

41457 to 41360—Con. (Quoted notes by Dr. Walter Van Fleet.)

41358. "Much the same as S. P. I. No. 41357; possibly slightly better in flavor and tenderness of flesh."

41359. "Trees of this number bear much larger nuts than those of either of the two preceding. The nuts are much larger than the American type, about the size of a Spanish chestnut, and are very sweet."

41360. "Tree 26. These are nuts of high quality, much the same in size and flavor as S. P. I. No. 41359."

41361 to 41371. DIOSPYROS KAKI L. f. Diospyraceæ. Persimmon.

From Okitsu, Japan. Cuttings presented by Prof. Ishiwara, Horticulture Experiment Station. Received October 9, 1915.

Numbered from 1 to 10; also one package of mixed numbers.

41372 to 41383.

From Poona, Bombay, India. Cuttings presented by Mr. W. Burns, Economic Botanist, Agricultural College. Received October 9, 1915.

41372 to 41376. *OPUNTIA* spp. Cactaceæ. **Prickly-pear.**

41372. *OPUNTIA* sp.

41373. *OPUNTIA DILLENII* (Ker-Gawler) Haworth.

41374 and 41375. *OPUNTIA* spp.

41376. *OPUNTIA ELATIOR* Miller.

41377. *NOPALEA COCHENILLIFERA* (L.) Salm-Dyck. Cactaceæ.

Cochineal cactus.

"A cactus with fleshy, obovate, unarmed branches, native of Mexico, but cultivated on a large scale, especially in the Canary Islands, for cochineal breeding. This is not the only plant which is suited for this purpose; there are several other kinds, characterized by unarmed branches, used for the same purpose; the reason for the choice of this is obvious, because the workmen are not injured by spines. Cochineal, the well-known, splendid, very brilliant color, is produced from the bodies of the scale insect (*Coccus cacti*), killed by means of steam. Since the development of the aniline-dye industry this branch of agriculture, which was extremely profitable to the above islands, has gone down and become practically unremunerative." (*Engler and Prantl, Pflanzenfamilien.*)

41378 to 41383. *OPUNTIA* spp. Cactaceæ. **Prickly-pear.**

41378. *OPUNTIA FILIPENDULA* Engelmänn.

41379 to 41381. *OPUNTIA* spp.

41382. *OPUNTIA DECUMANA* (Willd.) Haworth.

41383. *OPUNTIA FICUS-INDICA* (L.) Miller.

41384. ANNONA sp. Annonaceæ.

Seeds from Cajabon, Guatemala. Presented by Mr. Walter-F. Curley. Received October 7, 1915.

"*Tzumuy Pac*, so called here in the Indian language. I had never seen them until some Indians brought them in; they say they are quite common on the mountain of Chaal near the British Honduras border. They are quite small, yellow outside with corrugated skin, and resemble the larger fruit *sincuya* (*Annona purpurea*). There is very little inside to eat, but that is of fine flavor. The seeds are very abundant. Ripens in the district of Cajabon, Guatemala, in September." (*Curley.*)