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Plant Inventory No. 146

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., December 1950



PLANT MATERIAL INTRODUCED BY THE DIVISION OF PLANT EXPLORATION AND INTRODUCTION, BUREAU OF PLANT INDUSTRY,¹ JANUARY 1 TO MARCH 31, 1941 (Nos. 139628 to 141198)

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This inventory, No. 146, lists the plant material (Nos. 139628 to 141198) received by the Division of Plant Exploration and Introduction during the period from January 1 to March 31, 1941. It is a historical record of plant material introduced for Department and other specialists, and is not to be considered as a list of plant material for distribution.

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*Plant Industry Station,
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INVENTORY

139628. MOMORDICA GROSVENORI Swingle. Cucurbitaceae.

From China. Tubers presented by Prof. G. W. Groff, Lingnan University, Canton. Received January 6, 1941.

Lo han kuo. The dried fruits of this Chinese plant are imported in quantity into the United States, where Chinese residents use them for medicinal purposes.

139629 to 139631.

From Costa Rica. Seeds presented by Henry R. Jahn & Son, New York, N. Y. Received January 8, 1941.

139629. HYPARRHENIA RUFA (Nees) Stapf. Poaceae.

Jaragua.

For previous introduction see 133430.

139630. PANICUM MAXIMUM Jacq. Poaceae.

Guinea grass.

For previous introduction see 138984.

139631. PASPALUM NOTATUM Fluegge. Poaceae.

Bahia grass.

Gengibrillo. A tropical American perennial grass, used for forage and for erosion control.

For previous introduction see 137492.

¹Now Bureau of Plant Industry, Soils, and Agricultural Engineering, Agricultural Research Administration, United States Department of Agriculture.

139632 to 139646.

From Venezuela. Seeds collected by A. G. Sandoval, Soil Conservation Service, United States Department of Agriculture. Received January 13, 1941.

139632 and 139633. CAJANUS CAJAN (L.) Druce. Fabaceae. **Pigeon-pea.**

139632. *Quinchoncho*. From San Tome, State of Angoategui. A black, edible, hardy variety.

139633. *Quinchoncho*. From El Tigre, State of Angoategui. A white, edible, hardy variety; good chicken feed.

139634. CANAVALIA ENSIFORMIS (L.) DC. Fabaceae. **Jackbean.**

From San Tome.

For previous introduction see 125096.

139635. CROTALARIA sp. Fabaceae.

From Ciudad Bolivar; an ornamental wild plant.

139636. DESMODIUM sp. Fabaceae.

Imperata. From San Tome, Estado Angoategui.

139637. DESMODIUM sp.

Imperata. From Cumanacoa.

139638 and 139639. GLYCINE MAX (L.) Merrill. Fabaceae. **Soybean.**

From San Tome, Estada Angoategui.

139638. No. 1.

139639. No. 2.

139640. SORGHUM HALEPENSE (L.) Pers. Poaceae. **Johnson grass.**

From Cumanacoa.

For previous introduction see 138989.

139641. SORGHUM VULGARE Pers. **Sorghum.**

From eastern Venezuela; a semiwild type.

139642. STIZOLOBIUM DEERINGIANUM Bort. Fabaceae. **Deering velvetbean.**

"Baby" velvetbean. From San Tome.

For previous introduction see 115031.

139643. STIZOLOBIUM PRURITUM (Wight) Piper and Tracy. **Velvetbean.**

From San Tome.

For previous introduction see 110195.

139644. STIZOLOBIUM VELUTINUM (Hassk.) Piper and Tracy. **Velvetbean.**

Giant velvetbean. From San Tome.

For previous introduction see 75382.

139645. TEPHROSIA sp. Fabaceae.

From El Tigre. A bushy, cloverlike species.

139646. VIGNA SINENSIS (Torner) Savi. Fabaceae. **Cowpea.**

From San Tome. Fast growing, eaten both green and ripe.

139647 to 139649.

From the Union of Soviet Socialist Republics. Seeds presented by the All Union Institute of Dry Subtropics, Stalinabad, through the Institute of Plant Industry, Leningrad. Received January 18, 1941.

139647. ALLIUM PSKEMENSE B. Fedtsch. Liliaceae.

139647 to 139649—Continued

139648. *FRITILLARIA EDUARDII* Regel. Liliaceae.

139649. *FRITILLARIA RADDEANA* Regel.

139650. *ANACARDIUM EXCELSUM* (H. B. K.) Skeels. (*A. rhinocarpus* DC.) Anacardiaceae.

From Florida. Seeds presented by R. J. Berry, Miami. Received January 2, 1941.

A majestic tree, related to the cashew nut, found in Central America and northern South America at altitudes ranging from sea level to 2,700 feet. The wood, being hard and heavy, is worked with difficulty, but it is used in making boats and canoes.

For previous introduction see 47929.

139651 to 139663.

From Australia. Seeds collected by M. Morris, The Zinc Corporation, Ltd., Broken Hill, New South Wales. Received January 2, 1941.

139651 to 139662. *ACACIA* spp. Mimosaceae.

139651. *ACACIA ANEURA* F. Muell.

Mulga. A tall, yellow-flowered shrub that, in time of drought, is considered a good forage for livestock. The wood is very hard and is valued as timber.

For previous introduction see 126468.

139652. *ACACIA CALAMIFOLIA* Sweet.

A tall shrub or small tree, with slender erect branches and filiform drooping phyllodes 1 to 2 inches long. The large, yellow flower heads are in short erect racemes. It is said to be an excellent tanbark species, containing 20 percent of tannin.

For previous introduction see 106675.

139653. *ACACIA CAMBAGEI* R. T. Baker.

A tree 15 to 25 feet high, with pendulous branchlets, glaucous, falcate or lanceolate, obtuse or slightly acuminate, thin or membranous phyllodes up to 5 inches long, and axillary clusters of about 6 globular heads each bearing about 12 flowers. The straight flat pods are about 3 inches long and $\frac{1}{2}$ inch wide.

139654. *ACACIA GLADIIFORMIS* A. Cunn.

A tall glabrous shrub with thick curved linear-lanceolate phyllodes 3 to 6 inches long and racemes of small dense flower heads.

For previous introduction see 106679.

139655. *ACACIA LIGULATA* A. Cunn.

A shrub 4 to 15 feet high, with spreading branches, linear or linear-oblong, rather thick, obtuse phyllodes $1\frac{1}{2}$ to $3\frac{1}{2}$ inches long, about 20 bright-yellow flowers in solitary heads or 2 to 5 in racemes much shorter than the phyllodes. The hard pods, 2 to 4 inches long, are more or less constricted.

139656. *ACACIA NOTABILIS* F. Muell.

A tall handsome shrub native to the mountain slopes of southeastern Australia. The sword-shaped, almost linear phyllodes are 4 to 6 inches long, and the dense globular heads of about 50 flowers each are borne in short racemes.

For previous introduction see 106683.

139657. *ACACIA OSWALDII* F. Muell.

139658. *ACACIA PYCNANTHA* Benth.

Golden wattle.

A small, rapid-growing tree up to 30 feet high, with coriaceous leaves and masses of fragrant bright-yellow flowers. The plant is useful as sand binder.

For previous introduction see 106686.

139651 to 139663—Continued

139659. *ACACIA RIGENS* A. Cunn.

An Australian shrub 4 to 6 feet high, with threadlike compressed phyllodes 3 to 4 inches long and solitary yellow flower heads.

For previous introduction see 106687.

139660. *ACACIA SALICINA* Lindl.

A tall shrub or small tree, native to Australia, with pendulous branches and willowlike phyllodes up to 5 inches long. The yellow flowers are in short racemes of two or three globular heads.

For previous introduction see 106688.

139661. *ACACIA VICTORIAE* Benth.

A shrub up to 9 feet high, with glaucous, lanceolate-oblong or broad-linear phyllodes 1 to 2 inches long, pale-yellow heads about 30-flowered, on twin peduncles, usually in false racemes through the abortion of the phyllodes. Native to Australia.

139662. *ACACIA WATTSIANA* F. Muell.

A dense bushy shrub 4 to 5 feet high, with angular branches and leathery obovate-oblong, obtuse phyllodes up to 1 inch long.

For previous introduction see 106693.

139663. *CASSIA ARTEMISIOIDES* Gaud. Caesalpinaceae.

Wormwood senna.

An erect bushy shrub covered with silky white tomentum. The leaves are made up of three to six pairs of linear-terete leaflets 1 inch long, and the yellow flowers are in short dense racemes.

For previous introduction see 100620.

139664 to 139670.

From Canada. Scions presented by W. L. Kerr, Department of Agriculture, Experimental Station, Morden, Manitoba. Received January 14, 1941.

139664 to 139668. *MALUS* spp. Malaceae.

Apple.

139664. *MALUS SYLVESTRIS* Mill.

Anaros (Rosthern No. 2).

139665. × *MALUS ROBUSTA* Rehder.

Beauty.

139666. *MALUS SYLVESTRIS* Mill.

Florence (crab apple).

139667. × *MALUS ADSTRINGENS* Zabel.

Mecca.

139668. *MALUS* sp.

Bedford Crab.

139669. *PRUNUS* sp. Amygdalaceae.

Plum.

Greenville.

139670. *PRUNUS*.

A cross between the sand cherry (*Prunus pumila*) and the Siberian apricot (*P. sibirica*).

139671 to 139678. *SACCHARUM*. Poaceae.

Sugarcane.

From Colombia. Cuttings presented by the Estación Agrícola Experimental, Palmira. Received January 15, 1941.

139671. 177-37.

139673. 133-37.

139672. 54-37.

139674. 113-37.

139671 to 139678—Continued

139675. 45-37.

139677. *Grupo 3*

139676. *Grupo 1.*

139678. 38-1.

139679 to 139692. LILIIUM spp. Liliaceae.

From Japan. Seeds obtained from K. Wada, Hakoneya Nurseries, Numazu-shi. Received January 16, 1941.

139679. LILIIUM LONGIFLORUM var. ALEXANDRAE × AURATUM.

Very early flowering variety.

139680. LILIIUM ELEGANS Thunb.

Crimson Queen. Received as *L. longiflorum* × *auratum giganteum*, now referred to the above.

139681. LILIIUM AURATUM var. PLATYPHYLLUM × LONGIFLORUM var. ALEXANDRAE.

139682. LILIIUM AURATUM var. PLATYPHYLLUM Baker.

Bicolor.

139683. LILIIUM.

L. auratum var. *platyphyllum* var. *Bicolor* × *L. auratum* var. *giganteum* var. *Crimson Queen.*

139684. LILIIUM AURATUM var. VIRGINALE Duchartre.

139685. LILIIUM sp.

Received as *L. dauricum wilsonii*, for which a place of publication has not been found.

139686. LILIIUM JAPONICUM Thunb.

Japanese lily.

A species rather delicate under cultivation, with a globular, white or pale-yellow bulb 2 inches in diameter, purple-dotted smooth stems 2 to 4 feet high, 15 to 20 horizontal, lanceolate leaves about 8 inches long, and 1 to 7 deliciously fragrant rose-pink tubular flowers 5 to 7 inches long and wide. Native to Japan.

For previous introduction see 139586.

139687. LILIIUM MEDEOLOIDES A. Gray.

139688. LILIIUM SPECIOSUM var. GLORIOSOIDES Baker.

Delicatum.

139689. LILIIUM SPECIOSUM var. GLORIOSOIDES Baker.

Superbum.

139690. LILIIUM SPECIOSUM f. PUNCTATUM × AURATUM var. PLATYPHYLLUM.

139691. LILIIUM SPECIOSUM Thunb.

139692. LILIIUM TSINGTAUENSE Gilg.

Lily.

A lily of the Pseudolirion group, up to 3 feet high, with scattered and whorled oblong-oblancoleate leaves, and one to six erect, inodorous orange flowers, the segments about 2 inches long. Native to Shantung, China, and Korea.

For previous introduction see 124713.

139693 to 139696.

From Uruguay. Seeds presented by R. Salgueiro Silveira, Sección Información y Enseñanza, Montevideo. Received January 13, 1941.

139693. SORGHUM VULGARE Pers. Poaceae.

Grohoma. (1940 crop.)

139694 and 139695. SORGHUM VULGARE var. SUDANENSE (Piper) Hitchc.

139694. *La Estansuela.*

139693 to 139696—Continued

139695. *Maiz de Guinelo*.

139696. SORGHUM VULGARE Pers.

Sorghum.

Sorgo de Grohoma Milo.

139697. CUCUMIS MELO L. Cucurbitaceae.

Muskmelon.

From China. Seed presented by Hon. Nelson T. Johnson, Ambassador to the Chinese Government, Chungking. Received January 22, 1941.

"A very superior melon from the hot, dry sections of extreme northwest China."

139698 to 139836. SACCHARUM. Poaceae.

Sugarcane.

From the Canal Zone. Seed presented by the Canal Zone Experimental Gardens, Pedro Miguel (Summit). Received January 22, 1941.

139698. *Red Top*, Plt. 10.139731. *No. 29 Iliopua*, Imp. 829.139699. *Rayada*, Plt. 10.139732. *No. 31 Kea*, Imp. 830.

139700. 28 NG 52—Imp. 641, Plt. 10.

139733. *No. 50 Uahi-a-pele*, Imp. 795.

139701. 1C.Z.

139734. *No. 51 Pohina*, Imp. 749.

139702. 2C.Z.

139735. *No. 73 Maikoiko*, Imp. 822.

139703. 3C.Z.

139736. *No. 74 Maikoiko str.*, Imp. 738

139704. 4C.Z.

139737. *No. 75 Lehu*, Imp. 736.

139705. 5C.Z.

139738. *Iliopua*, Imp. 879.

139706. 6C.Z.

139739. *Striped Tip*, Imp. 611.

139707. 7C.Z.

139740. *NC 5*, Imp. 879.

139708. 8C.Z.

139741. *NC 15*, Imp. 881.

139709. 9C.Z.

139742. *NC 18*, Imp. 883.

139710. 10C.Z.

139743. *NC 19*, Imp. 884.

139711. 11C.Z.

139744. *NC 20*, Imp. 885.

139712. 12C.Z.

139745. *NC 29*, Imp. 889.

139713. 13C.Z.

139746. *NC 30*, Imp. 890.

139714. 14C.Z.

139747. *NC 32*, Imp. 892.

139715. 15C.Z.

139748. *NC 33*, Imp. 893.

139716. 16C.Z.

139749. *NC 39*, Imp. 896.

139717. 17C.Z.

139750. *NC 40*, Imp. 897.

139718. 18C.Z.

139751. *NC 42*, Imp. 898.

139719. 19C.Z.

139752. *NC 49*, Imp. 900.

139720. 20C.Z.

139753. *NC 51*, Imp. 894.

139721. 21C.Z.

139754. *NC 76*, Imp. 904.

139722. 22C.Z.

139755. *NC 80*, Imp. 906.

139723. 23C.Z.

139756. *NC 81*, Imp. 908.

139724. 24C.Z.

139757. *NC 83*, Imp. 910.

139725. 25C.Z.

139758. *NC 90*, Imp. 911.

139726. 26C.Z.

139759. *NC 91*, Imp. 912.

139727. 27C.Z.

139760. *NC 93*, Imp. 914.139728. 7 *Lahi*, Imp. 733.139761. *NC 99*, Imp. 917.139729. *No. 15 Laukona*, Imp. 735.139762. *NC 104*, Imp. 919.139730. *No. 18 Hinahina*, Imp. 730.139763. *Badilla*.

139698 to 139836—Continued

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| 139764. <i>Bamboo blanca.</i> | 139801. 28 NG 93, <i>Imp.</i> 650. |
| 139765. <i>Bamboo Mor.</i> | 139802. 28 NG 97, <i>Imp.</i> 418. |
| 139766. <i>Barb. W. S.</i> | 139803. 28 NG 98, <i>Imp.</i> 504. |
| 139767. <i>Batjan.</i> | 139804. 28 NG 210, <i>Imp.</i> 658. |
| 139768. <i>Batjan G. S., Imp.</i> 770. | 139805. 28 NG 212, <i>Imp.</i> 541. |
| 139769. <i>Black Fiji, Imp.</i> 697. | 139806. 28 NG 215, <i>Imp.</i> 542. |
| 139770. <i>Brava de Perico, Imp.</i> 766. | 139807. 28 NG 219, <i>Imp.</i> 975. |
| 139771. <i>Cana Criolla.</i> | 139808. 28 NG 219, <i>Imp.</i> 976. |
| 139772. <i>Chuck Che, Imp.</i> 183. | 139809. 28 NG 220, <i>Imp.</i> 495. |
| 139773. <i>Green D. N. G., Imp.</i> 210. | 139810. 28 NG 221, <i>Imp.</i> 706. |
| 139774. <i>Loethers.</i> | 139811. 28 NG 221, <i>Red Sport.</i> |
| 139775. <i>N. H. 2, Imp.</i> 922. | 139812. 28 NG 257, <i>Imp.</i> 666. |
| 139776. <i>Raratonga 1, Imp.</i> 854. | 139813. 28 NG 259, <i>Imp.</i> 545. |
| 139777. <i>San Manuel.</i> | 139814. 28 NG 260, <i>Imp.</i> 494. |
| 139778. <i>Simpson.</i> | 139815. 28 NG 264, <i>Imp.</i> 667. |
| 139779. <i>Spansch.</i> | 139816. 28 NG 265, <i>Imp.</i> 546. |
| 139780. <i>Tongatabu 3, Imp.</i> 924. | 139817. 28 NG 267, <i>Imp.</i> 548. |
| 139781. <i>Tongatabu 6.</i> | 139818. 28 NG 268, <i>Imp.</i> 668. |
| 139782. <i>Yellow Bamboo, Imp.</i> 769. | 139819. 28 NG 269. |
| 139783. <i>Hind's Special.</i> | 139820. 28 NG 287, <i>Imp.</i> 676. |
| 139784. 28 NG 2, <i>Imp.</i> 627 | 139821. 96 NG 14. |
| 139785. 28 NG 3, <i>Imp.</i> 520. | 139822. 96 NG 16. |
| 139786. 28 NG 4, <i>Imp.</i> 628. | 139823. 96 NG 24. |
| 139787. 28 NG 6. | 139824. 14 NG 124. |
| 139788. 28 NG 11. | 139825. 14 NG 190. |
| 139789. 28 NG 14, <i>Imp.</i> 524. | 139826. 14 NG 241. |
| 139790. 28 NG 15, <i>Imp.</i> 353. | 139827. 21 NG 1. |
| 139791. 28 NG 22. | 139828. 21 NG 2. |
| 139792. 28 NG 39. | 139829. 21 NG 5. |
| 139793. 28 NG 42. | 139830. 21 NG 9. |
| 139794. 28 NG 45. | 139831. 21 NG 12. |
| 139795. 28 NG 47, <i>Imp.</i> 538. | 139832. 21 NG 13, <i>Imp.</i> 320. |
| 139796. 28 NG 50, <i>Imp.</i> 640. | 139833. 21 NG 17. |
| 139797. 28 NG 54, <i>Imp.</i> 642. | 139834. 21 NG 22. |
| 139798. 28 NG 65, <i>Imp.</i> 512. | 139835. 21 NG 29, <i>Imp.</i> 332. |
| 139799. 28 NG 68, <i>Imp.</i> 517. | 139836. 21 NG 44. |
| 139800. 28 NG 72, <i>Imp.</i> 514. | |

139837. MILLETTIA PACHYCARPA Benth. Fabaceae.

From China. Cuttings presented by B. S. Leung, Lingnan University, Canton. Received January 23, 1941.

139838. PYRUS sp. Malaceae.

From Iran. Seeds presented by Walter Koelz, Tehran; agent, Bureau of Plant Industry, United States Department of Agriculture. Received January 23, 1941.

No. 7423. From Namin, Azerbaijan, November 6, 1940. A wild pear tree, with hard subglobose fruits about 2 inches in diameter, gathered for food

139839. CARICA PAPAYA L. Papayaceae. Papaya.

From Argentina. Seeds presented by G. P. Araujo. Received January 17, 1941.

139840 to 139845. SACCHARUM. Poaceae. Sugarcane.

From Colombia. Seeds presented by the Estación Agrícola Experimental, Palmira (Valle). Received January 15, 1941.

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| 139840. <i>Commun</i> × <i>EPC 2057</i> . | 139843. <i>EPC 4315</i> × <i>POJ 2878</i> . |
| 139841. <i>Green Ribbon</i> × <i>EPC 4300</i> . | 139844. <i>EPC 4135</i> × <i>MC 129</i> . |
| 139842. <i>EPC 1644</i> × <i>SC 1 2/4</i> . | 139845. <i>EPC 2812</i> × <i>POJ 2878</i> . |

139846. MUSA VELUTINA Wendl. & Drude. Musaceae.

From the British West Indies. Seeds presented to David Fairchild, Coconut Grove, Florida, by E. E. Chesman.

An ornamental stoloniferous banana relative, with a stem about 1½ inches thick and about 3½ feet high to the spadix. The leaf blade is almost 3 feet long by 1 foot wide, and the petiole without the sheath is more than 1½ feet long. The thick, hairy, deep purplish-red spadix arises from the much paler sheath. This species is closely related to *M. sanguinea*.

139847 to 139868.

From China. Plants presented by Prof. G. W. Groff, Lingnan University, Canton. Received January 27, 1941.

139847 and 139848. ATALANTIA spp. Rutaceae.

139847. *No. 13573*.

139848. *No. 14088*.

139849 to 139864. LITCHEI CHINENSIS Sonner. (*Nephelium litchi* Cambess.) Sapindaceae. Lychee.

139849. No. B-1418. *Lokong Kwa Luk Lychee*.

139850. No. B-1448. *Lokong Kwa Luk Lychee*.

139851. No. B-2836. *Lokong No Mai Lychee*.

139852. No. B-2489. *Lokong No Mai Lychee*.

139853. No. B-2612. *Punyu Lokong Kwei Mei Lychee*.

139854. No. B-2614. *Punyu Lokong Kwei Mei Lychee*.

139855. No. B-2711. *Lokong No Mai Lychee*.

139856. No. B-2712. *Lokong No Mai Lychee*.

139857. No. B-2800. *Tsangsheng Kwei Mei Lychee*.

139858. No. B-2803. *Tsangsheng Kwei Mei Lychee*.

139859. No. B-2848. *Lokong No Mai Lychee*.

139860. No. B-2858. *Lokong No Mai Lychee*.

139861. No. B-2861. *Lingnan Heung Lai Lychee*.

139862. No. B-2868. *Lingnan Heung Lai Lychee*.

139863. No. B-3030. *Punyu Tuwah Shui Tung Haak Ip Lychee*.

139864. No. B-3039. *Punyu Tuwah Shui Tung Haak Ip Lychee*. (Black Leaf.)

139865 to 139868. ROSA spp. Rosaceae.

139865. *Lingnan Sz Kwei Chun Rose. No. 16039*.

139866. *Lingnan in Chi T'ip Rose. No. B-3054*.

139867. *Lingnan Wong Lai Chun Rose. No. 4800*.

139868. *Lingnan Uet Kwei Rose. No. 4785*.

139869. CITRUS sp. Rutaceae.

From Australia. Trees presented by the New South Wales Department of Agriculture, Sydney. Received January 28, 1941.

No. 519. Valencia Late, Black's.

139870 to 139913.

From China. Plants presented by F. A. McClure, Lingnan University, Canton. Received January 30, 1941.

139870 to 139887. ARUNDINARIA spp. Poaceae.

Bamboo.

139870. ARUNDINARIA sp.

No. 1.

139871. ARUNDINARIA sp.

No. 2.

139872. ARUNDINARIA sp.

No. 2A.

139873. ARUNDINARIA sp.

No. 14.

139874. ARUNDINARIA sp.

LU BG No. 1167.

139875. ARUNDINARIA sp.

LU BG No. 1852.

139876. ARUNDINARIA sp.

LU BG No. 1884.

139877. ARUNDINARIA sp.

LU BG No. 1994.

139878. ARUNDINARIA sp.

LU BG No. 2010.

139879. ARUNDINARIA sp.

LU BG No. 2176.

139880. ARUNDINARIA sp.

LU BG No. 2330.

139881. ARUNDINARIA sp.

LU BG No. 2336.

139882. ARUNDINARIA sp.

LU BG No. 2340.

139883. ARUNDINARIA FUNGHOMII
McClure.

LU BG No. 2343.

139884. ARUNDINARIA BASICIBBOSA
McClure.

LU BG No. 2393.

139885. ARUNDINARIA sp.

LU BG No. 2644.

139886. ARUNDINARIA sp.

LU BG No. 2670.

139887. ARUNDINARIA sp.

LU BG No. 2436.

139888 to 139893. BAMBUSA spp. Poaceae.

Bamboo.

139888. BAMBUSA EUTULDOIDES McClure.

No. 10. A large sympodial bamboo cultivated for its thick-walled upright culms, which are used locally for heavy construction and miscellaneous farm needs.

For previous introduction see 128696.

139889. BAMBUSA TEXTILIS var. FUSCA McClure.

No. 11. The variety differs from the species in the very much darker, denser, more persistent, appressed pubescence on the culm sheaths. This bamboo is used for the same purpose as the typical form.

For previous introduction see 128746.

139890. BAMBUSA DISSIMULATOR McClure.

No. 12. A medium-large, somewhat thorny, sympodial species, cultivated for its strong, thick-walled culms, which are used in heavy construction.

For previous introduction see 128750.

139891. BAMBUSA sp.

No. 15. A large, stiffly upright, much-branched sympodial bamboo, cultivated for its thick-walled straight culms, which are used in heavy construction and for punting poles. The wood is very durable.

139870 to 139913—Continued

139892. *BAMBUSA DISSIMULATOR* McClure.
LU BG No. 2653.
139893. *BAMBUSA PERVARIABILIS* McClure.
No. 9.
- 139894 to 139897. *INDOCALAMUS* spp. Poaceae. Bamboo.
139894. *INDOCALAMUS SINICUS* (Hance) Nakai.
No. 4.
139895. *INDOCALAMUS HERKLOTSII* McClure.
No. 5. A small monopodial wild bamboo, promising as an ornamental and as a source of garden stakes.
For previous introduction see 128683.
139896. *INDOCALAMUS NANUNICUS* McClure.
LU BG No. 1193.
139897. *INDOCALAMUS* sp.
LU BG No. 2331.
139898. *LINGNANIA CHUNGII* McClure. Poaceae. Bamboo.
No. 7.
139899. *OXYTENANTHERA ALIENA* McClure. Poaceae. Bamboo.
No. 6.
- 139900 to 139902. *PHYLLOSTACHYS* spp. Poaceae. Bamboo.
139900. *PHYLLOSTACHYS* sp.
LU BG No. 2109.
139901. *PHYLLOSTACHYS* sp.
LU BG No. 2114.
139902. *PHYLLOSTACHYS* sp.
LU BG No. 2132.
139903. *SCHIZOSTACHYUM DUMETORUM* (Hance) Munro. Poaceae. Bamboo.
No. 3.
For previous introduction see 128728.
139904. *SASA* sp. Poaceae. Bamboo.
LU BG No. 2162.
139905. *SEMIARUNDINARIA VENUSTA* McClure. Poaceae Bamboo.
LU BG No. 2396.
139906. *SEMIARUNDINARIA* sp.
LU BG No. 2408.
- 139907 to 139913. *SINOBAMBUSA* spp. Poaceae. Bamboo.
139907. *SINOBAMBUSA HUMILIS* McClure.
LU BG No. 1948 A.
139908. *SINOBAMBUSA INTERMEDIA* McClure.
LU BG No. 1301.

A rapid-spreading, wild bamboo, probably attaining heights of 12 to 15 feet. The leaves are oblong-lanceolate, $5\frac{1}{2}$ to 8 inches long, about the same color on both sides, and entirely glabrous except in being slightly pilose near the base, beneath. Culm sheaths are purplish near the apex, as is also the tip portion of the sheath blade. The shoots appear very early in spring and probably are edible, though small. The culms are used in China for clothes-drying poles.

139870 to 139913—Continued

139909. *SINOBAMBUSA LAETA* McClure.

LU BG No. 1203.

139910. *SINOBAMBUSA TOOTSIX* (Makino) Makino.

No. 8.

For previous introduction see 128682.

139911. *SINOBAMBUSA RUBROLIGULA* McClure.

LU BG No. 2354.

139912. *SINOBAMBUSA* sp.

LU BG No. 2402.

139913. *SINOBAMBUSA* sp.

No. 13.

139914 to 139929.

From Africa. Seeds presented by the Director General, National Institute for the Study of Agronomy, Yangambi, Belgian Congo. Received February 1, 1941.

139914 to 139922. *ARACHIS HYFOGAEA* L. Fabaceae. **Peanut.**

139914. *Gemena.*

139919. *Mputu-C.*

139915. *Kiehusa.*

139920. *Mputu-D.*

139916. *Mfoko-A.*

139921. *Senegal.*

139917. *Mputu-A.*

139922. *Standard Yangambi.*

139918. *Mputu-B.*

139923 to 139929. *ORYZA SATIVA* L. Poaceae. **Rice.**

139923. *0110.*

139927. *No. 070.*

139924. *No. 031.*

139928. *Y-3.*

139925. *No. 035.*

139929. *Y 6-A.*

139926. *No. 065.*

139930 to 139937. *GOSSYPIUM.* Malvaceae. **Cotton.**

From China. Seeds presented by Chi Pao Yu, Division of Cotton, National Agricultural Research Bureau, Chungking. Received January 10, 1941.

139930. Curly leaf 272.

139934. Heterozygous yellow 273-4.

139931. Heterozygous yellow 267-1.

139935. Heterozygous yellow 273-5.

139932. Heterozygous yellow 267-2.

139936. Heterozygous yellow 273-6.

139933. Heterozygous yellow 273-1.

139937. Virescent 240-5.

139938. *DAEMONOROPS OCHROLEPIS* Becc. Phoenicaceae. **Palm.**

From the Philippine Islands. Seeds collected by the Fairchild-Archbold Expedition, February 17, 1941.

Somulid. From the Mount Makiling National Arboretum, Laguna, Luzon. A tall climbing tropical palm with stems 1 inch thick.

139939 to 139943. *GOSSYPIUM.* Malvaceae. **Cotton.**

From Puerto Rico. Seeds received from San Juan, February 4, 1941.

139939. *C. B. 1419.*

139942. *C. B. 1422.*

139940. *C. B. 1420.*

139943. *C. B. 1423.*

139941. *C. B. 1421.*

139944 to 139954. ORYZA SATIVA L. Poaceae. Rice.

From Japan. Seeds presented by the Ohara Institute of Agricultural Research, Kurashiki. Received February 10, 1941.

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|--|---|
| 139944. <i>Ezoshima-Mochi</i> (glutinous). | 139950. <i>Sensyo</i> (nonglutinous). |
| 139945. <i>Gaisen</i> (nonglutinous). | 139951. <i>Shindai-okoshi</i> (nonglutinous). |
| 139946. <i>Gaisen-mochi</i> (glutinous). | 139952. <i>Tayu</i> (nonglutinous). |
| 139947. <i>Kirishima</i> (nonglutinous). | 139953. <i>Tozo-Mochi</i> (glutinous). |
| 139948. <i>Miyanishiki</i> (nonglutinous). | 139954. <i>Ura No. 31</i> (nonglutinous). |
| 139949. <i>Owari-mochi</i> (glutinous). | |

139955 to 139959. SACCHARUM. Poaceae. Sugarcane.

From Colombia. Seeds presented by the Estación Agrícola Experimental, Palmira (Valle). Received February 12, 1941.

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|---|---|
| 139955. <i>E. P. C. 46-37</i> × <i>P.O.J. 28-78</i> . | 139958. <i>P. O. J. 28-83</i> × <i>E. P. C. 59-90</i> . |
| 139956. <i>E. P. C. 46-37</i> × <i>M.C. 129</i> . | 139959. <i>E. P. C. 47-22</i> × <i>P.R. 543</i> . |
| 139957. <i>E. P. C. 47-54</i> × <i>Mayaguez 28</i> . | |

139960. MELOCACTUS GUITARTI León. Cactaceae.

From Cuba. Seeds presented by F. G. Walsingham, Assistant Superintendent, Atkins Institution of the Arnold Arboretum, Cienfuegos. Received February 14, 1941.

For previous introduction see 133390.

139961. CASTANOPSIS sp. Fagaceae.

From Indo-China. Seeds presented by M. Poilane. Received February 21, 1941.

A tall tree, 70 to 80 feet in height, found at an altitude of 10,000 feet. The thick, leathery leaves are silvery beneath, and the small, edible nuts are sweet.

139962 to 139965. PENNISETUM CILIARE (L.) Link (*P. cenchroides* Rich.). Poaceae.

From Tanganyika Territory. Seeds presented by the Director of Veterinary Services, Mpwapwa. Received February 20, 1941.

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|------------------------------|------------------------------|
| 139962. Type "A," T. P. 22. | 139964. Type "C," T. P. 52. |
| 139963. Type "B," T. P. 114. | 139965. Type "D," T. P. 100. |

For previous introduction see 139070.

139966 to 139972. ALYSICARPUS spp. Fabaceae.

From Australia. Seeds presented by A. McTaggart, Council for Scientific & Industrial Research, Division of Plant Industry, Canberra City. Received February 26, 1941.

139966. *ALYSICARPUS BUPLEURIFOLIUS* (L.) DC.
C.P.I. 2675.

For previous introduction see 33599.

139967 to 139970. ALYSICARPUS RUGOSUS (Willd.) DC.

An erect annual legume, native to southern Asia and Africa. The tough stems are 3 to 4 feet high, and the roots bear nitrogen nodules.

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| 139967. <i>C.P.I. 3767.</i> | 139969. <i>C.P.I. 3769.</i> |
| 139968. <i>C.P.I. 2785.</i> | 139970. <i>C.P.I. 7752.</i> |

For previous introduction see 97817.

139971. *ALYSICARPUS RUGOSUS* var. *HEYNEANUS* (Wight and Arn.) Baker.
C.P.I. 5542.

139966 to 139972—Continued

139972. ALYSICARPUS VAGINALIS (L.) DC.

C.P.I. 2676. An annual legume from 3 to 6 feet high. Under favorable conditions it may be cut 2 or 3 times a season.

For previous introduction see 101185.

139973 to 139979.

From Washington. Seeds presented by Mrs. H. B. Loeff, Oak Harbor.

Collected in the Olga Bay region of Kodiak Island, Alaska. Received February 28, 1941.

139973. AGROSTIS EXARATA Trin. Poaceae. Grass.

139974. AGROSTIS sp.

For previous introduction see 106418.

139975. BROMUS CILIATUS L. Poaceae. Grass.

For previous introduction see 16085.

139976. CALAMAGROSTIS CANADENSIS (Michx.) Beauv. Poaceae. Grass.

For previous introduction see 135567.

139977. DESCHAMPSIA CAESPITOSA (L.) Beauv. Poaceae. Tufted hairgrass.

For previous introduction see 136319.

139978. FESTUCA RUBRA L. Poaceae. Red fescue.

For previous introduction see 127682.

139979. POA PRATENSIS L. Poaceae. Kentucky bluegrass.

For previous introduction see 133165.

139980. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Australia. Tubers presented by Thos. W. Pockett, Healesville, Victoria. Received March 5, 1941.

Rival No. 1 (Carmen × Up-to-date.)

139981. CARICA PAPAYA L. Papayaceae. Papaya.

From Honduras. Seeds presented by T. J. Grant, Rubber Investigations, Bureau of Plant Industry, United States Department of Agriculture. Received March 4, 1941.

139982 and 139983.

From Puerto Rico. Seeds presented by John McGill, Puerto Rico Reconstruction Administration, San Juan. Received March 6, 1941.

139982. GOSSYPIUM. Malvaceae. Cotton.

Common type.

139983. GOSSYPIUM.

Special type.

139984 and 139985.

From Australia. Seeds presented by the Waite Agricultural Institute, Glen Osmond, South Australia. Received March 4, 1941.

139984. PHALARIS TUBEROSA L. Poaceae. Grass.

Acc. No. 3407, Gb 379.

139985. PHALARIS TUBEROSA L.

Acc. No. 3554, Gb 378X.

For previous introduction see 132167.

139986 to 140010. SOLANUM. Solanaceae.

From Java. Tubers presented by P. Van der Goot, Chief, Experiment Station, Buitenzorg. Received March 11, 1941.

Nos. 139986 to 139991 are "Thung hybrids."

- 139986. SOLANUM ANDIGENUM × Green Mountain.
- 139987. SOLANUM ANDIGENUM × Paul Kruger.
- 139988. SOLANUM ANDIGENUM × Populair.
- 139989. SOLANUM ANDIGENUM × Sutton's Flourball.
- 139990. SOLANUM ANDIGENUM × Thorbecke.
- 139991. SOLANUM ANTIPOVICZII × Populair.

Nos. 139992 to 139999 are "Cramer hybrids."

- 139992. SOLANUM (DEMISSUM × Ailbeca) × Ailbeca.

No. 172-18.

- 139993. SOLANUM DEMISSUM × Ailbeca.

No. 172-121.

- 139994. SOLANUM (DEMISSUM × Ailbeca) × Thaneaudepi 149.

No. 174-29.

- 139995. SOLANUM (DEMISSUM × Ailbeca) × Thaneaudepi 149.

- 139996 to 139999. SOLANUM (DEMISSUM × Ailbeca) × Tobelle.

139996. No. 175-29.

139998. No. 175-47.

139997. No. 175-37.

139999. No. 175-55.

- 140000. SOLANUM DEMISSUM × Deodora.
- 140001. SOLANUM DEMISSUM × Fruhmolle.
- 140002. SOLANUM DEMISSUM × Iduna.
- 140003. SOLANUM DEMISSUM × Jubilee.
- 140004. SOLANUM DEMISSUM × Katahdin.
- 140005. SOLANUM DEMISSUM × Populair.
- 140006. SOLANUM DEMISSUM × Robijn.
- 140007. SOLANUM DEMISSUM × Roland L.

- 140008 to 140010. SOLANUM.

140008. *Cramer Hyb.*, 175-25-68.

140009. *Cramer Hyb.*, 210-2586.

140010. *Cramer Hyb.*, 1109-8596.

140011 to 140023.

From Australia. Seeds presented by F. H. Baker, Richmond, Victoria. Received March 11, 1941.

- 140011. ACTINOTUS HELIANTHI Labill. Apiaceae.

Flannel flower.

For previous introduction see 125011.

- 140012. CALLITRIS ROBUSTA (A. Cunn.) R. Br. (*Frenela robusta* A. Cunn.). Pinaceae.

Great Murray pine.

For previous introduction see 73033.

- 140013 to 140021. EUCALYPTUS spp. Myrtaceae.

140011 to 140023—Continued

140013. *EUCALYPTUS CAESIA* Benth.

A pink-flowered variety.

140014. *EUCALYPTUS CRUCIS* Maiden.

A variety with glaucous, ovate, small silver leaves.

For previous introduction see 123770.

140015. *EUCALYPTUS EREMOPHILA* (Diels) Maiden (*E. occidentalis eremophila* Diels).

A form with bright-yellow flowers.

For previous introduction see 123772.

140016. *EUCALYPTUS ERYTHROCORYS* F. Muell.

A variety with bright-scarlet flowers.

For previous introduction see 135476.

140017. *EUCALYPTUS PREISSIANA* Schauer.

Flowers large, deep lemon yellow.

For previous introduction see 111874.

140018. *EUCALYPTUS PYRIFORMIS* Turcz.

For previous introduction see 135479.

140019. *EUCALYPTUS TETRAGONA* (R. Br.) F. Muell.

Leaves silvery, flowers white.

For previous introduction see 135480.

140020. *EUCALYPTUS TETRAPTERA* Turcz.

A variety with large red flowers.

For previous introduction see 135481.

140021. *EUCALYPTUS TORQUATA* Luehm.

A red-flowered variety.

For previous introduction see 106711.

140022. *TELOPEA SPECIOSISSIMA* (J. E. Smith) R. Br. Proteaceae.

Waratak. A very striking, evergreen Australian shrub, about 8 feet high, with irregular-toothed, dark-green leaves 6 inches long and deep-crimson, tubular flowers about 1 inch long, borne in a dense globular head surrounded by blood-red bracts 2 or 3 inches in length. The shrub is the State flower of New South Wales.

For previous introduction see 125014.

140023. *TRISTANIA CONFERTA* R. Br. Myrtaceae.

Brisbane-box.

Brush Box.

For previous introduction see 76947.

140024 to 140032. *SACCHARUM*. Poaceae.

Sugarcane.

From Colombia. Seeds presented by the Granja Agrícola de Palmira, Palmira (Valle).
Received March 12, 1941.

140024. *E.P.C.* 47-22 × *P.O.J.* 28-78.

140029. *E.P.C.* 47-54 × *M.C.* 129.

140025. *E.P.C.* 62-19 × *P.O.J.* 28-78.

140030. *E.P.C.* 47-54 × *M.C.* 129.

140026. *E.P.C.* 46-37 × *P.O.J.* 27-27.

140031. *P.O.J.* 27-25 × *E.P.C.* 68-99.

140027. *E.P.C.* 25-00 × *P.O.J.* 28-78.

140032. *P.O.J.* 27-25 × *E.P.C.* 66-88.

140028. *E.P.C.* 47-54 × *P.R.* 543.

- 140033. PRUNUS ARMENIACA L. Amygdalaceae. Apricot.**
 From Ohio. Trees purchased from the Storrs & Harrison Co., Painesville. Received March 20, 1940; numbered March 13, 1941.
Hungaria's Best.
- 140034. DENDROCALAMUS GIGANTEUS Munro. Poaceae. Bamboo.**
 From Puerto Rico. Plants received from the Agricultural Experiment Station, Mayaguez. Received March 17, 1941.
 Originally received in 1929 from J. E. Higgins, Summit, Canal Zone.
 A tropical bamboo 80 feet or more high.
- 140035 to 140068.**
 From Brazil. Seeds and bulbs presented by W. R. Schreiber, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received March 15, 1941.
 Unless otherwise noted the material was received as seeds, and was obtained in Belém.
- 140035 to 140039. ALLIUM CEPA L. Liliaceae. Onion.**
 140035. No. 44. *Rio Grande Onion.* 140038. No. 23. *Alho.* Bulbs.
 140036. *Cebola cebolinho.* 140039. No. 3. *Alho.* Bulbs.
 140037. *Cebola marron.*
- 140040. ARACHIS HYPOGAEA L. Fabaceae. Peanut.**
- 140041. BASELLA RUBRA L. Basellaceae.**
 No. 39. *Bretalha Branca.*
 For previous introduction see 114864.
- 140042. BRASSICA OLERACEA var. BOTRYTIS L. Brassicaceae. Cauliflower.**
Anão de Erfurt.
- 140043. CANAVALIA ENSIFORMIS (L.) DC. Fabaceae. Jackbean.**
 No. 15. *Feijão de Porco.*
- 140044 to 140046. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.**
 140044.
 140045. No. 4. *Pimenta Cheiro.* From Bahia.
 140046. *D'Hespanha.*
- 140047. CORIANDRUM SATIVUM L. Apiaceae. Coriander.**
 No. 38. From native peddlers.
- 140048. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.**
Maxixe.
- 140049. CUCURBITA MOSCHATA Duchesne. Cucurbitaceae. Cushaw.**
 No. 35. *Abobara Caravela.*
- 140050 to 140055. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**
 140050. [No special notes.] 140053. A large-fruited Italian variety.
 140051. A German variety. 140054. *Tomate Pera.*
 140052. *Rei Humberto.* 140055. *Grande Rei Humberto.*
- 140056. PHASEOLUS LUNATUS L. Fabaceae. Lima bean.**
 No. 10. From Pernambuco.
- 140057 to 140060. PHASEOLUS VULGARIS L. Fabaceae. Common bean.**
 140057. No. 7. Common type, Pernambuco.
 140058. No. 14. Black, Pernambuco.

140035 to 140068—Continued

140059. No. 1. Yellow bean, Bahia.

140060. No. 11. From Bahia.

140061. *RAPHANUS SATIVUS* L. Brassicaceae.

Radish.

No. 40. *Nabica da Terra* 106.

140062. *RAPHANUS SATIVUS* L.

No. 37. *Gilo de Fructo Amargo* 94.

140063. *SOLANUM MELONGENA* L. Solanaceae.

Eggplant.

140064. *SOLANUM* sp.

Originally from Peru.

140065. *STIZOLOBIUM* sp. Fabaceae.

No. 12. *Feijão Mucana*.

140066 to 140068. *VIGNA SINENSIS* (Torner) Savi. Fabaceae.

Cowpea.

140066.

140067.

140068.

140069 to 140075. *ORYZA SATIVA* L. Poaceae.

Rice.

From Africa. Seeds presented by the Station des Recherches Agronomiques, Yangambi, P. S., Belgian Congo. Received March 18, 1941.

140069. *Var. No. 031.*

140073. *Var. Y 6 A.*

140070. *Var. No. 035.*

140074. *Var. Y 3.*

140071. *Var. No. 065.*

140075. *Var. 0110.*

140072. *Var. No. 070.*

140076. *TELFAIRIA PEDATA* (J. E. Smith) Hook. Cucurbitaceae.

From Africa. Seeds presented by the American Consulate, Nairobi, Kenya, British East Africa. Received March 13, 1941.

A lofty, perennial vine with pale-purple flowers followed by oblong fruits 2 to 3 feet long; these contain an abundance of large seeds, sometimes called "oyster nuts," which yield an oil said to be equal in quality to olive oil. In Kenya Colony, Africa, where this plant is native, the seeds are boiled and used as food by the natives.

For previous introduction see 133322.

140077 to 140082.

From California. Seeds presented by Ira W. Clokey, South Pasadena. Received March 14, 1941.

140077. *ANGELICA SCABRIDA* Clokey and Mathias. Apiaceae.

140078. *ARCTOMECON CALIFORNICA* Torr. and Frem.

140079. *ARCTOMECON MERRIAMII* Coville.

For previous introduction see 118929.

140080 to 140082. *PENSTEMON* spp. Scrophulariaceae.

140080. *PENSTEMON BICOLOR* (T. S. Brandeg.) Clokey and Keck.

140081. *PENSTEMON BICOLOR* ssp. *ROSEUS* Clokey and Keck.

140082. *PENSTEMON PALMERI* A. Gray.

Palmer penstemon.

The spikes stand 4 to 6 feet high, and the plant is reduced to little more than a rosette of basal leaves at the close of the long, dry, late summer and autumn. Its abundant glaucous green foliage, long spike (2 to 3 feet) of large light-pink flowers opening progressively from below, together with its very robust habit, make it a desirable acquisition to our long list of penstemons. It has good seed habits and if

140077 to 140082—Continued

started early in flats and transplanted into the open in early spring, it will blossom sparingly the same year.

For previous introduction see 46595.

140083. CARAPA GUIANENSIS Aubl. Meliaceae. Crabwood tree.

From Trinidad. Seeds presented by the Department of Agriculture, Port-of-Spain. Received March 14, 1941.

Crapoo. A fast-growing tree that becomes 60 feet high, with compound leaves 18 inches long, small axillary flowers, and thick-shelled russet-brown fruits about 3 inches in diameter containing two to six chestnutlike seeds. The bitter oil expressed from the seeds is used by the natives, who rub it into their skin to protect themselves from noxious insects; it is also made into a varnish or lacquer for iron objects, protecting them from rust. Native to northern South America.

For previous introduction see 106506.

140084 to 140124.

From Iran. Bulbs presented by Walter Koelz, Bureau of Plant Industry, United States Department of Agriculture. Received March 20, 1941.

140084. ALLIUM sp. Liliaceae. Onion.

No. 5976. From Tale, Bakhtiari, May 2, 1940. A 1-leaved onion with the leaf about 4 inches long and 2 inches wide. The green flowers, with broad lavender margins, are in heads about 3 inches across.

140085. ALLIUM sp.

No. 5979. From Damavar, Bakhtiari, May 4, 1940.

140086. ALLIUM sp.

No. 5957. From Sandarht, Bakhtiari, April 26, 1940. An onion up to 4 feet high, with large pink flowers in heads 4 inches across.

140087. NARCISSUS sp. Amaryllidaceae.

No. 5983. From Damavar, Bakhtiari, May 4, 1940.

140088. ALLIUM sp. Liliaceae. Onion.

No. 5987. From Tale, Bakhtiari, May 7, 1940. An attractive species about 18 inches long, with narrow leaves and heads of rose-purple flowers.

140089. ALLIUM sp.

No. 5989. From Tale, Bakhtiari, May 7, 1940. A plant with two broad leaves and a 3-inch head of green flowers, edged in lavender.

140090. ALLIUM sp.

No. 5998. From Siachal, Bakhtiari, May 11, 1940. A plant about 18 inches high, with heads about 2½ inches across. The flowers are green and broadly edged in white; the anthers are rose purple.

140091. ALLIUM sp.

No. 6001. From Cheshmashirin, Bakhtiari, May 12, 1940. A plant about 18 inches in height, with loose and open heads about 3 inches across. The flowers are of a rose-purple cast.

140092. ALLIUM sp.

No. 6038. From Labisufed, Bakhtiari, May 15, 1940. A low steppe species growing on barren slopes, about 8 inches high, with loose heads about 2 inches across of white flowers.

140093. ALLIUM sp.

No. 6039. From Labisufed, Bakhtiari, May 15, 1940. An attractive steppe species, growing about 3 feet high, with deep-maroon flowers in dense heads about 2½ inches across.

140084 to 140124—Continued

140094. ALLIUM sp.

No. 6124. From Durud, Luristan, May 20, 1940. Dry bulbs found in a meadow.

140095. ALLIUM sp.

No. 6129. From Durud, Luristan, May 22, 1940. A tall, broadleaved plant about 4 feet high, with 5-inch heads of rose-purple flowers.

140096. ALLIUM sp.

No. 6131. From Durud, Luristan, May 22, 1940. A low species about 6 to 8 inches high, with two broad leaves and large heads of rose-purple flowers.

140097. ALLIUM sp.

No. 6135. From Kalvar, Luristan, May 30, 1940. Two feet high with 2-inch heads of white, green-ribbed flowers.

140098. ALLIUM sp.

No. 6136. From Kalvar, Luristan, May 30, 1940. A medium-sized species with tubular leaves.

140099. ALLIUM sp.

No. 6140. From Ti, Luristan, June 5, 1940. An onion 12 to 18 inches high, with 1-inch heads of yellow-white, green-ribbed flowers.

140100. ALLIUM sp.

No. 6141. From Chamchid, Luristan, June 6, 1940. A plant 20 inches high, with 2-inch heads of yellow-white flowers.

140101. ALLIUM sp.

No. 6142. From Chamchid, Luristan, June 6, 1940. The 2-inch heads of green-white, green-ribbed flowers are on peduncles maroon-colored for 2 inches next to the head.

140102. ALLIUM sp.

No. 6143. From Chamchid, Luristan, June 6, 1940. An onion growing in clumps up to about 15 inches high, with heads, 2 inches across, of clear-yellow flowers.

140103. ALLIUM sp.

No. 6144. From Chamchid, Luristan, June 6, 1940. A tubular-leaved species, with a much-bent stem, 3 feet high.

140104. ALLIUM sp.

No. 6145. From Durud, Luristan, June 6, 1940. The heads are $2\frac{1}{2}$ inches across, with deep-purple flowers and bluish stamens.

140105. ALLIUM sp.

No. 6146. From Durud, Luristan, June 7, 1940. A wild garlic growing in spots about a spring.

140106. ALLIUM sp.

No. 6328. From Shahkuh, Mazenderan, July 19, 1940. A field weed 2 feet high, with heads about 2 inches across of green-white flowers.

140107. ALLIUM sp.

No. 6413. From Gumbat Gabus, July 31, 1940. An onion growing along the border of a marsh, 18 inches high, with a head 1 inch across of whitish flowers.

140108. ALLIUM sp.

No. 6417. From Marave, Khorassan, July 31, 1940. A steppe plant about 12 inches high, with a flower head $1\frac{1}{2}$ inches across.

140109. ALLIUM sp.

No. 6445. From Bujmund, Khorassan, August 2, 1940. A tall, flat-leaved onion growing in a grainfield, with a head about $1\frac{3}{4}$ inches across of white flowers.

140084 to 140124—Continued

140110. *ALLIUM* sp.

No. 6469. From Kotaliyetchinar, Khorassan, August 4, 1940. A steppe plant about 2 feet high, with a head 1 foot across. Rather rare.

140111. *ALLIUM* sp.

No. 6471. From Kotaliyetchinar, Khorassan, August 4, 1940. A plant 2 feet high, with yellowish flowers veined and washed brown, in heads 3 inches across.

140112. *ALLIUM* sp.

No. 6688. From Bardu Forest, Khorassan, August 20, 1940. A hardy plant, with a spindle-shaped swelling $1\frac{1}{2}$ inches through in the middle of the stem, and heads $2\frac{1}{2}$ inches across.

140113. *ALLIUM* sp.

No. 6689. From Bardu Forest, Khorassan, August 20, 1940. A hardy plant 2 feet high, with heads 2 inches across.

140114. *ALLIUM* sp.

No. 6695. From Bardu Forest, Khorassan, August 20, 1940. An onion growing on a dry slope, about $2\frac{1}{2}$ feet high, with heads $2\frac{1}{2}$ inches across of rose-purple flowers.

140115. *ALLIUM* sp.

No. 6696. From Bardu Forest, Khorassan, August 20, 1940. A hardy plant about 2 feet high, growing on a dry slope.

140116. *ALLIUM* sp.

No. 6858. From Robot Khan, Khorassan, September 2, 1940. A desert plant about 15 inches high, with heads 2 inches across.

140117. *ALLIUM* sp.

No. 6919. From Tabas, Khorassan, September 8, 1940. A wild onion with heads 2 inches across.

140118. *ALLIUM* sp.

No. 6999. From Turbat Haidari, Khorassan, September 12, 1940. From a plowed field.

140119. *ALLIUM* sp.

No. 7230. From Shahmid, Khorassan, September 26, 1940. A hardy wild onion 3 feet high, with a head $1\frac{1}{4}$ inches across.

140120. *ALLIUM* sp.

From Shahkuh, Khorassan, July 20, 1940. From a dry plateau.

140121 to 140124. *ALLIUM SATIVUM* L. Liliaceae.

Garlic.

140121. No. 5939. From Ahwaz, Khuzistan, April 21, 1940.

140122. No. 6210. From Tehran, June 24, 1940.

140123. No. 7098. From Meshed, Khorassan, September 16, 1940.

140124. No. 7174. From Sabzawar, Khorassan, September 23, 1940.

140125. *FURCRAEA SELLOA* K. Koch. Amaryllidaceae.

From Cuba. Bulbils presented by F. G. Walsingham, Assistant Superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos. Received March 21, 1941.

A furcraea, with a short, stout stem, 3 to 5 feet high, clothed with old, brown leaves and numerous, spreading, straight, bright-green, narrow lanceolate-ensiform leaves about 3 feet long, gradually narrowed into a long, pungent, deciduous, chestnut-brown spine, the leaf margin armed with remote, incurved, horny, chestnut spines $\frac{1}{4}$ inch long. The slender, green scape, 15 to 20 feet high, bears a spreading, lax-branched panicle 4 to 6 feet long of rather crowded, drooping flowers, the greenish perianth segments with white

140125—Continued

margins. Native to Central America from Guatemala to Colombia at altitudes of 3,000 to 9,000 feet.

140126. ROSA. Rosaceae.

Rose.

From Maryland. Plants growing at the United States Plant Introduction Garden, Glenn Dale. Numbered March 21, 1941.

A pillar rose grown from a cross made by Martin Bilon, assistant to the late Dr. Walter Van Fleet. In 1927 an unnamed Wichuraiana hybrid produced by Doctor Van Fleet was crossed with the hybrid tea rose, *Independence Day*. Seedling of this cross was in turn crossed with Talisman in 1932. The resulting seedling resembles Talisman in the shape and color of the flowers. The color is possibly a little more intense, and the red and yellow seem to be blended a little more into orange. The plant is spring-flowering, approximately mid-season or a trifle later.

140127 to 140136. SACCHARUM. Poaceae.

Sugarcane.

From Colombia. Seeds presented by the Experiment Station, Palmira (Valle). Received March 22, 1941.

140127. EPC 1644 × PR 543.

140132. EPC 6561 × POJ 2878.

140128. EPC 2072 × PR 543.

140133. EPC 6219 × MC 129.

140129. EPC 6561 × POJ 2878.

140134. EPC 4722 × 129.

140130. EPC 4754 × POJ 2878.

140135. EPC 6259 × POJ 2878.

140131. EPC 6219 × POJ 2727.

140136. POJ 2883 × EPC 6688.

140137. SYNSEPALUM DULCIFICUM (Schum.) Daniell (*Sideroxylon dulcificum* A. DC.). Sapotaceae.

From Florida. Seeds presented by W. Paul Phillips, Orlando. Originally from Canal Zone. Received March 18, 1941.

An ornamental tropical African shrub about 6 feet high, with dark-red fruits, which, when eaten, make sour things taste sweet.

For previous introduction see 75283.

140138 to 140177.

From Afghanistan. Seeds presented by Wilbur Harlan, Kabul. Received March 25, 1941.

Obtained from the Kabul bazar.

140138. ALLIUM CEPA L. Liliaceae.

Onion.

Pras.

140139. ALLIUM CEPA L.

Gandana.

140140 to 140142. BRASSICA RAPA L. Brassicaceae.

Turnip.

140140. *Turbalz.*

140141. *Sharsham.*

140142. *Shalzham.*

140143. CAPSICUM FRUTESCENS L. Solanaceae.

Redpepper.

Murch.

140144 to 140146. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

Watermelon.

140144. *Nimla.*

140145.

140146. *Tarbooz.*

140138 to 140177—Continued

140147. CORIANDRUM SATIVUM L. Apiaceae. **Coriander.**
Gashnige.
- 140148 to 140154. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**
140148. *Karbooz.* 140152. *Karbooz Gir.*
140149. *Baudrang.* 140153.
140150. *Karbooz Bergonai.* 140154. *Khanabad.*
140151. *Karbooz Daras.*
140155. CUCURBITA PEPO L. Cucurbitaceae. **Pumpkin.**
140156. CYDONIA OBLONGA Mill. (*Pyrus cydonia* L.). Malaceae. **Quince.**
For previous introduction see 133997.
140157. DAUCUS CAROTA L. Apiaceae. **Carrot.**
Zardas.
140158. LAGENARIA LEUCANTHA (Duchesne) Rusby. Cucurbitaceae. **Calabash gourd.**
Kadu Chopi.
140159. LENS CULINARIS Medik. Fabaceae. **Lentil.**
Doll.
140160. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**
Banjan Roomii.
- 140161 to 140163. PHASEOLUS VULGARIS L. Fabaceae. **Common bean.**
140161. *Fasila Safait.*
140162. *Baculii Inglesi.*
140163.
140164. PHASEOLUS sp. Fabaceae.
Fasila Surh.
140165. PISUM SATIVUM L. Fabaceae. **Pea.**
Mushong.
140166. PISUM SATIVUM L.
Sarichashma.
140167. RAPHANUS SATIVUS L. Brassicaceae. **Radish.**
Muli Safait.
140168. SOLANUM MELONGENA L. Solanaceae. **Eggplant.**
Baunjan.
140169. SPINACIA OLERACEA L. Chenopodiaceae. **Common spinach.**
- 140170 to 140177. VITIS VINIFERA L. Vitaceae. **European grape.**
140170. White grape. 140174. Large white grape.
140171. Long white grape. 140175. Round white grape.
140172. Brownish-white grape. 140176. Small, round, white grape.
140173. White grape. 140177. White grape.

140178 to 140221.

From Iran. Seeds presented by Walter Koelz, Bureau of Plant Industry, United States Department of Agriculture. Received March 25, 1941.

140178. GOSSYPIUM. Malvaceae. **Cotton.**
No. 6922. From Turbat, Haidari, Khorassan. September 10, 1940.

140178 to 140221—Continued

140179. *Gossypium*.

No. 6925. From Turbat, Haidari, Khorassan. September 10, 1940. Short staple; yellow-center flowers; said to be good for coarse cloth.

140180 to 140199. *Triticum aestivum* L. Poaceae.

Common wheat.

140180. No. 5865. From Bushire, Fars, April 14, 1940.
 140181. No. 5894. From Bushire, Fars, April 15, 1940.
 140182. No. 5934. From Ahwaz, Khuzistan, April 21, 1940.
 140183. No. 6047. From Dizful, Khuzistan, May 18, 1940.
 140184. No. 6048. From Dizful, Khuzistan, May 18, 1940.
 140185. No. 6049. From Dizful, Khuzistan, May 18, 1940.
 140186. No. 6050. From Dizful, Khuzistan, May 18, 1940.
 140187. No. 6066. From Durud, Luristan, May 20, 1940.
 140188. No. 6112. From Durud, Luristan, June 6, 1940.
 140189. No. 6113. From Durud, Luristan, June 6, 1940.
 140190. No. 6115. From Durud, Luristan, June 7, 1940.
 140191. No. 6332. From Shahkuh, Mazenderan, July 19, 1940.
 140192. No. 6335. From Shahkuh, Mazenderan, July 19, 1940.
 140193. No. 6336. From Shahkuh, Mazenderan, July 19, 1940.
 140194. No. 6343. From Karimserai, Mazenderan, July 21, 1940.
 140195. No. 6365. From Gorgan, Mazenderan, July 27, 1940.
 140196. No. 6401. From Gorgan, Mazenderan, July 30, 1940.
 140197. No. 6407. From Gumbatigabus, July 30, 1940.
 140198. No. 6421. From Garamab, Khorassan, August 1, 1940.
 140199. No. 6429. From Bymurd, Khorassan, August 2, 1940.

140200. *Agropyron* sp. Poaceae.

Grass.

No. 6479. From Kataligekchinar, Khorassan, August 5, 1940.

140201 to 140219. *Triticum aestivum* L. Poaceae.

Common wheat.

140201. No. 6501. From Bymurd, Khorassan, August 8, 1940.
 140202. No. 6665. From Abdullabad, Khorassan, August 14, 1940.
 140203. No. 6670. From Abdullabad, Khorassan, August 14, 1940.
 140204. No. 6809. From Bijistan, Khorassan, August 26, 1940.
 140205. No. 6827. From Fidus, Khorassan, August 28, 1940.
 140206. No. 2828. From Fidus, Khorassan, August 28, 1940.
 140207. No. 6862. From Khaur, Khorassan, September 5, 1940.
 140208. No. 7007. From Turbat Haidari, Khorassan, September 12, 1940.
 140209. No. 7008. From Turbat Haidari, September 12, 1940.
 140210. No. 7009. From Turbat Haidari, September 12, 1940.
 140211. No. 7069. From Turbat Haidari, September 13, 1940.
 140212. No. 7072. From Turbat Haidari, September 13, 1940.
 140213. No. 7074. From Turbat Haidari, September 13, 1940.
 140214. No. 7142. From Nishabur, Khorassan, September 21, 1940.
 140215. No. 7192. From Sabzawar, Khorassan, September 24, 1940.
 140216. No. 7194. From Sabzawar, Khorassan, September 24, 1940.

140178 to 140221—Continued

140217. No. 7198. From Sabzawar, Khorassan, September 24, 1940.

140218. No. 7199. From Sabzawar, Khorassan, September 24, 1940.

140219. No. 7257. From Shahud, Khorassan, September 27, 1940.

140220 and 140221. *ZEA MAYS* L. Poaceae.

Corn.

140220. No. 6527. From Bymurd, Khorassan, August 8, 1940.

140221. No. 7037. From Turbat Haidari, Khorassan, September 13, 1940.

140222 to 140271. *SACCHARUM*. Poaceae.

Sugarcane.

From Java. Cuttings presented by Dr. G. Booberg, Director of the Experimental Station, Java Sugar Industry, Pasoeroean. Received March 26, 1941.

140222. *Ahoe*.140248. *Muntok Java*.140223. *Arjoeno groen*.140249. *Oedang*, Amboina.140224. *Bandjarmasin hitam*.140250. *Padangsche Bovenlanden donkerrood*.140225. *Banteng Java*.140251. *Poetih*, Borneo.140226. *Boengaja*, Bali.140252. *Ra-cha*, Formosa.140227. *Boetota*, Bilatoe.140253. *Roodbladriet Domomolljo*.140228. *Booengo doeta*, Bilatoe.140254. *Rood*, Ceram.140229. *Bourbonriet*, Surinam.140255. *Rood*, Djapara.140230. *Branche Blanche*, Reunion.140256. *Samuri*, Malakka.140231. *Cebu purple*.140257. *Soerat*, Borneo groen.140232. *Fotiogo*, Mauritius.140258. *Tadjem mata*, Sumatra.140233. *Gael Muntok*.140259. *Tamarin*, Reunion.140234. *Groen*, Soembawa.140260. *Teboe Poh*, Longhiram.140235. *Hitan Browewang*.140261. *Tijang*, Bali.140236. *Hitan Rokan*.140262. *Timorriet*.140237. *Ireng*, Malang.140263. *Tjemeng Payaman*.140238. *Iscambine rouge*.140264. *Tomohon wit*.140239. *Keong*, Java.140265. *Tomohon zwart*.140240. *Kerah*, Sumatra.140266. *Vico Malakka*.140241. *Khelia*, Coimbatore.140267. *Wit Borneo*.140242. *Lichtrode knopvariant id*.140268. *Wit Manilla*.140243. *Malagche Phil*.140269. *Woeloeng*.140244. *Mekigeli*.140270. *Zwart Borneo*.140245. *Menado groen*.140271. *Zwart Manilla*.140246. *Menado rood*.140247. *Monjet Gayam*.140272. *AMYGDALUS PERSICA* L. Amygdalaceae.

Peach.

From New Jersey. Budsticks presented by Prof. M. A. Blake, Agricultural Experiment Station, New Brunswick. Received March 26, 1941.

Chili.140273. *GLYCERIA MAXIMA* (Hartm.) Holmberg. Poaceae.

Grass.

From the Netherlands. Seeds presented by J. Th. Barenbrug, Barenbrug's Zaadhandel, Arnhem. Received March 19, 1941.

Water meadow grass.

140274 to 140290.

From Afghanistan. Seeds presented by Wilbur Harlan. Received March 26, 1941.

140274. *BROMUS JAPONICUS* Thunb. Poaceae. **Grass.**

From Sind Valley, August 13, 1940.

For previous introduction see 110360.

140275. *BROMUS RACEMOSUS* L.

From north of Maimana, September 5, 1940.

For previous introduction see 133154.

140276. *CUPRESSUS* sp. Pinaceae. **Cedar.**

From Shah Jehan's Garden, Nimla, August 4, 1940.

140277. *HORDEUM* sp. Poaceae. **Barley.**

From Sind Valley, August 31, 1940.

140278. *HORDEUM* sp.

From Bamian, August 31, 1940.

140279. *LATHYRUS SATIVUS* L. Fabaceae. **Bittervetch.**

Kalol. From the Kabul bazar.

140280. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**

Gishka. From the Kabul bazar.

140281. *NICOTIANA TABACUM* L. Solanaceae. **Common tobacco.**

From the Kabul bazar.

140282. *PANICUM MILLIACEUM* L. Poaceae. **Broomcorn millet.**

Azan. From the Kabul bazar.

140283. *ROSA* sp. Rosaceae.

A wild rose from Sonmarg.

140284. *ROSA* sp.

A wild rose from the Sind Valley.

140285. *THUJA ORIENTALIS* L. Pinaceae. **Oriental arborvitae.**

From Kabul, November 13, 1940.

140286. *TRIFOLIUM RESUPINATUM* L. Fabaceae. **Persian clover.**

Shaftal, najot. From the Kabul bazar.

140287. *TRIFOLIUM RESUPINATUM* L.

Siah dana. From the Kabul bazar.

140288. *VICIA FABA* L. Fabaceae. **Broadbean.**

Baculi Bodrang. From the Kabul bazar.

140289. *VICIA FABA* L.

Baculi Surh. From the Kabul bazar.

140290. *ZEA MAYS* L. Poaceae. **Corn.**

Jowarie. From the Kabul bazar, May 5, 1940.

140291 to 140314.

From Iran. Seeds collected by Walter Koelz, Bureau of Plant Industry, United States Department of Agriculture. Received March 27, 1941.

140291 to 140294. *CICER ARIETINUM* L. Fabaceae. **Chickpea.**

140291. No. 5826. From Shiraz, Fars, April 5, 1940.

140292. No. 6521. From Brujmerd, Khorassan, August 8, 1940. Pounded, and the kernels used as food. Excellent cooked with bacon.

140291 to 140314—Continued

140293. No. 6644. From Meshed, Khorassan, August 13, 1940.

140294. No. 7129. From Nishabur, Khorassan, September 20, 1940.

140295 to 140298. *PISUM SATIVUM* L. Fabaceae.

Pea.

140295. No. 6459. From Bujmerd, Khorassan, August 7, 1940.

140296. No. 6182. From Tehran, June 18, 1940.

140297. No. 6192. From Tehran, June 18, 1940.

140298. No. 6618. From Meshed, Khorassan, August 12, 1940.

140299. *PISUM* sp. Fabaceae.

No. 5968. From Talimansur, Bakhtiari, April 27, 1940. An annual 18 inches high, from the oakwoods.

140300 to 140314. *PHASEOLUS* spp. Fabaceae.

140300. *PHASEOLUS COCCINEUS* L.

Scarlet runner bean.

No. 5827. From Shiraz, Fars, April 5, 1940.

140301 to 140314. *PHASEOLUS VULGARIS* L.

Common bean.

140301. No. 5936. From Ahwaz, Khuzistan, April 21, 1940.

140302. No. 6169. From Tehran, June 16, 1940.

140303. No. 6188. From Tehran, June 18, 1940.

140304. No. 6025. From Tehran, June 22, 1940.

140305. No. 6206. From Tehran, June 22, 1940.

140306. No. 6400. From Gorgan, July 29, 1940.

Eaten ripe and as string beans.

140307. No. 6631. From Meshed, Khorassan, August 12, 1940.

140308. No. 6634. From Meshed, Khorassan, August 13, 1940.

140309. No. 6643. From Meshed, Khorassan, August 13, 1940.

140310. No. 6645. From Meshed, August 13, 1940.

140311. No. 6646. From Meshed, August 13, 1940.

Plant much branched, twining, very floriferous.

140312. No. 6903. From Tabas, Khorassan, September 8, 1940.

140313. No. 7056. From Turbat, Haidari, September 13, 1940.

140314. No. 7067. From Turbat Haidari, Khorassan, September 13, 1940.

140315. *BOUGAINVILLEA GLABRA* Choisy. Nyctaginaceae.

From Puerto Rico. Plants received from Claud Horn, Agricultural Experimental Station, Mayaguez. Received March 27, 1941.

A white variety.

140316 to 140468.

From Iran. Seeds collected by Walter Koelz, Bureau of Plant Industry, United States Department of Agriculture. Received March 27, 1941.

140316 to 140319. *ABELMOSCHUS ESCULENTUS* (L.) Moench. Malvaceae. Okra.

140316. No. 5878. From Bushire, Fars, April 14, 1940.

140317. No. 5921. From Ahwaz, Khuzistan, April 20, 1940.

140318. No. 6171. From Tehran, June 17, 1940.

140319. No. 6628. From Meshed, Khorassan, August 12, 1940. Fruit eaten when 2 to 3 inches long.

140316 to 140468—Continued

- 140320 to 140335. ALLIUM CEPA L. Liliaceae. Onion.**
- 140320.** No. 5925. From Ahwaz, Khuzistan, April 21, 1940. **Globose, red and white.**
- 140321.** No. 6059. From Dizful, Khuzistan, May 21, 1940. **Globose to flattened, red and white.**
- 140322.** No. 6185. From Tehran, June 18, 1940. **Used as green onions.**
- 140323.** No. 6186. From Tehran, June 18, 1940. **Semiglobose, red and white; good quality.**
- 140324.** No. 6389. From Gurgan, July 29, 1940. **Globose, large, white and very strong.**
- 140325.** No. 6425. From Bujmerd, Khorassan, August 1, 1940. **Small table onions.**
- 140326.** No. 6432. From Bujmerd, Khorassan, August 2, 1940. **Globose, red and yellow.**
- 140327.** No. 6445. From Bujmerd, Khorassan, August 2, 1940. **Tall, flat-leaved onion, with white flowers in head about 1¾ inches across.**
- 140328.** No. 6617. From Meshed, Khorassan, August 12, 1940. **Flat, red purple.**
- 140329.** No. 6786. From Turbat, Shaikh Jan, Khorassan, August 23, 1940. **Flat, red to red purple, small, hot.**
- 140330.** No. 6813. From Firdus, Khorassan, August 27, 1940. **Flat, white and red.**
- 140331.** No. 6900. From Tabas, Khorassan, September 8, 1940. **Flat, red purple, tender, and not too strong.**
- 140332.** No. 7040. From Turbat Haidari, Khorassan, September 13, 1940. **Large, flat, white, tender.**
- 140333.** No. 7118. From Nishabur, Khorassan, September 20, 1940. **Flat, red and white.**
- 140334.** No. 7177. From Sabzawar, Khorassan, September 23, 1940. **Very flat, large, white, rather mild.**
- 140335.** No. 7250. From Shahrud, Khorassan, September 27, 1940. **Flat, red and white, 3 inches in diameter.**
- 140336 to 140348. ALLIUM PORRUM L. Liliaceae. Leek.**
- 140336.** No. 5920. From Ahwaz, Khuzistan, April 20, 1940.
- 140337.** No. 6189. From Tehran, June 18, 1940. **Potherb.**
- 140338.** No. 6379. From Gurgan, July 28, 1940. **Leaves eaten green.**
- 140339.** No. 6435. From Bujmerd, Khorassan, August 2, 1940. **Eaten fresh with bread.**
- 140340.** No. 6620. From Meshed, August 12, 1940.
- 140341.** No. 6637. From Meshed, Khorassan, August 13, 1940. **Leaves eaten fresh with bread.**
- 140342.** No. 6774. From Turbati Shaikh Jam, Khorassan, August 23, 1940. **Leaves eaten fresh.**
- 140343.** No. 6814. From Firdus, Khorassan, August 27, 1940. **Eaten fresh like onions.**
- 140344.** No. 6913. From Tabas, Khorassan, September 8, 1940.
- 140345.** No. 7043. From Turbat Haidari, Khorassan, September 13, 1940. **Leaves eaten raw with bread.**
- 140346.** No. 7130. From Nishabur, Khorassan, September 20, 1940. **Leaves eaten fresh.**

140316 to 140468—Continued

140347. No. 7176. From Sabzawar, Khorassan, September 23, 1940. Leaves eaten fresh.
140348. No. 7254. From Shahrud, Khorassan, September 27, 1940. Leaves eaten fresh.
- 140349 to 140362. BETA VULGARIS L. Chenopodiaceae. Common beet.**
140349. No. 5891. From Bushire, Fars, April 15, 1940.
140350. No. 5926. From Ahwaz, Khuzistan, April 21, 1940.
140351. No. 6052. From Dizful, Khuzistan, May 18, 1940.
140352. No. 6177. From Tehran, June 17, 1940. Long, tapered, blood red, sweet but very stringy.
140353. No. 6369. From Gurgan, Mazenderan, July 28, 1940. Globose, red outside and yellow inside, sweet.
140354. No. 6526. From Bujmerd, Khorassan, August 8, 1940.
140355. No. 6624. From Meshed, Khorassan, August 12, 1940. Long, pale red outside and yellow inside.
140356. No. 6627. From Meshed, Khorassan, August 12, 1940. Said to be the local sugar beet.
140357. No. 6820. From Firdus, Khorassan, August 27, 1940.
140358. No. 6899. From Tabas, Khorassan, September 8, 1940. Semiglobose; red purplish outside, yellow inside.
140359. No. 7036. From Turbat Haidari, Khorassan, September 13, 1940. Subglobose, yellow to red purple outside, yellow-fleshed; not fibrous.
140360. No. 7121. From Nishabur, Khorassan, September 20, 1940. Semiglobose; reddish outside.
140361. No. 7178. From Sabzawar, Khorassan, September 23, 1940.
140362. No. 7249. From Shahrud, Khorassan, September 27, 1940. Elongate, red purple outside, yellow inside.
- 140363 to 140375. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.**
140363. No. 5918. From Ahwaz, Khuzistan, April 20, 1940.
140364. No. 6064. From Dizful, Khuzistan, May 18, 1940. Bullnosed, red, mild, 2 inches long.
140365. No. 6198. From Tehran, June 19, 1940. Bullnosed, about 3 inches long; scarlet, sweet.
140366. No. 6386. From Gurgan, July 28, 1940. Fruit about 3 inches long; rare.
140367. No. 6454. From Bujmerd, Khorassan, August 2, 1940. Pointed, up to about 3 inches long, mildly hot.
140368. No. 6606. From Meshed, Khorassan, August 12, 1940. Fruits crimson, semibullnosed, hot to mildly hot.
140369. No. 6770. From Turbati Shaikh Jam, Khorassan, August 23, 1940. Fruit 2½ inches long, handsome red; flesh tough, rather sweet.
140370. No. 6901. From Tabas, Khorassan, September 8, 1940. Fruit pointed, crimson, flesh mild, seeds hot.
140371. No. 6991. From Turbat Haidari, Khorassan, September 12, 1940. Fruit pointed, about 3 inches long, crimson, hot.
140372. No. 7047. From Turbat Haidari, Khorassan, September 13, 1940.
140373. No. 7080. From Meshed, Khorassan, September 15, 1940. Fruits bullnosed, crossed with the pointed sort, about 3 inches long, scarlet; flesh sweet, hot-seeded.

140316 to 140468—Continued

140374. No. 7144. From Nishabur, Khorassan, September 21, 1940. Fruits pointed, about $2\frac{1}{2}$ inches long, hot.
140375. No. 7241. From Shahrud, Khorassan, September 27, 1940. Fruits pointed, scarlet, and hot.
- 140376 to 140391. DAUCUS CAROTA L. Apiaceae. Carrot.**
140376. No. 5892. From Bushire, Fars, April 15, 1940.
140377. No. 5897. From Bushire, Fars, April 16, 1940.
140378. No. 5914. From Ahwaz, Khuzistan, April 20, 1940.
140379. No. 6054. From Dizful, Khuzistan, May 18, 1940.
140380. No. 6181. From Tehran, June 17, 1940. Stubby, orange, and of fair quality.
140381. No. 6293. From Gurgan, July 11, 1940.
140382. No. 6384. From Gurgan, July 28, 1940.
140383. No. 6506. From Bujmerd, Khorassan, August 8, 1940. Yellow, with less dissected and much more tomentose leaves than others seen.
140384. No. 6632. From Meshed, Khorassan, August 12, 1940. Said to be of foreign origin.
140385. No. 6635. From Meshed, Khorassan, August 13, 1940. Yellow, long.
140386. No. 6785. From Turbati Shaikh Jam, Khorassan, August 23, 1940.
140387. No. 6815. From Firdus, Khorassan, August 27, 1940.
140388. No. 6905. From Tabas, Khorassan, September 8, 1940. Yellow, with coarse leaves.
140389. No. 7038. From Turbat Haidari, Khorassan, September 13, 1940. Roots purple outside, pale yellow inside; no fiber, low in sugar; leaves coarsely cut.
140390. No. 7145. From Nishabur, Khorassan, September 21, 1940. Leaves coarsely cut.
140391. No. 7175. From Sabzawar, Khorassan, September 23, 1940.
- 140392 to 140402. LACTUCA SATIVA L. Cichoriaceae. Garden lettuce.**
140392. No. 5924. From Ahwaz, Khuzistan, April 21, 1940. Loose green heads about 10 inches long; bitter.
140393. No. 6387. From Gurgan, July 29, 1940.
140394. No. 6524. From Bujmerd, Khorassan, August 8, 1940.
140395. No. 6616. From Meshed, Khorassan, August 12, 1940.
140396. No. 6629. From Meshed, Khorassan, August 12, 1940. Large, foreign sort.
140397. No. 6783. From Turbati Shaikh Jam, Khorassan, August 23, 1940.
140398. No. 6822. From Firdus, Khorassan, August 27, 1940. Seeds used for medicine.
140399. No. 6898. From Tabas, Khorassan, September 8, 1940.
140400. No. 7049. From Turbat Haidari, Khorassan, September 13, 1940.
140401. No. 7131. From Nishabur, Khorassan, September 20, 1940.
140402. No. 7188. From Sabzawar, Khorassan, September 24, 1940.
- 140403 to 140423. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**
140403. No. 5930. From Ahwaz, Khuzistan, April 21, 1940.
140404. No. 6060. From Dizful, Khuzistan, May 18, 1940.
140405. No. 6197. From Tehran, June 19, 1940. Red, pear-type, local variety.

140316 to 140468—Continued

140406. No. 6378. From Gurgan, July 28, 1940. Grows wild along streets and in fields; red and round.
140407. No. 6397. From Gurgan, July 29, 1940. Fruit flat up to about 3 inches across, yellow with few seeds.
140408. No. 6412. From Gumbat-Gabus, July 31, 1940.
140409. No. 6415. From Marave, Khorassan, July 31, 1940. Fruit flat, up to about 3 inches across, red and smooth.
140410. No. 6450. From Bujmerd, Khorassan, August 2, 1940.
140411. No. 6605. From Meshed, Khorassan, August 11, 1940. Fruit flattened, up to about 4 inches across; red, smooth.
140412. No. 6609. From Meshed, Khorassan, August 12, 1940. Fruit irregular pear-shaped, $3\frac{1}{2}$ inches long, red; with less water, firmer flesh and smaller seeds than other varieties.
140413. No. 6639. From Meshed, Khorassan, August 12, 1940.
140414. No. 6768. From Turbati Shaikh Jam, August 23, 1940. Fruits sub-globose, 1 inch in diameter, red.
140415. No. 6788. From Turbati Shaikh Jam, Khorassan, August 23, 1940. A naturalized red variety.
140416. No. 6831. From Firdus, Khorassan, August 28, 1940. Fruits globose; red.
140417. No. 6843. From Meshed, Khorassan, September 18, 1940. Smooth, 4 inches in diameter, red.
140418. No. 6857. From Tabas, Khorassan, August 31, 1940. Fruits flat, up to $2\frac{1}{2}$ inches, red, very acid.
140419. No. 6990. From Turbat Haidari, Khorassan, September 12, 1940. Fruit flat, yellow.
140420. No. 7055. From Turbat Haidari, Khorassan, September 13, 1940. Small, globose, well-flavored.
140421. No. 7126. From Nishabur, Khorassan, September 20, 1940.
140422. No. 7247. From Shahrud, Khorassan, September 27, 1940. Red, flat, up to about 3 inches in diameter.
140423. No. 7182. From Sabzawar, Khorassan, September 23, 1940. Red, either globose or flat.
- 140424 to 140444. *RAPHANUS SATIVUS* L. Brassicaceae. **Radish.**
140424. No. 6211. From Tehran, June 24, 1940. Black winter variety.
140425. No. 6217. From Tehran, June 24, 1940. White winter variety.
140426. No. 6428. From Bujmerd, Khorassan, August 2, 1940. Round, red spring radish.
140427. No. 6641. From Meshed, Khorassan, August 13, 1940. Mixture of winter sorts.
140428. No. 6775. From Turbati Shaikh Jam, Khorassan, August 23, 1940. Mixture of winter sorts.
140429. No. 6777. From Turbati Shaikh Jam, Khorassan, August 23, 1940. Red, small, spring radish.
140430. No. 6818. From Firdus, Khorassan, August 27, 1940. Mixture of winter sorts.
140431. No. 6908. From Tabas, Khorassan, September 8, 1940. Mixture of winter radishes.
140432. No. 6914. From Tabas, Khorassan, September 8, 1940. A spring radish.

140316 to 140468—Continued

140433. No. 7062. From Turbat Haidari, Khorassan, September 13, 1940. Small, spring radish.
140434. No. 7063. From Turbat Haidari, Khorassan, September 13, 1940. Mixture of winter sorts.
140435. No. 7119. From Nishabur, Khorassan, September 20, 1940. Small, red-purple and white radishes.
140436. No. 7120. From Nishabur, Khorassan, September 20, 1940. Mixture of winter varieties.
140437. No. 7183. From Sabzawar, Khorassan, September 23, 1940. Mixture of winter sorts.
140438. No. 7184. From Sabzawar, Khorassan, September 23, 1940. Semiglobose, red purple, tender, mild.
140439. No. 7251. From Shahrud, Khorassan, September 27, 1940. Mixture of winter sorts.
140440. No. 7252. From Shahrud, Khorassan, September 27, 1940. Red, subglobose, small, spring radish.
140441. No. 5915. From Ahwaz, Khuzistan, April 20, 1940. Winter radish.
140442. No. 6168. From Tehran, June 16, 1940. Small, red spring radish.
140443. No. 6377. From Gurgan, July 28, 1940. Small, spring radish.
140444. No. 6451. From Bujmerd, Khorassan, August 2, 1940. Winter radish of mixed sorts.
- 140445 to 140460. SOLANUM MELONGENA L. Solanaceae. **Eggplant.**
140445. No. 5896. From Bushire, Fars, April 15, 1940. Long, purple variety.
140446. No. 5917. From Ahwaz, Khuzistan, April 20, 1940.
140447. No. 6058. From Dizful, Khuzistan, May 18, 1940. Elongate, 6 to 8 inches long, purple.
140448. No. 6187. From Tehran, June 18, 1940. Long, dark purple.
140449. No. 6376. From Gurgan, July 28, 1940. Purple, 6 to 8 inches long.
140450. No. 6434. From Bujmerd, Khorassan, August 2, 1940. Long, purple variety.
140451. No. 6647. From Meshed, Khorassan, August 13, 1940. Long, purple.
140452. No. 6780. From Turbati Shaikh Jam, Khorassan, August 23, 1940. Elongate, up to 7 inches long, deep purple.
140453. No. 6912. From Tabas, Khorassan, September 8, 1940. Fruit purple black, elongate, 7 inches long, few seeds.
140454. No. 6973. From Turbat Haidari, Khorassan, September 11, 1940. Pale green, 9 by 2¾ inches.
140455. No. 6962. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 4 by 12 inches, purple black.
140456. No. 7015. From Turbat Haidari, Khorassan, September 12, 1940. Grass green, turning yellow.
140457. No. 7044. From Turbat Haidari, Khorassan, September 13, 1940. Green and black-purple fruit; few seeds.
140458. No. 7134. From Nishabur, Khorassan, September 20, 1940. Elongate, purple-black fruit.
140459. No. 7180. From Sabzawar, Khorassan, September 23, 1940. Elongate, pale-purple fruit.
140460. No. 7233. From Shahrud, Khorassan, September 27, 1940. Pale purple, 7 by 2 inches, few seeds.

140316 to 140468—Continued

140461 to 140468. SPINACIA OLERACEA L. Chenopodiaceae. Common spinach.

140461. No. 5923. From Ahwaz, Khuzistan, April 20, 1940.

140462. No. 6179. From Tehran, June 17, 1940.

140463. No. 6388. From Gurgan, July 29, 1940.

140464. No. 6626. From Meshed, Khorassan, August 12, 1940.

140465. No. 7045. From Turbat Haidari, Khorassan, September 13, 1940.

140466. No. 7117. From Nishabur, Khorassan, September 20, 1940.

140467. No. 6426. From Bujmerd, Khorassan, August 2, 1940.

140468. No. 7237. From Shahrud, Khorassan, September 27, 1940.

140469 and 140470.

From Guatemala. Tubers presented by F. W. McBryde, New Orleans. Received March 31, 1941.

140469. SOLANUM. Solanaceae.

Potato.

Chianila.

140470. SOLANUM.

Todas Dantos.

140471. CUCUMIS MELO L. Cucurbitaceae.

Muskmelon.

From Texas. Seeds presented by G. H. Godfrey, Agricultural Experimental Station, Weslaco. Received March 21, 1941.

Smell melon. Fruit small, orange yellow, somewhat striped while still green.

140472 to 140627. CITRULLUS VULGARIS Schrad. Cucurbitaceae.

Watermelon.

From Iran. Seeds collected by Walter Koelz, Bureau of Plant Industry, United States Department of Agriculture. Received March 27, 1941.

140472. No. 5837. From Kazerun, Fars, April 11, 1940.

140473. No. 5954. From Bushire, Fars, April 14, 1940.

140474. No. 5901. From Bushire, Fars, April 16, 1940. Globose, 1 foot long, grass green; flesh pale pink, of good feature but without sugar; rind is from $\frac{1}{2}$ to 1 inch wide.

140475. No. 5928. From Ahwaz, Khuzistan, April 21, 1940.

140476. No. 6056. From Dizful, Khuzistan, May 18, 1940.

140477. No. 6159. From Tehran, June 15, 1940. Globose, black green, no sugar.

140478. No. 6178. From Tehran, June 17, 1940.

140479. No. 6215. From Tehran, June 24, 1940. A mixture of round sorts.

140480. No. 6221. From Tehran, June 24, 1940. An early variety, dark green with narrow darker rib stripe; tender; rind $\frac{1}{2}$ inch.

140481. No. 6227. From Tehran, June 26, 1940.

140482. No. 6228. From Tehran, June 26, 1940. Fruit 8 by 5 inches, pale green; flesh red, good quality.

140483. No. 6231. From Tehran, June 27, 1940. An early and smaller variety.

140484. No. 6232. From Tehran, June 27, 1940. Fruit 9 by 6 inches, elongate; rind $\frac{3}{4}$ inch thick; fair quality, seedy.

140485. No. 6248. From Tehran, July 7, 1940. Fruit subglobose, 10 inches long.

140486. No. 6261. From Khatisabad, Gurgan, July 10, 1940. Fruit gray green, with narrow irregular blotch lines, 10 by 6 inches; flesh old rose, seedy.

140472 to 140627—Continued

140487. No. 6264. From Kratisabad, Gurgan, July 10, 1940.
140488. No. 6372. From Gurgan, Mazendaran, July 28, 1940. Fruit globose, 8 inches long, pea green; flesh rose, streaked with yellow, poor quality.
140489. No. 6393. From Gurgan, July 29, 1940. Fruit globose, 10 inches, sea green, with irregular ribs and splashes of black green; fair quality.
140490. No. 6440. From Bujmerd, Khorassan, August 2, 1940. Globose, grass green with lighter stripes; rind $\frac{1}{2}$ inch thick; flesh pink, good and very heavy.
140491. No. 6441. From Bujmerd, Khorassan, August 2, 1940. Globose, 10 inches in diameter, grass green with broad, irregular lighter stripes; flesh bright rose, good.
140492. No. 6457. From Bujmerd, Khorassan, August 3, 1940. Fruit globose, 7 inches in diameter; rind $\frac{1}{2}$ inch thick; flesh rose, solid.
140493. No. 6508. From Bujmerd, Khorassan, August 8, 1940. A good small melon.
140494. No. 6509. From Bujmerd, Khorassan, August 8, 1940. A market mixture of seeds collected for roasting.
140495. No. 6511. From Bujmerd, Khorassan, August 8, 1940. Fruit globose, pale green with darker stripes; flesh yellow.
140496. No. 6512. From Bujmerd, Khorassan, August 8, 1940. Fruit 12 by 7 inches, grass green with faint stripes of a paler color; flesh rose, good.
140497. No. 6533. From Meshed, Khorassan, August 10, 1940. Fruit 10 by $6\frac{1}{2}$ inches, sea green with darker streaks; rind $\frac{1}{2}$ inch thick; flesh rose.
140498. No. 6537. From Meshed, Khorassan, August 10, 1940. Fruit 10 by 6 inches, equal-width stripes of sea green and grass green; rind $\frac{5}{8}$ inch thick; flesh good, rose.
140499. No. 6542. From Meshed, Khorassan, August 10, 1940. Fruit subglobose, 9 inches in diameter, grass green with darker stripes; flesh rose, good texture, fair taste.
140500. No. 6543. From Meshed, Khorassan, August 10, 1940. Fruit globose, 10 inches in diameter, pea green with darker green lines and scattered black spots; flesh deep pink, good.
140501. No. 6544. From Meshed, Khorassan, August 10, 1940. Fruit globose, 8 inches in diameter, grass green; rind $\frac{1}{2}$ inch thick; flesh rose, good quality.
140502. No. 6545. From Meshed, Khorassan, August 10, 1940. Fruit globose, 8 inches in diameter, pale green; flesh white, tinged pink, good.
140503. No. 6553. From Meshed, Khorassan, August 10, 1940. Fruit 12 by 8 inches, grass green with rib lines a little darker; rind $\frac{5}{8}$ inch thick; flesh deep pink, good.
140504. No. 6554. From Meshed, Khorassan, August 10, 1940. Fruit globose, 8 inches in diameter; rind $\frac{1}{2}$ inch thick; flesh whitish, stained rose, good.
140505. No. 6555. From Meshed, Khorassan, August 10, 1940. Fruit globose, $8\frac{1}{2}$ inches in diameter, sea green with splashes of black to brown broken narrow rib lines; rind $\frac{1}{2}$ inch thick; flesh white, stained rose.
140506. No. 6556. From Meshed, Khorassan, August 10, 1940. Fruit small, 8 by 6 inches, curiously spotted whitish and grass green; flesh deep rose, fine.
140507. No. 6587. From Meshed, Khorassan, August 11, 1940. Fruit subglobose, $6\frac{1}{2}$ inches in diameter, stripe mottling of grass and pea green; flesh rose, good.
140508. No. 6588. From Meshed, Khorassan, August 11, 1940. Fruit 10 by 5 inches, grass green; rind $\frac{3}{8}$ inch thick; flesh rose, good.
140509. No. 6604. From Meshed, Khorassan, August 11, 1940. Fruit globose, 8 inches in diameter, grass green with black spots and stripes; flesh rose, good.
140510. No. 6611. From Meshed, Khorassan, August 12, 1940. Fruit 14 by $6\frac{1}{2}$ inches, grass green with paler stripes; flesh apricot, good texture, low in sugar.

140472 to 140627—Continued

140511. No. 6612. From Meshed, Khorassan, August 12, 1940. Fruit subglobose, $9\frac{1}{2}$ inches in diameter, pea green with fretted rib lines of black; rind $\frac{3}{4}$ inch thick; flesh deep pink, good.
140512. No. 6613. From Meshed, Khorassan, August 12, 1940. Fruit globose, 10 inches in diameter, alternate stripes of pea green and pale green; rind $\frac{3}{4}$ inch thick; flesh apricot, good.
140513. No. 6633. From Meshed, Khorassan, August 12, 1940. Seed-roaster's sample.
140514. No. 6653. From Meshed, Khorassan, August 13, 1940. Fruit subglobose, 6 inches in diameter, grass green with paler spots. A good, small melon.
140515. No. 6662. From Abdullabad, Khorassan.
140516. No. 6663. From Abdullabad, Khorassan, August 14, 1940. Fruit said to be dry brown, subglobose, 6 inches in diameter, sea green with darker stripes; flesh pink, good; rind $\frac{1}{4}$ inch thick.
140517. No. 6664. From Abdullabad, Khorassan, August 14, 1940. Fruit globose, 5 inches in diameter, pea green with darker stripes; flesh pink, good.
140518. No. 6671. From Abdullabad, Khorassan, August 15, 1940. Fruit globose, 5 inches in diameter, black green; flesh pink, good; rind $\frac{1}{4}$ inch thick.
140519. No. 6701. From Karizinu, Khorassan, August 21, 1940. Fruit 10 by 7 inches, pale green with broken reticulations darker; rind $\frac{3}{8}$ inch thick; flesh bright yellow, good.
140520. No. 6707. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit subglobose, 10 inches in diameter, dark green; flesh pink, streaked with white.
140521. No. 6708. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit 14 by 7 inches, grass green and reticulated darker; rind $\frac{1}{2}$ inch thick; flesh bright pink, good.
140522. No. 6709. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit $12\frac{1}{2}$ by $8\frac{1}{2}$ inches, pea green with broken, irregular stripes of a darker green; rind $\frac{1}{2}$ inch thick; flesh cream, fair.
140523. No. 6710. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 9 inches in diameter, grass green with chain blotches of darker green; flesh pink, streaked with white, fair.
140524. No. 6711. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 8 inches in diameter, sea green with faint broad, broken stripes of dark green; rind $\frac{1}{2}$ inch thick; flesh pink, fair.
140525. No. 6712. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 7 inches in diameter, green with deep green, narrow stripes; rind $\frac{1}{2}$ inch thick; flesh pink, good.
140526. No. 6713. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 7 inches in diameter, pale green; rind $\frac{1}{2}$ inch thick; flesh white, tinged pink, fair.
140527. No. 6714. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 9 inches in diameter, sea green with black-green stripes; rind $\frac{1}{2}$ inch thick; flesh pink, good.
140528. No. 6715. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit 13 by 6 inches, sea green with broad, broken, darker stripes; hard rind $\frac{1}{2}$ inch thick; flesh firm, apricot pink, fair.
140529. No. 6716. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit $11\frac{1}{2}$ by $5\frac{1}{2}$ inches, pea green with irregular broad paler stripes; flesh pink, fair.
140530. No. 6717. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit subglobose, pea green with black stripes; rind $\frac{1}{2}$ inch thick; flesh pink, good.
140531. No. 6718. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit subglobose, 8 inches in diameter, pea green with broken, darker reticulations; rind $\frac{1}{2}$ inch thick; flesh pink, fair.

140472 to 140627—Continued

140532. No. 6720. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 7 inches in diameter, black green; rind hard, $\frac{1}{2}$ inch thick; flesh pink, good.
140533. No. 6721. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 8 inches in diameter, grass green with thin dark-green stripes; flesh cream in heart, pink around seeds.
140534. No. 6722. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, $7\frac{1}{2}$ inches in diameter, green white with narrow, grass-green stripes; rind very hard, $\frac{1}{2}$ inch thick; flesh apricot, good keeper.
140535. No. 6723. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit subglobose, 9 inches in diameter, sea green with heavy, broken grass-green reticulations; rind $\frac{1}{2}$ inch thick; flesh apricot pink, good.
140536. No. 6724. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 6 inches in diameter, green white with faint reticulations; rind $\frac{1}{2}$ inch thick, very hard; flesh pink. Good keeper.
140537. No. 6725. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit subglobose, $8\frac{1}{2}$ inches in diameter; pea green with thin chain ribs; rind $\frac{1}{2}$ inch thick, hard; flesh pink, fair.
140538. No. 6726. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit subglobose, 10 inches in diameter, deep grass green with thin ribs of black; rind hard, $\frac{1}{2}$ inch thick; flesh firm, white around heart, pink around seeds. Good keeper.
140539. No. 6727. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 7 inches in diameter, grass green with thin, irregular black stripes; rind $\frac{5}{8}$ inch thick; flesh pale pink, fair.
140540. No. 6754. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit 12 by 5 inches, sea green; rind hard, $\frac{1}{2}$ inch thick; flesh white, tinged pink around the seeds. Winter sort.
140541. No. 6758. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, $7\frac{1}{2}$ inches in diameter, grass green with thin, irregular darker stripes; rind $\frac{1}{2}$ inch thick; flesh pink, good.
140542. No. 6759. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit 12 by 8 inches, pea green with broken vermiculations; rind $\frac{1}{2}$ inch thick; flesh pink.
140543. No. 6799. From Meshed, Khorassan, August 24, 1940. Fruit globose, 10 inches in diameter, sea green with faint darker ribs; rind $\frac{5}{8}$ inch thick; flesh pink.
140544. No. 6801. From Maina, Khorassan, August 26, 1940.
140545. No. 6819. From Firdus, Khorassan, August 27, 1940. Globose, small, about 7 to 8 inches in diameter.
140546. No. 6837. From Firdus, Khorassan, August 30, 1940. Fruit 12 by 10 inches, sea green; rind $\frac{1}{2}$ inch thick; flesh yellow, heavily stained pink around seeds.
140547. No. 6838. From Firdus, Khorassan, August 30, 1940. Fruit globose, 5 inches in diameter, black green; rind $\frac{3}{8}$ inch thick; flesh pink, good. Irrigated.
140548. No. 6839. From Firdus, Khorassan, August 30, 1940. Fruit subglobose, 10 inches in diameter, grass green with broken ribs of black green; rind $\frac{1}{2}$ inch thick; flesh apricot, stained rose around seeds, good.
140549. No. 6840. From Firdus, Khorassan, August 30, 1940. Fruit globose, 5 inches in diameter, sea green vermiculated darker; rind $\frac{1}{4}$ inch thick; flesh rose, good.
140550. No. 6844. From Tabas, Khorassan, August 31, 1940. Fruit globose, 9 inches in diameter, pea green vermiculated darker; rind $\frac{1}{2}$ inch thick; flesh pink, good.
140551. No. 6845. From Tabas, Khorassan, August 31, 1940. Fruit globose, 9 inches in diameter, grass green with darker stripes; rind $\frac{1}{2}$ inch thick; flesh pink.
140552. No. 6846. From Tabas, Khorassan, August 31, 1940. Fruit subglobose, 6 inches in diameter, pea green, vermiculated darker; rind $\frac{3}{8}$ inch thick; flesh rose, insipid.

140472 to 140627—Continued

140553. No. 6847. From Tabas, Khorassan, August 31, 1940. Fruit globose, 10 inches in diameter, dark grass green with faint, darker stripes; rind $\frac{3}{4}$ inch thick; flesh pink, good.
140554. No. 6848. From Tabas, Khorassan, August 31, 1940. Fruit 10 by 6 inches, sea green; rind $\frac{1}{4}$ inch thick; flesh pink, good.
140555. No. 6849. From Tabas, Khorassan, August 31, 1940. Fruit subglobose, 10 inches in diameter, pea green with narrow black stripes; rind $\frac{3}{8}$ inch thick; flesh rich apricot, insipid.
140556. No. 6850. From Tabas, Khorassan, August 31, 1940. Fruit globose, 9 inches in diameter, cloudy grass green with darker stripes; flesh bright yellow, insipid; rind $\frac{3}{8}$ inch thick.
140557. No. 6853. From Tabas, Khorassan, August 31, 1940. Fruit globose, 9 inches in diameter, dark green with marbled black; rind $\frac{1}{2}$ inch thick; flesh deep apricot red, good.
140558. No. 6854. From Tabas, Khorassan, August 31, 1940. Fruit globose, 9 inches in diameter, pea green with narrow black-green stripes; rind $\frac{3}{4}$ inch thick; flesh pink, good.
140559. No. 6856. From Tabas, Khorassan, September 1, 1940. Fruit 12 by 5 inches, sea green; rind $\frac{3}{8}$ inch thick; flesh bright pink, insipid.
140560. No. 6859. From Tabas, Khorassan, September 3, 1940. Fruit subglobose, 11 inches in diameter, sea green; flesh bright yellow, insipid; rind $\frac{1}{2}$ inch thick.
140561. No. 6896. From Tabas, Khorassan, September 8, 1940.
140562. No. 6952. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 10 by $7\frac{1}{2}$ inches, pea green, vermiculated darker; rind $\frac{1}{2}$ inch thick; flesh rose, good.
140563. No. 6953. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 9 by 7 inches, pea green with darker broken vermiculations; rind $\frac{3}{8}$ inch thick; flesh rose, good.
140564. No. 6954. From Turbat Haidari, Khorassan, September 11, 1940. Fruit subglobose, 9 inches in diameter, green white mottled darker with broad, black-green stripes; rind $\frac{1}{2}$ inch thick; flesh bright pink, fine.
140565. No. 6955. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 14 by 6 inches, pea green with vermiculations darker; flesh rose, good; rind $\frac{1}{2}$ inch thick.
140566. No. 6956. From Turbat Haidari, Khorassan, September 11, 1940. Fruit globose, 7 inches in diameter, green white with narrow irregular darker stripes; rind $\frac{3}{8}$ inch thick; flesh rose, fair.
140567. No. 6957. From Turbat Haidari, Khorassan, September 11, 1940. Fruit globose, 10 inches in diameter, black green with deeply indented ribs; rind $\frac{3}{8}$ inch thick; flesh white, tinged rose around seeds, good.
140568. No. 6976. From Turbat Haidari, Khorassan, September 12, 1940. Fruit globose, 12 inches in diameter, black green, faintly clouded paler shade; rind $\frac{1}{2}$ inch thick; flesh pink, flecked yellow, good.
140569. No. 6977. From Turbat Haidari, Khorassan, September 12, 1940. Fruit 12 by 6 inches, tapering to stem, sea green, marbled and striped paler; rind $\frac{1}{2}$ inch thick; flesh pink, streaked apricot; good.
140570. No. 6978. From Turbat Haidari, Khorassan, September 12, 1940. Fruit globose, 9 inches in diameter, sea green with handsome dark-green stripes; rind $\frac{3}{8}$ inch thick; flesh pink; good.
140571. No. 6979. From Turbat Haidari, Khorassan, September 12, 1940. Fruit subglobose, 6 inches in diameter, grass green; rind $\frac{3}{8}$ inch thick; flesh pink; fine.
140572. No. 6980. From Turbat Haidari, Khorassan, September 12, 1940. Fruit globose, 10 inches in diameter, pea green flecked and obscurely striped paler; rind $\frac{3}{8}$ inch thick; flesh pink, streaked apricot, good.

140472 to 140627—Continued

140573. No. 6981. From Turbat Haidari, Khorassan, September 12, 1940. Fruit 12 by 7 inches, black green; rind $\frac{3}{8}$ inch thick; flesh pink, good.
140574. No. 7002. From Turbat Haidari, Khorassan, September 12, 1940. Fruit globose, 7 inches in diameter, sea green with irregular deep ribs; rind $\frac{3}{8}$ inch thick; flesh pink, good.
140575. No. 7003. From Turbat Haidari, Khorassan, September 12, 1940. Fruit globose, 7 inches in diameter, sea green, reticulated darker; rind $\frac{3}{8}$ inch thick; flesh pink, good.
140576. No. 7042. From Turbat Haidari, Khorassan, September 13, 1940. Bazar seed-roaster's mixture; melons of good quality.
140577. No. 7100. From Nishabur, Khorassan, September 19, 1940. Fruit 10 by 8 inches, grass green with darker stripes; rind $\frac{1}{2}$ inch thick; flesh deep pink, good.
140578. No. 7101. From Nishabur, Khorassan, September 19, 1940. Fruit globose, 8 inches in diameter, pea green, reticulated darker; rind $\frac{3}{8}$ inch thick; flesh rose, good.
140579. No. 7102. From Nishabur, Khorassan, September 19, 1940. Fruit 10 by 6 inches, grass green with paler green spots; rind $\frac{1}{2}$ inch thick; flesh pink, good.
140580. No. 7103. From Nishabur, Khorassan, September 19, 1940. Fruit 10 by 6 inches, pea green with broken darker reticulations; rind $\frac{1}{4}$ inch thick; flesh pink, good.
140581. No. 7104. From Nishabur, Khorassan, September 19, 1940. Fruit subglobose, 8 inches in diameter, grass green with cloudy darker ribs, heavily indented ribs; rind $\frac{1}{2}$ inch thick; flesh deep pink, good.
140582. No. 7105. From Nishabur, Khorassan, September 19, 1940. Fruit 12 $\frac{1}{2}$ by 7 $\frac{1}{2}$ inches, green white, clouded darker; rind $\frac{3}{8}$ inch thick; flesh deep pink, good.
140583. No. 7106. From Nishabur, Khorassan, September 19, 1940. Fruit subglobose, 8 inches in diameter, sea green with darker green dots; rind $\frac{1}{4}$ inch thick; flesh pink, good.
140584. No. 7107. From Nishabur, Khorassan, September 19, 1940. Fruit 11 by 7 $\frac{1}{2}$ inches, grass green, lined and vermiculated darker; rind $\frac{1}{4}$ inch thick; flesh pink, good.
140585. No. 7108. From Nishabur, Khorassan, September 19, 1940. Fruit 12 by 5 inches, sea green; rind $\frac{1}{2}$ inch thick; flesh pale rose, good.
140586. No. 7109. From Nishabur, Khorassan, September 19, 1940. A small, round or elongate melon, 8 inches in diameter, grass green with lighter spots; rind $\frac{3}{8}$ inch thick; flesh deep pink, good.
140587. No. 7111. From Nishabur, Khorassan, September 19, 1940. Fruit subglobose, 11 inches in diameter, sea green with coarse reticulations arranged principally to form loose stripes; rind $\frac{1}{2}$ inch thick; flesh pink, good.
140588. No. 7115. From Nishabur, Khorassan, September 20, 1940. Fruit globose, 7 inches in diameter, sea green with dotted and clouded darker markings; rind $\frac{3}{8}$ inch thick; flesh pink, good.
140589. No. 7116. From Nishabur, Khorassan, September 20, 1940. Fruit globose, 7 inches in diameter, sea green, vermiculated darker; rind $\frac{1}{4}$ inch thick; flesh pink, good.
140590. No. 7125. From Nishabur, Khorassan, September 20, 1940. Dry and irrigated cultivations of watermelons; melons of best quality here.
140591. No. 7143. From Nishabur, Khorassan, September 21, 1940. Fruit globose, 9 inches in diameter, handsomely and curiously marked in jagged stripes about 1 inch wide of alternate sea green and grass green, the grass green with rows of lighter spots of green; rind $\frac{3}{8}$ inch thick; flesh rose, good.
140592. No. 7149. From Sultanabad, Khorassan, September 22, 1940. Fruit 17 by 9 inches, sea green; rind $\frac{1}{2}$ inch thick; flesh pink, good. Said to be unirrigated.

140472 to 140627—Continued

140593. No. 7151. From Sultanabad, Khorassan, September 22, 1940. Bought from a restaurant; said to be unirrigated.
140594. No. 7153. From Sabzawar, Khorassan, September 22, 1940. Fruit subglobose, 10 inches in diameter, black green, clouded paler; rind $\frac{1}{4}$ inch thick; flesh rose, good.
140595. No. 7154. From Sabzawar, Khorassan, September 22, 1940. Fruit globose, 10 inches in diameter, sea green vermiculated darker; rind $\frac{1}{2}$ inch thick; flesh pink, good.
140596. No. 7155. From Sabzawar, Khorassan, September 22, 1940. Fruit subglobose, 10 inches in diameter, pea green with traces of narrow, darker ribs; rind $\frac{1}{2}$ inch thick; flesh rose.
140597. No. 7159. From Sabzawar, Khorassan, September 22, 1940. Fruit globose, 9 inches in diameter, pea green with narrow, black-green stripes; rind $\frac{1}{8}$ inch thick; flesh pink, fair. Said to be unirrigated.
140598. No. 7160. From Sabzawar, Khorassan, September 22, 1940. Fruit globose, 9 inches in diameter, irregular alternate, $1\frac{1}{2}$ inch stripes of white green and cloudy pea green; rind $\frac{1}{2}$ inch thick; flesh pink, fair. Said to be unirrigated.
140599. No. 7162. From Sabzawar, Khorassan, September 22, 1940. Fruit globose, 9 inches in diameter, sea green; rind $\frac{1}{2}$ inch thick; flesh pink, fair. Said to be unirrigated.
140600. No. 7163. From Sabzawar, Khorassan, September 23, 1940. Unirrigated fruit, globose with deep irregular-spaced ribs, sea green with a cloudy darker green, 9 inches in diameter; rind $\frac{1}{8}$ inch thick; flesh deep pink, good.
140601. No. 7164. From Sabzawar, Khorassan, September 23, 1940. Fruit subglobose, 9 inches in diameter, sea green vermiculated darker; rind $\frac{1}{4}$ inch thick; flesh pink, insipid. Said to be unirrigated.
140602. No. 7165. From Sabzawar, Khorassan, September 23, 1940. Fruit 10 by 8 inches, with broad alternating ribs of grass green and black; rind $\frac{1}{2}$ inch thick; flesh rose, fair.
140603. No. 7166. From Sabzawar, Khorassan, September 23, 1940. Fruit subglobose, 9 inches in diameter, sea green with slightly darker ribs; rind $\frac{1}{2}$ inch thick; flesh pink, good. Said to be unirrigated.
140604. No. 7167. From Sabzawar, Khorassan, September 23, 1940. Fruit $11\frac{1}{2}$ by $7\frac{1}{2}$ inches, sea green with broad mottled ribs of pea green; rind $\frac{3}{8}$ inch thick; flesh rose; picked green.
140605. No. 7172. From Sabzawar, Khorassan, September 23, 1940. Fruit 8 by 14 inches, alternate stripes of grass green and pea green; rind $\frac{1}{8}$ inch thick; flesh rose, fair. Said to be unirrigated.
140606. No. 7181. From Sabzawar, Khorassan, September 23, 1940. Farmer's mixture variety.
140607. No. 7186. From Sabzawar, Khorassan, September 24, 1940. Fruit 12 by 10 inches, alternate stripes of pale and pea green; rind $\frac{1}{2}$ inch thick; flesh pink, good.
140608. No. 7202. From Shahrud, Khorassan, September 25, 1940. Fruit 17 by 9 inches, grass green; rind $\frac{1}{2}$ inch thick; flesh yellow changing to pink towards center, good.
140609. No. 7203. From Shahrud, Khorassan, September 25, 1940. Fruit subglobose, 12 inches in diameter, grass green; rind $\frac{1}{2}$ inch thick; flesh yellow, good.
140610. No. 7204. From Shahrud, Khorassan, September 25, 1940. Fruit 17 by 8 inches, sea green, vermiculated of a darker shade; rind $\frac{1}{2}$ inch thick; flesh pink, fair.
140611. No. 7213. From Shahrud, Khorassan, September 26, 1940. Fruit 16 by 7 inches, sea green, rind $\frac{3}{8}$ inch thick; flesh pink, good.
140612. No. 7214. From Shahrud, Khorassan, September 26, 1940. Fruit globose, 6 inches in diameter, pea green with narrow black-green stripes; rind $\frac{1}{2}$ inch thick; flesh pink, good.

140472 to 140627—Continued

- 140613.** No. 7215. From Shahrud, Khorassan, September 26, 1940. Fruit 12 by 6 inches, grass green with broad irregular black-green stripes; rind $\frac{1}{2}$ inch thick; flesh pink, good.
- 140614.** No. 7216. From Shahrud, Khorassan, September 27, 1940. Fruit 12 by 7 inches, grass green; rind $\frac{5}{8}$ inch thick; flesh pink, good.
- 140615.** No. 7217. From Shahrud, Khorassan, September 27, 1940. Fruit 18 by 11 inches, grass green, clouded paler; rind $\frac{1}{2}$ inch thick; flesh pink, good; heart hollow as in American watermelons.
- 140616.** No. 7218. From Shahrud, Khorassan, September 27, 1940. Fruit 15 by 8 inches, alternate broad stripes of sea green and grass green; flesh pink, good.
- 140617.** No. 7227. From Gurgan, September 29, 1940. Fruit globose, 8 inches in diameter, pea green with narrow stripes of darker green; rind $\frac{1}{2}$ inch thick; flesh bright pink, firm, good. Good keeper.
- 140618.** No. 7228. From Gurgan, October 1, 1940. Fruit globose, 7 inches in diameter, sea green vermiculated darker; rind $\frac{1}{4}$ inch thick; flesh pink, good.
- 140619.** No. 7246. From Shahrud, Khorassan, September 27, 1940. The largest watermelons in Iran grow here.
- 140620.** No. 7267. From Bandar Shahi, Astrabad, October 1, 1940. Fruit 12 by 15 inches, pea green with black stripes; rind hard, 1 inch thick; flesh pink, dry. Good keeper.
- 140621.** No. 7268. From Bandar Shahi, Astrabad, October 1, 1940. A local mixture.
- 140622.** No. 7269. From Bandar Shahi, Astrabad, October 1, 1940. Fruit globose, 7 inches in diameter, cloudy stripes of grass green and pea green; rind $\frac{3}{8}$ inch thick; flesh pale rose, good. Good keeper.
- 140623.** No. 7270. From Sari, Mazendaran, October 2, 1940. Fruit 10 by 6 inches, alternately striped with two tones of cloudy green; rind $\frac{1}{4}$ inch thick; flesh red pink, good. Good keeper.
- 140624.** No. 7273. From Tehran, October 3, 1940. Fruit 12 by 6 inches, sea green vermiculated darker; rind $\frac{1}{4}$ inch thick; flesh deep pink, fair.
- 140625.** No. 7274. From Tehran, October 3, 1940. Fruit globose, 12 inches in diameter, pea green; rind hard, 1 inch thick; flesh pink. Good keeper.
- 140626.** No. 7276. From Tehran, October 5, 1940. Fruit 11 by $7\frac{1}{2}$ inches, pale sea green; rind hard, 1 inch thick; flesh pink, firm, fair. Good keeper.
- 140627.** No. 7285. From Sabzawar, Khorassan, September 22, 1940. A farmer's mixture.

140628. DUBOISIA HOPWOODII F. Muell. Solanaceae.

From Australia. Seed presented by the Department of Agriculture, Sydney, New South Wales. Received March 31, 1941.

A shrub or small tree native to Australia. The thick linear leaves are 2 to 4 inches long, and the small inconspicuous flowers, borne in leafy pyramidal panicles, are followed by small, black berries. The leaves are said to contain an alkaloid similar to nicotine.

For previous introduction see 102070.

140629 to 140901.

From Iran. Seeds presented by Walter Koelz, Bureau of Plant Industry, United States Department of Agriculture. Received March 31, 1941.

140629 to 140887. CUCUMIS MELO L. Cucurbitaceae.

Muskmelon.

140629. No. 5853. From Bushire, Fars, April 14, 1940.

140630. No. 5904. From Bushire, Fars, April 16, 1940.

140631. No. 5916. From Ahwaz, Khuzistan, April 20, 1940.

140632. No. 6053. From Dizful, Khuzistan, April 20, 1940.

140629 to 140901—Continued

- 140633.** No. 6156. From Tehran, June 15, 1940. Fruit flattened, 4 by 2½ inches; orange-brown flesh, insipid; a very early sort, heavily netted.
- 140634.** No. 6173. From Tehran, June 17, 1940. Fruit flattened, 4 by 3 inches, with large navel, yellow with green ribs, heavily netted; an early sort, fragrant but insipid.
- 140635.** No. 6174. From Tehran, June 17, 1940. Fruit elongate, 7 by 3 inches, pointed at both ends, orange yellow, smooth; flesh orange, ¾ inch thick, insipid.
- 140636.** No. 6175. From Tehran, June 17, 1940. Fruit flattened, 8 by 5 inches, golden brown with heavy netting; flesh yellow orange, 1½ inches thick, insipid.
- 140637.** No. 6176. From Tehran, June 17, 1940. A farmer's mixture.
- 140638.** No. 6223. From Tehran, June 24, 1940. Fruit subglobose, 8 inches in diameter, heavily netted, yellow; flesh 5 inch thick, orange yellow, fragrant but insipid.
- 140639.** No. 6235. From Tehran, July 4, 1940. Fruit subglobose, 5½ inches in diameter, heavily netted except for narrow, slightly indented rib lines; flesh 1½ inches thick, cream color, fragrant, fair flavor.
- 140640.** No. 6236. From Tehran, July 5, 1940. Fruit yellow, subglobose, 8 inches in diameter, heavily netted except on the smooth slightly indented rib lines; flesh salmon, 1¼ inches thick, early sort, fair quality.
- 140641.** No. 6244. From Tehran, July 7, 1940. Fruit subglobose, 6 inches in diameter, yellow, blotched with green and orange, smooth; flesh salmon, fair quality.
- 140642.** No. 6245. From Tehran, July 7, 1940. Pale-yellow fruit, 8 inches in diameter, heavily netted; flesh 1½ inches thick, cream, fair quality.
- 140643.** No. 6246. From Tehran, July 7, 1940. Fruit subglobose, 8 inches in diameter, heavily netted, pale green; flesh 1½ inches thick, salmon, fair quality.
- 140644.** No. 6247. From Tehran, July 7, 1940. Fruit flattened, 12 by 8 inches, heavily netted, yellow; flesh salmon, 1¾ inches thick, fair quality.
- 140645.** No. 6251. From Bandari Shah, Mazenderan, July 9, 1940. Fruit globose, 10 inches in diameter, smooth, gray green with darker blotches; flesh green white, firm, crisp, and sweet.
- 140646.** No. 6252. From Khatirabad, Gurgan, Mazenderan, July 10, 1940. Fruit smooth, globose, 5 inches in diameter, yellow; flesh cream, 1¼ inches thick, good.
- 140647.** No. 6253. From Khatirabad, Gurgan, July 10, 1940. Fruit elongate, 10 by 6 inches, lemon, slightly ribbed; flesh white, 1½ inches thick, good.
- 140648.** No. 6254. From Khatirabad, Gurgan, July 10, 1940. Fruit football-shaped, 12 by 6 inches, lemon mottled with green; flesh green white, 1¼ inches thick, fair.
- 140649.** No. 6255. From Khatirabad, Gurgan, July 10, 1940. Fruit elongate, 6 by 4 inches, yellow blotched with orange, smooth; flesh green, changing to salmon, 1¼ inches thick.
- 140650.** No. 6256. From Khatirabad, Gurgan, July 10, 1940. Fruit elongate, 6 by 4 inches, orange yellow with green indented ribs; flesh salmon, 1¼ inches thick, good.
- 140651.** No. 6257. From Khatirabad, Gurgan, July 10, 1940. Fruit globose, 5 inches in diameter, orange yellow with slightly indented green-yellow ribs; flesh green, 1¼ inches thick, fair.
- 140652.** No. 6258. From Khatirabad, Gurgan, July 10, 1940. Fruit flattened, 6 by 4 inches, lemon, smooth; flesh hard and crisp, green, 1½ inches thick.
- 140653.** No. 6259. From Khatirabad, Gurgan, July 10, 1940. Fruit elongate, 6 by 4 inches, yellow blotched with orange and indented ribs of yellow, large navel; flesh green changing to salmon, 1¼ inches thick, fair.

140629 to 140901—Continued

140654. No. 6262. From Khatirabad, Gurgan, July 10, 1940. Fruit subglobose, 6 inches in diameter, smooth, lemon dotted with green; flesh greenish, $1\frac{1}{4}$ to 2 inches thick, good.
140655. No. 6263. From Khatirabad, Gurgan, July 10, 1940. Fruit subglobose, 5 inches in diameter, orange, dotted green, with deeply indented ribs of a paler shade; flesh cream, $1\frac{1}{4}$ inches thick, very good.
140656. No. 6266. From Gurgan, July 10, 1940. Fruit flattened, 7 by 5 inches, lemon, finely dotted with blotch ribs of black green; flesh $1\frac{1}{4}$ inches thick, green, fine flavor.
140657. No. 6267. From Gurgan, July 10, 1940. Fruit flattened, 9 by 5 inches, rough surface, no netting; flesh green white, 1 inch thick, fair.
140658. No. 6268. From Gurgan, July 10, 1940. Fruit elongate, 8 by $5\frac{1}{2}$ inches, lemon, finely sprinkled with green, smooth; flesh green changing to salmon, $1\frac{3}{4}$ inches thick.
140659. No. 6269. From Gurgan, July 10, 1940. Fruit globose, $6\frac{1}{2}$ inches in diameter, pale green with fine darker spots; flesh green, faintly indented, $1\frac{1}{4}$ inches thick, fair.
140660. No. 6270. From Gurgan, July 10, 1940. Fruit subglobose, 5 inches in diameter, smooth, green white or green gray blotched with darker dots; flesh half green and half salmon; $1\frac{1}{4}$ inches thick, unripe.
140661. No. 6271. From Gurgan, July 10, 1940. Fruit football-shaped, 8 inches long, lemon blotched with dark green; flesh green white, crisp, sweet, $1\frac{1}{8}$ inches thick.
140662. No. 6272. From Gurgan, July 10, 1940. Fruit subglobose, 8 inches in diameter, green white obscurely sprinkled with green, smooth; flesh green white, sweet, $1\frac{1}{2}$ inches thick, green.
140663. No. 6273. From Gurgan, July 10, 1940. Fruit subglobose, 5 inches in diameter, white, smooth, hard-shelled; flesh $1\frac{1}{2}$ inches thick, green, excellent.
140664. No. 6274. From Gurgan, July 10, 1940. Fruit football-shaped, 9 inches in diameter, green white with green blotches; flesh cream, $1\frac{3}{4}$ inches thick, crisp, sweet.
140665. No. 6275. From Gurgan, July 10, 1940. Fruit flattened, 7 by 5 inches, lemon, irregular indented rib lines; flesh green white, sweet, $1\frac{1}{2}$ inches thick.
140666. No. 6276. From Gurgan, July 10, 1940. Fruit football-shaped, 9 inches in diameter, green white with faint green dots and scarce dark-green blotches; flesh $1\frac{1}{2}$ inches thick, green white, crisp, sweet.
140667. No. 6277. From Gurgan, July 10, 1940. Fruit elongate, 9 by 5 inches, green white with deeply indented ribs of green; flesh $1\frac{1}{2}$ inches thick, green white, sweet.
140668. No. 6278. From Gurgan, July 10, 1940. Fruit subglobose, 8 inches in diameter, gray green with blotches of green and orange; flesh $1\frac{1}{4}$ inches thick, half green, half salmon, fair.
140669. No. 6279. From Gurgan, July 10, 1940. Fruit elongate, 6 by $4\frac{1}{2}$ inches, faint net, yellow blotched and dotted with gray green; flesh $1\frac{1}{4}$ inches thick, salmon with heavy green layer next to rind.
140670. No. 6280. From Gurgan, July 10, 1940. Fruit football-shaped, 12 inches long, pale yellow with orange blotches; flesh $1\frac{1}{2}$ inches thick, cream, sweet.
140671. No. 6281. From Gurgan, July 10, 1940. Fruit globose, 4 inches in diameter, whitish with heavily indented ribs of green; flesh 1 inch thick, half yellow, half orange.
140672. No. 6282. From Gurgan, July 10, 1940. Fruit subglobose, 8 inches in diameter, lemon, heavily and finely dotted green, deep and irregular indented ribs; flesh $1\frac{1}{2}$ inches thick, cream, sweet.

140629 to 140901—Continued

- 140673.** No. 6283. From Gurgan, July 10, 1940. Fruit globose, 4 inches in diameter, yellow with orange and green blotches, indented ribs of green; flesh 1 inch thick, green and white, sweet, soft-fleshed.
- 140674.** No. 6284. From Gurgan, July 11, 1940. Fruit elongate, 8 by 6½ inches, smooth, pale yellow; flesh 1¾ inches, green white, crisp, sweet.
- 140675.** No. 6285. From Gurgan, July 11, 1940. Fruit elongate, 7 by 4 inches, whitish with fine green specks, smooth; flesh 1½ inches thick, green white.
- 140676.** No. 6286. From Gurgan, July 11, 1940. Fruit globose, 4 inches in diameter, smooth, pale yellow blotched with orange, indented ribs of green; flesh 1¼ inches thick, half green, half salmon, soft.
- 140677.** No. 6287. From Gurgan, July 11, 1940. Fruit elongate, 6 by 4½ inches, smooth, pale yellow with broken blotches of dark green; flesh salmon with broad layer of green next to rind.
- 140678.** No. 6288. From Gurgan, July 11, 1940. Fruit subglobose, 8 inches in diameter, yellow with broad, broken ribs of green; flesh 1½ inches thick, whitish.
- 140679.** No. 6289. From Gurgan, July 11, 1940. Fruit globose, smooth, 5 inches in diameter, yellow; flesh 1 inch thick, whitish, soft, sweet.
- 140680.** No. 6290. From Gurgan, July 11, 1940. Fruit elongate, 9 by 5 inches; green-yellow, lemonlike surface with unevenly indented ribs; flesh 1 inch thick, green white, unripe.
- 140681.** No. 6291. From Gurgan, July 11, 1940. Fruit subglobose, 7 inches in diameter, smooth, green; flesh 1¼ inches thick, greenish, crisp.
- 140682.** No. 6292. From Gurgan, July 11, 1940. Fruit elongate, football-shaped, 9 by 4 inches, lemon finely dotted with a darker shade, with broad gray-green unindented ribs; flesh 1¼ inches thick, greenish, unripe.
- 140683.** No. 6303. From Gurgan, July 12, 1940. Fruit globose, 5 inches in diameter, smooth, pale yellow mottled with orange and green; flesh creamy white, 1½ inches thick, good.
- 140684.** No. 6304. From Gurgan, July 12, 1940. Fruit subglobose, 6 by 5 inches, finely and sparsely netted, yellow mottled green; flesh 1½ inches thick, greenish.
- 140685.** No. 6305. From Gurgan, July 12, 1940. Fruit football-shaped, 10 inches long, yellow mottled orange and green, smooth; flesh 1¾ inches thick, creamy.
- 140686.** No. 6342. From Gurgan, July 20, 1940. Fruit 8 by 5 inches, smooth, faintly indented ribs, pale yellow, finely dotted with green; flesh 1¾ inches thick, salmon, good.
- 140687.** No. 6367. From Gurgan, Mazenderan, July 27, 1940. Fruit globose, 10 inches in diameter, yellow mottled brown, smooth; flesh 3 inches thick, creamy.
- 140688.** No. 6394. From Gurgan, July 29, 1940. Fruit 12 inches in diameter, yellow, blotched with green, smooth, with deeply indented rib lines; flesh 3 inches thick, half green and half cream.
- 140689.** No. 6399. From Gurgan, July 29, 1940. Fruit subglobose, 8 inches in diameter, smooth, lemon; flesh green, 2¼ inches thick.
- 140690.** No. 6409. From Gumbatigabus, July 30, 1940. Fruit football-shaped, 10 inches in diameter, obscurely netted, yellow with fine dots and blotches of green; flesh 2 inches thick, green, crisp.
- 140691.** No. 6502. From Garmab, Khorassan, August 6, 1940. Fruit 12 by 9 inches, green, coarse, heavy net; flesh 1¾ inches thick, half green, half salmon.
- 140692.** No. 6503. From Garmab, Khorassan, August 6, 1940. Fruit subglobose, 7 inches in diameter, yellow with indented green ribs; flesh 2 inches thick, creamy.
- 140693.** No. 6504. From Garmab, Khorassan, August 6, 1940. Fruit elongate, 16 by 9 inches, smooth, ribs indented, yellow with scattered small green blotches; flesh 2 inches thick, whitish.

140629 to 140901—Continued

140694. No. 6514. From Bujmerd, Khorassan, August 8, 1940. A farmer's mixture.
140695. No. 6518. From Bujmerd, Khorassan, August 8, 1940. Fruit 15 by 9 inches, smooth, yellow with darker indented ribs; flesh 2 inches thick, yellow. Plants irrigated.
140696. No. 6523. From Bujmerd, Khorassan, August 8, 1940. Fruit 5 inches across, smooth with large navel, fragrant; flesh 1 inch thick, salmon, inedible.
140697. No. 6534. From Meshed, Khorassan, August 10, 1940. Fruit rounded on end, 12 by 7 inches, yellow, heavily dotted with green; flesh 2 inches thick, green white, crisp.
140698. No. 6535. From Meshed, Khorassan, August 10, 1940. Fruit elongate football-shaped, 16 inches long, green turning yellow; flesh $1\frac{3}{4}$ inches thick, crisp, green white.
140699. No. 6536. From Meshed, Khorassan, August 10, 1940. Fruit flattened, 10 by 8 inches, rough, lemon; flesh 2 inches thick, $\frac{3}{8}$ inch green rind and the rest salmon; edible, sweet.
140700. No. 6538. From Meshed, Khorassan, August 10, 1940. Fruit elongate, football-shaped, 14 by 7 inches, netted, green with yellow blotches; flesh $1\frac{1}{2}$ inch thick, crisp, green white.
140701. No. 6539. From Meshed, Khorassan, August 10, 1940. Fruit 12 by 9 inches, gold with fine dots of green, smooth except for coarse net at stem end; flesh $2\frac{1}{4}$ inches, green, juicy.
140702. No. 6540. From Meshed, Khorassan, August 10, 1940. Fruit globose, 7 inches, coarse net, green white with indented lead-green ribs and darker mottling; flesh 2 inches thick, creamy, juicy.
140703. No. 6541. From Meshed, Khorassan, August 10, 1940. Fruit football-shaped, 14 by 8 inches, lead green with well-marked indented ribs; flesh 2 inches thick, salmon.
140704. No. 6546. From Meshed, Khorassan, August 10, 1940. Fruit globose, 8 inches across, coarse, heavy net, black green with faintly indented broad stripes of lead green; flesh 2 inches thick, salmon.
140705. No. 6547. From Meshed, Khorassan, August 10, 1940. Fruit pointed at stem end, 16 by $6\frac{1}{2}$ inches, green with indented paler ribs; flesh $2\frac{1}{4}$ inches thick, green white, juicy. A popular sort.
140706. No. 6548. From Meshed, Khorassan, August 10, 1940. Fruit football-shaped, 12 inches long, green turning yellow with deep-green ribs; flesh 2 inches thick, whitish, crisp, especially sweet.
140707. No. 6549. From Meshed, Khorassan, August 10, 1940. Fruit 10 by 7 inches, rounded ends, yellow and green with broad, faintly indented ribs of gray green; flesh $1\frac{3}{4}$ inches thick, salmon.
140708. No. 6550. From Meshed, Khorassan, August 10, 1940. Fruit 13 by $6\frac{1}{2}$ inches, lemon with narrow rib lines of green; flesh $1\frac{3}{4}$ inches thick, white, juicy.
140709. No. 6551. From Meshed, Khorassan, August 10, 1940. Fruit globose, 7 inches across, with large navel, white green, spotted and blotched with two shades of green and orange; flesh 2 inches thick, salmon.
140710. No. 6558. From Meshed, Khorassan, August 11, 1940. Fruit $13\frac{1}{2}$ by 7 inches, deeply indented ribs unmarked, heavy green clouding and netting of yellow; flesh $1\frac{3}{4}$ inches thick, whitish, crisp.
140711. No. 6559. From Meshed, Khorassan, August 11, 1940. Fruit $15\frac{3}{4}$ by $6\frac{1}{4}$ inches, heavy, coarse, green turning yellow; flesh $1\frac{3}{4}$ inches thick, greenish.
140712. No. 6560. From Meshed, Khorassan, August 11, 1940. Fruit $10\frac{1}{2}$ by 8 inches, black green with paler indented ribs; flesh $1\frac{3}{4}$ inches thick, green.
140713. No. 6561. From Meshed, Khorassan, August 11, 1940. Fruit $16\frac{3}{4}$ by $6\frac{1}{4}$ inches, lemon, coarse strong net; flesh $1\frac{3}{4}$ inches thick, creamy white, indifferent.

140629 to 140901—Continued

140714. No. 6562. From Meshed, Khorassan, August 11, 1940. Fruit $12\frac{1}{2}$ by $6\frac{1}{2}$ inches, green black, smooth except for netting on the lead-green rib line; flesh $1\frac{1}{4}$ inches thick, salmon.
140715. No. 6563. From Meshed, Khorassan, August 11, 1940. Fruit football-shaped, 11 by 7 inches, black green and gold, smooth with coarse net line of lead green; flesh half green, half salmon.
140716. No. 6564. From Meshed, Khorassan, August 11, 1940. Fruit subglobose, 8 inches in diameter, yellow green with faint indented ribs of green; flesh 2 inches thick, whitish, crisp.
140717. No. 6566. From Meshed, Khorassan, August 11, 1940. Fruit globose, 9 inches in diameter, coarse net, heavy around stem end, lemon; flesh 2 inches thick, whitish, exceptionally sweet.
140718. No. 6567. From Meshed, Khorassan, August 11, 1940. Fruit 13 by 5 inches, heavy net, green turning yellow; flesh $1\frac{1}{4}$ inches thick, crisp, sweet.
140719. No. 6568. From Meshed, Khorassan, August 11, 1940. Fruit elongate, football-shaped, 11 inches long, black green with broken stripes of yellow; flesh $1\frac{1}{2}$ inches thick, salmon.
140720. No. 6569. From Meshed, Khorassan, August 11, 1940. Fruit elongate, football-shaped, 13 inches long, black green turning orange, with broken rib stripes of yellow; flesh $1\frac{1}{2}$ inches thick, green white.
140721. No. 6570. From Meshed, Khorassan, August 11, 1940. Fruit flattened, 8 by $5\frac{1}{2}$ inches, heavy, coarse net obscuring ground of yellow and green; flesh 2 inches thick, salmon.
140722. No. 6571. From Meshed, Khorassan, August 11, 1940. Fruit flattened, 6 by 5 inches, fine, dense net over ground of green and yellow; flesh $1\frac{1}{4}$ inches thick, white.
140723. No. 6573. From Meshed, Khorassan, August 11, 1940. Fruit 12 by 7 inches, yellow, heavily netted; flesh $1\frac{1}{2}$ inches thick, white.
140724. No. 6574. From Meshed, Khorassan, August 11, 1940. Fruit 16 by 6 inches, orange; flesh 2 inches thick, green white; hard rind.
140725. No. 6575. From Meshed, Khorassan, August 11, 1940. Fruit 13 by 7 inches, orange red, smooth, hard-shelled; flesh $1\frac{3}{4}$ inches thick, orange, attractive.
140726. No. 6576. From Meshed, Khorassan, August 11, 1940. Fruit 14 by 5 inches, pale yellow; flesh $1\frac{1}{4}$ inches thick, green white, very sweet.
140727. No. 6577. From Meshed, Khorassan, August 11, 1940. Fruit football-shaped; 10 inches long, deeply indented yellow rib lines on green ground, traces of net; flesh green, $1\frac{1}{4}$ inches thick, good.
140728. No. 6578. From Meshed, Khorassan, August 11, 1940. Fruit globose, 6 inches across, creamy yellow, heavily netted; flesh $1\frac{1}{4}$ inches thick, pale salmon.
140729. No. 6579. From Meshed, Khorassan, August 11, 1940. Fruit 9 by 6 inches, pale yellow with broad, slightly indented white ribs; flesh whitish, $1\frac{1}{4}$ inches thick.
140730. No. 6580. From Meshed, Khorassan, August 11, 1940. Fruit football-shaped, 13 inches long, yellow with fine dots and blotches of green, with broad rib lines of pale yellow; flesh $1\frac{1}{2}$ inches thick, green white.
140731. No. 6581. From Meshed, Khorassan, August 11, 1940. Fruit subglobose, 8 inches in diameter, lemon, hard-shelled; flesh $1\frac{1}{2}$ inches thick, green.
140732. No. 6582. From Meshed, Khorassan, August 11, 1940. Fruit subglobose, 5 inches in diameter, lemon, sparse net; flesh $1\frac{1}{4}$ inches thick, white; hard shell.
140733. No. 6583. From Meshed, Khorassan, August 11, 1940. Fruit ovoid, 6 inches long, yellow, sparse net; flesh $1\frac{1}{4}$ inches thick, salmon.

140629 to 140901—Continued

140734. No. 6584. From Meshed, Khorassan, August 11, 1940. Fruit 12 by 5 inches, yellow with broad rib lines of green, netted; flesh $1\frac{1}{4}$ inches thick, green, crisp.
140735. No. 6586. From Meshed, Khorassan, August 11, 1940. Fruit ovoid, 9 inches long, orange yellow with fine green dots and blotch stripes of green, hard-shelled; flesh green white to salmon, $1\frac{3}{4}$ inches thick.
140736. No. 6589. From Meshed, Khorassan, August 11, 1940. Fruit subglobose, 9 inches across, yellow orange with coarse netting; flesh $1\frac{1}{2}$ inches thick, green white, juicy.
140737. No. 6590. From Meshed, Khorassan, August 11, 1940. Fruit 10 by 6 inches, fairly smooth except for coarse netting around stem end, mixed dots of green and yellow; flesh $1\frac{1}{2}$ inches thick; green, crisp.
140738. No. 6591. From Meshed, Khorassan, August 11, 1940. Fruit globose, 7 inches in diameter, smooth, pale yellow with green rib lines and blotches of green and orange; flesh salmon, $\frac{3}{4}$ inch thick.
140739. No. 6592. From Meshed, Khorassan, August 11, 1940. Fruit 13 by 5 inches, orange green, netted weakly; flesh green, crisp; $1\frac{3}{4}$ inches thick.
140740. No. 6593. From Meshed, Khorassan, August 11, 1940. Fruit subglobose, 9 inches long, yellow white with scattered and unequal lines of green; flesh 2 inches thick, pale salmon.
140741. No. 6594. From Meshed, Khorassan, August 11, 1940. Fruit flattened, 7 by 5 inches, pale yellow with somewhat indented ribs of white; flesh 2 inches thick, salmon, insipid.
140742. No. 6595. From Meshed, Khorassan, August 11, 1940. Fruit subglobose, 7 inches across, pale yellow blotched with orange, with broad indented yellow ribs on the general ground; flesh 2 inches thick, salmon.
140743. No. 6596. From Meshed, Khorassan, August 11, 1940. Fruit 8 by 6 inches, smooth, yellow orange with green blotches and rib lines; flesh $1\frac{1}{2}$ inches thick, pale salmon.
140744. No. 6597. From Meshed, Khorassan, August 11, 1940. Fruit pointed at both ends, 12 by 5 inches, orange yellow clouded green, with broad rib lines of two shades of green; flesh $1\frac{1}{2}$ inches thick, green.
140745. No. 6598. From Meshed, Khorassan, August 11, 1940. Fruit subglobose, 8 inches across, lemon-clouded green with irregular and broken rib lines of yellow; flesh 2 inches thick, pale salmon.
140746. No. 6599. From Meshed, Khorassan, August 11, 1940. Fruit globose, 6 inches in diameter, mottled green and yellow, with broad lead-green, slightly indented ribs; flesh $1\frac{1}{2}$ inches thick, salmon, excellent.
140747. No. 6600. From Meshed, Khorassan, August 11, 1940. Fruit ovoid, 10 inches long, sparse net, lemon yellow washed green in places, with lead-green indented rib lines; flesh white, crisp, $1\frac{1}{2}$ inch thick.
140748. No. 6601. From Meshed, Khorassan, August 11, 1940. Fruit obovoid, 10 inches long, pale yellow, heavily netted with indented ribs of green white; flesh $1\frac{1}{2}$ inches thick, firm, white, crisp.
140749. No. 6602. From Meshed, Khorassan, August 11, 1940. Fruit 12 by 5 inches, lemon, coarsely and sparsely netted; flesh $1\frac{1}{2}$ inches thick, green white, crisp.
140750. No. 6603. From Meshed, Khorassan, August 11, 1940. Fruit globose, 10 inches in diameter, green white with black-green blotches and broad lead-green ribs; flesh salmon, 2 inches thick.
140751. No. 6610. From Meshed, Khorassan, August 12, 1940. Fruit slightly flattened, 6 inches across, lead green with darker indented ribs; flesh $1\frac{1}{4}$ inches thick, green.
140752. No. 6636. From Meshed, Khorassan, August 12, 1940. Farmer's mixture.

140629 to 140901—Continued

140753. No. 6700. From Karizinu, Khorassan, August 21, 1940. Fruit globose, 8 inches in diameter, pale yellow, spotted and mottled with green, smooth; flesh $1\frac{1}{2}$ inches thick, white, sweet.
140754. No. 6702. From Turbati Shaikh Jam, Khorassan, August 21, 1940. Fruit subglobose, 10 inches long, yellow clouded with green, smooth; flesh $2\frac{1}{4}$ inches thick, salmon.
140755. No. 6703. From Turbati Shaikh Jam, Khorassan, August 21, 1940. Fruit subglobose, 10 inches long, deeply ribbed, green yellow; flesh 3 to $3\frac{3}{4}$ inches thick, greenish white, fine honeydew flavor.
140756. No. 6704. From Turbati Shaikh Jam, Khorassan, August 21, 1940. Fruit 10 by 6 inches, creamy; conspicuous ribs; flesh cream, $1\frac{1}{4}$ inches thick.
140757. No. 6705. From Turbati Shaikh Jam, Khorassan, August 21, 1940. Fruit football-shaped, 12 inches long, ribbed, green turning orange yellow; flesh $1\frac{1}{2}$ inches thick, white, good.
140758. No. 6706. From Turbati Shaikh Jam, Khorassan, August 21, 1940. Fruit obovoid, 11 inches long, lemon, surface rough, firm rind; flesh $1\frac{3}{4}$ inches thick, green white. Good keeper.
140759. No. 6719. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit 10 by 4 inches, green turning yellow with broad gray-green rib lines; flesh $1\frac{1}{4}$ inches thick, cream white.
140760. No. 6728. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit 12 by 5 inches, black green with coarse, heavy netting; flesh $1\frac{1}{2}$ inches thick, green white, picked green.
140761. No. 6729. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit 9 by $4\frac{1}{2}$ inches, lead green with thin, dark-green ribs; flesh $1\frac{1}{4}$ inches thick, crisp, green, sweet.
140762. No. 6730. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit football-shaped, 9 inches long, pale lemon with indented green ribs, around which are grass-green, irregular stripes; flesh $1\frac{1}{4}$ inches thick, white.
140763. No. 6731. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit subglobose, 7 inches long, yellowish white with slightly indented green-white ribs, the body spotted with orange and green; flesh $1\frac{1}{2}$ inches thick, green white, excellent.
140764. No. 6732. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit 9 by 4 inches, green with black dots and blotches, broad slightly indented gray-green rib lines; flesh $1\frac{1}{4}$ inches thick, green, crisp.
140765. No. 6733. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit subglobose, 8 inches long, white with black-green mottling, green-white ribs; flesh $1\frac{3}{4}$ inches thick, greenish, fine.
140766. No. 6734. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit subglobose, yellow spotted with green and orange, green-white slightly indented ribs; flesh $1\frac{1}{2}$ inches thick, white.
140767. No. 6735. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit football-shaped, 8 inches long, lemon with green ribs; flesh $1\frac{3}{4}$ inches thick, creamy white.
140768. No. 6736. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit football-shaped, 12 inches long, pale green, not netted but a bit rough; flesh 2 inches thick, whitish.
140769. No. 6737. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit football-shaped, 10 inches long, not netted but irregular surface, pale yellow; flesh $1\frac{1}{2}$ inches thick, white.
140770. No. 6738. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit football-shaped, 10 inches long, no netting but rough surface, pale lemon; flesh 2 inches thick, salmon; hard rind.

140629 to 140901—Continued

140771. No. 6739. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit 12 by 6½ inches, cream with deeply indented paler ribs; flesh 2 inches thick, white.
140772. No. 6740. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 7 inches in diameter, smooth, cream with green, indented ribs; flesh 2 inches thick, white, unripe.
140773. No. 6741. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit obovoid, 12 inches long, green turning yellow, smooth; flesh 1¾ inches thick, white.
140774. No. 6742. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit football-shaped, 12 inches long, smooth, green; flesh cream, crisp, 2 inches thick.
140775. No. 6743. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit ovoid, 8 inches long, green turning yellow, smooth; flesh 2¼ inches thick, white.
140776. No. 6744. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit ovoid, 8½ inches long, hard-shelled, coarse net on stem end, green yellow, nearly obscured by green dots; flesh 2 inches thick, salmon.
140777. No. 6745. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit football-shaped, 10 inches long, green, with slightly indented green-white ribs; flesh 2 inches thick, green white.
140778. No. 6746. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit obovoid, 7 inches long, lemon, with green and green-white dots, slightly indented ribs; flesh 1½ inches thick, green.
140779. No. 6747. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit 11 by 5 inches, pale lemon with broad blotches and stripes of black; flesh 1¾ inches thick, green.
140780. No. 6748. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit ovoid, 11 inches long, creamy yellow, smooth; flesh 1¾ inches thick, creamy.
140781. No. 6749. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit subglobose, 7 inches long, smooth, pale yellow with slightly indented white ribs; flesh 2¼ inches thick, green.
140782. No. 6750. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit ovoid, lemon, smooth, 9 inches long; flesh white, 2 inches thick.
140783. No. 6751. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit subglobose, 7 inches long, smooth, orange yellow with some green clouding; flesh 1½ inches thick, salmon.
140784. No. 6752. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit ovoid, 11 inches long, smooth except for coarse netting at stem end, grass green with black-green blotches; flesh 2 inches thick, creamy.
140785. No. 6753. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 7 inches in diameter, green white, smooth; flesh 2 inches thick, pale green.
140786. No. 6755. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit globose, 6 inches across, smooth, lemon with narrow broken green-black ribs; flesh 1¾ inches thick, cream green.
140787. No. 6756. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit 14 by 7½ inches, pale yellow green with dotting of black green; ribs green, indented; flesh 2 inches thick, green white.
140788. No. 6757. From Turbati Shaikh Jam, Khorassan, August 22, 1940. Fruit football-shaped, 10 inches long, black green, mottled whitish, smooth; flesh 1½ inches thick, green-white.
140789. No. 6760. From Turbati Shaikh Jam, Khorassan, August 23, 1940. Fruit ovoid, 8 inches long, lemon with green dots, coarse net around stem end; flesh 2 inches thick, cream.
140790. No. 6761. From Ahmedabad, Khorassan, August 23, 1940. Fruit football-shaped, 12 inches long, no net, furrowed surface, pale lemon with green dots; flesh 2 inches thick, white; firm rind.

140629 to 140901—Continued

140791. No. 6762. From Ahmedabad, Khorassan, August 23, 1940. Fruit football-shaped, 10 inches long, smooth, pale yellow, with orange and green blotches, green ribs; flesh 2 inches thick, fine, white.
140792. No. 6763. From Ahmedabad, Khorassan, August 23, 1940. Fruit elongate, football-shaped, 10 inches long, lemon with green spots, coarse net on stem end; flesh 2 inches thick, creamy white.
140793. No. 6764. From Ahmedabad, Khorassan, August 23, 1940. Fruit elongate football-shaped, 12 inches long, smooth, green white with pale green ribs edged by broken deep-green elongate blotches; flesh $1\frac{1}{2}$ inches thick, green white, crisp.
140794. No. 6765. From Ahmedabad, Khorassan, August 23, 1940. Fruit football-shaped, 7 inches long, smooth, lemon; indented ribs netted and edged by irregular black-green blotches; shell hard; flesh green white, 2 inches thick.
140795. No. 6766. From Ahmedabad, Khorassan, August 23, 1940. Fruit globose, 9 inches in diameter, pale yellow with fine green dots, slightly indented broad ribs of lead green; smooth; flesh $2\frac{1}{4}$ inches thick, green white.
140796. No. 6767. From Turbati Shaikh Jam, Khorassan, August 23, 1940. A small sort said to ripen in 40 days; belong mostly to the Turkoman group that do not separate from the stem when ripe.
140797. No. 6796. From Meshed, Khorassan, August 24, 1940. Fruit flattened 5 by 4 inches, heavy ribs, ground yellow; flesh $1\frac{1}{4}$ inches thick, cream, insipid.
140798. No. 6797. From Meshed, Khorassan, August 24, 1940. Fruit globose, 5 inches in diameter, orange, heavily netted; flesh $1\frac{1}{4}$ inches thick, orange.
140799. No. 6798. From Meshed, Khorassan, August 24, 1940. Fruit 12 by 7 inches, lemon, coarse, sparse net; hard rind, saved for fall; flesh 2 inches thick, green.
140800. No. 6802. From Maina, Khorassan, August 26, 1940. Fruit globose, 8 inches in diameter, pale green with broad slightly indented ribs of same, heavily dotted with black green; flesh 2 inches thick, salmon.
140801. No. 6803. From Maina, Khorassan, August 26, 1940. Fruit subglobose, 6 by 5 inches, somewhat flattened, netted finely over surface, coarsely over the ribs, green; flesh $1\frac{3}{4}$ inches thick, salmon.
140802. No. 6804. From Gunabad, Khorassan, August 26, 1940. Fruit pointed at both ends, 20 by 9 inches, coarsely and sparsely netted, pale green turning yellow, with irregular black-green blotches; flesh 2 inches thick, green white, crisp.
140803. No. 6806. From Gunabad, Khorassan, August 26, 1940. Fruit football-shaped, 10 inches long, not netted but surface somewhat furrowed, pale yellow; flesh 2 inches thick, salmon.
140804. No. 6807. From Gunabad, Khorassan, August 26, 1940. Fruit football-shaped, 10 inches long, firm shell, green turning lemon; flesh white, 2 inches thick.
140805. No. 6808. From Gunabad, Khorassan, August 26, 1940. Fruit elongate, 10 by 7 inches, pale green with broad grass-green ribs; flesh 2 inches thick, cream.
140806. No. 6823. From Firdus, Khorassan, August 27, 1940.
140807. No. 6826. From Firdus, Khorassan, August 27, 1940. Fruit pointed at both ends, 18 by 9 inches, green with paler dots, broad ribs of gray green; flesh $1\frac{1}{2}$ inches thick, greenish, crisp.
140808. No. 6832. From Firdus, Khorassan, August 28, 1940. Fruit pointed at both ends, 16 by 7 inches, green with fine dots; turning orange; flesh green.
140809. No. 6841. From Dahuk, Khorassan, August 31, 1940. Fruit football-shaped, 10 inches long, black-green with indented ribs, smooth; flesh $1\frac{1}{2}$ inches thick, green white.
140810. No. 6842. From Dahuk, Khorassan, August 31, 1940. Fruit 10 by 6 inches, lemon with broad, broken blotch ribs of black green; flesh $1\frac{1}{2}$ inches thick, green.

140629 to 140901—Continued

140811. No. 6851. From Tabas, Khorassan, August 31, 1940. Fruit 6 by 4 inches, green white with fine green dots; flesh $1\frac{1}{4}$ inches thick, creamy white.
140812. No. 6852. From Tabas, Khorassan, August 31, 1940. Fruit 6 by 4 inches, pale yellow nearly obscured by black marbling, smooth; flesh $1\frac{1}{8}$ inches thick, green.
140813. No. 6884. From Khaur, Khorassan, September 6, 1940. Fruit football-shaped, smooth, lemon, 14 inches long; flesh creamy white, crisp.
140814. No. 6885. From Khaur, Khorassan, September 6, 1940. Fruit like No. 6884, but flesh deep salmon.
140815. No. 6886. From Khaur, Khorassan, September 6, 1940. Fruit football-shaped, smooth, 14 inches long, deep gold; flesh $1\frac{1}{2}$ inches thick, salmon, crisp.
140816. No. 6906. From Tabas, Khorassan, September 6, 1940.
140817. No. 6930. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 14 by 5 inches, coarsely netted, pale lemon with green dots; flesh 2 inches thick, green, crisp.
140818. No. 6931. From Turbat Haidari, Khorassan, September 11, 1940. Fruit football-shaped, 12 inches long, smooth, lemon; flesh 2 inches thick, white.
140819. No. 6932. From Turbat Haidari, Khorassan, September 11, 1940. Fruit football-shaped, 10 inches long, smooth, lemon; flesh 2 inches thick, salmon.
140820. No. 6933. From Turbat Haidari, Khorassan, September 11, 1940. Fruit football-shaped, 13 by $6\frac{1}{2}$ inches, pale lemon, smooth; flesh $1\frac{3}{4}$ inches thick, pale green.
140821. No. 6934. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 15 by 6 inches, black green with indented ribs of mottled pale green; flesh $2\frac{1}{4}$ inches thick, pale green.
140822. No. 6935. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 12 by 6 inches, black green with narrow paler ribs, smooth; flesh $1\frac{1}{2}$ inches thick, salmon.
140823. No. 6936. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 15 by $5\frac{1}{2}$ inches, smooth, grass green with broader paler stripes; flesh 2 inches thick, white.
140824. No. 6937. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 16 by $5\frac{1}{2}$ inches, green white with coarse black-green spots; flesh 2 inches thick, green.
140825. No. 6938. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 16 by 5 inches, coarsely netted, pale yellow, heavily mottled green, lighter over the broad slightly indented ribs; flesh green, 2 inches thick.
140826. No. 6939. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 12 by 5 inches, smooth, pale green white with green spots and broad, broken black rib bands; flesh $1\frac{3}{4}$ inches thick, green.
140827. No. 6940. From Turbat Haidari, Khorassan, September 11, 1940. Fruit smooth, 14 by 5 inches, pale lemon with paler indented ribs; flesh 2 inches thick, cream.
140828. No. 6941. From Turbat Haidari, Khorassan, September 11, 1940. Fruit football-shaped, 12 inches long, nearly smooth, green white with black-green spots; flesh salmon, 2 inches thick.
140829. No. 6942. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 12 by 6 inches, lemon with black-green spots and broken blotch stripes of the same; flesh 2 inches thick, green white.
140830. No. 6943. From Turbat Haidari, Khorassan, September 11, 1940. Fruit 12 by 6 inches, smooth, pale lemon with blotchings and spots of dark green, with broad lead-green rib stripes; flesh 2 inches thick, green white.

140629 to 140901—Continued

140831. No. 6982. From Turbat Haidari, Khorassan, September 12, 1940. Fruit subglobose, 8 inches long, pale yellow with fine pale-green dots; flesh 2 inches thick, white, crisp.
140832. No. 6983. From Turbat Haidari, Khorassan, September 12, 1940. Fruit 12 by 5 inches, black green with lead-green rib stripes, more or less netted; flesh 2 inches thick, green.
140833. No. 6984. From Turbat Haidari, Khorassan, September 12, 1940. Fruit 14 by 5 inches, obscurely netted, pale yellow with fine green dots; flesh $1\frac{1}{4}$ inches thick, green.
140834. No. 6985. From Turbat Haidari, Khorassan, September 12, 1940. Fruit 11 by 5 inches, pale green turning yellow with green spots, slightly indented rib lines of lead green; flesh $1\frac{3}{4}$ inches thick, green.
140835. No. 6986. From Turbat Haidari, Khorassan, September 12, 1940. Fruit like No. 6985, but with sweeter white flesh.
140836. No. 6987. From Turbat Haidari, Khorassan, September 12, 1940. Fruit football-shaped, 10 inches long, lemon, coarsely netted; flesh $1\frac{3}{4}$ inches thick, white.
140837. No. 6988. From Turbat Haidari, Khorassan, September 12, 1940. Fruit football-shaped, 10 inches long, pale green with darker dots, coarsely netted; flesh 2 inches thick, cream.
140838. No. 6995. From Turbat Haidari, Khorassan, September 12, 1940. Said to be an early sort, green-fleshed.
140839. No. 6996. From Turbat Haidari, Khorassan, September 12, 1940. Said to be an early variety.
140840. No. 6997. From Turbat Haidari, Khorassan, September 12, 1940. Said to be an early sort, globose, orange.
140841. No. 7027. From Turbat Haidari, Khorassan, September 12, 1940. Fruit pointed at both ends, 18 inches long, lemon with green spots, raised black-green blotches, not netted; flesh $1\frac{3}{4}$ inches thick, green.
140842. No. 7070. From Turbat Haidari, Khorassan, September 13, 1940. A farmer's sample; excellent.
140843. No. 7077. From Turbat Haidari, Khorassan, September 13, 1940. Fruit 15 by 10 inches, heavily netted, green turning yellow in blotches; flesh $2\frac{1}{2}$ inches thick, salmon.
140844. No. 7082. From Meshed, Khorassan, September 15, 1940. Fruit 11 by 9 inches, heavily netted, lemon with green spots; flesh $2\frac{1}{2}$ to 3 inches thick, green at rind, becoming whitish at center; rind hard. Good keeper.
140845. No. 7083. From Meshed, Khorassan, September 15, 1940. Fruit 14 by 7 inches, heavily netted, green turning yellow; flesh $1\frac{1}{2}$ inches thick, salmon, very fragrant, sweet; hard shell, long keeper.
140846. No. 7084. From Meshed, Khorassan, September 15, 1940. Fruit football-shaped, 12 inches long, yellow, sparsely netted with elongate broken blotches of green; flesh 2 inches thick, cream, sweet.
140847. No. 7085. From Meshed, Khorassan, September 15, 1940. Fruit 18 by 6 inches, strongly netted, green; flesh 2 inches thick, green, crisp, sweet; hard shell, good keeper.
140848. No. 7086. From Meshed, Khorassan, September 16, 1940. Fruit football-shaped, 10 inches long, gold, hard shell, smooth; flesh 2 inches thick, white.
140849. No. 7088. From Meshed, Khorassan, September 16, 1940. Fruit 12 by 6 inches, cream, smooth, soft shell; flesh $1\frac{1}{2}$ inches thick, white.
140850. No. 7089. From Meshed, Khorassan, September 16, 1940. Fruit football-shaped, $7\frac{1}{2}$ inches long, heavily netted, green with yellowish indented ribs; flesh $1\frac{3}{4}$ inches thick, salmon, crisp. Good keeper.

140629 to 140901—Continued

140851. No. 7090. From Meshed, Khorassan, September 16, 1940. Fruit football-shaped, 12 inches long, pale yellow dotted green; flesh 2 inches thick, green.
140852. No. 7091. From Meshed, Khorassan, September 16, 1940. Fruit football-shaped, 11 inches long, smooth, green white with darker green and yellow blotches; flesh $\frac{3}{4}$ inch thick, salmon, melting.
140853. No. 7092. From Meshed, Khorassan, September 16, 1940. Fruit globose, 9 inches in diameter, pale yellow with broad, slightly indented pale-green ribs; flesh $1\frac{3}{4}$ inches thick, white, crisp; soft shell, good keeper.
140854. No. 7093. From Meshed, Khorassan, September 16, 1940. Fruit ovoid, 10 inches long, coarsely netted, gold, hard shell; flesh 2 inches thick, salmon; good keeper.
140855. No. 7094. From Meshed, Khorassan, September 16, 1940. Fruit 11 by 8 inches, coarse, strong netting, green; flesh 2 inches thick, white, crisp.
140856. No. 7095. From Meshed, Khorassan, September 16, 1940. Fruit 12 by 7 inches, green, hard shell; flesh $1\frac{3}{4}$ inches thick, green white, crisp; good keeper.
140857. No. 7096. From Meshed, Khorassan, September 16, 1940. Fruit ovoid, 10 inches long, gold with fine green dots, coarse net over stem end, hard shell; flesh $2\frac{1}{4}$ inches thick, white, melting; good keeper.
140858. No. 7097. From Meshed, Khorassan, September 16, 1940. Fruit 10 by $6\frac{1}{2}$ inches, irregular and deeply ribbed, canary yellow, firm shell; flesh $1\frac{1}{2}$ inches thick, cream; good keeper.
140859. No. 7110. From Nishabur, Khorassan, September 19, 1940. Fruit somewhat flattened, 6 by 5 inches, dark blue with black dots and broad green ribs; flesh 2 inches thick, green.
140860. No. 7112. From Nishabur, Khorassan, September 20, 1940. Fruit 9 by 7 inches, black green turning yellow with broad pale ribs, coarsely netted; flesh 2 inches thick, yellow green.
140861. No. 7113. From Nishabur, Khorassan, September 20, 1940. Fruit 14 by 6 inches, coarsely netted, lemon with green ribs; flesh $1\frac{3}{4}$ inches thick, green.
140862. No. 7114. From Nishabur, Khorassan, September 20, 1940. Fruit 14 by 7 inches, heavily netted, lemon; flesh 2 inches thick, cream green.
140863. No. 7124. From Nishabur, Khorassan, September 20, 1940. A farmer's mixture.
140864. No. 7150. From Sultanabad, Khorassan, September 22, 1940. Fruit football-shaped, 12 inches long, surface not netted, lemonlike with irregular indented gray-green dots, elongate irregular dark-green blotches along the ribs; flesh $2\frac{1}{4}$ inches thick, salmon, sweet, crisp, distinctive.
140865. No. 7152. From Sultanabad, Khorassan, September 22, 1940. Fruit football-shaped, 11 inches long, smooth with broad deeply indented ribs; pale yellow green with dark dots and broken stripes of the same on either side of the ribs; flesh $1\frac{1}{2}$ inches thick, salmon.
140866. No. 7157. From Sabzawar, Khorassan, September 22, 1940. Fruit football-shaped, 10 inches long, pale green with darker dots; flesh 2 inches thick, cream.
140867. No. 7158. From Sabzawar, Khorassan, September 22, 1940. Fruit $12\frac{1}{2}$ by 5 inches, yellow green with slightly indented gray ribs; flesh cream green, $1\frac{1}{2}$ inches thick.
140868. No. 7168. From Sabzawar, Khorassan, September 23, 1940. Fruit football-shaped, 10 inches long, firm shell, traces of net, yellow; flesh cream white, $1\frac{3}{4}$ inches thick, good keeper.
140869. No. 7169. From Sabzawar, Khorassan, September 23, 1940. Fruit 8 by $4\frac{1}{2}$ inches, yellow with traces of slightly indented green ribs; flesh $1\frac{1}{2}$ inches thick, white.

140629 to 140901—Continued

140870. No. 7170. From Sabzawar, Khorassan, September 23, 1940. Fruit football-shaped, 11 inches long, lemon clouded with black-green dots and elongate irregular blotches of the same; rind firm, $\frac{1}{2}$ inch thick; flesh 2 to 3 inches thick, salmon, sweet; keep into winter.
140871. No. 7171. From Sabzawar, Khorassan, September 23, 1940. Fruit football-shaped to ovoid, 9 inches long, pale yellow clouded with fine black dots and elongate broken blotches of the same; flesh 2 inches thick, salmon; good keeper.
140872. No. 7179. From Sabzawar, Khorassan, September 23, 1940. A farmer's mixture.
140873. No. 7205. From Shahrud, Khorassan, September 26, 1940. Fruit globose, heavily netted, 6 inches in diameter, green turning yellow; flesh $1\frac{3}{4}$ inches thick, salmon.
140874. No. 7206. From Shahrud, Khorassan, September 26, 1940. Fruit subglobose, 6 inches long, heavily netted, yellow with green dots and splashes; flesh $1\frac{1}{2}$ inches thick, cream, unripe when seen.
140875. No. 7207. From Shahrud, Khorassan, September 26, 1940. Fruit globose, 6 inches in diameter, yellow with irregular long splashes of grass green; heavy net; flesh $1\frac{1}{2}$ inches thick, cream, unripe.
140876. No. 7208. From Shahrud, Khorassan, September 26, 1940. Fruit football-shaped, 10 inches long, lemon with fine dots and splashes of black green; flesh $1\frac{1}{2}$ inches thick, green, tinged salmon.
140877. No. 7209. From Shahrud, Khorassan, September 26, 1940. Fruit globose, 6 inches in diameter, lemon, coarsely netted; flesh $1\frac{1}{2}$ inches thick, white, unripe.
140878. No. 7210. From Shahrud, Khorassan, September 26, 1940. Fruit 12 by 5 inches, coarsely netted, green with yellow dots; flesh, $1\frac{1}{2}$ inches thick, green, unripe.
140879. No. 7211. From Shahrud, Khorassan, September 26, 1940. Fruit obovoid, 8 inches long, coarsely netted; fine yellow and green dots; flesh $1\frac{3}{4}$ inches thick, white.
140880. No. 7212. From Shahrud, Khorassan, September 26, 1940. Fruit elongate ovoid, 10 inches long, lemon; flesh $1\frac{1}{4}$ inches thick, green, unripe.
140881. No. 7219. From Shahrud, Khorassan, September 27, 1940. Fruit football-shaped, 12 inches long, netted, lemon with grass-green dots; irregular indented ribs; flesh 2 inches thick, white, unripe.
140882. No. 7224. From Gurgan, September 29, 1940. Fruit flattened, 7 by 6 inches, gold clouded with brown; flesh $1\frac{3}{4}$ inches thick, rather like a pear in flavor.
140883. No. 7231. From Shahrud, Khorassan, September 27, 1940. A melon mixture for the colder parts of the melon zone where the usual Turkoman melon does not mature.
140884. No. 7272. From Garmsar, Tehran, October 2, 1940. Fruit 15 by 7 inches, yellow, netted; flesh $2\frac{1}{2}$ inches thick, white, juicy, crisp, fairly sweet.
140885. No. 7278. From Tehran, October 6, 1940. Fruit 5 by $3\frac{1}{2}$ inches, striped yellow and gold brown; flesh $1\frac{1}{4}$ inches thick, white, fragrant, edible.
140886. No. 7283. From Gurgan, October 1, 1940. Fruit flattened, 6 by 5 inches, gold to gold brown; flesh white, good flavor, keeps for several months.
140887. No. 7284. From Meshed, Khorassan, September 18, 1940.
- 140888 to 140901. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.
140888. No. 5919. *Balang*. From Ahwaz, Khuzistan, April 20, 1940. Fruit short, about 6 inches long, yellow green; tender, flavor good.
140889. No. 6199. *Khiyarisalz*. From Tehran, June 19, 1940. Fruit 6 by $2\frac{1}{2}$ inches, elongate, round ends; tender, quality excellent.

140629 to 140901—Continued

140890. No. 6300. *Khiyar*. From Gurgan, July 12, 1940. Fruit 13 by $5\frac{3}{4}$ inches, russet; good quality when young.
140891. No. 6382. *Khiyar-i-chanbar*. From Gurgan, July 28, 1940. Fruit 8 inches long, small; quality excellent.
140892. No. 6520. *Khiyar*. From Bujmerd, August 8, 1940. Fruit 8 by 5 inches, well-formed, smooth with inconspicuous spines; quality good.
140893. No. 6655. *Khiyar*. From Meshed, Khorassan, August 13, 1940. Fruit 7 inches long, cylindrical; quality good.
140894. No. 6722. *Khiyar*. From Turbati Shaikh Jam, Khorassan, August 23, 1940.
140895. No. 6821. *Khiyar*. From Firdus, Khorassan, August 27, 1940.
140896. No. 6907. *Khiyar*. From Tabas, Khorassan, September 8, 1940. Fruit 7 inches long, rounded at both ends; quality excellent.
140897. No. 6966. *Khiyar*. From Turbati Haidari, Khorassan, September 11, 1940. Fruit 9 by $4\frac{1}{2}$ inches, russet; tender, quality excellent.
140898. No. 7052. *Khiyar*. From Turbati Haidari, Khorassan, September 13, 1940. Fruit short, green; quality excellent.
140899. No. 7135. *Khiyar*. From Nishabur, Khorassan, September 20, 1940. Fruit 5 inches long, blunt round ends; flavor and texture excellent.
140900. No. 7195. *Khiyar*. From Sabzawar, Khorassan, September 24, 1940. Fruit 5 inches long, smooth, symmetrical, flavor delicate.
140901. No. 7239. *Khiyar*. From Shahrud, Khorassan, September 27, 1940. Fruit 6 inches long, usually cylindrical, symmetrical, quality good.

140902 and 140903.

From Australia. Seeds presented by the Secretary of Agriculture, Hobart, Tasmania. Received March 31, 1940.

140902. AVENA BYZANTINA K. Koch. Poaceae.

Standard Algerian.

140903. AVENA BYZANTINA K. Koch.

Algerian Selection A 236.

For previous introduction see 135730.

140904 to 140947.

From Iran. Seeds presented by Walter Koelz, Bureau of Plant Industry, United States Department of Agriculture. Received March 24, 1941.

140904 to 1409014. ALLIUM spp. Liliaceae.

140904. [No Koelz number.]

140905. No. 6106. From Ti, Luristan, June 5, 1940. An allium $2\frac{1}{2}$ feet high, with rose-purple flowers in heads 3 inches in diameter; leaves probably broad.

140906. No. 6119. From Durud, Luristan, June 7, 1940. An allium 4 feet high, with rose-purple flowers in heads up to 4 inches in diameter; leaves broad.

140907. No. 6317. From Shahkuh, Mazenderan, July 17, 1940. An allium 18 inches high, with rose flowers in heads $1\frac{1}{2}$ inches in diameter.

140908. No. 6413. From Gumbatigabus, July 31, 1940. An allium 18 inches high, with white flowers in heads 1 inch in diameter.

140909. No. 6417. From Marave, Khorassan, July 31, 1940. A steppe plant 12 inches high, with flower head $1\frac{1}{2}$ inches in diameter.

140910. No. 6469. From Kataliyekchinar, Khorassan, August 4, 1940. A steppe plant about 2 feet high, with flower head 1 foot across; rather rare.

140904 to 140947—Continued

140911. No. 6688. From Bardu Forest, Khorassan, August 20, 1940. An allium about 3½ feet high, with a spindle-shaped swelling in middle of stem, 1½ inches through; flower heads 2½ inches in diameter.

140912. No. 6689. From Bardu Forest, Khorassan, August 20, 1940. An allium 2 feet high, with flower heads 2 inches in diameter.

140913. No. 6698. From Bardu, Khorassan, August 21, 1940. A field plant 3 feet high, with a flower head 2 inches in diameter.

140914. No. 7230. From Shahrud, Khorassan, September 26, 1940. A wild allium, growing in an orchard, 3 feet high, with flower head 1¼ inches across.

140915. ALTHEAEA sp. Malvaceae.

No. 7020. *Gulikhatmi*. From Turbati Haidari, Khorassan, September 12, 1940. A plant up to 6 feet high, with red-purple flowers 3½ inches across; leaves deeply palmate.

140916. ANCHUSA ITALICA Retz. Boraginaceae.

No. 6295. From Gurgan, June 11, 1940. A field weed 2 feet high, with attractive cobalt-blue flowers.

140917. ANTHEMIS RIGESCENS Willd. Asteraceae.

No. 6480. From Kataliyekchinar, Khorassan, August 5, 1940. A perennial daisy about 2 feet high.

140918. ASPARAGUS sp. Convallariaceae.

No. 6477. From Kataliyekchinar, Khorassan, August 5, 1940. A woody climber about 12 feet high, growing among the shrubs of a dry, rocky stream bed.

140919. CELTIS sp. Ulmaceae.

Hackberry.

No. 6468. From Kataliyekchinar, Khorassan, August 4, 1940. A densely branched tree, with a trunk about 18 inches in diameter; growing in a dry, rocky place.

140920. CELTIS sp.

No. 6878. From Khaur, Khorassan, September 6, 1940. A cultivated ornamental tree, with a trunk about 18 inches in diameter.

140921. COLUTEA sp. Fabaceae.

No. 6488. From Kataliyekchinar, Khorassan, August 6, 1940. A well-formed bush 6 feet high, with large yellow flowers.

140922 to 140927. CRATAEGUS spp. Malaceae.

140922. CRATAEGUS sp.

No. 6676. From Bardu Forest, Khorassan, August 18, 1940. A well-formed bush 7 feet high, with small scarlet fruits, ⅜ inch in diameter.

140923. CRATAEGUS sp.

No. 6867. From Khaur, Khorassan, September 5, 1940. A small tree, growing in fields and orchards, with mahogany-red fruits, ½ inch in diameter.

140924. CRATAEGUS sp.

No. 7035. From Turbati Haidari, Khorassan, September 13, 1940. A small cultivated tree, with attractive crimson fruits, ½ inch in diameter.

140925. CRATAEGUS sp.

No. 7140. From Nishabur, Khorassan, September 21, 1940. Fruits flat, 1 by ½ inches, yellow with pink wash.

140926. CRATAEGUS sp.

No. 7266. From Gurgan, October 1, 1940. A small tree about 6 inches in diameter, with small, dull red-brown fruits.

140927. CRATAEGUS sp.

No. 7286. From Tehran, October 8, 1940. Fruits 1 by ¾ inch, flat, yellow, dotted and washed with pink; edible.

140904 to 140947—Continued

140928. *DIANTHUS* sp. Silenaceae.

No. 6498. From Kataliyekchinar, Khorassan, August 6, 1940. A steppe annual about 18 inches high, with a single flower head.

140929. *DAUCUS* sp. Apiaceae.

No. 6043. From Gaomir, Bakhtiari, May 16, 1940. A common steppe annual about 3 feet high, with white flowers.

140930. *EREMURUS* sp. Liliaceae.

No. 6148. From Tehran, June 14, 1940. Plant 4 feet high, with $2\frac{1}{2}$ foot spike of whitish flowers.

140931. *EPHEDRA* sp. Gnetaceae.

No. 6470. From Kataliyekchinar, Khorassan, August 4, 1940. A dense shrub about 3 feet high, with lovely cerise fruits.

140932. *HYPERICUM* sp. Hypericaceae.

No. 6374. From Khairat, Mazenderan, July 26, 1940. An open bush about 3 feet high, with large, black fruits.

140933. *IPOMOEA* sp. Convolvulaceae.

No. 6362. From Khairat, Mazenderan, July 26, 1940. A vine growing in thickets, with large, single white nocturnal flowers 2 inches across.

140934. *JUNIPERUS* sp. Pinaceae.

No. 6678. From Bardu Forest, Khorassan, August 18, 1940. A handsome, dense tree 20 feet high, with a trunk 6 feet in diameter and gnarled twisted limbs that stand heavy pruning.

140935. *ALTHAEA ROSEA* (L.) Cav. Malvaceae.

Hollyhock.

No. 5940. From Ahwaz, Khuzistan, April 22, 1940. A bushy plant about 7 feet high, palmately lobed leaves, and single to semidouble pink flowers.

140936. *LITHOSPERMUM* sp. Boraginaceae.

No. 5961. From Saridasht, Bakhtiari, April 26, 1940. A perennial, with large rose-purple flowers, growing on rocks in low, well-rounded clumps.

140937. *LYCHNIS CORONARIA* (L.) Desr. Silenaceae.

No. 6496. Collected on the Steppe of Iran. A mullein pink about 3 feet high, with rose flowers.

140938. *PAPAVER* sp. Papaveraceae.

No. 6114. From Durud, Luristan, June 6, 1940. A perennial about 18 inches high, with large single burnt-orange flowers $2\frac{1}{2}$ inches across.

140939. *PARROTIA* sp. Hamamelidaceae.

No. 7264. From Gurgan, October 1, 1940. A smooth-barked tree about 2 feet in diameter, with red leaves in the fall.

140940. *PETROSELINUM CRISPUM* (Mill.) Nym. (*P. hortense* Hoffmann). Apiaceae.
Parsley.

No. 6915. *Jafri*. From Tabas, Khorassan, September 8, 1940.

140941. *PETROSELINUM CRISPUM* (Mill.) Nym. (*P. hortense* Hoffmann).

No. 7259. *Jafri*. From Shahrud, Khorassan, September 27, 1940.

140942. *PLANTAGO* sp. Plantaginaceae.

No. 5908. From Ahwaz, Khuzistan, April 20, 1940. A dense plant growing about 8 inches high; much relished by goats.

140943. *PLATANUS* sp. Platanaceae.

No. 6881. From Khaur, Khorassan, September 6, 1940. A cultivated, handsome tree, with a trunk about 6 feet in diameter.

140904 to 140947—Continued**140944. RHAMNUS sp. Rhamnaceae.**

No. 5991. From Belu, Bakhtiari, May 8, 1940. A dense rounded shrub about 8 feet high, growing beside a spring; fruits red, edible.

140945. RHAMNUS sp.

No. 6483. From Kataliyekchinar, Khorassan, August 6, 1940. A low, dense shrub about 3 feet high, growing in rocky places; berries dark-colored.

140946. ROSA sp. Rosaceae.

No. 7229. From Shahrud, Khorassan, September 26, 1940. A low shrub about 1 foot high, with simple, strongly toothed leaves.

140947. SOLANUM sp. Solanaceae.

No. 7099. From Meshed, Khorassan, September 17, 1940. An ornamental pot plant with flat, red fruits resembling tomatoes.

140948 to 140964. TRITICUM DURUM Desf. Poaceae. Durum wheat.

From Australia. Seeds presented by Dr. W. L. Waterhouse, University of Sydney, Sydney. Received March 31, 1941.

140948. *Bobin* × *Bobin* × *Gaza*, AB 7/9.2.4.2.5.

140949. *Bobin* × *Bobin* × *Gaza*, AB 21/1.1.1.5.

140950. *Bobin* × *Bobin* × *Gaza*, AB 6.1.1.1.4.

140951. *Bobin* × *Bobin* × *Gaza*, AB 21/9.3.1.1.3.

140952. *Bobin* × *Bobin* × *Gaza*, AB 26/1.5.1.1.6.

140953. *Bobin* × *Bobin* × *Gaza*, AB 27/2.2.1.3.3.

140954. *Bobin* × *Bobin* × *Gaza*, AB 28/1.1.1.1.4.

140955. *Bobin* × *Bobin* × *Gaza*, AB 29/2.1.3.1.3.

140956. *Bobin* × *Bobin* × *Gaza*, AB 31/3.2.1.1.5.

140957. *Bobin* × *Bobin* × *Gaza*, AB 31/7.2.1.1.6.

140958. *Bobin* × *Bobin* × *Gaza*, AB 32/2.1.1.1.

140959. *Gaza* 277.

140960. *Gullen* × *Gullen* × *Gaza*, AD 2/6.1.1.1.2.

140961. *Gullen* × *Gullen* × *Gaza*, AD 5/3.2.1.1.5.

140962. *Gullen* × *Gullen* × *Gaza*, AD 17/2.2.1.4.

140963. *Gullen* × *Gullen* × *Gaza*, AD 20/1.4.1.4.

140964. *Gullen* × *Gullen* × *Gaza*, AD 21/1.2.1.5.

140965. BRACHYCHITON ACERIFOLIUM F. Muell. Sterculiaceae.

From California. Seeds presented by William Hertrich, Curator, Huntington Botanic Garden, San Marino. Received April 7, 1941.

For previous introduction see 75547.

140966 to 141083.

From Iran. Seeds presented by Walter Koelz, Bureau of Plant Industry, United States Department of Agriculture. Received March 21, 1941.

140966. ADONIS sp. Ranunculaceae.

No. 5958. From Saridasht, Bakhtiari, April 26, 1940. An annual 18 inches high, with attractive, single red flowers.

140967. ALLIUM sp. Liliaceae.

No. 6150. From Tehran, June 14, 1940. Plant about 2 feet high, with large, rose-purple flowers in a large head 1 foot across.

140966 to 141083—Continued

140968 to 140984. *ALTHAEA* spp. Malvaceae.140968. *ALTHAEA OFFICINALIS* L.

Marshmallow.

No. 6528. From Karak, Khorassan, August 7, 1940. A plant 4 feet high, growing along streams, with velvety leaves and small, pale rose-purple flowers, $\frac{1}{2}$ inch across.

140969. *ALTHAEA* sp.

No. 6164. From Tehran, June 16, 1940. A desert plant 2 feet high, with hirsute leaves and single, pale-yellow flowers, deeper in the throat, about 2 inches across.

140970. *ALTHAEA ROSEA* (L.) Cav.

Hollyhock.

No. 6438. From Bujmerd, Khorassan, August 2, 1940. An unbranched plant 6 feet high, with deeply palmate leaves and single rose flowers, 4 inches across.

140971. *ALTHAEA* sp.

No. 6040. From Labisufed, Bakhtiari, May 15, 1940. Plant about 4 feet high, growing on rocky slopes, with single, white flowers about 3 inches across.

140972. *ALTHAEA* sp.

No. 6260. From Khatirabad, Gurgan, July 10, 1940. A much-branched plant, 5 feet tall, with single, white-with-yellow-throat flowers, 3 inches across.

140973. *ALTHAEA* sp.

No. 6297. From Gurgan, July 11, 1940. A bushy plant, with flowers 4 inches across, pale yellow, deeper yellow in the throat.

140974. *ALTHAEA* sp.

No. 6478. From Kataliyekchinar, Khorassan, August 5, 1940. A steppe plant 5 feet tall, with single, yellow flowers about 3 inches across.

140975 to 140984. *ALTHAEA ROSEA* (L.) Cav.

140975. No. 6531. From Shirvan, Khorassan, August 9, 1940. A plant 8 feet tall, freely branched from the base, with attractive single and double flowers.

140976. No. 6923. From Turbati Haidari, Khorassan, September 10, 1940. A plant 10 feet tall, with obscurely palmate leaves and single flowers 4 inches across, rose pink with yellow centers.

140977. No. 6693. From Fariman, Khorassan, August 14, 1940. A plant 7 feet high, with attractive double flowers.

140978. No. 6879. From Khaur, Khorassan, September 6, 1940. A cultivated plant 6 feet high.

140979. No. 7010. From Turbati Haidari, Khorassan, September 12, 1940. A plant 8 feet high, with palmate leaves and pink, semidouble flowers $3\frac{1}{2}$ inches across.

140980. No. 7011. *Gulikhatmi*. From Turbati Haidari, Khorassan, September 12, 1940. A plant more than 4 feet high, with obscurely palmate leaves and single, white flowers tinged pink, 2 inches across.

140981. No. 7012. *Gulikhatmi*. From Turbati Haidari, Khorassan, September 12, 1940. A plant 3 feet high, with obscurely palmate leaves and deep-rose flowers with yellow centers, 3 inches across.

140982. No. 7018. *Gulikhatmi*. From Turbati Haidari, Khorassan, September 12, 1940. Flowers single, maroon with yellow centers, $3\frac{1}{2}$ inches across.

140983. No. 7021. *Gulikhatmi*. From Turbati Haidari, Khorassan, September 12, 1940. A plant 6 feet high, with deeply palmate leaves and double pink flowers $3\frac{1}{2}$ inches across.

140984. No. 7022. *Gulikhatmi*. From Turbati Haidari, Khorassan, September 12, 1940. Leaves deeply cut, flowers semidouble, white tinged with pink, $3\frac{1}{2}$ inches across.

140966 to 141083—Continued

140985. *ALYSSUM* sp. Brassicaceae.

No. 6352. From Dimalu, Mezendaren, July 23, 1940. A low, bushy perennial of the high steppe, about 1 foot high, with very attractive flowers.

140986. *ANCHUSA* sp. Boraginaceae.

No. 6070. From Gaomir, Bakhtiari, May 16, 1940. A handsome plant, about 2 feet high, with large, broadly obovate leaves and abundant purple-blue flowers.

140987. *ANEMONE* sp. Ranunculaceae.

No. 5949-A. From Seshahan, Bakhtiari, April 25, 1940. A plant 18 inches high, with large, single blood-red flowers about 3 inches across.

140988. *ARENARIA* sp. Silenaceae.

No. 6345. From Dimula, Mazenderan, July 23, 1940. An attractive plant growing in mats, 12 inches high, with white flowers.

140989. *ARISAEMA* sp. Araceae.

No. 6322. From Shahkuh, Mazenderan, July 17, 1940. An ornamental, with a scarlet fruit head 3 inches long.

140990. *ARISAEMA* sp.

No. 6326. From Guzlu, Mazenderan, July 15, 1940. A forest plant, 2½ feet high, with scarlet fruits.

140991. *ASTER* sp. Asteraceae.

No. 7221. From Shahrud, Khorassan, September 27, 1940. A perennial 3½ feet high, with lanceolate-linear leaves and large, lavender flowers 1½ inches across.

140992. *BERBERIS* sp. Berberidaceae.

No. 6340. From Karimserai, Mazenderan, July 21, 1940. A dense bush about 8 feet high, growing on dry slopes, with blue-black, acid fruits.

140993. *BERBERIS* sp.

No. 6677. From Bardu Forest, Khorassan, August 18, 1940. An attractive, well-formed bush, about 7 feet high, with scarlet to crimson fruits in conspicuous clusters.

140994. *BERBERIS* sp.

No. 7033. *Zareshk*. From Turbati Haidari, Khorassan, September 13, 1940. A handsome, cultivated bush about 8 feet high, with clusters of scarlet-red, edible berries.

140995. *CALENDULA GRACILIS* DC. Asteraceae.

No. 5912. From Ahwaz, Khuzistan, April 20, 1940. A plant 18 inches high, growing in unwatered fields or dry mountains; ray flowers yellow, disk flowers darker.

140996. *SPECULARIA FALCATA* (Ten.) A. DC. Campanulaceae.

No. 6036. From Cheshmashirin, Bakhtiari, May 14, 1940. A delicate annual about 6 inches high, growing in the cracks of shady dry lime cliffs; flowers purple.

140997. *CAMPANULA* sp. Campanulaceae.

No. 6038. From Labisufed, Bakhtiari, May 15, 1940. An attractive annual about 1 foot high, with large white flowers with broad purple margins.

140998. *CAMPANULA STRIGOSA* Banks and Sol.

No. 6108. From Ti, Luristan, June 5, 1940. A low annual about 12 inches high, with large, white flowers broadly edged in purple.

140999. *CARAGANA* sp. Fabaceae.

No. 5995. From Sachal, Bakhtiari, May 10, 1940. An attractive, dense bush about 4 feet high, growing on dry slopes; covered in spring with pink flowers, later with small pink pods.

141000. *CRUPINA VULGARIS* Cass. Asteraceae.

No. 5966. From Talemansur, Bakhtiari, April 27, 1940. An interesting, delicate, annual of open habit, with heads of rose-purple flowers.

140966 to 141083—Continued**141001. CENTAUREA sp. Asteraceae.**

No. 6130. From Durud, Luristan, May 22, 1940. A perennial about 18 inches high, with large heads of blue-purple or rose-purple flowers.

141002. CENTAUREA sp.

No. 6306. From Gurgan, July 12, 1940. A field perennial about 18 inches high, with rose flowers about 1 inch across; bracts with long feathery tips.

141003. CHRYSANTHEMUM sp. Asteraceae.

No. 6346. From Dimalu, Mazenderan, July 23, 1940. A perennial 20 inches high, with a few large heads; found growing in dense shade.

141004. COLCHICUM sp. Melanthiaceae.

No. 6690-A. From Bardu Forest, Khorassan, August 20, 1940.

141005. COLUTEA sp. Fabaceae.

No. 6360. From Khairat, Mazenderan, July 26, 1940. A well-formed bush about 7 feet high, with large, yellow flowers followed by large inflated pods.

141006. CONVULVULUS sp. Convolvulaceae.

No. 6080. From Durud, Luristan, May 23, 1940. A creeping perennial, with an abundance of beautiful wine-colored flowers about 2 inches across.

141007. CRATAEGUS sp. Malaceae.

No. 7141. *Zalsalak*. From Nishabur, Khorassan, September 21, 1940. A wild tree, with yellow fruits $\frac{1}{2}$ inch across.

141008 to 141011. DELPHINIUM spp. Ranunculaceae.**141008. DELPHINIUM sp.**

No. 5953. From Seshahan, Bakhtiari, April 25, 1940. An annual about 3 feet high, growing on dry slopes, with large, rose to purple-blue flowers.

141009. DELPHINIUM AJACIS L.

No. 6294. From Gurgan, July 11, 1940. A wild, attractive plant, 3 feet high, with small leaves and purple flowers.

141010. DELPHINIUM sp.

No. 6319. From Shahkuh, Mazenderan, July 17, 1940. A field weed 18 inches high, with large purple flowers.

141011. DELPHINIUM sp.

No. 6682. From Bardu Forest, Khorassan, August 19, 1940. An annual 3 feet high, growing on dry slopes; sparingly branched.

141012 to 141015. DIANTHUS spp. Silenaceae.**141012. DIANTHUS sp.**

No. 6229. From Tehran, June 26, 1940. A desert ornamental growing in small clumps 4 inches high, with large flowers.

141013. DIANTHUS sp.

No. 6354. From Khairat, Mazenderan, July 25, 1940. An attractive plant growing in part shade in clumps 18 inches high, with rose flowers about $\frac{3}{4}$ inch across.

141014. DIANTHUS sp.

No. 6472. From Kataliyekchinar, Khorassan, August 4, 1940. A steppe plant growing in clumps about 18 inches high, with inconspicuous, awnlike leaves; the rose flowers with fringed petals are about 1 inch across.

141015. DIANTHUS sp.

No. 6686. From Bardu Forest, Khorassan, August 20, 1940. A plant growing in clumps 12 to 15 inches high, at an altitude of 7,000 feet.

140966 to 141083—Continued

141016. *EREMURUS* sp. Liliaceae.

No. 6666. *Serishk*. From Abdullabad, Khorassan, August 14, 1940. A plant about 2½ feet high, with white flowers, the flower parts with colored ribs.

141017. *EREMURUS* sp.

No. 6674. *Serishk*. From Bardu Forest, Khorassan, August 17, 1940. A plant 3½ feet high, growing on dry slopes, with the flower spikes 2 feet high and 3 to 4 inches in diameter.

141018. *GYPSOPHILA* sp. Silenaceae.

No. 6338. From Karimserai, Mazenderan, July 20, 1940. A perennial growing on bare dry slopes, with small white flowers.

141019. *GYPSOPHILA* sp.

No. 6443. From Bujmerd, Khorassan, August 2, 1940. A much-branched field annual.

141020. *HELIIANTHUS ANNUUS* L. Asteraceae.

Common sunflower.

No. 6515. *Aftabgardan*. From Bujmerd, Khorassan, August 8, 1940. A plant 6 feet high, with a flower head 15 inches across.

141021. *IPOMOEA PURPUREA* (L.) Roth. Convolvulaceae. Common morning-glory.

No. 6532. From Shirvan, Khorassan, August 9, 1940. Flowers 2 inches across, blue purple and wine red.

141022. *ILEX* sp. Aquifoliaceae.

No. 6347. From Dimalu, Mazenderan, July 23, 1940. An attractive bush about 3 to 4 feet high, with crimson fruits.

141023 to 141030. *IRIS* spp. Iridaceae.141023. *IRIS* sp.

No. 5948. From Seshahan, Bakhtiari, April 25, 1940. Growing in clumps 15 inches in diameter; flowers purple.

141024. *IRIS* sp.

No. 6068. From Durud, Luristan, May 20, 1940. A rare plant, 5 feet high, growing at an altitude of 6,000 feet.

141025. *IRIS* sp.

No. 6079. From Durud, Luristan, May 24, 1940. A handsome clump species about 3½ feet high, with flowers 4 inches across; falls pale yellow edged with deeper yellow; standard pale purple blue with yellow base.

141026. *IRIS PERSICA* L.

No. 6339-A. From Karimserai, Mazenderan, July 20, 1940. A handsome plant 4 feet high, growing on bare dry plains; flowers blue and white, about 2 inches across.

For previous introduction see 106023.

141027. *IRIS* sp.

No. 6530. From Shirvan, Khorassan, August 9, 1940. A cultivated plant growing in clumps, about 2 feet high.

141028. *IRIS* sp.

No. 6687-A. From Bardu Forest, Khorassan, August 20, 1940. A plant 4 feet high.

141029. *IRIS* sp.

No. 6694-A. From Bardu Forest, Khorassan, August 20, 1940. Growing in clumps 18 inches high on dry slopes; one to two flowers to a stalk, 18 inches high.

140966 to 141083—Continued

141030. *IRIS* sp.

No. 6920-A. From Tabas, Khorassan, September 8, 1940. A plant 18 inches high, with two to three flowers to a stalk.

141031. *MALVA SYLVESTRIS* L. Malvaceae. Mallow.

No. 6162. From Tehran, June 16, 1940. A garden weed about 2 feet high, with rose-purple flowers about $\frac{1}{2}$ inch across.

141032. *ALTHEA CANNABINA* L. Malvaceae.

No. 6461. From Kataliyekchinar, Khorassan, August 4, 1940. A much-branched plant about 5 feet high, with wine-colored flowers about $\frac{3}{4}$ inch across.

141033. *MALVA SYLVESTRIS* L. Malvaceae. Mallow.

No. 7016. *Gulikhatmi*. From Turbati Haidari, Khorassan, September 12, 1940. A garden weed 4 feet high, with single magenta-purple flowers about $1\frac{1}{2}$ inches across.

141034. *LONICERA* sp. Caprifoliaceae.

No. 6314. From Mazenderan (Ahangarmahah), July 14, 1940. An attractive, open bush about 7 feet high, growing along streams and in hedges, with an abundance of scarlet-red fruits.

141035. *LYCHNIS* sp. Silenaceae.

No. 6499. From Kataliyekchinar, Khorassan, August 6, 1940. An annual about 15 inches high.

141036. *LYCHNIS* sp.

No. 6699. From Bardu Forest, Khorassan, August 21, 1940. A perennial growing on dry slopes in clumps 18 inches high.

141037. *LYCHNIS* sp.

No. 6500. From Kataliyekchinar, Khorassan, August 6, 1940. A steppe annual about 18 inches high.

141038. *MALVA MONTANA* Forsk. Malvaceae.

No. 6025. From Cheshmashirin, Bakhtiari, May 13, 1940. A decumbent, steppe species with rose-purple flowers.

141039. *MIRABILIS JALAPA* L. Nyctaginaceae. Four-o'clock.

No. 5828. From Shiraz, Fars, April 6, 1940. A cultivated ornamental.

141040 to 141047. *MUSCARI* spp. Liliaceae.141040. *MUSCARI* sp.

No. 5946. From Sarbesha, Bakhtiari, April 24, 1940. A plant 18 inches high, growing in a wheatfield.

141041. *MUSCARI* sp.

No. 6325. From Shahkih, Mazenderan, July 17, 1940. Plant 18 inches high, growing at an altitude of 10,000 feet.

141042. *MUSCARI* sp.

No. 5950. From Seshahan, Bakhtiari, April 25, 1940. A plant 1 foot high.

141043. *MUSCARI* sp.

No. 5978. From Tale, Bakhtiari, May 2, 1940. A plant 4 feet high, growing in a limestone crack.

141044. *MUSCARI* sp.

No. 6006. From Cheshmashirin, Bakhtiari, May 13, 1940. An ornamental plant $2\frac{1}{2}$ feet high.

141045. *MUSCARI* sp.

No. 6084. From Durud, Luristan, May 23, 1940. A low species, 6 inches high, growing chiefly along temporary rivulets; flowers probably blue purple.

140966 to 141083—Continued

141046. MUSCARI sp.

No. 6085-A. From Durud, Luristan, June 23, 1940. A plant, 18 inches high, with a large open few-flowered raceme and broad basal leaves.

141047. MUSCARI sp.

No. 6098. From Kalvar, Luristan, May 29, 1940. A species 1 foot high.

141048. ORNITHOGALUM sp. Liliaceae.

No. 6081. From Durud, Luristan, June 23, 1940. An attractive species 18 inches high, with large, open racemes of light-blue flowers, growing along the temporary snow rivulets.

141049 to 141054. PAPAVER spp. Papaveraceae.

141049. PAPAVER GLAUCUM Boiss. and Hausskn.

No. 6104. From Ti, Luristan, June 5, 1940. A steppe annual 12 to 18 inches high, with glaucous leaves and single cherry-red flowers, sometimes with a black spot on the petals.

141050. PAPAVER MACROSTOMUM Boiss and Huet.

No. 6111. From Chamchid, Luristan, June 6, 1940. A steppe annual 1 foot high, with hirsute, green leaves, and flowers about 2 inches across; petals red with a black spot at the base.

141051. PAPAVER sp.

No. 6327. From Kuhikakashan, Mazenderan, July 18, 1940. A low tufted rock plant about 4 inches high, with small brick-red flowers.

141052. PAPAVER sp.

No. 6331. From Shahkuh, Mazenderan, July 18, 1940. A biennial or perennial, growing in clumps about 1 foot high on bare gulch banks.

141053. PAPAVER DUBIUM L.

No. 6683. From Bardu Forest, Khorassan, August 19, 1940. A much-branched plant about 2 feet high, growing on rocky slopes.

141054. PAPAVER SOMNIFERUM L.

Opium poppy.

No. 7058. From Turbati Haidar, Khorassan, September 13, 1940. A variety with purple and white flowers.

141055 to 141062. ROSA spp. Rosaceae.

141055. ROSA sp.

No. 6086. From Durud, Luristan, May 23, 1940. A bush 4 feet high, growing along riverbank, with single, fragrant rose flowers 3 inches across.

141056. ROSA HEMISPHERICA Herrmann.

Rose.

No. 6149. From Tehran, June 14, 1940. A low bush about 5 feet high, with yellow-orange hips and single, yellow flowers.

141057. ROSA sp.

No. 6446. From Bujmerd, Khorassan, August 2, 1940. A low bush, about 1 foot high, with simple leaves and very bristly fruits, growing on a dry bank of a canal.

141058. ROSA sp.

No. 6462. From Kataliyekchinar, Khorassan, August 4, 1940. A hardy Rambler about 10 feet high, with yellow fruits growing in a dry gulch on the steppe.

141059. ROSA sp.

No. 6673. From Bardu Forest, Khorassan, August 17, 1940. A well-formed bush, often spreading from the root to about 6 feet high, with single, white to pale-pink flowers about 2 inches across; hips small, crimson.

140966 to 141083—Continued

141060. *ROSA* sp.

No. 6675. From Bardu Forest, Khorassan, August 18, 1940. A well-formed bush 6 feet high, with elongate orange-red hips.

141061. *ROSA* sp.

No. 6866. From Khaur, Khorassan, September 5, 1940. A cultivated dense bush from 2 to 6 feet high, with elongate crimson hips.

141062. *ROSA* sp.

No. 6883. From Khaur, Khorassan, September 6, 1940. A dense bush about 8 feet high, with small shiny leaves and cluster of three to five small crimson hips.

141063. *SALVIA* sp. Menthaceae.

No. 5967. From Talimansur, Bakhtiari, April 27, 1940. A scented plant, with basal leaves and purple-blue flowers with large calyces.

141064. *SALVIA* sp.

No. 6163. From Tehran, April 16, 1940. A desert species growing in mats, with small, woolly leaves and flower stalks up to 1 foot high.

141065. *SAMBUCUS* sp. Caprifoliaceae.

No. 6355. From Khairat, Mazenderan, July 25, 1940. A perennial 3 to 6 feet high, growing in part shade or full sunshine, with flat corymbs of white, fragrant flowers and black, acrid fruits eaten by birds.

141066 to 141070. *SCABIOSA* spp. Dipsacaceae.141066. *SCABIOSA PALESTINA* L.

No. 6008. From Cheshmashirin, Bakhtiari, May 13, 1940. A steppe annual about 18 inches high, with attractive, fragrant white to rose-purple flowers in heads 2 inches across.

141067. *SCABIOSA CALOCEPHALA* Boiss.

No. 6041. From Gaomir, Bakhtiari, May 16, 1940. A loose-branching steppe annual, with large-rayed, 1-inch heads of lavender flowers that fade with the morning sun.

141068. *SCABIOSA CALOCEPHALA* Boiss.

No. 6107. From Ti, Luristan, June 5, 1940. An annual from dry places, 18 inches high, with lavender flowers with frilled rays.

141069. *SCABIOSA MICRANTHA* Desf.

No. 6418. From Marave, Khorassan, July 31, 1940. A steppe annual about 18 inches high.

141070. *SCABIOSA* sp.

No. 6476. From Kataliyekchinar, Khorassan, August 5, 1940. A hardy perennial about 3 feet high, with dissected leaves and wine-colored flowers in heads $3\frac{3}{4}$ inches across.

141071 to 141077. *TULIPA* spp. Liliaceae.141071. *TULIPA* sp.

No. 6105. From Ti, Luristan, June 5, 1940. A low species about 6 inches high.

141072. *TULIPA* sp.

No. 6118-A. From Durud, Luristan, June 7, 1940. A plant 1 foot high, with red flowers, the perianth segments with yellow and black blotches at the base.

141073. *TULIPA MONTANA* Lindl.

No. 6152. From Tehran, June 14, 1940. A plant 1 foot high, with large, red flowers, the segments with black spots in the throat.

140966 to 141083—Continued

141074. TULIPA sp.

No. 6481-A. From Kataliyekchinar, Khorassan, August 6, 1940. A steppe plant 20 inches high, with yellow flowers.

141075. TULIPA sp.

No. 6482. From Kataliyekchinar, Khorassan, August 6, 1940. A low plant 6 inches high, growing on dry bare rocky slopes.

141076. TULIPA sp.

No. 6691-A. From Bardu Forest, Khorassan, August 20, 1940. A plant 18 inches high, growing at an altitude of 7,000 feet on a dry slope.

141077. TULIPA sp.

No. 6692-A. From Bardu Forest, Khorassan, August 20, 1940. A hardy, low plant 6 inches high, growing on bare dry slopes.

141078 to 141083. VIOLA spp. Violaceae.

141078. VIOLA sp.

No. 5986. From Tale, Bakhtiari, May 6, 1940. A low annual about 3 inches high, with very small tricolored flowers.

141079. VIOLA sp.

No. 5974. From Pashinshurun, Bakhtiari, April 29, 1940. An annual 3 inches high, with small, white flowers marked with yellow spots on the lip.

141080. VIOLA sp.

No. 6099. From Ti, Luristan, April 2, 1940. A plant growing in damp shade; resembles the common purple violet.

141081. VIOLA sp.

No. 6172. *Banafsh*. From Tehran, June 17, 1940. Cultivated in a shady garden; flowers blue.

141082. VIOLA sp.

No. 6315. From Gozlu, Mazenderan, July 15, 1940.

141083. VIOLA sp.

No. 6356. From Khairat, Mazenderan, July 25, 1940. A bushy plant about 6 inches high, growing in dense forest.

141084. CLAPPERTONI FICIFOLIA Dcne. Tiliaceae.

From Tahiti. Seeds presented by Harrison Smith, Papeete, through Col. R. H. Montgomery, Coconut Grove, Florida. Numbered April 25, 1941.

A very striking ornamental shrub native to western tropical Africa. The branches are purplish and covered with yellowish hairs. The hairy leaves are more or less deeply three-lobed to seven-lobed, and the large purple flowers, 2 to 4 inches wide, are in terminal racemes.

For previous introduction see 80692.

141085 to 141198.

From Iran. Seeds presented by Walter Koelz, Bureau of Plant Industry, United States Department of Agriculture. Received March 19, 1941.

141085 to 141119. AMYGDALUS spp. Amygdalaceae.

141085. AMYGDALUS PERSICA var. NECTARINA Ait.

Nectarine.

No. 6222. *Shatil* or *Shalu*. From Tehran, June 24, 1940. Fruit green yellow, with crimson cheek; clingstone; flesh white; flavor good.

141086. AMYGDALUS PERSICA L. (*Prunus persica* Stokes).

Peach.

No. 6926. *Shafialu*. From Turbati Haidari, Khorassan, September 10, 1940. Fruit globose, 2 inches in diameter; flesh yellow; freestone.

141085 to 141198—Continued

141087. *AMYGDALUS PERSICA* L.

No. 6615. *Hulu*. From Meshed, Khorassan, August 12, 1940. Fruit 3 inches in diameter; flesh white, red-stained; freestone.

141088. *AMYGDALUS PERSICA* L.

No. 6684. *Hulu*. From Meshed, Khorassan, August 13, 1940. Fruit 3 inches in diameter; clingstone; flesh very firm, white.

141089. *AMYGDALUS PERSICA PLATYCARPA* (Decaisne) Ricker. Flat peach.

No. 6565. *Hulueanjiri* (fig peach). From Meshed, Khorassan, August 11, 1940. Fruit 2½ by 1 inch, yellow, washed with red; flesh cream, stained with red next to pit; clingstone.

141090 to 141111. *AMYGDALUS PERSICA* L. (*Prunus persica* Stokes). Peach.

141090. No. 6769. *Hulu*. From Turbati Shaikh Jam, Khorassan, August 23, 1940. Fruit about 2 inches in diameter; flesh white to creamy yellow; freestone; flavor excellent.

141091. No. 6794. *Hulu*. From Meshed, Khorassan, August 24, 1940. Fruit handsome, globose, 3 inches in diameter, yellow with half of surface cerise; flesh white, strongly stained with crimson around the pit; flavor excellent; freestone.

141092. No. 6836. *Shaftalu*. From Firdus, Khorassan, August 30, 1940. Fruit globose, yellow; freestone; flesh white to pale yellow; flavor good, kernel edible.

141093. No. 6887. *Shaftalu*. From Khaur, Khorassan, at 5,000 feet. September 6, 1940. Fruit subglobose, 2 inches in diameter, green yellow with red cheek; freestone; flesh cream; flavor good.

141094. No. 6927. *Shaftalu*. From Turbati Haidari, Khorassan, September 11, 1940. Fruit globose, 2¾ inches in diameter, yellow with a crimson blush; flesh yellow; freestone; flavor excellent.

141095. No. 6855. *Shaftalu*. From Tabas, Khorassan, September 1, 1940. Fruit globose, amygdaloid, beaked, 2 inches in diameter, yellow with crimson; freestone flesh, cream-colored; flavor good.

141096. No. 6928. *Shaftalu*. From Turbati Haidari, Khorassan, September 11, 1940. Fruit amygdaloid, 2¼ inches in diameter, yellow with crimson cheek; freestone; flesh yellow, tinted pink around pit.

141097. No. 6944. *Shaftalu*. From Turbati Haidari, Khorassan, September 11, 1940. Fruit subglobose, 2¼ inches in diameter, yellow, with faint suture; freestone; flesh yellow.

141098. No. 6945. *Shaftalu*. From Turbati Haidari, Khorassan, September 11, 1940. Fruit globose, yellow; freestone; flesh yellow, flavor good.

141099. No. 6975. *Shaftalu*. From Turbati Haidari, Khorassan, September 11, 1940. Fruit amygdaloid, faint suture, beaked, bright yellow; freestone; flesh yellow, flavor good.

141100. No. 6998. *Shaftalu*. From Turbati Haidari, Khorassan, September 12, 1940. Fruit globose, beaked, faint suture, 2¼ inches in diameter, deep yellow; freestone; flesh deep yellow, dry.

141101. No. 7029. *Shaftalu*. From Turbati Haidari, Khorassan, September 13, 1940. Fruit subglobose, beak faint, heavy pubescence, 2¼ inches in diameter; freestone; flesh deep yellow, flavor good.

141102. No. 7030. *Shaftalu*. From Turbati Haidari, Khorassan, September 13, 1940. Fruit subglobose, suture distinct, skin color gold, heavily washed with crimson, 1½ inches in diameter; freestone; flesh yellow, flavor good.

141103. No. 7031. *Shaftalu*. From Turbati Haidari, Khorassan, September 13, 1940. Fruit amygdaloid, beaked, suture conspicuous, skin yellow with crimson blush; freestone; flesh yellow, red at pit; flavor good.

141085 to 141198—Continued

141104. No. 7032. *Shaftalu*. From Turbati Haidari, Khorassan, September 13, 1940. Fruit subamygdaloid, beaked, yellow with deep-crimson cheek, $2\frac{1}{4}$ inches in diameter, suture conspicuous; freestone; flesh yellow, flavor good.
141105. No. 7087. *Hulu*. From Meshed, Khorassan, September 16, 1940. Fruit globose, 3 inches in diameter, pale yellow washed with crimson, faint beak; flesh white, flavor good; freestone; kernel edible.
141106. No. 7139. *Shaftalu*. From Nishabur, Khorassan, September 20, 1940. Fruit subglobose, 2 inches in diameter, beaked, yellow; freestone; flesh yellow.
141107. No. 7156. *Shaftalu*. From Sabzawar, Khorassan, September 22, 1940. Fruit subamygdaloid, $2\frac{1}{4}$ inches in diameter, beaked, yellow nearly submerged by crimson; freestone; flesh yellow; flavor good.
141108. No. 7201. *Hulu*. From Miami, Khorassan, September 25, 1940. Fruit amygdaloid, $2\frac{3}{4}$ inches in diameter, beaked, faint suture, green yellow heavily washed with crimson; freestone; flesh green white, flavor good.
141109. No. 7222. *Hulu*. From Shahrud, Khorassan, September 27, 1940. Fruit amygdaloid, $2\frac{1}{4}$ inches in diameter, beaked, green yellow with heavy crimson blush on cheek; freestone; flesh green white, red close to pit; flavor good. Kernel edible.
141110. No. 7225. *Shaftalu*. From Gurgan, September 29, 1940. Fruit globose, 2 inches in diameter, golden with faint blush, suture conspicuous; freestone; flesh yellow, flavor good.
141111. No. 7271. *Shaftalu*. From Garmsar, Tehran, October 2, 1940. Fruit amygdaloid, beaked, $1\frac{1}{2}$ inches in diameter, yellow washed with crimson; flesh cream-colored, flavor strong; freestone.

141112. AMYGDALUS sp.

No. 5938. *Badamiwashi*. From Ahwaz, Khuzistan, April 21, 1940. A wild hill almond, edible, from Iraq.

141113. AMYGDALUS sp.

No. 6880. *Badamikuhi*. From Khaur, Khorassan, September 6, 1940. A small tree 10 feet high, with long green twigs and inconspicuous leaves; flowers white to pale pink.

141114. AMYGDALUS sp.

No. 6889. From Khaur, Khorassan, September 6, 1940. A dense, thorny bush, 3 feet high, growing on dry rocky slopes; flowers pink, borne in early spring.

141115 to 141119. AMYGDALUS PERSICA var. NECTARINA Ait. Amygdalaceae.

Nectarine.

141115. No. 6585. *Shalil*. From Meshed, Khorassan, August 11, 1940. Fruit handsome, $2\frac{1}{2}$ inches in diameter, nearly all crimson; flesh cream, stained red around pit, flavor excellent; freestone.
141116. No. 6608. *Shalil*. From Meshed, Khorassan, August 12, 1940. Fruit subglobose, $1\frac{1}{4}$ inches in diameter, green yellow with rose-purple cheek; flesh cream, flavor good; freestone.
141117. No. 6792. *Shalil*. From Meshed, Khorassan, August 24, 1940. Fruit amygdaloid, $2\frac{1}{2}$ inches in diameter, pale yellow with purplish cheek; freestone; flesh cream, flavor excellent; kernels edible.
141118. No. 6793. *Shalil*. From Meshed, Khorassan, August 24, 1940. Fruit subglobose, 2 inches in diameter, pale yellow with purplish cheek; freestone; flesh cream, flavor good.
141119. No. 6800. *Shalil*. From Meshed, Khorassan, August 25, 1940. Fruit subglobose, $1\frac{1}{2}$ inches in diameter, yellow heavily mottled with crimson; freestone; flesh cream, flavor good; kernels edible.

141120. DIOSPYROS LOTUS L. Diospyraceae.

Dateplum.

No. 7265. From Gurgan, October 1, 1940. An attractive tree about 18 inches in diameter, with elongated elliptical leaves 8 to 10 inches long; fruit small, yellow, $\frac{3}{4}$ inch across.

141085 to 141198—Continued

141121 to 141147. *FICUS* spp. Moraceae.141121 to 141133. *FICUS* *CARICA* L.

Common fig.

141121. No. 6414. *Anjir*. From Khaur, Khorassan, September 6, 1940. An early sort.
141122. No. 6572. *Anjir*. From Meshed, Khorassan, August 11, 1940. Fruit $1\frac{1}{2}$ inches in diameter, yellow, sweet and honey-flavored.
141123. No. 6659. *Anjir*. From Meshed, Khorassan, August 13, 1940. Fruit $2\frac{1}{2}$ inches across, rose purple; quality good.
141124. No. 6834. *Anjir*. From Firdus, Khorassan, August 30, 1940. Fruit yellow, $1\frac{1}{2}$ inches high; honey-flavored.
141125. No. 6835. *Anjir*. From Firdus, Khorassan, August 30, 1940. A bushy variety, $1\frac{3}{4}$ inches in diameter, green yellow; sweet.
141126. No. 6861. *Anjir*. From Khaur, Khorassan, September 4, 1940. A wild bush 7 feet high, growing on walls of canyons in hot dry places; fruit green yellow outside, red purple inside, $\frac{3}{4}$ inch across.
141127. No. 6875. *Anjir-i-zard*. From Khaur, Khorassan, September 6, 1940. A cultivated tree 10 feet high; fruit $1\frac{3}{4}$ inches across, yellow tinged with rose purple inside.
141128. No. 7023. *Anjir*. From Turbati Haidari, Khorassan, September 12, 1940. Fruit $1\frac{3}{4}$ inches across, rose purple; quality good.
141129. No. 7024. *Anjir-i-suja*. From Turbati Haidari, Khorassan, September 12, 1940. Fruit black, 2 inches across; quality good.
141130. No. 7078. *Anjir*. From Khaur, Khorassan, September 6, 1940. A wild variety.
141131. No. 7079. *Anjir*. From Khaur, Khorassan, September 6, 1940. An early variety.
141132. No. 7161. *Anjir*. From Sabzawar, Khorassan, September 23, 1940. A bush type about 10 feet high.
141133. No. 7226. *Anjir*. From Gurgan, Khorassan, September 29, 1940. Fruit 2 inches across, red purple with strong bloom; flesh pale yellow with red-purple seeds; flavor good.

141134. *FICUS* sp.

No. 6396. *Anjir*. From Gurgan, July 29, 1940. An early sort with flattened fruit $1\frac{1}{2}$ by 1 inches, green to lemon color, interior reddish; low in sugar, good flavor.

141135. *FICUS* sp.

No. 6249. *Anjir*. From Tehran, July 7, 1940. Fruit 2 inches high, lemon with wine-red seeds; quality and flavor good.

141136. *FICUS* sp.

No. 6404. From Nizamabad, Mazenderan, July 30, 1940. A wild tree 8 inches in diameter, with red-purple fruits 2 inches across, copious milky sap.

141137. *FICUS* sp.

No. 6490. From Kataliyekchinar, Khorassan, August 6, 1940. A bush, suckering from the root, 6 to 8 feet high, growing on limestone cliffs; fruit dry.

141138. *FICUS* sp.

No. 6868. *Maibut*. From Khaur, Khorassan, September 5, 1940. A cultivated bush 10 inches in diameter, with green-yellow fruit, rose purple inside, 2 inches across; sweet, flavor excellent.

141085 to 141198—Continued

141139. *FICUS* sp.

No. 6869. *Surkhak* or *Sharbati*. From Khaur, Khorassan, September 5, 1940. A cultivated bush 10 feet high, with rose-purple fruits $1\frac{1}{4}$ inches in diameter; flavor good.

141140. *FICUS* sp.

No. 6870. From Khaur, Khorassan, September 6, 1940. A wild bush growing on the wall of a gulch, 6 feet high; fruit blackish, 1 inch across.

141141. *FICUS* sp.

No. 6871. *Anjir-i-suja*. From Khaur, Khorassan, September 6, 1940. A cultivated bush 10 feet high, with red-purple to black fruits $1\frac{1}{2}$ inches across; flavor good.

141142. *FICUS* sp.

No. 6872. *Anjir-i-sabzak*. From Khaur, Khorassan, September 6, 1940. A cultivated bush 10 feet high, with yellow fruits tinged red purple inside, 2 inches across; flavor good.

141143. *FICUS* sp.

No. 6873. From Khaur, Khorassan, September 6, 1940. A wild bush 6 feet high, growing on rocky wall of dry gulch; fruit green, tinged red purple inside, $\frac{3}{4}$ inch across.

141144. *FICUS* sp.

No. 6877. From Khaur Khorassan, September 6, 1940. A small tree with a trunk 6 to 8 inches in diameter, growing on dry slopes; fruit red purple to black, $\frac{5}{8}$ inch across.

141145. *FICUS* sp.

No. 7026. From Turbati Haidari, Khorassan, September 12, 1940. A dense bush about $3\frac{1}{2}$ feet high, with yellow fruits.

141146. *FICUS* sp.

No. 7281. From Gurgan, September 30, 1940. A wild forest tree 18 inches in diameter, with red-purple fruits.

141147. *FICUS* sp.

No. 7282. From Gurgan, September 30, 1940. A forest tree 18 inches in diameter, with large, red-purple edible fruits, $1\frac{1}{4}$ inches across.

141148. *FRAGARIA VESCA* L. Rosaceae.

Strawberry.

No. 6348. From Dimalu, Mazenderan, July 23, 1940. A plant growing in shade, fruit scarce.

141149 to 141153. *JUGLANS REGIA* L. Juglandaceae.

Persian walnut.

141149. No. 6890. *Jauz*. From Khaur, Khorassan, September 6, 1940. Fruit of good flavor; shell very fragile. Said to be propagated from seed.

141150. No. 6891. *Jauzi Kajmad*. From Khaur, Khorassan, September 6, 1940. A thin-shelled walnut.

141151. No. 6892. *Jauzi Suznu*. From Khaur, Khorassan, September 6, 1940.

141152. No. 6893. *Jauziwasatt*. From Khaur, Khorassan, September 6, 1940.

141153. No. 6894. *Jauz*. From Khaur, Khorassan, September 6, 1940.

141154 to 141157. *MORUS* sp. Moraceae.141154. *MORUS ALBA* L.

White mulberry.

No. 6864. *Tut*. From Khaur, Khorassan, September 5, 1940.

141155. *MORUS* sp.

No. 6241. *Shahtut*. From Tehran, July 5, 1940. Fruit red black, 1 by $\frac{5}{8}$ inch, resembling a loganberry; flavor subacid, refreshing.

141085 to 141198—Continued

141156. MORUS sp.

No. 6658. From Meshed, Khorassan, August 13, 1940. Said to be a silkworm tree.

141157. MORUS sp.

No. 6865. *Shahut*. From Khaur, Khorassan, September 5, 1940. A splendid acid mulberry more than 1 inch long; fruit juicy, much like a loganberry in taste.

141158 to 141161. PISTACIA spp. Anacardiaceae.

141158. PISTACIA sp.

No. 6860. *Bene*. From Rabat Khan, Khorassan, September 3, 1940.

141159. PISTACIA sp.

No. 6874. *Bene*. From Khaur, Khorassan, September 6, 1940. A scrubby tree growing on dry limestone slopes.

141160. PISTACIA sp.

No. 6876. *Bene*. From Khaur, Khorassan, September 6, 1940. A scrubby tree, with white, pink-tinged fruits, growing on dry limestone slopes.

141161. PISTACIA sp.

No. 6882. *Bene*. From Khaur, Khorassan, September 6, 1940.

141162 to 141198. PRUNUS spp. Amygdalaceae.

141162 to 141182. PRUNUS ARMENIACA L.

Apricot.

Zardalu is the vernacular name for the apricot in Iran.

141162. No. 6153. From Tehran, June 14, 1940. Fruits subglobose, 1¾ inches across, yellow; flesh creamy yellow; clingstone; sweet, flavor good.

141163. No. 6160. From Tehran, June 15, 1940. Fruits globose, 1¾ inches in diameter, deep suture, pale yellow; flesh pale cream, sweet, no fiber.

141164. No. 6161. From Tehran, June 15, 1940. Fruit globose, 1¾ inches in diameter, pale yellow; flesh white, sweet, no fiber.

141165. No. 6166. From Tehran, June 16, 1940. Fruit amygdaloid, 2 inches in diameter, yellow; flesh yellow, sweet, no fiber.

141166. No. 6202. From Tehran, June 22, 1940. Fruits amygdaloid, 2½ inches across, yellow with pink cheek, suture distinct; flesh pale yellow, sweet, no fiber.

141167. No. 6224. From Tehran, June 24, 1940. Fruit subglobose, 1¾ inches in diameter, yellow, half crimson, suture distinct; flesh pale yellow, sweet, no fiber.

141168. No. 6233. From Tehran, June 30, 1940. Fruit subglobose, 1⅞ inches across, yellow, sometimes with faint rosy cheek, faint suture; flesh pale yellow, sweet.

141169. No. 6238. From Tehran, July 5, 1940. Fruits subglobose, 1½ inches across, pale yellow to golden, faint suture; flesh the same color, sweet, no fiber.

141170. No. 6239. From Tehran, July 5, 1940. Fruit subglobose, 1⅞ inches in diameter, pale yellow, faint suture; flesh cream, sweet, no fiber.

141171. No. 6240. From Tehran, July 5, 1940. Fruit subglobose, 1 inch across, golden, suture distinct; no fiber, fair quality.

141172. No. 6250. From Tehran Province, near Firoz-Kuh, July 9, 1940. Fruits subglobose, 1¼ inches across, golden with large crimson-pink cheek; flesh golden, sweet, no fiber; flavor good.

141173. No. 6312. From Gurgan, July 13, 1940. Fruit subglobose, 1½ inches across, yellow with extensive rose-purple wash; flesh sweet, no fiber.

141174. No. 6313. From Gurgan, July 13, 1940. Fruit globose, 1¼ inches in diameter, gold with conspicuous red cheek; flesh gold, sweet, without fiber.

141085 to 141198—Continued

141175. No. 6424. From Bujmird, Khorassan, August 1, 1940.
141176. No. 6660. From Meshed, Khorassan, August 13, 1940. Fruits subglobose, $1\frac{1}{2}$ inches across, gold; flesh firm, orange, sweet, without fiber.
141177. No. 6661. From Meshed, Khorassan, August 13, 1940. Fruit subglobose, $1\frac{1}{4}$ inches across, yellow white with purplish cheek; flesh firm, creamy, sweet, without fiber.
141178. No. 6888. From Khaur, Khorassan, September 6, 1940. Trees with trunks up to 2 feet in diameter; seeds sweet.
141179. No. 6904. From Tabas, Khorassan, September 8, 1940. Trees thrifty; kernels edible.
141180. No. 7061. From Turbati Haidari, Khorassan, September 13, 1940. Trees common, thrifty; seeds edible.
141181. No. 7223. From Sabzawar, Khorassan, September 24, 1940. Fruit $1\frac{1}{4}$ inches in diameter; good flavor; kernels edible.
141182. No. 7248. From Shahrud, Khorassan, September 27, 1940. Fruit hardy; kernels edible.
- 141183 to 141187. PRUNUS BOKHARIENSIS Royle. Plum.
141183. No. 6051. From Dizful, Khuzistan, May 18, 1940. Fruit globose, $1\frac{1}{4}$ inches in diameter, red, downy.
141184. No. 6157. From Tehran, June 15, 1940. Fruits subglobose, $1\frac{1}{4}$ inches in diameter, downy, red-cheeked, green to pale red, lacking suture; flesh cream; flavor good.
141185. No. 6203. *Alu*. From Tehran, June 22, 1940. Fruits subglobose, $1\frac{1}{2}$ inches across, green gold, suture faint; flesh sweet, flavor good.
141186. No. 6685. *Alu*. From Karizan Ahmed, Khorassan, August 16, 1940. Fruits subglobose, $1\frac{1}{4}$ inches in diameter, blue black; flavor good.
141187. No. 6993. *Alubadu*. From Turbati Haidari, Khorassan, September 12, 1940. Fruits subglobose, $1\frac{1}{4}$ inches across, deep red purple with black; flesh yellow, flavor good.
- 141188 to 141194. PRUNUS DOMESTICA L. Common plum.
141188. No. 6237. *Kaisi*. From Tehran, July 5, 1940. Fruits subglobose, $1\frac{1}{2}$ inches in diameter, crimson, downy; flesh sweet, flavor good.
141189. No. 6309. From Gurgan, July 12, 1940. Fruit globose, $\frac{3}{4}$ inch across, red purple with bloom; flavor good.
141190. No. 6310. *Alu*. From Gurgan, July 12, 1940. Fruits $1\frac{1}{2}$ inches long, yellow; flavor good.
141191. No. 6395. *Alu*. From Gurgan, July 29, 1940. Fruits globose, $1\frac{1}{2}$ inches across, black with bloom; flavor good.
141192. No. 6607. *Alubakhara*. From Meshed, Khorassan, August 12, 1940. Fruit globose, $1\frac{1}{2}$ inches in diameter, blue black; quality good.
141193. No. 6654. *Aluezard*. From Meshed, Khorassan, August 13, 1940. Fruit in shape and size like our Golden Egg, but firmer and not so much acid in skin.
141194. No. 7220. *Alu*. From Shahrud, Khorassan, September 27, 1940. An excellent prune like our Golden Egg, but fruits smaller, about $1\frac{1}{2}$ inches in diameter; flavor excellent.
141195. PRUNUS sp.
- No. 5992. From Belu, Bakhtiari, May 8, 1940. A scraggly bush 7 feet high, growing on dry slopes; fruit yellow, edible.
141196. PRUNUS sp.
- No. 6204. *Alu*. From Tehran, June 22, 1940. Fruit globose, $1\frac{1}{2}$ inches across, maroon, firm, line on cheek but not indented; flesh sweet; flavor good.

141085 to 141198—Continued

141197. *PRUNUS* sp.

No. 6234. *Alu*. From Tehran, July 1, 1940. Fruit subglobose, $1\frac{1}{4}$ inches across, deep maroon; flesh sweet; flavor good.

141198. *PRUNUS* sp.

No. 7081. *Goje*. From Meshed, Khorassan, September 15, 1940. Fruit globose, $1\frac{1}{4}$ inches across, silky green with bloom, suture distinct; indifferent flavor.

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Peanut. See *Arachis hypogaea*.
Pennisetum ciliare, 139962-139965.
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Petroselinum crispum, 140940, 140941.
Phalaris tuberosa, 139984, 139985.
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Pigeon-pea. See *Cajanus cajan*.
Pistacia spp., 141158-141161.

Pisum sp., 140299.
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Plum. See *Prunus* sp.
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Poa pratensis, 139979.
Poppy, opium. See *Papaver somniferum*.
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Pumpkin. See *Cucurbita pepo*.
Pyrus sp., 139838.

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Radish. See *Raphanus sativus*.
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Rhamnus spp., 140944, 140945.
Rice. See *Oryza sativa*.
Rosa, 140126.
spp., 139865-139868, 140283, 140284, 140946, 141055, 141057-141062.
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Sasa sp., 139904.
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Schizostachyum dumetorum, 139903.
Semiarundinaria sp., 139906.
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Senna, wormwood. See *Cassia artemisioides*.
Stenobambusa spp., 139912, 139913.
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intermedia, 139908.
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Solanum, 139986-140010, 140469, 140470.
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Sorghum halepense, 139640.
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Specularia falcata, 140996.
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