

101587 to 101607—Continued.

101607. *CASTANEA SEGUINII* Dode.

A wild bush chestnut from Hangchow, native to east-central China. It is usually a bush or low tree, but occasionally a shapely tree 40 feet high, with deep-green leaves, paler beneath, and small nuts of sweet agreeable flavor.

101608. *CASUARINA TORULOSA* Ait.
Casuarinaceae.

From Australia. Seeds presented by Dr. Alexander McTaggart, Commonwealth Forestry Bureau, Council for Scientific and Industrial Research, Division of Plant Industry, Canberra. Received January 5, 1933.

From the Cooperook State Forest, New South Wales, November 14, 1932. A native Australian tree with wood which is close grained and very prettily marked. It is used for shingles and also as veneer for cabinetwork.

For previous introduction see 92486.

101609. *CITRUS* sp. Rutaceae.

From the Society Islands. Scions collected at Papeete, Tahiti, by Gerrit P. Wilder. Received January 16, 1933.

101610 to 101617. *CASTANEA SATIVA* Mill. Fagaceae. Spanish chestnut.

From Czechoslovakia. Scions presented by the Ministry of Agriculture, Bratislava, through Dr. Jan Skalicky, counselor, Czechoslovak Legation, Washington, D.C. Received January 10, 1933.

A collection of scions of very cold-resistant varieties.

101610. From Bratislava.

101611 to 101613. From Zablatie, in the Vah River Valley.

101614. From Drietoma, in the Vah River Valley.

101615. From Pruske, in the Vah River Valley.

101616. From Topolcianky.

101617. From Radosina.

101618. *ALLIUM SATIVUM* L. Liliaceae.
Garlic.

From Manchuria. Bulbs presented by Shinichi Terada, Agricultural Experiment Station of the South Manchurian Railway Co., Yagakujo. Received January 10, 1933.

Introduced for the use of Department specialists.

101619. *TULIPA BIEBERSTEINIANA* Schult. f. Liliaceae. Tulip.

From the Union of Soviet Socialist Republics. Seeds presented by the Nikita Botanic Garden through the chief of the Bureau of Introduction, Leningrad. Received January 9, 1933.

A rather low plant with 2 or 3 lanceolate or linear grooved acute leaves and a smooth stem bearing a single flower, yellow within and greenish-yellow on the outside. Native to southeastern Russia and closely related to *Tulipa celsiana*.

101620 to 101622. *AVENA* spp. Poaceae. Oats.

101620 to 101622—Continued.

From Australia. Seeds presented by the New England Experiment Farm, Glen Innes, New South Wales. Received January 12, 1933.

101620. *AVENA SATIVA* L.

Laggan.

101621. *Avena* sp. Burke.

101622. *Avena* sp. Lampton.

101623 to 101627.

From Spain. Scions presented by Ramon Sala, Balaguer, Lerida. Received January 14, 1933.

101623. *OLEA EUROPAEA* L. Oleaceae.
Common olive.

Grossal. A locally grown variety with fruit larger than the average, but the tree is a poor cropper.

101624 to 101627. *PRUNUS ARMENIACA* L. Amygdalaceae. Apricot.

101624. *Cantino*. A fruit of rather poor quality, but an enormous yielder and a good shipper. Possibly the most widely grown variety in Spain.

101625. *Moniqui*. The best variety grown in Spain. The fruit is large with white flesh and is quite peculiar and different from the other apricots, but it is a poor yielder.

101626. *Perla*. A very good variety, which is planted quite extensively in Spain.

101627. *Rosa*. The earliest commercial variety of Spain. The fruit is earlier and larger than the *Early Newcastle*.

101628. *ZAMIA PORTORICENSIS* Urban. Cycadaceae.

From Puerto Rico. Tubers presented by T. B. McClelland, director of the Agricultural Experiment Station, Mayaguez. Received January 18, 1933.

A cycad with a short stem 12 to 14 inches high, native to Puerto Rico. The pinnately compound leaves, 2 to 3 feet long, are made up of 20 to 34 smooth shining narrowly linear leaflets, 2 to 3 inches long, which are usually entire but may have 1 or 2 small teeth near the tip. The oblong-cylindric fruiting cone, 10 inches long, is covered with gray tomentose scales.

For previous introduction see 98737.

101629. *HAMAMELIS JAPONICA* Sieb. and Zucc. Hamamelidaceae.
Japanese witch-hazel.

From Japan. Seeds purchased from the Chugal Shokubutsu Yen, nurserymen, Yamamoyo, Kawabegun, near Kobe. Received January 12, 1933.

A shrub or small tree up to 30 feet high, with broadly ovate or obovate leaves 2 to 4 inches long. The flowers, which appear in January and February, are an inch across with revolute sepals, purple inside, and bright yellow petals. Native to Japan.

101630 to 101644. *VITIS VINIFERA* L. Vitaceae. European grape.

From Italy. Cuttings presented by Prof. Giovanni Delmasso, Direttore della R.