

## 69536 to 69547—Continued.

This variety differs from other persimmons found in this vicinity in having inner layers of light-gray bark and dark-gray branchlets.

69542 to 69546. *PYRUS CALLERYANA* De-caisne. Malaceae. Fear.

69542. No. 203. Near Chukkouen, Loh-kongtung. October 31, 1925. *Taai leng tsah sha lei*. A variety with very large rusty-colored fruits, which are one-sided globular in shape, with the large long stem inserted in a deep irregular depression. The fruits have rather astringent coarse flesh and are considered best when pickled in salted vinegar.

69543. No. 204. Near Chukkouen, Loh-kongtung. October 31, 1925. *Hung lei*. A red-fruited very sweet variety with little flavor, which is said to resemble No. 203 [No. 69542] in shape, but has a smaller stem.

69544. No. 205. Near Chukkouen, Loh-kongtung. October 31, 1925. *Taam shui sha lei*. A large yellow globular-fruited variety which is considered by the Chinese to be the best flavored and sweetest variety of the pears grown in this region. Most of the crop is consumed as fresh fruits.

69545. No. 207. Near Chukkouen, Loh-kongtung. October 31, 1925. *Taai tuk suet lei*. The fruits of this variety are said to be pear-shaped, yellow, with white flesh of excellent quality.

69546. No. 208. Near Chukkouen, Loh-kongtung. October 31, 1925. *Ye sam sha lei*. The fruits of this variety are said to be the smallest of any variety cultivated here. They are fine-grained, sweet, and of excellent texture. These fruits are used to make a drink called "ye sam chap," which is considered by the Chinese to have medicinal value. This drink is made by allowing the fruits to rot in covered jars for three years. The pulp is said to be entirely reduced by bacterial action and at the end of three years only a liquid remains.

69547. *ZIZIPHUS* sp. Rhamnaceae. Jujube.

No. 246. Cheungchow, Kwongsai. November 21, 1925. *Paak tso*. An especially small-seeded and prolific variety, considered here to be the best of the Chinese jujubes. It seems to be cultivated only on the silty soil of the flood plain of the West River, west of Tak-hing, which is annually inundated. The tree is deciduous, dropping its leaves in October and November, and is propagated here only by root sprouts which are taken up and transplanted during February or March. The fruits are prepared for consumption by slitting the skin and boiling them in a sugar solution after which they are dried in the sun. This product is called "mat tso," or honey dates.

69548 and 69549. *MALUS* spp. Malaceae. Crab apple.

From Manchuria. Scions collected by P. H. Dorsett, agricultural explorer, Bureau of Plant Industry. Received January 2, 1926. Numbered December, 1926.

## 69548 and 69549—Continued.

69548. *MALUS* sp.

No. 4722. Taluhua Temple, Kuangning. November 7, 1925. *Pin tze* (sour crab apple). A variety with red fruits, 1½ to 2 inches in diameter, which ripens in September.

69549. *MALUS* sp.

No. 4725. Taluhua Temple, Kuangning. November 7, 1925. *Tai ping kuo* (peace-fruit crab apple). A small crab apple, half white and half red and 1 inch in diameter, which ripens early in August.

## 69550 to 69712.

From Manchuria. Seeds obtained by P. H. Dorsett, agricultural explorer, Bureau of Plant Industry, through the cooperation of D. McLorn, Postal Commissioner, Harbin. Received November, 1926.

69550 to 69704. *HORDEUM VULGARE PAL-LIDUM* Seringe. Poaceae. Six-rowed barley.

69550. No. 6781. From Mushihho, Kirin Province.

69551. No. 6785. From Ssuchatzu, Kirin Province.

69552. No. 6789. From Fuyuhshien, Kirin Province.

69553. No. 6793. From Shulanpaich-tun, Kirin Province.

69554. No. 6797. From Wuchangchu.

69555. No. 6801. From Ahcheng.

69556. No. 6805. From Hsiangyang-chilin.

69557. No. 6809. From Wangching.

69558. No. 6813. From Chinglang.

69559. No. 6817. From Kirin, Kirin Province.

69560. No. 6823. From Mahaochilin.

69561. No. 6827. From Chiamussu.

69562. No. 6831. From Hailar.

69563. No. 6834. From Mishan.

69564. No. 6838. From Shulan.

69565. No. 6842. From Kuanmashan.

69566. No. 6846. From Lungchingtsun.

69567. No. 6857. From Chungshing-chen, Heilungkiang Province.

69568. No. 6861. From Wukeshu, Kirin Province.

69569. No. 6865. From Bachtieh.

69570. No. 6869. From Hsinlichen-shenlan, Kirin Province.

69571. No. 6873. From Heiershu.

69572. No. 6876. From Tangyuan.

69573. No. 6880. From Wangtechuch-ingtzu.

69574. No. 6883. From Chungaitsun.

69575. No. 6887. From Suifenhö.

69576. No. 6891. From Lungshingtsun, Kirin Province.

69577. No. 6895. From Yakeshü, Heilungkiang Province.

69578. No. 6899. From Fularki.