

90545 to 90585—Continued.

90567. No. 6477. From Changchun district.

Nos. 90568 to 90570; locality not known.

90568. No. 6478. 90570. No. 6480.

90569. No. 6479.

90571. No. 6481. From the Changchun district.

90572. No. 6482. Locality not known.

90573. No. 6483. From Changchun to the Harbin district.

90574. No. 6484. From near Changchun.

90575. No. 6485. Locality not known.

90576. No. 6486. From near Changchun.

Nos. 90577 to 90579; locality not known.

90577. No. 6487. 90579. No. 6489.

90578. No. 6488.

90580. No. 6446. Collected near Kungchuling by M. Ohara, of the Manshu Nosan Shokai, Dairen, November 12, 1930. A very viny plant with small dull-black seed which grows abundantly in waste places.

90581. *TRIFOLIUM LUPINASTER* L. Fabaceae. Clover.

No. 6447. Collected near Kungchuling by M. Ohara, November 12, 1930. This may be of value for forage and green manure.

90582 to 90585. *VICIA* spp. Fabaceae. Vetch.

Collected by M. Ohara, November 12, 1930.

90582 and 90583. *VICIA AMOENA* Fisch. Collected near Kungchuling.

90582. No. 6460.

90583. No. 6462. Variety *oblongifolia*.

90584. *VICIA CRACCA* L. Cow vetch.

No. 6452. Collected near Dairen.

90585. *VICIA UNIJUGA* A. Br.

No. 6465. Collected near Dairen.

90586 and 90587.

From Buitenzorg, Java. Seeds presented by Dr. W. Docters van Leeuwen, Director, Botanic Garden. Received December 18, 1930.

90586. *LIVISTONA JENKINSIANA* Griffith. Palm.

An East Indian palm 20 to 30 feet tall with a thick round crown. The leaves are used for covering tops of boats and umbrellas.

For previous introduction see 46697.

90587. *LIVISTONA ROTUNDIFOLIA* (Lam.) Mart. Phoenicaceae. Java fan palm.

An erect pinnate-leaved palm, native to tropical Asia, about the same size as the coconut palm. The hard, durable wood is used for general construction.

For previous introduction see 72599.

90588 to 90648.

From Tiflis, Union of Soviet Socialist Republics. Seeds presented by the Director of the Botanic Garden. Received December 18, 1930.

90588 to 90592. *ACER* spp. Aceraceae. Maple.

90588. *ACER CAPPADOCICUM* Gleditsch (*A. laetum* C. Mey.).

Coliseum maple.

A tree up to 50 feet high, native to the Caucasus region and eastward to western China. The 5-lobed to 7-lobed cordate leaves are 3 to 6 inches across, and the greenish-yellow flowers, in upright corymbs, are followed by spreading winged fruits.

90589. *ACER DIVERGENS* Koch and Pax.

A tree, native to the Caucasus region, with ash-brown bark and leathery 5-lobed leaves which are dark green above and pale beneath.

For previous introduction see 64290.

90590. *ACER HYRCANUM* Fisch. and Mey.

A southern European maple of compact habit, about 25 feet high, with bright-green 5-lobed leaves and greenish-yellow flowers which are followed by winged fruits about 1 inch long.

For previous introduction see 64291.

90591. *ACER INSIGNE* Boiss. and Buhse.

A large tree with deeply cordate leaves 5 to 10 inches across, having five coarsely crenate-serrate lobes. The flowers are borne in large erect panicles. It is native to the Caucasus region and northern Persia.

90592. *ACER MONSPESSULANUM* IEBBICUM (Bieb.) Pax.

A form of the Montpellier maple with larger leaves, having the inner lobes slightly 3-lobed and obtuse. It is native to the Caucasus region.

90593 to 90607. *ALLIUM* spp. Liliaceae. Onion.

90593. *ALLIUM AFFINE* Ledeb.

An onion about 18 inches high, with semicylindrical leaves and a dense umbel of white flowers on an erect slender scape. Native to Persia and the Caucasus.

90594. *ALLIUM ALBIDUM* Fisch.

A species with clustered oblong bulbs, very narrow semiterete leaves, and white or yellowish-white flowers. Native to the southern part of the Union of Soviet Socialist Republics.

For previous introduction see 59346.

90595. *ALLIUM ATROVIOLACEUM* Boiss.

This onion, a native of Asia Minor, has very narrow flat leaves about 2 feet long, and dark-purple flowers in a many-flowered globular umbel.

90596. *ALLIUM CHARAULICUM* Fomin.

A Caucasian onion with filiform leaves and white flowers, marked with reddish lines, in a rather dense umbel, on a scape 6 to 8 inches high.

90597. *ALLIUM DAGHESTANICUM* Hort.

A name for which a place of publication and a description have not been found.