPEDEZA* sp.

No. 6347. Plants 20 to 30 inches high, found growing on poor dry soils.

90177. *LOTUS CORNICULATUS* L. Fabaceae.  
Birdsfoot trefoil.

No. 6347. Collected along the roadside near Selryori, Chosen, September 20, 1930. A semiprocumbent plant which makes an abundant growth on very poor soil. Blossoms and mature seed were found on the same plants. The seed shatters easily. May be of value for green manure and pasture.

90178 to 90182. *MEDICAGO* spp. Fabaceae.90178. *MEDICAGO RUTHENICA* (L.) Trautv.

No. 6378. Received through M. Kosal, forage-crop expert, South Manchurian Railway Experiment Station, Kungchuling, Manchuria, October 2, 1930. A wild alfalfa found growing in abundance in rocky adverse situations in northern Manchuria and Mongolia. It resembles alfalfa in its habit of growth; the main stem is sometimes 4 feet high, covered with small leaves; the outside of the pea-shaped flower is bronze, the inside deep sulphur yellow. The small 6-seeded pods, when ripe, split up the back, but the seed apparently does not fly out like many of the other legumes. This perhaps will make a hay crop; it is an excellent seed producer.

For previous introduction see 65283.

90179 to 90182. *MEDICAGO SATIVA* L.  
Alfalfa.

90179. No. 6323. Received from D. N. Lutz, Union College, Heijo, Chosen, September 12, 1930. Collected near Sorai Beach, Kumipo, Chosen. Said to be a wild alfalfa which grows on the cliffs near the beach and spreads by running rootstocks.

90180. No. 6369. Collected along the roadside near West Heijo (Pyenyang), Chosen, September 9, 1930.

90181. No. 6370. Received from the Hoten Shubyoen, Mukden, Manchuria, September 29, 1930. The seed is obtained from Shantung Province, China, and is sold to farmers in the Kungchuling district. It is said to be a hardy variety.

90182. No. 6191. From the road of the south wall of Chinchon, Manchuria, August 16, 1930. The procumbent plants have flowers which vary from pale blue to pinkish purple. Said to have been introduced from Russia prior to 1905.

90183 to 90187. *MELILOTUS* spp. Fabaceae.  
Sweetclover.90183 and 90184. *MELILOTUS OFFICINALIS* (L.) Lam.

90120 to 90297—Continued.

90183. No. 6192. Collected along the road of the west wall of Chinchon, Manchuria, August 16, 1930, from leafy plants 20 to 30 inches high which have yellow flowers.

90184. No. 6201. Collected in a field on the outskirts of Heijo (Pyenyang), Chosen, August 23, 1930, from plants 5 to 6 feet high with yellow flowers. The seed was just beginning to mature.

90185 to 90187. *MELILOTUS SUAVEOLENS* Ledeb.

For previous introduction see 61320.

90185. No. 6304. Collected along the roadside near Taihei, Chosen, September 5, 1930, from plants 5 to 6 feet high which were quite branching and still retained their leaves, although the seed was fully mature.

90186. No. 6379. Received from M. Kosal, forage-crop expert, South Manchurian Railway Experiment Station, Kungchuling, Manchuria, October 2, 1930. A wild form of *meililotus* occurring in Manchuria.

90187. No. 6414. Obtained near Oshozan, Manchuria, October 7, 1930. Only one plant was found in this section. It is about 4 feet high and a late variety, as the stump was still green.

90188. *MISCANTHUS SACCHARIFLORUS* (Maxim.) Hack. Poaceae. Grass.

No. 6389. From the Botandai hill region, Heijo (Pyenyang), Chosen, September 28, 1930.

For previous introduction see 73193.

90189. *OSTERDAMIA JAPONICA* (Steud.) Hitchc. Poaceae. Japanese lawngrass.

No. 6247. From the roadside, about 4 miles north of Chuwa, Chosen, August 27, 1930.

For previous introduction see 89387.

90190. *OXYTROPIS HIRTA* Bunge. Fabaceae.

No. 6077. August 4, 1930. Collected along roadsides between Daiboshin and Sukaton, Manchuria. This species makes a fair growth on poor soil. It is not very abundant in any one place. May have value as green manure or possibly pasture.

90191. *PENNISETUM ALOPECUROIDES* (L.) Spreng. Poaceae. Grass.

No. 6316. September 11, 1930. Collected about 2 miles northwest of Heijo, Chosen. This grass grows quite abundantly in waste fields and along roadsides. It is generally found on rather poor soil, and has a very good basal growth.

90192. *PHASEOLUS ANGULARIS* (Willd.) W. F. Wight. Fabaceae. Adzuki bean.

No. 6285. From a farm near Heijo, Chosen, September 3, 1930. A very small reddish-brown bean which matures early.

90193 to 90198. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.

90193. No. 6317. Collected about 4 miles northwest of Heijo, Chosen, September 11, 1930. This species makes a good growth on poor, rather dry soils.