Plant Inventory No. 151

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D. C., July 1951

PLANT MATERIAL INTRODUCED BY THE DIVISION OF PLANT EXPLORATION AND INTRODUCTION, BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING, AGRICULTURAL RESEARCH ADMINISTRATION,¹ JANUARY 1 TO DECEMBER 31, 1943 (Nos. 145639 to 147632)

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This inventory, No. 151, lists plant material (Nos. 145639 to 147632) received by the Division of Plant Exploration and Introduction during the period from January 1 to December 31, 1943. 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.

PAUL G. RUSSELL,
Botanist.

Plant Industry Station,
Beltsville, Md.

¹ Bureau of Plant Industry title changed Feb. 13, 1943.
145639 to 145646.

From Ecuador. Seeds collected by A. G. Kevorkian, Balzapamba. Received January 26, 1943.
145639. CINCHONA sp. Rubiaceae. Tree No. 1.
145640. CINCHONA sp. Tree No. 2.
145641. CINCHONA sp. Tree No. 4.
145642. CINCHONA sp. Tree No. 6.
145643. CINCHONA sp. Tree No. 7.
145644. CINCHONA sp. Tree No. 8.
145645. CINCHONA sp. Tree No. 9.
145646. CINCHONA sp. Tree No. 10.


145648. PELTOGYNE sp. Caesalpiniaceae.

From Brazil. Seeds collected by Dr. Karl D. Butler, Salvador, Bahia. Received February 2, 1943.

Pau Brasil or Pau Roxa. The tree yields one of the best woods of Brazil; very hard, heavy, purple in color, and of handsome grain.

145649. MALVA PARVIFLORA L. Malvaceae.

From California. Seeds presented by Dr. H. L. Mason, University of California, Berkeley. Received January 27, 1943.

Castilian mallow.
For previous introduction see 144155.

145650. HIBISCUS CANNABINUS L. Malvaceae.


145651. SOLANUM. Solanaceae.

From Chile. Tubers presented by F. Mujica R., Departamento de Sanidad Vegetal, Santiago. Received January 18, 1943.

145652. TARAXACUM MEGALORRHIZON (Forsk.) Hand.-Mazz. Cichoriaceae.

From the Union of Soviet Socialist Republics. Received February 8, 1943.
Krimsaghyz.
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145653 to 145673. SACCHARUM. Poaceae. Sugarcane.
From Colombia. Cuttings presented by the Estación Agrícola Experimental de Palmira, Cali. Received February 8, 1943.

145653. E.P.C. 1618.
145654. E.P.C. 2027.
145655. E.P.C. 2058.
145656. E.P.C. 2059.
145658. E.P.C. 4159.
145659. E.P.C. 4415.
145660. E.P.C. 4637.
145661. E.P.C. 5850.
145662. E.P.C. 5990.
145663. E.P.C. 6219.

145664. E.P.C. 10.788.
145666. E.P.C. 18.899.
145667. E.P.C. 15.220.
145669. E.P.C. 15.421.
145670. E.P.C. 16.263.
145673. E.P.C. 17.150.

From Argentina. Seeds presented by Enrique F. Schultz, Director-interino, Estación Experimental Agrícola, Tucumán. Received February 2, 1943.

From Cuba. Seeds presented by Gerardo Riesgo, Santa Clara. Received February 9, 1943.

145676. ALLIUM SATIVUM L. Liliaceae. Garlic.

The seed was derived from a variety of garlic known originally as Cateto, and now named Pelotas.

145677. LANDOLPHIA sp. Apocynaceae.
From Brazil. Seeds presented by J. T. Baldwin, Jr., through the American Vice Consulate, Manaus, Amazonas. Received February 11, 1943.

145678 to 145732.
From Asia and Africa. Seeds collected by J. G. Hamilton, Soil Conservation Service, United States Department of Agriculture. Received February 18, 1943.

Unless otherwise stated all numbers are from Saudi Arabia.

145678. ACACIA sp. Mimosaceae.
No collection number.

145679. ACACIA sp.
No. 4.

145680. ALTHAEA sp. Malvaceae.
No. 21. A small, yellow, flowering shrub resembling a mallow.

145681. ARACHIS HYPOGAEA L. Fabaceae. Peanut.
No. 32. From the Agricultural Mission, Egypt.
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145678 to 145732—Continued

145682. ASCLEPIAS sp. Asclepiadaceae.
   No. 1. From Gizzan; large shrubby milkweed.

145683. CARICA PAPAYA L. Papayaceae. Papaya.

   No. 44. Hubub. Grows all over Arabia, especially on desert following
   rains.

145685. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.
   No. 48. From Ka Tief; Persian melon.

145686. DOLICHOS LABLAB L. Fabaceae. Hyacinth-bean.
   No. 9. From Biesha; a rank-growing vine.

145687. ERAGROSTIS sp. Poaceae. Grass.
   No. 7. From a valley above Biesha; a coarse grass, water table 12 feet
   below surface.

145688. EREMURUS sp. Liliaceae.
   No. 28. Sabbar. From Baish. A native of the Sudan.

145689 to 145692. GOSSYPIUM. Malvaceae. Cotton.
   145689. No. 42. From Ashmouni, Egypt.

   No. 5. From Khamis Machet. A fall barley; altitude 6,100 feet.

145694. HORDEUM sp.
   No. 43. Beladi No. 16. From Egypt.

145695. HYPHAENE sp. Phoenicaceae. Palm.

145696. HYPHAENE sp.

145697. INDIGOPOPA sp. Fabaceae.

145698 and 145699. MEDICAGO SATIVA L. Fabaceae. Alfalfa.
   145698. No. 8. From Khamis Machet; altitude 6,100 feet.
   145699. No. 17. From Nejron; elevation 4,000 feet.

145700. PHASEOLUS VULGARIS L. Fabaceae. Common bean.
   No. 31. From Abha.

145701. PROSOPIPS sp. Mimosaceae.

145702. RICINUS COMMUNIS L. Euphorbiaceae. Castor-bean.
   No. 31. Hindi 12. From Egypt.

145703. RUMEX sp. Polygonaceae.
   No. 15. From Washrs, Abjse. Altitude 7,000 feet.

145704. SACCHARUM SPONTANEUM L. Poaceae.
   From Tureda. A tall-growing grass exceptionally good for weaving.

145705. SESBANIA sp. Fabaceae.
   No. 49. From Ka Tief.

145706. From Abha. White durra, season 6 months.
145707. From Khamis Machet; drought-resistant; seed used as food.
145708. No. 6. From Khamis Machet; altitude 6,100 feet.
145709. No. 12-A. From Darb; altitude 1,070 feet. A brown milo 10 to 12 feet high.
145710. No. 12-B. From Abha. A white milo; altitude 6,500 feet.
145712. No. 22. From Nyron. A white grain sorghum.
145713. No. 29. From Abha. A yellow milo.
145714. No. 33. From Abha. Durra, season 4 months.
   No. 26. From Gizzan. A legume that soon covers abandoned dry farm-
   land.
   For previous introduction see 117932.
   From Abha; altitude 7,700 feet.
145718. From Abha.
145720. No. 25. From Khamis Machet. A spring wheat.
145722. No. 34. From Abha. A spring wheat.
145723. No. 36. From Abha.
145724. No. 37. From Abha.
145727. No. 32.
145728. No. 38. From Egypt.
145729. No. 23. From Sabiya.
145731. No. 46. From Ka Tief.
145732. No. 47. From Ka Tief.
   From Mexico. Seeds presented by the Director General of Agriculture, San
   Jacinto, D. F. Received February 13, 1943.
   For previous introduction see 136428.
   From the Belgian Congo. Seeds presented by the Director General du Comité
   Spécial du Katanga. Received February 13, 1943.
145734 to 145737—Continued

145734. No. 2. Kalulake.
145735. No. 3. Kamasaka.
145737. No. 4. Lomami.

145738 to 145744.
From Honduras. Seeds presented by H. V. Geib, Tegucigalpa. Received February 11, 1943.
145743. Solanum sp. Solanaceae.

145745. Alchemilla sp. Rosaceae.
From Peru. Seeds presented by C. Vargas, Cuzco. Received February 19, 1943.
No. 3049. Collected in Pujyura, Province of Anta, Cuzco, January 24, 1943, on rocky slopes, at an altitude of 3,400 m.

145746 to 145754.
From England. Seeds obtained through Dr. F. W. Sansome, University of Manchester, Manchester. Received February 19, 1943. Unless otherwise stated all numbers are from England.
145746. Scopolymus maculatus L. Cichorieae.
From the Royal Botanic Gardens, Kew.
145747. From the Botanic Gardens, Glasnevin, Dublin, Ireland.
145748. From Carters’ Seed Co., London.
For previous introduction see 109950.
145750. From the Royal Botanic Gardens, Kew.
For previous introduction see 143676.
145751 and 145752. Tragopogon pratensis L.
145751. (1937) From Manchester.
145752. (1939) From Manchester.
145753. Tragopogon sp.
From the Botanic Gardens, Glasnevin, Dublin.
145754. Tragopogon sp.
(1937) From Manchester.
145755. Tragopogon sp. Cichorieae.
From Kansas. Seeds presented by Oliver L. Stafford, Republic, through L. G. Polhamus, Division of Rubber Investigations. Received February 25, 1943.
145756 to 145759.
From Argentina. Seeds presented by Jorge Bunge, Buenos Aires. Received February 2, 1943.
145758. *Senecio crassiflorus* DC. Asteraceae.

From Brazil. Seeds presented by the Ministerio da Agricultura, Instituto Agronomico do Norte, Belem, Para. Received February 23, 1943.
145760. *Jacatupé de semente preta*.
145761. *Jacatupé de semente vermelha*.

From the Union of South Africa. Seeds presented by the South African Sugar Association Experiment Station, Mount Edgecombe. Received March 1, 1943.
145762. Brown sweet sorghum (Belgian Congo).
145763. *Idomba* or *Inhlwenga*. Sweet (South Africa).
145764. *Isiboyana*. Sweet (South Africa).
145765. *Iyenda*. Sweet (South Africa).

From Missouri. Tree obtained from Stark Bros. Nursery, Louisiana. Received March 11, 1943.
*Wilson Delicious*.

145773. *Sweet September*. From Bunting Nursery, Selbyville, Del.
145774. *Sweet September*. From Bountiful Ridge Nursery, Maryland.

From India. Seeds presented by the Silviculturist, Bombay Province, Poona, through American Board of Economic Warfare Consul, Karachi. Received March 10, 1943.
An erect woody climber of unknown nativity, but now cultivated in many places in the Tropics as an ornamental. The reddish-purple flowers, becoming pale pink, are about 2 inches across and are produced in short, spreading cymes. The plant is also cultivated for the rubber obtained from the juice.
For previous introduction see 145096.
From the Territory of Hawaii. Seeds presented by the Experiment Station of the Hawaiian Sugar Planters' Association, Honolulu. Received March 10, 1943.

145776. TH 369. (Cherry × Marglobe) × Filipino. Seeds from F₁ plant.

145777. TH 370. 39W23 (Cherry × Valiant). Seeds from F₁ plant.


145779. TH 765. (German Sugar × Stokedale) × Bounty. Seeds from F₁ plant.

145780. TH 800. (German Sugar × Filipino) × (Gardner × Bounty) × 39W16. Seeds from F₂ plant.

145781. TH 833. (Cherry × Marglobe) × Filipino. Seeds from F₂ plant.

145782. PHYSALIS PERUVIANA L. Solanaceae. Peruvian groundcherry.

From India. Seeds presented by E. R. Turner, New York, N. Y. Received March 10, 1943.

For previous introduction see 135918.

145783. PENNISETUM CILIARE (L.) Link (P. cenchroides L. Rich.). Poaceae.

From the Union of South Africa. Presented by the McGregor Museum, Kimberley. Received March 10, 1943.

Typical Karoo.

For previous introduction see 142292.


From Bolivia. Seeds presented by Dr. Martin Cárdenas, Cochabamba. Received March 10, 1943.

No. 37. Sackampaya. From Oruro and Potosi, Altiplano de la Paz; at 2,560 m. altitude. A potato of agreeable flavor that gives a good yield without fertilizer. Received under the varietal name "bolivianum," for which a place of publication has not been found.


From Australia. Seeds presented by the Department of Agriculture and Stock, Brisbane. Received March 19, 1943.

For previous introduction and description see 145775.


From Cascalote, south of Los Mochis. A shrub or sometimes a large tree, usually very spiny, with very rough gray bark and bipinnate leaves, the pinnae 2 to 5 pairs and up to 1 inch long. The large yellow-red flowers are in long racemes, and the pods, 4 to 6 inches long, contain about 48 percent of tannin. Native to Mexico.

145787. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From New Jersey. Trees presented by Dr. M. A. Blake, New Jersey Agricultural Experiment Station, New Brunswick. Received March 30, 1943.

Fireglow × Frost.
145788. CORIANDRUM SATIVUM L. Apiaceae. **Coriander.**
From Haiti. Seeds presented by Alix Large, Head Horticulturist, Port-au-
Prince. Received March 19, 1943.

145789. CINCHONA PUBESCENS Vahl (C. succirubra Pav.). Rubi-
aceae.
From Honduras. Seeds presented by Dr. Wilson Popenoe, Escuela Agrícola
Panamericana, Tegucigalpa. Received March 23, 1943.
For previous introduction see 144659.

145790. CINCHONA PUBESCENS Vahl (C. succirubra Pav.). Rubi-
aceae.
From Guatemala. Seeds presented by F. Rosengarten, Chicacao, Suchitepe-
quez, through Gerald A. Drew, American Legation. Received March 25,
1943.
For previous introduction see 145789.

145791. PACHYRHIZUS EROSUS (L.) Urban (Cacara erosa (L.)
Kuntze). Fabaceae. **Yam-bean.**
From El Salvador. Seeds obtained through the Office of Foreign Agricultural
Relations, United States Department of Agriculture. Received March 23,
1943.

145792. ENCEPHALARTOS HILDEBRANDTHI × CERATOZAMIA MEXI-
CANA. Cycadaceae.
Garden, Bronx Park. Received March 30, 1943.

145793 and 145794.
From the Union of South Africa. Seeds presented by the McGregor Museum,
Kimberley. Received March 4, 1943.

145793. ERAGROSTIS LEHMANNIANA var. AMPLA Stapf. Poaceae. **Grass.**
For previous introduction see 144308.

145794. PANICUM MINUS var. PLANIFOLIUM Stapf. Poaceae. **Grass.**
For previous introduction see 142980.

145795. CROTALARIA JUNCEA L. Fabaceae. **Sunn-hemp.**
From the Virgin Islands. Seeds presented by R. Norman Skeoch, Director,
Agricultural Experiment Station, Christiansted, St. Croix. Received
April 13, 1943.
A plant cultivated for its fiber and as forage.
For previous introduction see 133086.

145796. CHAMAEDOREA STOLONIFERA Wendl. Phoenicaceae. **Palm.**
From California. Plant presented by David Barry, Jr., Los Angeles. Re-
ceived June 8, 1943.

145797. URENA LOBATA L. Malvaceae.
From Cuba. Seeds presented by the Compañía de Fibras Cubanas Rial, Ha-
vana. Received April 9, 1943.
**Malva blanca.** An erect undershrub with cordate entire or lobed leaves 2
to 3 inches long, flowers 1 inch across, rose red at the base, and small fruits
armed with hooked bristles. Native to tropical Asia.
For previous introduction see 143342.
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145798. STRYCHNOS NUX-VOMICA L. Loganiaceae.
From Trinidad. Seeds presented by the Department of Agriculture. Received April 8, 1943.
For previous introduction see 110262.

From Mexico. Seeds presented by Raymond W. Schulz, Cuernavaca, Morelos, Received April 5, 1943.
For previous introduction see 145785.

145800 and 145801.
From Canada. Seeds obtained from the Provincial Seed Farm, MacDonald College, Quebec. Received April 1, 1943.

145800. PHLEUM PRATENSE L. Poaceae. Timothy.
Milton timothy.

145801. TRIFOLIUM PRATENSE L. Fabaceae. Red clover.
Dollard red clover.

145802 to 145809. TRITICUM AESTIVUM × TIMOPHEEVI. Poaceae.
From New South Wales. Seeds presented by the Department of Agriculture, Sydney. Received April 2, 1943.

145802. ((Dundee × Stein × Timopheevi × Dun × Nab) × Bena × Kenya) 2.

145803. ((Steinwedel × Timopheevi × Dundee) × Dundee × Nabawa) 6. C2-4-1-1-1.

145804. ((Stein × Timopheevi × Dundee) × Dundee × Nabawa) 6. C4-1-1-1-1.

145805. (Steinwedel × Timopheevi × Bena) 6. C1-5-1-1-1.

145806. (Steinwedel × Timopheevi × Dundee) 8. C4-2-1-1-1.

145807. (Steinwedel × Timopheevi) 6. C1-1-1-5.

145808. (Steinwedel × Timopheevi × Bena) 6. C3-1-2-1-1.

145809. (Steinwedel × Timopheevi) 6. C1-1-1-8.

145810 to 145815. PYRUS COMMUNIS L. Malaceae. Common pear.
From Iran. Seeds presented by Dr. Walter Koelz, Teheran; Agent, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received March 19, 1941; numbered April 5, 1943.
Collected at Saujbulagh, Azerbaijan, Dec. 4, 1940.

145810. Seedling No. 1. (Koelz 7584).

145811. Seedling No. 2. (Koelz 7584).

145812. Seedling No. 3. (Koelz 7584).

145813. Seedling No. 4. (Koelz 7584).

145814. Seedling No. 5. (Koelz 7584).

145815. Seedling No. 1. (Koelz 7585).

145816. HIBISCUS CANNABINUS L. Malvaceae. Ambari hemp.
From El Salvador. Received April 9, 1943.
For previous introduction see 144727.
From Madras, India. Received April 9, 1943.  
A small shrub that is one of the sources of the drug known as senna. It  
requires little irrigation, and is native to Arabia and East Africa.  
For previous introduction see 47974.

From Ontario. Scions presented by the Horticultural Experiment Station,  
Department of Agriculture, Vineland Station. Received April 13, 1943.  
145818. No. 29012. (Selected seedling of Bartlett x P.I. 26485).  
145819. No. 29014. (Selected seedling of Bartlett x P.I. 26485).  
145820. No. 29015. (Selected seedling of Bartlett x P.I. 26485).  
145821. No. 29018. (Selected seedling of Bartlett x P.I. 26485).  

From Mexico. Seeds presented by Raymundo W. Schulz, Cuernavaca, Morelos. Received April 8, 1943.

145823 to 145825. Zea Mays L. Poaceae. Corn.  
From Canada. Seeds presented by T. F. Ritchie, Central Experimental Farm,  
Division of Horticulture, Ottawa. Received April 15, 1943.  
145823. Dorick O-D-530.  
145824. Dorinny O-D-529.  
145825. Goldban Ste-C.  

145826 to 145830.  
From Ontario. Scions presented by G. H. Corsan, Echo Valley, Islington. Received April 20, 1943.  
145826. Gifford.  
145827. Learn.  
145828. Nielson.  
For previous introduction see 143883.

For previous introduction see 145555.

145830. Juglans Cordiformis var. Ailantifolia x Cineria.  
From India. Seeds obtained through the Board of Economic Warfare, Washington, D.C.  
For previous introduction see 145817.

From Colombia. Seeds presented by the Buga Experiment Station, Cauca Valley, through H. V. Geib, American Embassy, Bogotá. Received April 9, 1943.  
For previous introduction see 71388.

145833 to 145837.  
From Colombia. Seeds presented by the Rio Negro Experiment Station, Antioquia, through H. V. Geib, American Embassy, Bogotá. Received April 9, 1943.
PHASEOLUS VULGARIS L. Fabaceae. Common bean.

145834. No. 2. Cargamanto de Arbol. A low variety, not climbing.
145835. No. 3. Liborino. The best variety for yield and quality.
145836. No. 5. Mixed beans from the market in Rio Negro.

ZEA MAYS L. Poaceae. Corn.

Capia Capio. Native corn from near Medellín.

From Mexico. Seeds presented by E. Locke, Acapulco, Guerrero. Received April 23, 1943.


A large woody vine with broadly cordate, coarsely dentate leaves 3 to 6 inches long, densely tomentose beneath, and small red flowers in dense cymes. The round dark-red fruits are up to 1 inch in diameter. Native to southern Mexico.

For previous introduction see 145572.

ARISTOLOCHIA sp. Aristolochiaceae.

"Duck-head" flower.

CYDISTAAEQUINOCTIALIS (L.) Miers. Bignoniaceae.

A large woody vine with bifoliolate leaves; the ovate leaflets are 2 to 6 inches long. The large pink or pale-purple flowers are in few-flowered racemes. Native to tropical South America.

MANIHOT sp. Euphorbiaceae.

MIMOSA sp. Mimosaceae.

PASSIFLORA sp. Passifloraceae.

EUPHORBIA PULCHERRIMA Willd. Euphorbiaceae.

From Mexico. Cuttings presented by Herman Pitman, Chilpancingo, Guerrero, through Atherton Lee, War Production Board, Washington, D. C. Received April 23, 1943.

Received under the name "pitmania," for which a place of publication has not been found.

For previous introduction see 102281.

ZEA MAYS L. Poaceae. Corn.

From Hawaii. Seeds presented by A. J. Mangelsdorf, Experiment Station of the Hawaiian Sugar Planters' Association. Received April 26, 1943.


From China. Seeds obtained through the American Embassy, Chungking. Received April 17, 1943.

From El Salvador. Seeds presented by the Sección de Entomología de la Dirección de Agricultura, San Salvador. Received April 19, 1943.

145857 to 145859.

From Fiji. Seeds presented by K. A. Ryerson, through the American Consulate, Suva. Received April 21, 1943.

145857. **AMYGDALUS PERSICA** L. Amygdalaceae. Peach.

145858 and 145859 were presented by Harrison W. Smith, Papeari, Tahiti, Society Islands.


An erect shrub or small tree that has obtusely lobed leathery leaves, broader than long, and few-flowered clusters of pale-yellow flowers with the upper petals spotted maroon. Native to India.

For previous introduction see 116017.

145859. **JACQUEMONTIA PENTANTHA** (Jacq.) G. Don. Convolvulaceae.

An attractive greenhouse climber for summer and autumn flowering, with rich violet-blue flowers. Native to tropical America.

For previous introduction see 24595.


From Cuba. Seeds presented by the Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos. Received April 23, 1943.

145861. **LESPEDEZA CUNEATA** (Dum.-Cours.) G. Don. Fabaceae.

From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received April 29, 1943.


For previous introduction see 90362.

145862 to 145870. **ZEA MAYS** L. Poaceae. Corn.


145871 to 145880.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received April 16, 1943.


From Langholm Estate near Grahamstown, Cape Province. Grown from Australian seed.

For previous introduction see 143897.


Collected between Cape Town and Kimberley.

For previous introduction see 144307.

145873. **ERAGROSTIS BRIZANTHA** Nees.

A common veld grass from the Museum Garden.

For previous introduction see 144667.

145874. **ERAGROSTIS ECHINOCLOIDEA** Stapf.

From semicultivated land near Postmasburg.
145871 to 145880—Continued

145875. ERAGROSTIS LEHMANNIANA var. AMPLA Stapf.
For previous introduction see 144308.

145876. ERAGROSTIS LEHMANNIANA Nees.
From near Postmasburg; 10 inches rainfall.
For previous introduction see 144668.

145877. ERAGROSTIS POROSA Nees.
From the outskirts of Kimberley.
For previous introduction see 142054.

145878 and 145879. ERAGROSTIS SUPERBA Peyr.
An excellent native pasture grass, about 3 feet tall with broad compressed spikelets.
145878. From the Museum Garden.
145879. From Picardi, Kimberley.
For previous introduction see 142250.

145880. TARCHONANTHUS MINOR Less. Asteraceae.
A resin-scented shrub up to 7 feet high, with attractive woolly flower heads. It is drought-resistant, and is excellent stock feed.
For previous introduction see 145567.

145881. CERCIS OCCIDENTALIS Torr. Caesalpiniaceae.
California redbud.
From Maryland. Plants obtained by Claude Hope, the United States Plant Introduction Garden, Glenn Dale. Numbered April 30, 1943.
For previous introduction see 4018.

Sesame.
From Alabama. Seeds presented by R. E. Lambert & Sons, Darlington. Received May 1, 1943.
145882. Originally from Africa.
145883. Local stock.

145884. BAMBUSA sp. Poaceae.
Seedlings of P.I. No. 129598.

145885 to 145890. LYCOPERSICON ESCULENTUM Mill. Solanaceae.
Tomato.
From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville. Received May 1, 1943.
145885. Essar.
145886. Riverside.
145887. Glovel.
145888. Marglobe.
145889. Pan American.
145890. Pritchard.

145891 to 145902. SETARIA ITALICA × VIRIDIS. Poaceae.
Grass.
From China. Seeds presented by H. W. Li, Chengtu, through R. G. Johnson, Oregon Agricultural Experiment Station. Received April 26, 1943.
145891. F. No. 2222.
145892. F. No. 2323-1.
145893. F. No. 2323-2.
145894. F. No. 2325.
145895. P. No. 2333. 145899. P. No. 2339-1.
145898. P. No. 2338-1. 145902. P. No. 2341.

145903 to 145909. CRYPTOSTEGIA GRANDIFLORA R.Br. Asclepiadaceae. Palay rubber vine.
From Mexico. Seeds presented through the Rubber Development Corp., Washington, D. C. Received April 29, 1943.
Seeds collected in the State of Sinaloa.
145903. From Agua Caliente; January 1943.
145904. From Chametla; December 1942.
145905. From Chicura; January 1943.
145906. From La Novia; January 9, 1943.
145907. From Mazatlán; January 16, 1943.
145908. From Rosario; December 4, 1942.
145909. From Potrero; December 1942.
For previous introduction see 145799.

From California. Seeds presented by Rosenberg Bros. & Co., San Francisco. Received May 6, 1943.
Lady Washington.

145911 to 145914.
From Mexico. Seeds presented by Raymond W. Schulz, Cuernavaca, Morelos. Received May 6, 1943.
A handsome West Indian tree with striking dark-green leaves, copper-colored underneath. The dark-purple fruit is from 3 to 4 inches in diameter, and when fully ripe the white jellylike substance surrounding the seed is sweet and agreeable. The tree is well worth cultivating as an ornamental shade tree.
For previous introduction see 105456.
145912. DOMBEYA WALLICHII (Lindl.) Benth. & Hook. f. Sterculiaceae.
145913. HURA CREPITANS L. Euphorbiaceae. Sandboxtree.
For previous introduction see 110191.

145915. AVENA SATIVA L. Poaceae. Oats.
From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville. Received May 7, 1943.

145916. CEDRUS sp. Pinaceae.
From India. Seeds presented by the Government Gardens, Chaubattia, United Provinces, through W. R. Coe, New York, N. Y. Received May 7, 1943.

145917. HEVEA LUTEA (Benth.) Muell. Arg. Euphorbiaceae.
From Brazil. Plants presented by John T. Baldwin, Jr., Division of Rubber Investigations, United States Department of Agriculture. Received May 7, 1943.
145918. CRYPTOSTEGIA GRANDIFLORA R. Br. Asclepiadaceae. 
**Palay rubbervine.**

From the Bahamas, British West Indies. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville, Maryland. Received May 8, 1943.

For previous introduction see 145909.

145919. LUFFA AEGYPTIACA Mill. Cucurbitaceae. 
**Suakwa towelgourd.**

From New York. Seeds purchased from the Gulf & West Indies Co., Inc., New York City. Received May 10, 1943.

145920 and 145921. PHASEOLUS VULGARIS L. Fabaceae. 
**Common bean.**

From California. Seeds presented by Klein Bros., Stockton. Received May 12, 1943.

145920. *Bayo.*


145922 to 145924. CARICA PAPAYA L. Papayaceae. 
**Papaya.**

From Florida. Seeds presented by F. E. Gardner, Orlando. Received May 13, 1943.

145922. *Fairchild.*

145923. *Florida.*

145924. *Orlando.*

145925 to 145939. TRITICUM AESTIVUM L. Poaceae. 
**Common wheat.**

From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture. Received May 13, 1943.

145925. *Baart.*

145926. *Bunyip.*

145927. *Carleton.*

145928. *Ceres.*

145929. *Hope.*

145930. *Marquis.*

145931. *Merit.*

145932. *Merit × Thatcher.*

145933. *Mindum.*

145934. *Pilot.*

145935. *Regent.*

145936. *Rival.*

145937. *Stewart.*

145938. *Thatcher.*

145939. *White Federation 38.*

145940 and 145941.

From Guatemala. Seeds presented by the Dirección General de Agricultura, through Edwin A. Menninger, Stuart, Fla. Received May 4, 1943.

145940. PITHECELLOBIUM sp. Mimosaceae. 
*Palo obero.*

145941. TERMINALIA HAYESII Pittier. Combretaceae. 
*Voladora.*

145942. ZEA MAYS L. Poaceae. 
**Corn.**

From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville. Received May 15, 1943.

*Midland;* grown at Manhattan, Kans.
145943 to 145945. **Phaseolus vulgaris** L. Fabaceae.

**Common bean.**

From Tennessee. Seeds presented by A. B. Strand, Agricultural Experiment Station, Knoxville. Received May 15, 1943.

145943. *Golden Mung.*

145944. *Puerto Rico White.*

145945. *U. S. No. 5. Refugee selection.*

145946. **Duboisia hopwoodi** F. Muell. Solanaceae.

From New South Wales. Seeds presented by W. Poggendorff, Department of Agriculture, Sydney. Received May 7, 1943.

145947 and 145948.

From Iran. Seeds presented by Dr. Walter Koelz, Teheran, through Capt. Henry Dawes, Headquarters, Railway Express Service, New York, N. Y. Received May 8, 1943.

145947. *Albizzia* sp. Mimosaceae.

From Manzanderan Province.

145948. *Amygdalus* sp. Amygdalaceae.

From near Brujird, Luristan. A wild almond.

145949 to 145965. **Luffa aegyptiaca** Mill. Cucurbitaceae.

**Suakwa towelgourd.**

From Jamaica. Seeds presented by the Department of Science and Agriculture, Kingston. Received May 11, 1943.


145950. No. 2. Collected at Malver, St. Elizabeth, October 6, 1942. Altitude 2,000 feet; fruit 7 inches long.

145951. No. 3. Collected at Anchovy, St. James, January 3, 1943. Altitude 1,000 feet; fruit 6 inches long.


145953. No. 5. Collected at Maroon Town, January 3, 1943.

145954. No. 6. Collected at Porus, Clarendon, February 27, 1943. Fruit from 10 to 12 inches long.

145955. No. 7. Collected at Brown's Hall, August 3, 1943. Fruit 7 inches long.

145956. No. 8. Collected at Linstead, St. Catherine, February 27, 1943. Fruit 10 inches long.


145959. No. 11. Collected at Lacovia, St. Elizabeth, June 3, 1943. Fruit 17½ inches long.


145949 to 145965—Continued


145966. DROSA RAF. Droseraceae.

From New Jersey. Seeds purchased from Rex D. Pearce, Moorestown. Received May 17, 1943.

145967 to 145979. JUGLANS REGIA L. Juglandaceae.

Persian walnut.


145967. Selection (D-35–13) from P.I. 110022.

145968. Selection (D-35–15) from P.I. 110023.

145969. Selection (D-35–16) from P.I. 110024.

145970. Selection (D-35–19) from P.I. 110025.

145971. Selection (D-35–22) from P.I. 110028.

145972. Selection (D-35–24) from P.I. 110029.

145973. Selection (D-35–25) from P.I. 110029.

145974. Selection (D-35–26) from P.I. 110030.

145975. Selection (D-35–28) from P.I. 110031.

145976. Selection (D-35–31) from P.I. 110032.

145977. Selection (D-35–32) from P.I. 110033.

145978. Selection (D-36–2) from P.I. 110049.

145979. Selection (D-36–4) from P.I. 110050.

145980 and 145981.

From Cuba. Seeds presented by Dr. Julian Acuna Gale, Agricultural Experiment Station, Santiago de las Vegas. Received May 14, 1943.

145980. GLIRICIDIA SEPIUM (Jacq.) Kunth (G. maculata H.B.K.) Fabaceae.

A small tree up to 30 feet high, with alternate compound leaves. The flowers resemble those of the black locust in size but are pink.

For previous introduction see 123214.

145981. PACHYRHIZUS EROSUS (L.) Urban (Cacara erosa (L.) Kuntze). Fabaceae.

Yam-bean.

145982 and 145983.

From Florida. Seeds growing at the United States Plant Introduction Garden, Coconut Grove. Received May 18, 1943.

145982. EUPHORBIA INTISY Drake. Euphorbiaceae.

An arborescent succulent about 12 feet high, native to southern Madagascar. It has gray bark, dichotomous or somewhat whorled branches, and minute scattered leaves. The small inconspicuous greenish flowers are in very short cymes near the tips of the branches. At one time this was the most important rubber plant of Madagascar.

For previous introduction see 112196.
20 PLANT INVENTORY NO. 151

145982 and 145983—Continued

A medium-sized tree, native to southern Brazil, with a rather dense crown of large 5-lobed peltate leaves, the lobes of which are 3 to 4 inches long. The bark is smooth, shiny brown, with a tendency to peel loose around the trunk, strongly resembling cherry-tree bark. The fruits are round, smooth capsules.

For previous introduction see 124805.

145984. JUGLANS REGIA L. Juglandaceae. Persian walnut.
Selection (D–18–17) from P.I. 102090.

From Arizona. Seeds presented by Ian A. Briggs, University of Arizona, Tucson. Received May 21, 1943.
145985. Breve Chico.
145986. Espanol Grande.
145987. Espanol Breve.

145988 to 145992.
From the Union of South Africa. Seeds presented by Dr. I. B. Pole Evans, Irene, Transvaal, through Charles A. Heath, Chicago, Ill. Received May 15, 1943.
145988. CYNODON sp. Poaceae. Stargrass.
From Fort Portal.
145989. CYNODON sp.
From Lake Shirwa.
145990. CYNODON sp.
From Matombara.
145991. CYNODON sp.
From Morotoo.
145992. CYNODON sp.
From Vandasi.

145993. CASSIA ANGUSTIFOLIA Vahl. Caesalpiniaceae.
From India. Seeds obtained through the Board of Economic Warfare, Washington, D. C.
For previous introduction see 145831.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received May 17, 1943.
For previous introduction see 145879.

From Florida. Seeds growing at the United States Plant Introduction Garden, Coconut Grove. Received May 21, 1943.

145996 to 146113.
From Iran. Seeds presented by Dr. Walter Koelz, Teheran. Received May 17, 1943.
Material collected in Breyird, Luristan, unless otherwise mentioned.
AMYGDALUS PERSICA L. Amygdalaceae. Peach.

145996. No. 8164. August 6, 1942. Fruits subglobose, 2½ inches long, green yellow tinged red; flesh white, stained red at pit; freestone; good.

145997. No. 8169. August 7, 1942. Fruit subglobose, 2 inches long, pale yellow, sometimes with a purple cheek; flesh white; freestone; flavor sweet.

145998. No. 8181. August 22, 1942. Fruit subglobose, 2½ inches long, yellow with red cheek; flesh white, stained crimson at the free pit, juicy; flavor good; seed edible.

145999. No. 8184. August 24, 1942. Fruits subglobose, 3 inches long, green yellow heavily colored with crimson; flesh white, juicy; flavor good, kernel sweet.

146000. No. 8185. August 24, 1942. Fruit globose, 2 inches long, pale yellow washed crimson; flesh white, flavor good; freestone.

146001. No. 8188. August 31, 1942. Fruits amygdaloid, 2 inches long, green yellow washed crimson; flesh white, flavor good; freestone.

146002. No. 8189. September 1, 1942. Fruit subglobose, 3 inches long, green yellow heavily washed crimson; flesh white, tinted red at pit, juicy; flavor good; freestone; seed edible.

146003. No. 8193. September 2, 1942. Fruit globose, 2½ inches long, spherical in cross section, green yellow; flesh white, flavor excellent; freestone.

146004. No. 8208. September 11, 1942. A mixture of fruits, 1½ to 2½ inches long, mostly pale lemon; flesh white; freestone; season late.

146005. No. 8209. September 11, 1942. Fruit subglobose, 2½ inches long, pale lemon; flesh white; freestone; seed edible; season late.

146006. No. 8213. September 15, 1942. Fruit subglobose, 3 inches long, green; flesh green; flavor good; freestone; season late.

146007. No. 8216. September 15, 1942. Fruit subglobose, 2½ inches long, yellow green marked crimson; flesh white, stained at free pit; flavor good.

146008. No. 8219. September 16, 1942. Fruit subglobose 2½ inches long, pale yellow; flesh white; flavor good; freestone; season late.

146009. No. 8221. September 17, 1942. Fruits elongate, 3 inches long, pale lemon; flesh white, stained at pit; flavor good; late season.

146010. No. 8222. September 17, 1942. Fruit globose, 2 inches long, pale lemon marked pink; flesh white, stained at pit, very juicy; season late.

146011. No. 8223. September 17, 1942. Fruit subglobose, 2½ inches long, pale lemon with crimson cheek; flesh greenish white, pit somewhat stained; flavor good; season late.

146012. No. 8225. September 22, 1942. Fruit subglobose, 2½ inches long; flesh greenish; flavor good; season late.

146013. No. 8230. September 30, 1942. Fruit globose, 1½ inches long, pale lemon; flesh white; seed pale and very small.

146014. No. 8231. September 30, 1942. Fruit elongate, 1½ inches long, pale lemon, heavily marked crimson; flesh white, stained at the crimson pit.

AMYGDALUS PERSICA var. NECTARINA Ait. Nectarine.

146015. No. 8157. August 3, 1942. Fruit 2 inches long, colored partly rich purple crimson and partly handsome yellow green; flesh yellow green, stained crimson at pit; freestone; season early; flavor good.
146016. No. 8161. August 5, 1942. Fruit globose, 2½ inches long, half green yellow, half crimson; freestone; flesh white, stained red at pit; flavor very good.

146017. No. 8173. August 12, 1942. Fruit globose, 2½ inches long, half crimson, half green yellow; flesh white, stained crimson at pit; flavor good.

146018. No. 8174. August 14, 1942. Fruit elongate, 2½ inches long, pale green yellow with faint washes of crimson; flesh white, stained at pit; freestone; flavor good.

146019. No. 8175. August 14, 1942. Fruit globose, 2½ inches long, deep maroon; flesh white, heavily stained at pit; flavor very good.

146020. No. 8177. August 20, 1942. Fruit subglobose, 2¾ inches long, half green yellow, half crimson; flesh white, stained at pit; freestone; flavor good.

146021. No. 8182. August 22, 1942. Fruit subglobose, 1¼ inches long, green yellow; freestone; flesh entirely white; flavor excellent.

146022. No. 8191. September 1, 1942. Fruit subglobose, 2 inches long, pale yellow; flesh white; freestone; flavor good; season late.

146023. No. 8192. September 2, 1942. Fruit subglobose, 2¼ inches long, green, sometimes tinted red; freestone; flavor good.

146024. No. 8194. September 3, 1942. Fruit elongate, 2 inches long, pale yellow, heavily washed crimson; flesh white; clingstone; flavor good.

146025. No. 8195. September 4, 1942. Fruit subglobose, 2 inches long, pale yellow, heavily washed crimson; flesh white; freestone; flavor good.

146026. No. 8198. September 5, 1942. Fruit globose, beaked, heavily washed maroon; flesh green white; freestone; season late.

146027. No. 8201. September 6, 1942. Fruit globose, 2 inches long, half green yellow, half crimson; flesh white, somewhat stained red at the free pit; flavor good; season late.

146028. No. 8203. September 8, 1942. Fruit globose, beaked, 2 inches long, pale lemon; flesh white; flavor good; season late.

146029. No. 8204. September 8, 1942. Fruit subglobose, 2½ inches long, pale lemon, irregularly splashed crimson; flesh white, somewhat stained at pit; flavor good; season late.

146030. No. 8207. September 9, 1942. Fruit globose, 2 inches long, green yellow, crimson cheek; flesh green, tinted crimson at pit; flavor good; season late.

146031. No. 8214. September 15, 1942. Fruit subglobose, 2¼ inches long, pale lemon, heavily washed crimson; flesh green, stained crimson at pit; freestone; flavor good; season late.

146032. No. 8215. September 15, 1942. Fruit globose, 2 inches long, pale yellow, heavily clouded crimson; flesh white; freestone; flavor good; season late.

146033. No. 8218. September 15, 1942. Fruit subglobose, 2¼ inches long, green, with maroon cheek; flesh green; flavor good.

146034. No. 8220. September 17, 1942. Fruit elongate, 2½ inches long, beaked, pale lemon washed crimson; flesh yellow white, slightly stained at pit; flavor excellent; season late.

146035. No. 8224. September 17, 1942. Fruit subglobose, 2¼ inches long, pale yellow, heavily washed crimson; flesh yellowish, stained at pit; flavor good; season late.
CITRULLUS VULGARIS Schrad. Cucurbitaceae.

**Watermelon.**

146036. No. 8162. August 5, 1942. Fruit globose, 10 inches long, pea green with narrow grass-green stripes; rind \( \frac{\frac{1}{4}}{4} \) inch thick; flesh rose; flavor sweet; season early, ripening with the late apricots.

146037. No. 8163. August 6, 1942. Fruit globose, 7 inches long, sea green with leopard-spot grass-green nettings; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh rose; very seedy; quality good; season early.

146038. No. 8167. August 8, 1942. Fruit globose, 9 inches long, sea green lined irregularly darker; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh rose, sweet flavor; season early.

146039. No. 8170. August 7, 1942. Fruit globose, 9 inches long, sea green; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh yellow, flavor fair; season early.

146040. No. 8172. August 12, 1942. Fruit globose, 10 inches long, sea green with narrow, darker stripes; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh rose, sweet; flavor good.

146041. No. 8180. August 20, 1942. Fruit globose, 9 inches long, grass green; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh rose, sweet.

146042. No. 8187. August 28, 1942. Fruit globose, 9 inches long, sea green; rind \( \frac{\frac{1}{4}}{4} \) inch thick; flesh pink at center and apricot to yellow at rind, sweet; quality good; seedy.

146043. No. 8196. September 4, 1942. Fruit globose, 9 inches long, pea green with narrow, darker stripes; rind \( \frac{\frac{1}{4}}{4} \) inch thick; flesh apricot pink; flavor good.

146044. No. 8202. September 7, 1942. Fruit globose, 8 inches long, pea green, with broad, darker, irregular patch-stripes; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh pink; flavor good.

146045. No. 8206. September 9, 1942. Fruit globose, 11 inches long, black green, with broad, paler stripes; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh pale rose; flavor good.

146046. No. 8212. September 15, 1942. Fruit 8½ by 5½ inches thick, pea green marked darker; rind \( \frac{\frac{1}{4}}{4} \) inch thick; flesh apricot pink, sweet; flavor good.

146047. No. 8217. September 15, 1942. Fruit globose, 9 inches long, grass green with paler leopard spots; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh pink; flavor fair.

146048. No. 8226. September 22, 1942. Fruit elongate, 9 by 7 inches, pea green, marked heavily darker; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh pink; flavor good.

146049. No. 8227. September 27, 1942. Fruit 17 by 6½ inches, grass green with narrow, paler stripes; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh yellow, low in sugar; flavor good.

146050. No. 8228. September 30, 1942. Fruit globose, 9 inches long, equal stripes of pea and grass green; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh pink; flavor good.

146051. No. 8229. September 30, 1942. Fruit 11 by 6 inches, pea green; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh yellow; flavor good.

146052. No. 8232. September 30, 1942. Fruit 12 by 8 inches, equal stripes of pea and grass green; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh pink; flavor good.

146053. No. 8233. October 1, 1942. Fruit globose, 7 inches long, grass green with paler leopard spots; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh pink; flavor good.

146054. No. 8238. October 10, 1942. Fruit globose, 8 inches long, sea green with narrow darker stripes; rind \( \frac{\frac{1}{2}}{2} \) inch thick; flesh rose; flavor good.
145996 to 146113—Continued

146055. No. 8239. October 11, 1942. Fruit globose, 8½ inches long, sea green; rind ½ inch thick; flesh pink; flavor good; winter sort.

146056. No. 8241. October 20, 1942. Fruit globose, 9½ inches long, pale green with narrow, darker ribs; rind ¼ to ½ inch thick; flesh handsome pink; quality excellent.

146057. No. 8158. August 3, 1942. Fruit flattened, 7 by 4 inches, deeply ribbed, heavily netted, gold blotched orange red; flesh 2 inches thick, white.

146058. August 6, 1942. Fruit elongate, 8 by 6 inches, closely netted, unribbed, gold yellow; flesh 2 inches thick, salmon, firm; flavor good; season early.

146059. No. 8178. August 20, 1942. Fruit 12 by 4½ inches, tapering at both ends, pale yellow, heavily netted; flesh 1¼ inches thick, crisp, sweet.

146060. No. 8197. September 4, 1942. Fruit elongate, 9 by 7 inches, yellow, netted; flesh 1½ inches thick, white; flavor good; good keeper.

146061. No. 8200. September 5, 1942. Fruit globose, 7 inches long, heavily netted, yellow; flesh 1½ inches thick, white, sweet; fragrant and a good keeper.

146062. No. 8205. September 9, 1942. Fruit subglobose, 8½ inches long; yellow, coarsely netted; flesh 2 inches thick, white; flavor good; good keeper.

146063. September 11, 1942. Fruit somewhat flattened, 7½ by 9½ inches, golden yellow, coarsely netted; flesh 2½ inches thick, white, sweet; good keeper.

146064. No. 8211. September 12, 1942. Fruit ovoid, 13 inches long, golden yellow, sparsely netted; flesh 2¼ inches thick, white, sweet.

146065. No. 8236. October 10, 1942. Fruit globose, 8 inches long, lemon and green, sparsely netted; flesh 2 inches thick, white, sweet.

146066. No. 8237. October 10, 1942. Fruit subglobose, 9 inches long, golden yellow, sparsely netted; flesh 2 inches thick, salmon, sweet; good keeper.

146067. No. 8240. October 18, 1942. Fruit flattened 7 by 9 inches, golden yellow, coarsely netted; flesh 2 inches thick, white, sweet; winter sort.

146068. Ficus sp. Moraceae. Fig.

No. 8160. August 4, 1942. Fruit 2 inches long, red purple; flesh white; seeds tinged red purple; season early; quality good.

Nos. 146069 to 146082 were from Karaj, January 25, 1943.


146069. No. 8242.

146070. No. 8244.

146071. No. 8246.

146072. No. 8247.

146073. No. 8248.

146074. No. 8249.

146075. No. 8250.

146082. Lactuca sp. No. 8245.
145996 to 146113—Continued

146083 to 146094. **LYCOPERSICON ESCULENTUM** Mill. Solanaceae. Tomato.

146083. No. 8165. August 6, 1942. Fruit flattened, 3 inches in diameter, solid, carmine; flavor good.

146084. No. 8166. August 6, 1942. Fruit flattened, 2½ inches in diameter, solid, orange red; flavor good; a rare type.

146085. No. 8186. August 26, 1942. Fruit flattened, 1 to 2 inches in diameter, yellow; rare.

146086. No. 8190. September 1, 1942. Fruit pyriform, 2½ inches in diameter, pink; yields 50 percent more paste than flat sorts.

Nos. 146087 to 146094 were collected in Karaj on January 25, 1943.

146087. No. 8256. Fruit large; season early.


146089. No. 8258. *Egyptian*.

146090. No. 8259. Fruit large, few seeded.

146091. No. 8260. Fruit of irregular shape, red.

146092. No. 8261. *Yellow Lemon*.

146093. No. 8262. *Kabobi*.


146095. **MORUS** sp. Moraceae.

No. 8199. September 5, 1942. Fruit subglobose, 1 inch in diameter, red black; flavor pleasantly acid.

146096 to 146103. **PRUNUS ARMENIACA** L. Amygdalaceae. Apricot.

146096. No. 8126. July 28, 1942. Fruit amygdaloid, 2 inches in diameter; yellow with deep red blush; flesh pale yellow, fiberless; flavor good.

146097. No. 8147. July 21, 1942. Fruit globose, 2 inches in diameter, yellow with red blush; flesh yellow, fiberless, sweet; flavor good; season late.

146098. No. 8151. July 23, 1942. Fruit subglobose, 1½ inches in diameter, yellow, pink with blush; flesh yellow, firm; flavor good, sweet; season late.

146099. No. 8152. July 24, 1942. Fruit amygdaloid, 2 inches in diameter, shapely, pale yellow, tinged pink on cheek; flesh white; flavor good; season late.

146100. No. 8153. July 28, 1942. Fruit amygdaloid, 2 inches in diameter, shapely, pale gold more or less with pink blush; flesh yellow; flavor good; season late.

146101. No. 8154. July 31, 1942. Fruit 1¾ inches in diameter, strongly compressed, golden yellow with red blush; flesh golden yellow, fiberless, sweet; season late.

146102. No. 8155. August 3, 1942. Fruits mixture of late-season types; mostly compressed, golden yellow with red blush; quality good.

146103. No. 8159. August 4, 1942. Fruit globose, 1¾ inches in diameter, pale yellow with dark red blush; flesh white, fiberless, unusually sweet; season late.

146104 to 146106. **PRUNUS CERASIFERA** Ehrh. Myrobalan plum.

146104. No. 8156. August 3, 1942. Fruit subglobose, 2 inches in diameter, deep red purple; flesh yellow green; quality good.

146105. No. 8176. August 14, 1942. Fruit globose, 1¾ inches in diameter, deep red purple; flavor good.

146106. No. 8264. January 25, 1943. Fruit (when dry) globose, 1¾ inches in diameter, red black, fleshy; retains sweetness when cooked.

For previous introduction see 143393.
146107 to 146109. *Prunus domestica* L.  
Common plum.


146108. No. 8171. August 8, 1942. Fruit 1½ inches in diameter, red purple; quality good.

146109. No. 8183. August 24, 1942. Fruit globose, 1 inch in diameter glaucous blue black; flesh greenish; flavor good.

146110. *Prunus* sp.

No. 8234. October 1, 1942. Fruit ovoid, 1¼ inches in diameter, golden yellow; flavor good.

146111. *Prunus* sp.

No. 8235. October 5, 1942. Fruit ovoid, 1¾ inches in diameter, golden yellow; flavor good.

146112. *Triticum* sp. Poaceae.

No. 8267. February 3, 1943. An excellent wheat with flat broad heads up to 5¾ inches long, black and white; husk white.

Cowpea.


Euphorbiaceae.  
Para rubber tree.

From Brazil. Seedlings presented by John T. Baldwin, Jr., Manãos. Received May 26, 1943.

146114. Red bark.

146115. White bark.

For previous introduction see 145040.

Corn.

From Argentina. Seeds presented by J. M. Andres, Institute de Genetica, Universidad de Buenos Aires, Buenos Aires. Received May 26, 1943.  

$W \times 38A$.


From Maryland. Seeds obtained through the Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville. Received May 27, 1943.

For previous introduction see 142211.


From British Columbia. Trees purchased from the Gallatly Nut Nursery, Westbank. Received May 31, 1943.


From Brazil. Seedlings presented by the Bocca de Acre, Amazonas. Received June 2, 1943.

146120. *Combretum* sp. Combretaceae.

From the Union of South Africa. Presented by M. A. Hein, Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture. Received May 27, 1943.

*Vaal River tree*. A large, handsome, slow-growing tree, which is very hardy and drought-resistant, and whose foliage turns to lovely red in the autumn.
146121 to 146123.
From Africa. Seeds presented by Mrs. E. Zoe Harris, Modder River, Cape Province. Received May 27, 1943.
146121. DOLICHOS LABLAB L. Fabaceae. Hyacinth-bean.
Mystery Bean. From Rhodesia.
Calabash. From Cape Province.
146123. SWAINSONA sp. Fabaceae.
A hardy biennial legume 2 to 3 feet in height, with attractive seed pods. From Cape Province.

146124 to 146127.
From Western Australia. Seeds presented by the Department of Agriculture, Perth. Received May 31, 1943.
Drooping-flowered clover. An annual clover, less than a foot high, with small heads of pale purplish flowers.
For previous introduction see 139259.
146125 to 146127. TRIFOLIUM SUBTERRANEUM L. Subterranean clover.
146125. Dwalganup. An early variety.
146126. Midseason.
146127. White Seeded.

146128. TARAKTOGENOS KURZII King. Flacourtiaceae.
From the Canal Zone. Seeds presented by Walter R. Lindsay, Canal Zone Experiment Station, Summit. Received May 28, 1943.
For previous introduction see 105277.

From Brazil. Seeds presented by G. Weinschenck, through Erwin P. Keeler, Agricultural Attaché, Rio de Janeiro. Received June 4, 1943.
Paulista.

146130 to 146138. AMYGDALUS PERSICA L. Amygdalaceae. Peach.
An early blooming, vigorous, upright tree, with attractive semidouble flowers. The small-seeded fruit is freestone.
146131. Selection (D–8–2) from the Chinese peach, Ngie, P.I. 48694.
Numbers 146132 to 146136 are selections from varieties which were introduced from the Northwest Frontier Province, India.
146132. Selection (D–30–38) from P.I. 103797.
146133. Selection (F–1–105) from P.I. 103797.
146134. Selection (J–1–128) from the Aru peach, P.I. 116638.
146135. Selection (O–A–47) from the Aru peach, P.I. 116638.
146137. Selection (F–2–95) from a peach introduced from Tadjikistan, Turkistan, P.I. 105057.
146138. Selection (F–2–21) from a peach introduced from Turtkul, Turkistan, P.I. 105056.
146139 to 146143. CHENOPODIUM QUINOA Willd. Chenopodiaceae. *Quinoa.*

From Peru. Seeds presented by B. P. R. Moravsky, Dirección de Agricultura y Ganadería, Lima. Received June 9, 1943.

146139. *Amarilla.*
146140. *Blanca de Puno.*
146141. *Blanca Koavia.*
146142. *Morada.*
146143. *Rosada.*

146144 to 146170. ZEA MAYS L. Poaceae. *Corn.*

From Argentina. Seeds presented by Antonio Marino, Universidad de La Plata, La Plata. Received June 9, 1943.

146144. 42.26, selfed Maíz Colorado (Arg.).
146145. 42.34, selfed Maíz Colorado (Arg.).
146146. 42.61, selfed Maíz Colorado (Arg.).
146147. 42.129, selfed Maíz Colorado (Arg.).
146148. 42.145, selfed Maíz Colorado (Arg.).
146149. 42.281, selfed Maíz “Amargo”—IS111.
146150. 42.286, selfed “Amargo”—IS121.
146151. 42.306.
146152. 42.307, selfed (FQ111.32 × F.Q 111.12), selfed.
146153. 42.320, selfed (BV113 × F.Q 111.12), selfed.
146154. 42.324, selfed (BK112 × “Amargo”), selfed.
146155. 42.334, selfed Maíz “Amargo,” selfed.
146156. 42.337, selfed Maíz originally from Santos, Brazil.
146157. 42.385, selfed (AD332 × “Rosduro”), selfed.
146158. 42.394, selfed (CH224 × Creole F1), selfed.
146159. 42.406, selfed (DU311 × Bukidvan), selfed.
146160. 42.446, selfed.
146161. 42.508, selfed Maíz Colorado (Arg.).
146162. 42.572, selfed Maíz Colorado Casilda (Arg.).
146163. 42.701, selfed KX11 (Segrega Tardios).
146164. 42.708, selfed KZ12 (Segrega Tardios).
146165. 42.768, selfed G.M 111 (Arg.).
146166. 42.772, selfed CE 441 (Arg.).
146167. 42.839, selfed BK112.1 (Arg.).
146168. 42.856, selfed BV112.2 (Arg.).
146169. 42.862, selfed BV411.1 (Arg.).
146170. 42.904, selfed CH222.1 (Arg.).

146171. ECLIPTA ALBA (L.) Hassk. Asteraceae.

From Indochina. Seeds presented by E. Poilane, Institut des Recherches Agronomique et Forestières, Langtram. Received June 2, 1943.

An annual, up to 3 feet high, with rough, hairy stems and white flower heads. The leaves are crushed and used for medicinal purposes in Indochina.
146172. **Cnidoscolus tepiquensis** (Cost. & Gall.) Lundell. Euphorbiaceae.

From Mexico. Seeds collected by Floyd D. Ransom, Mexico City, in the San Blas District of Nayarit. Received June 2, 1943.

146173. **Puya** sp. Bromeliaceae.

From Bolivia. Seeds presented by Dr. Martin Cárdenas, Universidad Autonoma "Simon Bolivar," Cochabamba. Received June 2, 1943.

*Chuqui kayara.* An arborescent perennial up to 8 m. high, found on stony slopes, and used by Indians in the manufacture of "pita," or fiber string.

146174 and 146175.

From British East Africa. Seeds presented by the American Consulate, Nairobi, Kenya. Received June 4, 1943.

146174. **Sansevieria** sp. Liliaceae.

No. 9.

146175. **Sansevieria** sp.

No. 10.

146176 to 146180. **Fragaria.** Rosaceae. *Strawberry.*

From Saskatchewan. Seeds presented by A. J. Porter, Honeywood Nursery, Parkside. Received June 11, 1943.

146176. No. 1. *Sparta.* (*Honeywood No. 1*)

146177. No. 2. *August Beauty.* (*Honeywood No. 2*)

146178. No. 5. *Honeywood No. 18.*

146179. No. 6. *Honeywood No. 6.*

146180. No. 8. *Honeywood No. 8.*

146181 to 146192.

From Colombia. Seeds collected by F. R. Fosberg, Foreign Economic Administration, Washington, D. C. Received June 5, 1943.

146181. **Cactus** sp. Cactaceae.

Collected in the valley of the Rio Cabrera between Nieva and Colombia.

146182. **Gossypium** sp. Malvaceae.

146183 to 146192. **Zea mays** L. Poaceae. *Corn.*

146183. *Bata No. 1.*

146184. *Bata No. 2.*

146185. *Chucarima No. 1.*

146186. *Chucarima No. 2.*

146187. *Chucarima No. 3.*

146188. *Chucarima No. 4.*

146189. *Chucarima No. 5.*

146190. *Chucarima No. 6.*

146191. *Chucarima No. 7.*

146192. *Chucarima No. 8.*

146193 and 146194.


146194. **Justicia lorentziana** Lindau. Acanthaceae.

146195 to 146226.

From Central and South America and the East Indies. Seeds collected by Dr. David Fairchild, Coconut Grove, Fla. Numbered in June, 1943.
PLANT INVENTORY NO. 151

Unless otherwise mentioned the following were received as seeds.

**146195.** **Calocarpum viride** Pittier. Sapotaceae. Green sapote.

No. 1128. *Inferto.* From the market, Antigua, Guatemala, October 17, 1941. A large tree 30 feet high.

**146196.** **Aiphanes** sp. Phoenicaceae. Palm.

No. 1069. From the Market, Facatativa, Colombia, August 12, 1941. The bright-orange, edible fruits are % inch in diameter.

**146197.** **Antigonon guatimalense** Meisn. Polygonaceae.

No. 1126. From Antigua, Guatemala, October 17, 1941. A handsome vine, with broader leaves and more numerous flowers than *A. leptopus*.

For previous introduction see 104211.

**146198.** **Capsicum frutescens** L. Solanaceae. Redpepper.

No. 1131. From the market, Antigua, Guatemala, October 15, 1941. A handsome variety with dull-red, top-shaped fruits.

**146199.** **Cereus** sp. Cactaceae.

No. 1037. From the market, Bogotá, Colombia, July 12, 1941. The edible, brilliant-red, oval fruits, 3 inches long, have juicy carmine-red flesh filled with small black seeds.

**146200.** (Undetermined.)

No. 236. Roots of a delicate vine with papery, white, delicate flowers and brilliant scarlet fruits 3 inches long by 1 inch in diameter.

**146201.** **Dictyocaryum fuscum** (Karsten) Wendl. Phoenicaceae. Palm.

No. 1061. From Villavicencio, Colombia, August 2, 1941. A handsome pinnate-leaved palm with stilt roots 3 to 4 feet long, and large recurved sheaths 3 feet or more long.

**146202.** **Euterpe** sp. Phoenicaceae. Palm.

No. 1054. From Villavicencio, Colombia, August 2, 1941. A pinnate-leaved palm of attractive habit, with dark olive-green fruits.

**146203.** **Heliconia platystachys** Baker. Musaceae.

No. 1017. From the Summit Gardens, Canal Zone, June 30, 1941. A large tropical herb with bananlike leaves, and pendent flower clusters 3 to 6 feet long; the yellow and red spathes are used for house decorations with striking effects.

**146204.** **Matisia cordata** Humb. & Bonpl. Bombacaceae.

No. 1105. From the market, Maraquita, Colombia, September 28, 1941. A tree with large, roundish, pubescent leaves. The large fruits, up to 4 inches across and 3 inches long, enclose 4 or 5 seeds embedded in edible pulp.

**146205.** **Musa ensete** Gmel. Musaceae. Abyssinian banana.

No. 1099. From between Facatativa and Alban, Colombia, September 27, 1941. Trunk 3 feet in diameter; fruits bananlike, yellow, 3 inches long, with soft, rather tasteless pulp.

For previous introduction see 51518.

**146206.** **Phoenix dactylifera** L. Phoenicaceae. Date palm.

No. 1151. From Salamar, Guatemala, October 31, 1941. A date palm that grew from a seed of a commercial date; now about 25 years old.

For previous introduction see 124792.
146207. **PRUNUS CAPULI** Cav. Amygdalaceae.  
No. 1079. From Bogotá, Colombia, August 1941.  
For previous introduction see 131236.  

146208. **RAPHIA TAEDIGERA** Mart. Phoenicaceae.  
No. 1143. From Port Limón, Costa Rica, October 11, 1941.  
For previous introduction see 40804.  

146209. **RENEALMIA** sp. Zingiberaceae.  
No. 1006. From El Valle de Anton Cocle, Panamá, July 2, 1941. A handsome species with large, pinnately divided leaves 4 feet long, and tall cylindrical bunches of coral-pink fruits, each $\frac{3}{4}$ inch in diameter.  

146210. (Undetermined.)  
No. 352. From Mandiola Island, Moluccas, May 18, 1940. A scraggly, spiny tree which bears oblong light-yellow fruits 1½ inches long, with sweetish pulp.  

146211. **RHEEDIA** sp. Clusiaceae.  
No. 1035. From Villavicencio, Colombia, July 1, 1941. *Mandroño*. Fruits with thick rind, enclosing white, edible, fibrous pulp that has a refreshing acid taste.  

146212. **SOLANUM** sp. Solanaceae.  
No. 1097. From near Rio Sucio, 100 km. from Medellín, Colombia, September 29, 1941. A tree 30 feet high with large, oblong, acuminate leaves, and fruits the size of walnuts.  

146213. **TILLANDSIA PALLIDOFLAVENS** Mez. Bromeliaceae.  
No. 1152. From Guatemala City, Guatemala, October 4, 1941. Seed pods covered with a white powdery bloom.  

146214. (Undetermined.)  
No. 3430. From Koelawi; Celebes, March 30, 1940. An attractive herbaceous plant with dark-green, glossy leaves 1 foot long and 3 inches wide, and small, white, red-striped flowers on spikes about 2 feet long, followed by small, round, orange fruits 1 inch in diameter.  

146215. (Undetermined.)  
No. 3410. From Paloe, Celebes, March 20, 1940. A tree resembling in habit a very small apple tree, covered with numerous green-and-red apple-like fruits. These roundish fruits, about 1 inch in diameter, contain small black seeds in milky-white, bitter pulp.  

146216. (Undetermined.)  
No. 3444. From Donggala, Celebes, April 5, 1940. A bushy shrub with dark-green, oblong-ovate leaves 3 inches long, and small, bright lacquered berries $\frac{1}{4}$ inch long. The shrub resembles *Ligustrum*, and should make a good low hedge.  

146217. (Undetermined.)  
No. 3415. From Paloe, Celebes, March 22, 1940. A vine with large, dark-green, ovate, serrate leaves 2½ inches wide and 5 inches long, and compact clusters of small bright-orange fruits.  

146218. (Undetermined.)  
No. 3442. From Donggala, Celebes, April 5, 1940. A small vine with attractive clusters of fragrant, short, trumpet-shaped flowers; these have a dark-red center and white petals.  

146219. (Undetermined.)  
No. 3429. From Koelawi, Celebes, March 30, 1940. A small scrubby tree with alternate, dark-green leaves 6 inches long and 2½ inches broad, and red, much-ridged fruits 1 inch in diameter.
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146195 to 146226—Continued

146220. (Undetermined.)

No. 3401. From Paloe, Celebes, March 22, 1940. A glossy-leaved spiny shrub up to 10 feet high with white flowers, the two upper petals purplish, and roundish fruits 2 inches in diameter. These fruits, when ripe, vary from green to red, blotched with brownish yellow.

146221. (Undetermined.)

No. 3462. From Masamba, Celebes, April 18, 1940. A small tree with large pale-green leaves 1½ feet long, in whorls of three, and large, flesh-pink, flattened, roundish fruits 4½ inches in diameter. The reddish, firm, edible pulp encloses oblong-triangular, winged seeds about 1 inch long.

146222. (Undetermined.)

No. 3446. From Donggala, Celebes, April 5, 1940. A vine with alternate, light-green, oblong leaves up to 8 inches long, and very small, glossy, white fruits in pendent clusters.

146223. (Undetermined.)

No. 283. From the Botanic Gardens, Buitenzorg, Java, April 7, 1940. A very slender dark-green cluster palm 20 feet high with widely separated truncate leaflets. The ovoid red fruits are about ½ inch in diameter.

146224. (Undetermined.)

No. 3460. From Masamba, Celebes, April 17, 1940. A small tree, with pale-green acuminate leaves up to 8 inches long, and peculiar fruits, which, when ripe, open to resemble a star, exposing a cluster of orange seeds.

146225. (Undetermined.)

No. 378. From the island of Kohatola, near Halmahera, May 31, 1940. A low tree with leathery, pale-green, oval leaves about 10 inches long, funnel-shaped white flowers 3½ inches long, and olive-green fruits 2½ inches in diameter with orange-yellow flesh enclosing very numerous minute brown seeds.

146226. (Undetermined.)

No. 1117. From Gachancipa, Colombia, September 21, 1941, at 2,000 feet altitude. A plant resembling Dasylirion, growing on a mud wall, and said to have attractive blue flowers. The old flower spike was 6 feet long.


From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain, Boston. Received June 14, 1943.

146228 to 146253. AMYGDALUS PERSICA L. Amygdalaceae. Peach.


Selected seedlings of P.I. 104315.

146228. NC No. 1. Selection (F-4-16).
146229. NC No. 2. Selection (F-4-4).
146230. NC No. 3. Selection (F-4-7).
146231. NC No. 4. Selection (F-4-6).
146232. NC No. 5. Selection (F-4-17).
146233. NC No. 6. Selection (F-4-11).
146234. NC No. 7. Selection (F-4-32).
146235. NC No. 8. Selection (F-4-8).
146236. NC No. 9. Selection (F-4-35).
146237. NC No. 10. Selection (F-4-36).
146238. NC No. 11. Selection (F-4-3).
146239. NC No. 12. Selection (F-3-128).
146240. NC No. 13. Selection (F-4-31).
146241. NC No. 14. Selection (F-4-33).
146242. NC No. 15. Selection (F-4-19).
146243. NC No. 16. Selection (F-4-10).
146244. NC No. 17. Selection (F-3-129).
146245. NC No. 18. Selection (F-4-1).
146246. NC No. 19. Selection (F-4-18).
146247. NC No. 20. Selection (F-4-2).
146248. NC No. 21. Selection (F-4-28).
146249. NC No. 22. Selection (F-4-13).
146250. NC No. 23. Selection (F-4-15).
146251. NC No. 24. Selection (F-3-120).
146252. NC No. 25. Selection (F-4-12).
146253. NC No. 26. Selection (F-3-130).

146254 and 146255.

From Illinois. Seeds presented by Charles A. Heath, Chicago. Received June 17, 1943.

146254. FELICIA ECHINATA Nees. Asteraceae.

Introduced under the varietal name “paralia,” for which a place of publication has not been found. A soft-wooded, asterlike shrub with mauve flower heads; native to South Africa.

146255. SUTERA GRANDIFLORA (Galpin) Hiern. Scrophulariaceae.

A shrubby perennial 1 1/2 to 3 feet high, with hispid, oval-oblong leaves up to 1 inch long, and numerous mauve flowers about 1 inch long in terminal racemes; native to the Transvaal.


From Venezuela. Seeds presented by C. J. Marvex, Valencia. Received June 17, 1943.

A recently described species of bamboo, native to Venezuela, growing to heights of 20 to 35 feet. It is a clump-forming bamboo, and the branching habit of the culm is verticillate.

146257. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From Argentina. Seeds presented by Dr. W. E. Cross, Estación Experimental Agrícola de Tucumán, Tucumán. Received June 18, 1943.

Variety Inverniza No. 5.

146258. TEPHROSIA NOCTIFLORA Bojer (Cracca noctiflora (Bojer) Kunze). Fabaceae.

From Argentina. Seeds presented by Enrique F. Schultz, Estación Experimental Agrícola de Tucumán, Tucumán. Received June 17, 1943.

A bushy, brown, hairy plant with compound leaves about 4 inches long, and lax terminal racemes of reddish flowers that open late in the afternoon. It is cultivated as a cover crop and is native to tropical Africa.

For previous introduction see 106954.
146259. **QUERCUS** sp. **Fabaceae.**

146260. **CNIOSCOLUS ELASTICUS** Lundell. **Euphorbiaceae.**
From Mexico. Seeds collected by C. L. Lundell, Southern Methodist University, Dallas, Tex. Received June 17, 1943.

*Cucaracho.* From Otaes, Durango, April 26, 1943.

146261 to 146266.
From Mexico. Seeds collected by E. Locke, Acapulco, Guerrero. Received June 17, 1943.

146261. **ARISTOLOCHIA** sp. **Aristolochiaceae.**
Flowers velvety black and yellow.

146262. **CALLIANDRA** sp. **Mimosaceae.**

146263. **CORDIA ELAEAGNOIDES** DC. **Boraginaceae.**
*Gueramo.* An excellent evergreen shade tree, 20 to 30 feet high, with elliptic leaves like those of *Ligustrum japonicum,* and small, creamy-white flowers from November to January; native to Mexico.

146264. **IPOMOEA ARBORESCENS** (Wild.) Don. **Convolvulaceae.**
A tree with smooth white bark and showy white flowers about 2 inches long, which cover the tree when leafless.
For previous introduction see 103932.

146265. **PASSIFLORA MEXICANA** A. Juss. **Passifloraceae.**

146266. **TABEBUIA** sp. **Bignoniaceae.**
A large climber; at Christmastime it is covered with pale-purple, trumpet-shaped flowers 2 inches long.

146267 to 146269.
From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received June 5, 1943.

146267. **PAPPOPHORUM** sp. **Poaceae.** Grass.

146268. **PENNISETUM CILIARE** (L.) Link (P. cenchroides Rich.). **Poaceae.** Grass.
For previous introduction see 145783.

146269. **SORGHUM** sp. **Poaceae.** Grass.

146270 and 146271.
From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 3, 1943.

146270. **LESPEDEZA STIPULACEA** Maxim. **Fabaceae.** Bushclover.
For previous introduction see 90551.

146271. **LESPEDEZA STRIATA** (Thunb.) Hook & Arn. **Fabaceae.** Bushclover.
For previous introduction see 135599.

146272 to 146284. **HORDEUM VULGARE** L. **Poaceae.** Barley.
From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 3, 1943.

146272. *Chevron.*

146273. C.I. No. 4821 (unnamed).
146274. Kwan.
146275. C.I. No. 3902–1 (unnamed).
146276. Trebi.
146277. Wisconsin Barbless.
146279. Ezond.
146281. Composite Cross VI 6621.
146282. Composite Cross VII 6622.
146283. Composite Cross XII 6725.
146284. Composite 6201.

146285 to 146297.
From Maryland. Seeds obtained through the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 5, 1943.

146285 to 146295. NICOTIANA TABACUM L. Solanaceae. Common tobacco.
146285. Bonanza (flue-cured).
146286. Cash (flue-cured).
146287. Comstock Spanish (cigar).
146289. Connecticut Havana (cigar).
146290. Improved, one sucker.
146291. Lizard Tail Orinoco.
146292. Lockwood (white burley).
146293. Maryland Broadleaf.
146294. Rootrot Resistant (white burley).
146295. White Stem Orinoco (flue-cured).

146296 and 146297. NICOTIANA RUSTICA L. Aztec tobacco.
146296. Brazilia.
146297. Olson 68.

For previous introduction see 116143.

146298 to 146300. LINUM USITATISSIMUM L. Linaceae. Flax.
From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 5, 1943.

146298. J. Lord.
146299. Martin.
146300. Wonder.

For previous introduction see 138732.

From Florida. Plants presented by Julian Nally, Gotha. Received March 10, 1938.

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 5, 1943.

**146302 to 146322. HORDEUM VULGARE L. Poaceae. Barley.**

146302. Atlas, CI 4118.
146303. Atsel, CI 6250.
146304. Beecher, CI 6566.
146305. California Mariout, CI 1455.
146306. Carre 26, CI 3386.
146307. Chevron, CI 1111.
146308. Chile Brewing, CI 657.
146309. Club Mariout, CI 261.
146310. Flynn, CI 1311.
146311. Kwan, CI 1016.
146312. Modia, CI 2483.
146313. Palmella Blue, CI 3601.
146314. Psaknon, CI 6305.
146315. Trebi, CI 936.
146316. Vaughan, CI 1367.
146317. Unnamed, CI 4821.
146318. Unnamed, CI 3902-1.
146319. Unnamed, CI 4975.
146320. Unnamed, CI 3704.
146321. Composite VI F<sub>3</sub>, CI 6621.
146322. Composite Cross XII F<sub>2</sub>, CI 6725.

**146323 to 146332. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.**

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 5, 1943.

14633 to 146382.

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 8, 1943.

Nos. 14633 to 146349. Spring wheats grown in Montana and South Dakota.

  146334. *Hope × Thatcher* (1597).

146335 and 146336. *Triticum aestivum* L. 
  146335. *McMurachy*.
  146336. *Merit*.

146337. *Triticum*. 
  *Merit × Thatcher* (1597).

146338 to 146349. *Triticum aestivum* L. 
  146338. *Marquis*.
  146339. *Newthatch*.
  146340. *Regent*.
  146341. *Renown*.
  146342. *Rival*.

146350 to 146366 were grown at Fargo, N. Dak. in 1942.

146350 to 146352. *Triticum*. 
  146352. *Hope × Thatcher*.

146353 and 146354. *Triticum aestivum* L. 
  146353. *McMurachy*.
  146354. *Merit*.

146355. *Triticum*. 
  *Merit × Thatcher*.

146356 to 146366. *Triticum aestivum* L. 
  146356. *Premier*.
  146357. *Regent*.
  146358. *Thatcher*.
  146359. *Vesta*.
  146360. Nursery No. 1750.
  146361. Nursery No. 1774.

146367 to 146382. *Zea mays* L. Poaceae. 
  Inbred lines of dent corn.
  146367. C. I. 2.
  146368. C. I. 7.
  146369. C. I. 11b.
  146370. C. I. 41.
  146371. C. I. 43.
  146373. Illinois Hybrid.
  146375. Indiana 33-16.
146333 to 146382—Continued

146376. Indiana 38-11. 146380. Tennessee T 10 B.
146377. Iowa L 317. 146381. Tennessee T 18 C.
146378. Kansas K 4. 146382. Tennessee J 8-6 G.
146379. Kys.

146383. **Cnidoscolus Chayamansa** McVaugh. Euphorbiaceae.

From Florida. Cuttings presented by Dr. David Fairchild, Coconut Grove, through Dr. W. T. Swingle, United States Department of Agriculture. Received July 8, 1943.

*Chaya.* Received as *Jatropha urens* var. *inermis*, a name of uncertain botanical standing. Used in Cuba, where it originated, and in Mexico as a leafy vegetable.

146384. **Solanum Aviculare** Forst. f. Solanaceae.

From New Zealand. Seeds presented by Mrs. F. M. Blamires, Urubane, Waimate. Received July 9, 1943.

For previous introduction see 124642.

146385 to 146407.

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 9, 1943.

146385. **Trifolium Dubium** Sibth. Fabaceae.

F. C. 22524.

146386. **Trifolium Pratense** L. Red clover.

Midland, F. C. 31226.

146387. **Trifolium Repens** L.

F. C. 22794.

146388 to 146390. **Medicago Sativa** L. Fabaceae. Alfalfa.

146389. Grown in Kansas.
146390. Grown in Oklahoma.


Spanish sweetclover.

146392. **Melilotus Indica** (L.) All. Sweetclover.

146393. **Melilotus Officinalis** (L.) Lam. Yellow sweetclover.

Madrid sweetclover.

146394. **Melilotus Taurica** (Bieb.) Seringe. Sweetclover.

For previous introduction see 67510.


F. C. 22,755. (South Dakota.)

146396. **Agropyron Smithii** Rydb. Grass.

For previous introduction see 115296.

146397. **Agropyron Trachycaulum** (Link) Malte. Grass.


For previous introduction see 111266.
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146385 to 146407—Continued


146399. F. C. 22,616. (North Dakota.)
146400. F. C. 29,733. (Kansas.)

For previous introduction see 127958.

146401 and 146402. BROMUS INERMIS Leyes. Poaceae. Smooth bromegrass.

146401. B-5 (U.G.N. Washington.)
146402. F. C. 22,858. (South Dakota.)

146403. BROMUS MARGINATUS Nees. Grass.

For previous introduction see 136317.

146404. FESTUCA OVINA L. Poaceae. Sheep fescue.

F. C. 22,844. (New York.)

For previous introduction see 119648.


For previous introduction see 125059.


For previous introduction see 141486.

146407. FESTUCA ELATIOR var. ARUNDINACEA (Schreb.) Wimm. Poaceae. Grass.

For previous introduction see 136340.

146408 to 146419.

From Chile. Seeds presented by Carlos Junge, Director, Jardín Zoológico, Concepción. Received July 1, 1943.

146408. BACCHARIS RACEMOSA DC. Asteraceae.


For previous introduction see 144437.

146410. ESCALLOENIA PULVERULENTA (Ruiz & Pav.) Pers. Escalloniaceae.

For previous introduction see 144475.

146411. LAPAGERIA ROSEA Ruiz & Pav. Liliaceae. Red Chile-bells.

For previous introduction see 144514.

146412. MEDICAGO ARABICA (L.) Fabaceae. Medic.

For previous introduction see 119020.

146413. MUEHLENBECKIA CHILENSIS Meisn. Polygonaceae.

A stout shrub, with leathery-fleshy triangular or ovate-oblong leaves about 1 inch long, and inconspicuous whitish flowers in axillary racemes. Native to Chile.

146414. NEOPORTERIA SUBGIBBOSA (Haw.) Britt. & Rose. Cactaceae.

A cactus of cylindric form, usually 1 foot high, sometimes much higher; very spiny, with numerous ribs. The abundant light-pink flowers are 1½ inches long, arising from the center of the plant. Native to Chile.


A perennial grass up to 3 feet high, with dense, bristly panicles 3 to 6 inches long. Native to Chile and Argentina.

146416. SANICULA LIBERTA Cham. & Schl. Apiaceae.

A stout perennial about 2 feet high, with deeply 5-parted dark-green leaves about 4 inches across and small umbels of yellow flowers. Native to Chile.
146408 to 146419—Continued

146417. **Senecio hualtata** DC. Asteraceae.
A large stout perennial about 5 feet high, with the lower hastate leaves more than 1 foot long, and the lanceolate stem leaves much smaller. The straw-colored flower heads are in dense corymbs. Native to Chile.

146418. **Solenomelus pedunculatus** (Gillies) Hochr. Iridaceae.
An iridaceous plant from South Africa, very similar in habit to *Sisyrinchium*. It is about 1 foot high, with yellow flowers 1 inch long.

146419. **Villaresia chilensis** (Molina) Stuntz. Icacinaceae.
For previous introduction see 28116.


Variety *Slender Crookstem*. A distinct horticultural variety with slender culms, usually with a curve in the lower part, becoming 48 feet or more high. Sprouting in the spring begins about 10 days earlier than in the typical form of the species. The long slender culms are especially well adapted for use in harvesting nuts.

From Maryland. Seeds obtained through the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 13, 1943.

For previous introduction see 81646.

146422 to 146442. **Pisum sativum** L. Fabaceae. **Common pea.**
From Michigan. Seeds purchased from the Ferry-Morse Seed Co., Detroit. Received July 13, 1943.


146443 to 146511. **Lycopersicon esculentum** Mill. Solanaceae. **Tomato.**
From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 13, 1943.

146460. Earliana.  146493. Pearson Late Shipper.
146463. Florida Purple Stem.  146496. Pritchard.
146464. Glick's 0.86.  146497. Royal Wonder.
146465. Glick's Colco.  146498. Ruby Queen.
146472. Gulf State Market.  146505. Table Talk.
146477. King of All.  146510. Wasatch Beauty.
146478. Kondine Red.  146511. W.S.C. 50 (forcing va-
146479. Landreth.  riety).

146512. CHUKRASIA TABULARIS A. JUSS. Meliaceae.

From Florida. Seeds presented by Edwin A. Menninger, Stuart. Received
July 14, 1943.

A large timber tree with pinnate leaves about 1 foot long, and small yellow-
ish or red flowers in short erect panicles. Native to western India. The tree
is the source of the commercial timber known as chickrassy.

146513 to 146518. Lycopersicon Esculentum Mill. Solanaceae.

Tomato.

From Pennsylvania. Seeds purchased from the W. Atlee Burpee Co., Phila-
delphia. Received July 14, 1943.

146514. Gulf State Market.
146513 to 146518—Continued

146515. Early Baltimore (tested at Fordhook).
146516. Greater Baltimore (tested at Fordhook).
146517. Michigan State Forcing.
146518. Stone (certified stock).

146519 to 146553.

From South Carolina. Seeds presented by B. L. Wade, Charleston. Received July 15, 1943.

146519. **LYCOPERSICON ESCULENTUM** Mill. Solanaceae. Tomato.
T 2.

146520. **LYCOPERSICON PIMPINELLIFOLIUM** (Jusl.) Mill. Currant tomato.
T 6–02–M6.

146521 to 146552. **LYCOPERSICON ESCULENTUM** Mill. Tomato.

146524. T 34. 146540. T 510–S 1.
146525. T 35. 146541. T 780.
146528. T 54. 146544. T 812–C R.
146535. T 211. 146551. T 1005.

146553. **LYCOPERSICON PERUVIANUM** (L.) Mill. T 549.


From California. Seeds presented by the Guayule Emergency Rubber Project, Salinas. Received July 16, 1943.


From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 17, 1943.

146555. Ajax.
146557. Grohoma, C.I. 920.
146558. Hegari, C.I. 750.
146559. Kansas Orange.
146560. Leoti.

146561. Red Kafir, C.I. 34.
146562. Sgrain.
146563. Sharon Kafir.
146564. Sumac.
146565. White African.

From Florida. Budsticks presented by Dr. F. E. Gardner, Subtropical Fruit Field Station, Orlando. Received July 17, 1943.

146566. "Paradise" navel. Top-shaped type with encased navel.
146567. "Paradise" navel. Selected budwood from tree grafted on sour orange.
146568. "Paradise" navel. Selected budwood from tree producing small fruit.
146569. "Paradise" navel. Type tree.


From El Salvador. Seeds presented by Leopoldo Barrientos, Director, Centro Nacional de Agronomía, Ministerio de Agricultura, La Ceiba. Received July 14, 1943.

146570. From La Ceiba.
146571. From Santa Ana.
146572. From Tonacatepeque. Color olive.
146573. From Tonacatepeque. Red seed.


From California. Seeds purchased from the Ferry-Morse Seed Co., San Francisco. Received July 22, 1943.

146574. *Bison.*
146576. *Greater Baltimore.*
146577. *Rutgers.*
146578. *Gulf State Market.*

146579. *Diospyros* sp. Diospyraceae.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville, Maryland. Received July 23, 1943.

From Quajara-Mirim, Mato Grosso.

146580. *Herbertia* sp. Iridaceae.

From Brazil. Seeds presented by Dr. W. A. Archer, Cruz Alta. Plants now growing at Glenn Dale, Md. Numbered July 23, 1943.


From Texas. Seeds presented by J. F. Wood, Texas Experiment Station, Weslaco. Received July 23, 1943.

*Solo.*


From Michigan. Seeds presented by Prof. K. C. Barrons, Agricultural Experiment Station, East Lansing. Received July 23, 1943.


From Maryland. Seeds presented by the Soil Conservation Service, United States Department of Agriculture. Received July 27, 1943.

Grown at Thorsby, Ala.

For previous introduction see 91555.
From Brazil. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering, United States Department of Agriculture, Beltsville. Received July 27, 1943.

A collection from the State of Amazonas.

146584. **ANNONA** sp. Annonaceae.
   From Boca do Acre, May 18, 1943.

146585. **ANNONA MURICATA** L.
   From Labrea, May 23, 1943.

146586. **ATTALEA** sp. Phoenicaceae.
   From Labrea, May 23, 1943.

146587. **ATTALEA** sp.
   From Labrea, May 23, 1943.

146588. **ASTROCARYUM** sp. Phoenicaceae.
   From Labrea, May 23, 1943.

146589. **BYRSONIMA** sp. Malpighiaceae.
   From Porto Velho, May 6, 1943. Edible fruits.

146590. **BYRSONIMA** sp.

146591. **CANAVALIA ENSIFORMIS** (L.) DC. Fabaceae. Jackbean.
   From Porto Velho, May 9, 1943.

146592. **CROTALARIA** sp. Fabaceae.
   From Porto Velho, May 6, 1943.

146593. **CROTALARIA** sp.
   From Porto Velho, May 6, 1943.

146594. **CYPHOMANDRA** sp. Solanaceae.
   From Boca do Acre, May 18, 1943.

146595. **DESMONCUS** sp. Phoenicaceae.
   From Labrea, May 23, 1943.

146596. **DIALIUM** sp. Caesalpiniaaceae.
   From Porto Velho, May 11, 1943. A leguminous tree with pods like those of tamarind.

146597. **EUTERPE** sp. Phoenicaceae.
   From Labrea, May 23, 1943.

146598. **FICUS** sp. Moraceae.
   From Labrea, May 23, 1943.

146599. **ILEX** sp. Aquifoliaceae.
   From Porto Velho, May 8, 1943.

146600. **IPOMOEA** sp. Convolvulaceae.
   From Porto Velho, May 7, 1943.

146601. **IPOMOEA** sp.
   From Labrea, May 22, 1943.

146602. **LUCUMA** sp. Sapotaceae.
   From Boca do Acre, May 17, 1943.
146584 to 146618—Continued

146603. **MELANOXYLON** sp. Caesalpiniaceae.
   From Porto Velho, May 10, 1943.

146604. **MUCUNA** sp. Fabaceae.
   From Porto Velho.

146605. **MUCUNA** sp.
   From Boca do Acre, May 17, 1943.

146606. **PACHYRHIZUS EROSUS** (L.) Urban (*Cacara erosa* (L.) Kuntze).
   Fabaceae.
   From Labrea, May 23, 1943.
   For previous introduction see 146573.

146607. **PASSIFLORA** sp. Passifloraceae.
   From Boca do Acre, May 15, 1943.

146608. **PASSIFLORA** sp.
   From Porto Velho, May 11, 1943.

146609. **PASSIFLORA** sp.
   From Labrea, May 23, 1943.

146610. **PAULLINIA** sp. Sapindaceae.

146611. **SECRIDACA** sp. Polygalaceae.
   From Porto Velho, May 9, 1943. Shrub.

146612. **SECCIO** sp. Asteraceae.
   From Labrea, May 20, 1943.

146613. **SMILAX** sp. Smilacaceae.
   From Labrea, May 21, 1943.

146614. **SOLANUM** sp. Solanaceae.
   From Porto Velho, May 8, 1943.

146615. **SOLANUM** sp.
   From Porto Velho, May 9, 1943.

146616. **SOLANUM** sp.
   From Porto Velho, May 10, 1943.

146617. **STIZOLOBIUM** sp. Fabaceae.
   From Porto Velho, May 9, 1943. A cultivated legume.

   From Porto Velho, May 10, 1943.

   From Maryland. Seeds presented by the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received July 29, 1943.

146619. Agate.

146620. Aoda.

146621. Arkan.

146622. Arksroy.

146623. Bansei–1.

146624. Boone.

146625. Burnette.

146626. Cherokee.

146627. Chusei.

146628. Dunfield.
146619 to 146661—Continued

146645. *Morse.*


*Portuguese Purple.*


"Research barley."


A Philippine tree 30 to 50 feet high, with heart-shaped leaves and rounded, 3-angled fruits about 2 inches in diameter. The oil obtained from the seeds resembles tung oil, but is somewhat slower in drying.

For previous introduction see 143845.

146665 to 146676.

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received August 13, 1943.


146665 to 146676—Continued


From Connecticut. Seeds purchased from Associated Seed Growers, New Haven. Received August 13, 1943.

146677. Essary.

146678. Indiana Certified Baltimore.

146679. No. 113.

146680. Improved Stone.

146681. Red Cap.

146682 to 146684.

From Australia. Seeds presented by F. H. Baker, Richmond. Received August 4, 1943.

146682. *Acacia* sp. Mimosaceae.

146683. *Brachysema lanceolatum* Meissn. Fabaceae. A shrub 2 to 3 feet high, with usually opposite, coriaceous silvery-pubescent, lanceolate leaves 1 to 4 inches long, and small red flowers, solitary or in small clusters. Native to Western Australia.

146684. *Hardenbergia* sp. Fabaceae. Introduced under the name "violacea var. frutescens," for which a place of publication has not been found.

146685 to 146689.

From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain, Boston. Received August 18, 1943.

PLANT INVENTORY NO. 151

146685 to 146689—Continued

146686. PINUS CARIBAEA Morelet. Pine.

For previous introduction see 24630.

146687. PINUS ECHINATA Mill.

146688. PINUS TAEDA L.

146689. PINUS VIRGINIANA Mill.

146690 to 146700. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Africa. Tubers presented by the East African Agricultural Research Station, Amani, Tanganyika Territory. Received August 18, 1943.


146696. Six Weeks.

146691. Calabash Leaf.

146697. V-52.

146692. Kandolo.

146698. No. 83.

146693. Kasungu.

146699. No. 88-76 (Leningrad).

146694. Red Nut.

146700. No. 91.

146695. Russian Leaf.

146701. AMYGDALUS PERSICA L. Amygdalaceae. Peach.

From Ohio. Tree obtained from Allen's Nurseries, Geneva. Received August 18, 1943.

146702. PRUNUS sp. Amygdalaceae. Plum.


Selection from P.I. 103746 (Swedah plum).


From Maryland. Seeds presented by the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received August 25, 1943.

F. C. 31025.

For previous introduction see 26677.

146704 to 146706.

From Florida. Seeds presented by Dr. David Fairchild, Coconut Grove. Received August 23, 1943.


146704. Originally from India.

146705. Seed from a tree up to 45 feet high.

For previous introduction see 139449.

146706. AFRAEGLE PANICULATA (Schum.) Engl. (Balsamocritrus paniculata Swingle). Rutaceae.

A Nigerian powder-flask fruit which is the best rootstock for the bael (Aegle marmelos).

For previous introduction see 103107.
146707 to 146717.

From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received July 30, 1943.

A tufted perennial grass 1 to 2 feet high, with slender wiry stems, and fine, pale-green leaves about 6 inches long. Native to South Africa.

An annual said to be useful for haymaking.
For previous introduction see 145566.


From Beaufortwest, in the heart of the Karoo, between Cape Town and Kimberley. A densely tufted perennial grass.
For previous introduction see 145872.

146710 and 146711. **ERAGROSTIS BRIZANTHA** Nees.

An annual grass with ascending, rather weak stems 4 to 6 inches long. Native to South Africa.

146710. From near Postmasburg.

146711. Very hardy.
For previous introduction see 145873.

146712. **ERAGROSTIS** sp.

From the Museum Garden.


From Barkly West Division, near Kimberley.

146714. **RHUS CILIATA** Schult. Anacardiaceae.

From near Kimberley. A shrub with spreading, nearly horizontal branches and compound leaves; the small, shining-green, linear-lanceolate leaflets are 1 inch long. Native to South Africa; browsed by stock.


From the Hay Division west of Kimberley.


146716. No. 1.

146717. No. 2.
For previous introduction see 76444.

146718. **CAESALPINIA RUBICUNDA** Benth. Caesalpiniaeaceae.

From Argentina. Seeds presented by M. S. Bertoni, Santa Ana, Misiones. Received August 13, 1943.

An erect shrub 1 to 2 feet high, with bipinnate leaves, the 3 to 5 pairs of pinnate consisting of 9 to 15 pairs of small leathery leaflets. The reddish flowers are in terminal racemes 1 to 3 inches long, and the sickle-shaped pods are about 1½ inches long. The shrub is said to be very beautiful when in flower. Native to southern Brazil.

146719. **PUERARIA THUNBERGIANA** (Sieb. & Zucc.) Benth. Fabaceae.

Kudzu-bean.

From Maryland. Seeds purchased from the Belt Seed Co. Inc., Baltimore. Received August 24, 1943.
For previous introduction see 146583.
146720. **HYDRASTIS CANADENSIS** L. Ranunculaceae. **Goldenseal.**

146721. **ARTHROSTYLIUM** sp. Poaceae. **Bamboo.**
From Mexico. Seeds presented by Dr. F. A. McClure, Office of Foreign Agricultural Relations, United States Department of Agriculture, through Dr. A. Wetmore, Smithsonian Institution. Received August 24, 1943.

Collected August 5, 1943, on the mountain range La Dispensa, 30 km. east of Rosario, Sinaloa.

146722. **CAESALPINIA SPINOSA** (Mol.) Kuntze (*C. pectinata* Cav.). Caesalpiniaceae.

A tall upright spiny shrub or small tree, native to Peru. The pods, produced in large clusters, contain a high percentage of tannin.

For previous introduction see 144922.

146723. **LANDOLPHIA** sp. Apocynaceae.
From the Belgian Congo. Root cuttings presented by the Eastern Regional Research Laboratory, United States Department of Agriculture, Philadelphia (Wyndmoor), Pa. Received August 27, 1943.

146724. **CITRUS LIMON** (L.) Burm. f. Rutaceae. **Lemon.**
From California. Trees presented by the Armstrong Nurseries, Ontario. Received August 27, 1943.

146725 and 146726. **JUNIPERUS VIRGINIANA** L. Pinaceae. **Redcedar.**
From Massachusetts. Seeds purchased from F. W. Schumacher, Jamaica Plain, Boston. Received August 27, 1943.

146725. Common type.
146726. Platte River type.

146727 and 146728.

From New Mexico. Seeds purchased from Mrs. C. E. Locke, Mesilla. Received August 28, 1943.

146727. **ALLIUM CEPA** L. Liliaceae. **Onion.**

*Early Yellow Grano.*

146728. **CAPSICUM FRUTESCENS** L. Solanaceae. **Redpepper.**

No. 9. Chili pepper (New Mexico College of Agriculture and Mechanic Arts).

146729 and 146730.


146729. **MEDICAGO HISPIDA** Gaertn. Fabaceae. **Medic.**

Growing wild in the canyons and river valleys on the west slope of the Andes Mountains at an elevation of 300 feet.

For previous introduction see 141477.

146730. **MELILLOTUS** sp. Fabaceae.
Collected in the mountains near Huanuco at an altitude of 5,500 feet.
JANUARY 1 TO DECEMBER 31, 1943

146731 to 146774.

From Africa. Seeds presented by the East African Agricultural Research Station, Amani, Tanganyika Territory. Received August 18, 1943.

   No. 1116. Kirkee, Indian strain.

146732. AMARANTHUS GANGETICUS L. Amaranthaceae.
   No. 982. Champa Natia.

146733 and 146734. AMARANTHUS sp.
   Introduced under the name "grallifans," for which a place of publication has not been found.

146735. AMARANTHUS GANGETICUS L.
   No. 942. Chinese Tall.
   For previous introduction see 146732.

146736. AMARANTHUS POLYGAMUS L.
   No. 613. Chowlai Bhaji.
   For previous introduction see 5453.

146737 to 146739. AMARANTHUS GANGETICUS L.
   146737. No. 980. Green Dengo Sag. A.
   146738. No. 985. Lai Sag.
   For previous introduction see 146735.

146740 to 146742. AMARANTHUS CAUDATUS L. Love-lies-bleeding.
   A subtropical herbaceous plant that has possible value as a green vegetable; local strains.
   146740. No. 993.
   146741. No. 995.
   146742. No. 1096.

146743. AMARANTHUS VIRIDIS L.
   No. 992. Native. A plant cultivated for use in the same manner as spinach.
   For previous introduction see 79531.

146744 and 146745. CICER ARIETINUM L. Fabaceae. Chickpea.


146747 and 146748. PHASEOLUS MUNGO L. Urd.

146749 to 146768. PHASEOLUS VULGARIS L. Common bean.
   146749. No. 1165. Abundant, dwarf.
   146751. No. 1158. Black Wonder, dwarf.
146731 to 146774—Continued

146752. No. 1160. Bounteous, dwarf.
146754. No. 1156. Foremost, dwarf.
146755. No. 1176. Incomparable, dwarf.
146758. No. 1175. Main Abundant, dwarf.
146760. No. 724–A. Native Maharage A.
146761. No. 1169. Peerless, dwarf.
146762. No. 1172. Perpetual, dwarf.
146764. No. 1173. Selected Lightning, dwarf.
146767. No. 1155. The Prince, dwarf.
146768. No. 1161. Treasure, dwarf.

146769 to 146772. PISUM SATIVUM L. Fabaceae. Common pea.
146771. No. 637. Emitale.
146772. No. 638. Miselesile.

146773. RUMEX VESICARIUS L. Polygonaceae.
No. 988. Indian. A potherb, the leaves of which are used medicinally.
For previous introduction see 116112.

146774. TRIGONELLA FOENUM-GRAECUM L. Fabaceae. Fenugreek.
No. 934. Methi Bhaji. A potherb used for medicinal purposes.
For previous introduction see 141730.

146775. MUSA sp. Musaceae.
From Florida. Seeds presented by W. Paul Phillips, Orlando. Received August 24, 1943.
An ornamental species of banana from North Africa with an attractive, large, upright, pink bloom that lasts for about 3 months.

146776. LILIUM sp. Liliaceae.
From China. Seeds presented by Andrew Tse, Hong Kong, through Maj. Charles E. Dunn, New York, N. Y. Received August 27, 1943.
Collected in Kwaiyang Province, January 3, 1943.

146777 to 146824. PHASEOLUS VULGARIS L. Fabaceae. Common bean.
From the Union of South Africa. Seeds presented by the East African Agricultural Research Station, Amani, Tanganyika Territory. Received August 30, 1943.
146777. No. 588. 146779. No. 590.
146777 to 146824—Continued

146781. No. 593. 146803. No. 1157.
146783. No. 595. 146805. No. 1172.
146784. No. 597. 146806. No. 1174.
146786. No. 600. 146808. No. 1268.
146790. No. 654. 146812. No. 1275.
146792. No. 655-B. 146814. No. 1289.
146793. No. 655-C. 146815. No. 1290.
146794. No. 655-D. 146816. No. 1336.
146795. No. 724. 146817. No. 1337.
146797. No. 820-B. 146819. No. 1339.
146798. No. 840. 146820. No. 1420.
146799. No. 841. 146821. No. 1422.
146800. No. 842. 146822. No. 1427.
146801. No. 909. 146823. No. 1428.
146802. No. 1000. 146824. No. 1462.

146825. SACCHARUM. Poaceae.  

Sugarcane.

From the Union of South Africa. Cuttings presented by Dr. H. H. Dodds,  
Mount Edgecombe. Received September 1, 1943.

Co. 244.

146826. CITRUS. Rutaceae.

From Florida. Seeds collected by Dr. David Fairchild, Coconut Grove. Received September 1, 1943.

Sampson Tangelo. Grapefruit crossed with tangerine.

146827 to 146840.

From Maryland. Seeds presented by the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 2, 1943.

146827 to 146838. GLYCINE MAX (L.) Merrill. Fabaceae.  

Soybean.

146827. Arkan. From Maryland.
146828. Arksoy. From South Carolina.
146829. Bansei–1. From Maryland.
146830. Burnette. From South Carolina.
146831. Edsoy. From Maryland.
146833. Magnolia. From South Carolina.
146834. Mingo. From Illinois.
146827 to 146840—Continued

146835. Missoy. From South Carolina.
146836. Ogden. From South Carolina.
146837. Seminole. From South Carolina.
146838. Tokyo. From South Carolina.
146839. STIZOLOBIUM sp. Fabaceae.
   Early Arlington. From South Carolina.
146840. STIZOLOBIUM sp.
   Tracy Black. From South Carolina.

146841 to 146844.
From California. Seeds purchased from Eustace Rush, Burbank. Received September 8, 1943.
146841. ARECASTRUM ROMANZOFFIANUM (Cham.) Becc. Phoenicaceae.
   A palm, native to Brazil, with an unarmed trunk about 20 feet high and 1 foot in diameter, bearing a crown of plume-like pinnate leaves 12 to 15 feet long. The fruit is a pale-orange drupe about the size of a large acorn.
   For previous introduction see 145570.
146842. CEDRUS DEODARA (Lam.) Loud. Pinaceae. Deodar cedar.
   For previous introduction see 123171.
   For previous introduction see 24625.
146844. CUPRESSUS MACROCARPA Hartw.

146845. GOSSYPIUM. Malvaceae. Cotton.
From Peru. Seeds collected by William C. Davis, Tingo Maria. Received September 8, 1943.
146846. SCORZONERA sp. Cichoriaceae.
From Iraq. Seeds obtained by the United States delegate to the Food Conference, through the American Minister, Baghdad. Received September 8, 1943.
   Carda. Collected in Curtistan.

146847 and 146848.
From Washington, D. C. Seeds presented by I. T. Haig, Division of Forest Management Research, Forest Service, United States Department of Agriculture. Received September 11, 1943.
   Shortleaf pine.
   For previous introduction see 146687.
146848. PINUS TAEDA L.
   Loblolly pine.
   For previous introduction see 146688.

146849. MEDICAGO SATIVA L. Fabaceae. Alfalfa.
From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 13, 1943.
146850. ARECASTRUM ROMANZOFFIANUM (Cham.) Becc. Phoenicaceae.

From California. Seeds purchased from the Aggeler and Musser Seed Co., Los Angeles. Received September 14, 1943.

For previous introduction see 146841.


A tree 25 to 30 feet high, the seeds of which furnish a yellow dye used to color butter and cheese. It is sometimes used as a hedge.

For previous introduction see 92343.

146852 to 146867.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Division of Rubber Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received September 15, 1943.

146852. ACACIA sp. Mimosaceae.

From Oronximina.

146853. (Undetermined.)

From Terra Santa, August 29, 1943.

146854. EPISCIA sp. Gesneriaceae.

From Oronximina.

146855. CACTUS sp. Cactaceae.

From Oronximina.

146856. CACTUS sp.

From Oronximina.

146857. (Undetermined.)

From Rio Trombetas, August 26, 1943.

146858. COPAIFERA sp. Caesalpinaceae.

From Santarem, August 31, 1943.

146859. HIBISCUS sp. Malvaceae.

From Juraty, August 30, 1943.

146860. HYMENAEA CURZARIL L. Caesalpinaceae. Courbaril.

From Obidos, August 31, 1943. A tall handsome tree with glossy bifoliolate leaves, and terminal panicles of large white flowers. Native to the West Indies.

For previous introduction see 97768.

146861. (Undetermined.)

From Porteira and Rio Trombetas, August 26, 1943.

146862. (Undetermined.)

From Oriximania, August 23, 1943.

146863. RUILLIA sp. Acanthaceae.

From Terra Santa, August 29, 1943.

146864. RUILLIA sp.

From Juraty Nova, August 30, 1943.

146865. SMILAX sp. Smilacaceae.

From Faro, August 28, 1943.
146852 to 146867—Continued

146866. SMILAX sp.
   From Obidos, August 31, 1943.

146867. (Undetermined.)
   From Peru.

146868 to 146871.

From Mexico. Plants presented by Dr. Robert T. Clausen, Office of Foreign Agricultural Relations, Mexico City. Received September 15, 1943.

146868. SEDUM CONZATTII Rose. Crassulaceae.
   No. 6080. A more or less shrubby sedum 12 or 15 inches high, with alternate, spatulate, rather thin leaves 1 inch long, and small, white or purplish flowers in short cymes. Native to Mexico.

146869. SEDUM NAPIFERUM Peyr.
   No. 6020. A succulent annual 1 to 3 inches high, with subterete, very small leaves % inch long, and cymes of small rosy flowers. Native to Mexico.

146870. SEDUM HEMSLEANUM Rose.
   No. 6071. A fleshy perennial 4 to 12 inches high, with oblong spatulate leaves up to 1 inch long, and white flowers, ¼ inch across, in an elongated panicle. Native to Mexico.

146871. VILLADIA RAMOSISSIMA Rose. Crassulaceae.
   No. 6073. A shrubby, much-branched villadia, native to limestone hills in Puebla, Mexico. The reddish branches become spreading with age, and the rigid oblong leaves are nearly terete. The small flowers, about 1/3 inch across and white with a pinkish tinge, are in loose leafy cymes.
   For previous introduction see 7390.

146872 to 146874.

From Brazil. Tubers presented by J. T. Baldwin, Jr., Para. Received September 15, 1943.

146872. DIOSCOREA sp. Dioscoreaceae.

146873. DIOSCOREA ALATA L.

146874. DIOSCOREA TRIFIDA L.f.
   A wild yam native to northern Brazil, with small, edible tubers, winged or angled stems, and leaves 3- to 5-lobed.

146875. PENNISETUM CILIARE (L.) Link (P. cenchroides Rich.). Poaceae.
   Grass.
   From the Union of South Africa. Seeds presented by M. Wilman, McGregor Museum, Kimberley. Received September 1, 1943.
   A very hardy type of grass that stands winter rains and frost unusually well.
   For previous introduction see 146268.

146876 to 146892. SORGHUM VULGARE var. SACCHARATUM (L.) Boerl. Poaceae.
   Sweet sorghum.
   From the Union of South Africa. Seeds presented by H. H. Dodds, South African Sugar Association Experiment Station, Mount Edgecombe, Natal. Received September 1, 1943.

146876. Blanc. From the Belgian Congo.
146876 to 146892—Continued

146878. Eala. From the Belgian Congo.
146879. Fardura. From the Belgian Congo.
146880. From the Gold Coast.
146881. Incomati No. 1. From Portuguese East Africa.
146882. Incomati No. 2. From Portuguese East Africa
146883. Incomati No. 3. From Portuguese East Africa.
146884. Incomati No. 4. From Portuguese East Africa.
146885. Jones. From the Belgian Congo.
146887. MacClean. From the Belgian Congo.
146889. Saccaline. From the Belgian Congo.
146890. Sugar Drip. From the Belgian Congo.
146891. From Swaziland.
146892. Takanda. From Nigeria.

146893. PAEPALANTHUS POLYANTHUS Kunth. Eriocaulaceae.
From Brazil. Seeds presented by the Mackenzie College, São Paulo, through Cecil M. P. Cross, American Consul General. Received September 3, 1943.

A shrubby species, 3 to 6 feet high, possibly the largest in the genus, with lanceolate, sharp-pointed leaves up to 8 inches long. The small flower heads are in large dense umbels on long leafy peduncles. Native to damp places in southern Brazil.

146894 to 146896. RICINUS COMMUNIS L. Euphorbiaceae. Castor-bean.

From Maryland. Seeds obtained through the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 16, 1943.

146894. Counter.
146895. Doughty 11.
146896. Kentucky 38.

146897 to 146904. ARACHIS HYPOGAEA L. Fabaceae. Peanut.
From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 16, 1943.

Grown at Holland, Va.

146897. Improved Spanish 2B.
146898. South East Runner.
146899. Spanish 18–38.
146900. Valencia.
146901. Virginia Bunch.
146902. Virginia Bunch (Florence strain).
146903. Virginia Runner.
146904. Virginia Station Jumbo.

From Peru. Seeds presented by Claud Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received September 17, 1943.

Collected near Iquitos by Dr. Guillermo Klug, for E. C. Higbee, Office of Foreign Agricultural Relations.

146906. CAMELLIA RETICULATA Lindl. Theaceae.

From England. Plants presented by the Stuart Low Co., Enfield, Middlesex. Received October 26, 1943.

A large, loosely branched tree up to 30 feet high, with grayish bark. The rigid, oblong leaves are not shining, but are dull green and reticulated with deeply sunken veins. The flowers, the largest of the genus, are clear rose and 3½ inches across. This species, not as hardy as Camellia japonica, is native to western Yunnan, China.

146907 to 146919.

From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 18, 1943.

146907. AEGILOPS BIUNCIALIS Visiani. Poaceae.

An annual grass, native to the Mediterranean region.

For previous introduction see 116287.

146908. AEGILOPS CYLINDRICA Host.

An erect annual grass 1 to 2 feet high; native to Europe.

For previous introduction see 111154.

146909. AEGILOPS ELONGATA Lam.

A bushy annual grass with ascending stems, native to rather dry areas in the Mediterranean region.

146910. AEGILOPS OVATA L.

An annual densely branched grass, with ascending stems about a foot high, native to the dry Mediterranean region.

For previous introduction see 141373.

146911. AEGILOPS SQUARROSA L.

A bushy grass, branching from the base, with slender erect stems bearing rough narrow leaves and stiff, rather loose spikes of long-awned flowers. It is a native of western Asia, especially Syria, and is considered to have been one of the species from which the cultivated wheats were derived.

For previous introduction see 110061.

146912. AGROPYRON TRICHOPHORUM (Link) Richt. Poaceae. Grass.

A stout perennial grass up to 3 feet high, native to southern Europe.


An annual grass, native to the Mediterranean region, with upright stems, and panicles up to 8 inches long.

For previous introduction see 67060.

146914. HORDEUM BULBOSUM L. Poaceae. Grass.

A perennial grass about 4 feet high.

For previous introduction see 144047.

146915. HORDEUM GUSSONIANUM Parl.

An annual tufted grass up to 1½ feet high, with stems often prostrate at the base. Native to sandy regions in central Europe.
146907 to 146919—Continued

146916. *Hordeum jubatum* L. Foxtail barley.
   For previous introduction see 125052.

146917. *Hordeum murinum* L.
   An annual European steppe grass that forms a thick growth up to about 1 or 2 feet high.
   For previous introduction see 141415.

   A European perennial grass of upright habit and about 1 foot high.
   For previous introduction see 90152.

   For previous introduction see 115821.

146920. *Amygdalus persica* L. Amygdalaceae. Peach.
   From Michigan. Seeds presented by Stanley Johnston, South Haven Experiment Station, South Haven. Received September 12, 1943.

146921 to 146925.
   From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 21, 1943.

   146921. No. 22705. From South Dakota.
   146922. No. 29721. From New Mexico.
   146923. No. 22755. From South Dakota.

146924. *Agropyron elongatum* (Host) Beauv. (*A. rigidum* Beauv.).
   No. 1. From Washington.

146925. *Agropyron smithii* Rydb.
   No. 22856. From South Dakota.
   For previous introduction see 146396.

   From Bolivia. Seeds collected by Claud L. Horn, Office of Foreign Agricultural Relations. Received September 22, 1943.
   An ornamental tree from Paraiani, July 24, 1943.

146927 to 146932.
   From Mexico. Seeds presented by Dr. R. T. Clausen, Mexico City. Received September 15, 1943.


   146930. No. 6061a. “A” variety, large seeds.
   146931. No. 6061a. “A” variety, small seeds.
   146932. No. 6063. “A” variety.
   For previous introduction see 43013.
146933. CITRUS AURANTIFOLIA (Christm.) Swingle. Rutaceae. Lime.

From Cuba. Budsticks purchased from Thomas R. Towns, Holguin. Received September 23, 1943.
A seedless and thornless Brazilian lime.

146934 to 146938. BETA VULGARIS L. Chenopodiaceae. Common beet.

From Maryland. Seeds obtained through the Division of Sugar Plant Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 25, 1943.
Grown in New Mexico.
146934. U. S. 22 (922).
146935. U. S. 33.
146938. U. S. 216.

146939. CYPERUS ESCULENTUS L. Cyperaceae. Chufa.

From Florida. Seeds purchased from the Kilgore Seed Co., Plant City. Received September 29, 1943.
An easy-growing sedge that yields an abundant crop of small, edible, but fibrous tubers that taste like very sweet almonds.
For previous introduction see 99341.

146940 to 146942. GOSSYPIUM. Malvaceae. Cotton.

From Maryland. Seeds obtained through the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 29, 1943.
146940. Coker 100. From South Carolina.
146942. Stoneville 2B. From Mississippi.


From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 29, 1943.
Grown in Oklahoma.
146943. Acme.
146944. Black Spanish.
146945. Full-tip.
146946. Scarborough Duf.

146947 to 146963. NICOTIANA TABACUM L. Solanaceae. Tobacco.

From Maryland. Seeds obtained through the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received September 30, 1943.
146947. Connecticut Havana (cigar type).
146948. Connecticut Broadleaf (cigar type).
146949. Little Dutch (cigar type).
146950. Big Cuba (cigar type).
146951. Florida Sumatra (cigar type).
146947 to 146963—Continued

146952. *Cuban* (cigar type).
146954. *Jamaica* (flue-cured).
146956. *Judy's Pride* (white burley).
146957. *Kelley* (air-cured type).
146959. *One Sucker* (dark air-cured type).
146960. *Improved Yellow Mammoth* (fire-cured).
146962. *Maryland Broadleaf*.
146963. *Maryland Medium Broadleaf*.

146964. **CHrysanthemum** sp. *Asteraceae*.

From Bolivia. Seeds collected by Claud L. Horn, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received September 21, 1943.

Collected at San José, near Lake Titicaca, August 1943. Grown as an ornamental.

146965 to 146967.

From Argentina. Seeds presented by M. J. Mintzer, Estación Agrícola Experimental, Coronel Moldes, Provincia de Salta, through H. H. Bartlett, University of Michigan, Ann Arbor, Mich. Received September 21, 1943.

146965. **Cucurbita ficifolia** Bouche. *Cucurbitaceae*. *Alcallota*.

No. 20271. *Cayote*. An extensively cultivated melon, native to Ecuador, where it is used as food for man as well as for stock. It averages 20 to 30 pounds in weight when ripe and the shell is very hard, the flesh white, and the seeds black.

For previous introduction see 128203.

146966. **Cucurbita moschata** Duchesne. *Cushaw*.

No. 20270. *Anco*.

146967. **Cyclanthera pedata** (L.) Schrad. *Cucurbitaceae*.

No. 20272. *Akhoscha*. A tropical, cucumberlike vegetable, which is stuffed with meat and baked.

For previous introduction see 142215.

146968 and 146969.

From the Union of South Africa. Seeds presented by M. Wilman, McGregor Museum, Kimberley. Received September 16, 1943.


A native South African grass.

For previous introduction see 145876.

146969. **Rhus ciliata** Schult. *Anacardiaceae*.

A useful little bush that thrives well in limey soil. It flowers in winter and the flower tops are eaten by stock. Common throughout Griqualand West and adjacent parts of the Orange Free State.

For previous introduction see 146714.
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146970 to 146974. NICOTIANA TABACUM L. Solanaceae. Tobacco.
From Maryland. Seeds obtained through the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 1, 1943.
  146972. Havana.

146975. SACCHARUM. Poaceae.
Sugarcane.
From Florida. Cuttings presented by the United States Department of Agriculture Sugarcane Station, Canal Point. Received October 1, 1943.
Imp. 853.

146976 to 146980. NICOTIANA RUSTICA L. Solanaceae.
Aztec tobacco.
From Maryland. Seeds obtained through the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 4, 1943.
  146976. 6.2.1. 146979. 5.2.1.B.
  146977. 5.6. 146980. 6.2.1. Imp.
  146978. 5.2.1.

146981 to 147024.
  146981 to 146987. PHASEOLUS VULGARIS L. Fabaceae. Common bean.
  146982. Pencil Pod Black Wax. 146986. Sure Crop Wax.
  146984. Round Pod Kidney Wax.

146988 and 146989. SPINACIA OLERACEA L. Chenopodiaceae. Spinach.
  146988. Old Dominion.
  146989. Virginia Savoy.

146990 and 146991. APIUM GRAVEOLENS L. Apiaceae. Celery.


146993. BRASSICA OLERACEA var. VIRIDIS L. Brassicaceae. Kale.
  Tall Green Curled Scotch; collards.

146994. BRASSICA OLERACEA var. BOTRYTIS L. Cauliflower.
  Super Snowball.

146995 to 146998. BRASSICA OLERACEA var. CAPITATA L. Cabbage.
  146995. All Head Early.
  146996. Jersey Wakefield.
  146997. Surehead.
  146998. Wisconsin Hollander.
146981 to 147024—Continued

146999 and 147000. DAUCUS CAROTA L. Apiaceae. Carrot.
146999. Danvers Half Long.
147000. Imperator.

147001 to 147008. LACTUCA SATIVA L. Cichoriaceae. Garden lettuce.
147001. Imperator.
147002. Imperial No. 44.
147003. Imperial No. 152.
147004. Imperial No. 456.
147005. Imperial No. 615.

147006. Imperial No. 847.
147007. New York 199 Improved.
147008. White Paris Cos (Tri-
anon).

147009 to 147014. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.
147009. Marglobe.
147010. Nortons W. R.
147011. Pan America.
147012. Pearson.
147013. Pritchard.
147014. Rutgers.

147015. PHASEOLUS LUNATUS L. Fabaceae. Lima bean.
Henderson's Bush Lima.

147016 to 147021. PHASEOLUS VULGARIS L. Fabaceae. Common bean.
147016. Giant Podded Pole Bean.
147017. Kentucky Wonder (brown).
147018. Kentucky Wonder (white, resistant).
147019. Kentucky Wonder, White U. S. No. 4.
147020. U. S. No. 3.
147021. U. S. No. 5. Refugee.

147022 to 147024. RAPHANUS SATIVUS L. Brassicaceae. Radish.
147022. California Mammoth White.
147023. Early Scarlet Globe.
147024. White Icicle.

147025. ETHNORA sp. Phoenicaceae.
From Colombia. Seeds presented by H. V. Geib, American Embassy, Bogotá.
Received September 21, 1943.
Collected by Dr. Richard Schultes in the Amazon Forest of the Rio Macaya,
Vaupes.
A huge ornamental palm from 60 to 80 feet tall that grows in a clay or
laterite gravel soil in a region with a very high rainfall.

147026 to 147030. Sorghum vulgare var. scarcharatum (L.) Boerl. Poa-
ceae.
147026. F. C. 15/43. Nagro.
147028. N. A. 1/39.

147029. Durra Beda.
147030. Durra Safra.


147031. *Country Gentleman.*
147032. *Golden Cross Bantam.*
147033. *Stowell's Evergreen.*


From Illinois. Seeds purchased from the Roger Bros. Seed Co., Chicago. Received October 15, 1943.

*Rogers Stringless Green Refugee.*

147035 and 147036.

From Florida. Seeds presented by Dr. David Fairchild, Coconut Grove. Received October 18, 1943.


An African citrus relative, native to the Ivory Coast, where it grows as a small, spiny, evergreen tree about 10 feet high, with short panicles of white flowers, and roundish, hard-shelled fruits 5 inches in diameter.

For previous introduction see 109606.


A spiny shrub or small tree with large green flowers, simple or trifoliate leaves 5 to 8 inches long, and hard-shelled, pear-shaped fruits about 4 inches in diameter. Native to the French Congo.

For previous introduction see 109618.

147037. *Citrus.* Rutaceae.

From California. Seeds presented by the Citrus Experiment Station, Riverside, through W. T. Swingle. Received October 18, 1943.


From Texas. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received October 18, 1943.

*Tuxpan.*


From Maryland. Cuttings obtained through the Division of Drug and Related Plants, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 19, 1943.

147040 and 147041. *Nicotiana rustica* L. Solanaceae. *Aztec tobacco.*

From Maryland. Seeds obtained through the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 21, 1943.

Varieties with high nicotine content.

147040. No. 68.
147041. No. 34753.
147042 and 147043. CUCUMIS MELO L. Cucurbitaceae.  
**Muskemelon.**

From Italy. Seeds presented by Col. Lemuel Bolles, American Military Government for Occupied Territories. Received October 13, 1943.

147042. Algerian melon seed.

147043. White melon from Sicily.

147044 to 147047.


147044. AMORPHA FRUTICOSA L. Fabaceae. **Indigobush.**

For previous introduction see 139206.

147045. ASPERULA TINCTORIA L. Rubiaceae.

147046. BAPTISIA TINCTORIA R. Br. Fabaceae.

147047. ISATIS TINCTORIA L. Brassicaceae.

147048. ALEURITES TRISPERMA Blanco. Euphorbiaceae. **Banucalag.**

From Florida. Seeds presented by S. J. Lynch, Sub-Tropical Experiment Station, Homestead. Received October 23, 1943.

For previous introduction see 146664.

147049. SORGHUM VULGARE Pers. Poaceae. **Sorghum.**

From the Union of French West Africa. Seeds presented by the Service of Agriculture, Dakar. Received October 16, 1943.

*Mil Sucre.*

147050 to 147052. PHASEOLUS VULGARIS L. Fabaceae. **Common bean.**

From New York. Seeds presented by the Seed Laboratory of the New York Experiment Station, Geneva. Received October 23, 1943.


147051. Simpson.

147052. Wells.

147053. PHASEOLUS VULGARIS L. Fabaceae. **Common bean.**

From New York. Seeds purchased from the Joseph Harris Co., Rochester. Received October 27, 1943.

*Boston Marrow.*

147054. MELILLOTUS OFFICINALIS (L.) Lam. Fabaceae. **Yellow sweetclover.**

From Maryland. Seeds purchased from the G. Scarlett & Co., Baltimore. Received October 27, 1943.

147055. HORDEUM VULGARE L. Poaceae. **Barley.**

From Arizona. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received October 27, 1943.


147056 and 147057. BRASSICA OLERACEA var. CAPITATA L. Brassicaceae. **Cabbage.**

From South Carolina. Seeds presented by Dr. Charles F. Poole, U. S. Vegetable Laboratories, Charleston. Received October 27, 1943.

147056. Madison.

147057. Hugenot.
147058 and 147059.
From Maryland. Seeds obtained through the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received October 30, 1943.

For previous introduction see 146553.

147059. Lycopersicon hirsutum Humb. & Bonpl. (L. agrimoniaefolium Dun.).
For previous introduction see 134418.

147060 to 147078.
From Brazil. Seeds collected by J. T. Baldwin, Jr., Amazonas. Received September 28, 1943.

Unless otherwise mentioned all numbers were collected in Porto-Velho, Amazonas, September 12, 1943.

147060. Acacia sp. Mimosaceae.
A large ornamental legume, the pods of which produce a gum.

A shrub up to 8 feet tall, the seeds of which are eaten when green.

147062. Fruit large, of excellent flavor.
147063. Fruit has rather poor flavor.

September 10, 1943. A cultivated melon.

147065. Cucumis sp.
Fruit cucumberlike.

147066. Paulinia sp. Sapindaceae.

The only variety seen in the Amazon Valley.

A herbaceous, bushy plant about 1 foot high, with ovate-elliptic, tomentose leaves, small white flowers, and large, roundish, edible red berries. Native to Brazil.
For previous introduction see 114472.

147069. Solanum sp.
A yellow-fruited species.

147070. Solanum sp.


147071. No. 1.
147072. No. 2.

147073. No. 1. From Santarém, Para.
147074. No. 2.
147075. No. 3.
147060 to 147078—Continued

147076. No. 4. A very good variety.
147077. No. 7.
147078. No. 6.

147079 to 147103.


147079. ARISTIDA sp. Poaceae. From Fort Dauphin.
For previous introduction see 119912.
147081. CAJANUS CAJAN (L.) Druce. Fabaceae. Pigeonpea. From the Agricultural Experiment Station, Amborombe.
147082. CROTALARIA sp. Fabaceae. From near Ambatoabo.
147083. CROTALARIA sp. From near Ambatoabo.
147084. CYMBOPOGON GIGANTEUS (Hochst.) Chiov. Poaceae. Grass. From Fort Dauphin.
147085. CYMBOPOGON sp. From banks of gully, Bekily.
147087. DACTYLOCTENIUM AEGYPTIUM (L.) Richter (Eleusine aegyptiaca Desf.) Poaceae. Grass. From the Agricultural Experiment Station, Amborombe.
For previous introduction see 106469.
147090. ENTADA sp. Mimosaceae. From Abatoabo.
For previous introduction see 145650.
147094. TRACHYLOBIUM VERRUCOSUM (Gaertn.) Oliver (Hymenaea verrucosa Gaertn.). Caesalpiniaeae. From the Botanic Garden, Nahampoano, Fort Dauphin.
For previous introduction see 87519.
From Ampandravava.
For previous introduction see 51340.

147096. JATROPHA sp. Euphorbiaceae.
From Antanimora.

147097. MELALEUCA LEUCAEDENDRON L. Myrtaceae. Cajeput-tree.
From the Botanic Garden, Nahampoana.
For previous introduction see 90715.

From Fort Dauphin.

147100. SESBANIA sp. Fabaceae.
From Bekily.

147101. SPOROBOLUS sp. Poaceae. Grass.
From a few miles north of Fianarantsoa.

147102. STENOTAPHRUM sp. Poaceae. Grass.
From Fort Dauphin.

147103. (Undetermined).
From the Botanic Garden, Nahampoana.

From Maryland. Seeds obtained from the Division of Cotton and Other Fiber Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 3, 1943.
Grown in Atmore, Ala.
For previous introduction see 87521.

147105 to 147108.
From Maryland. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 3, 1943.

147105. HELIANTHUS sp. Asteraceae. Graystripe. From California.

147106. HELIANTHUS sp. Manchurian. From California.

147107. HELIANTHUS sp. Mennonite. From Ottawa, Canada.

147108. HELIANTHUS sp. Sunrise. From Ottawa, Canada.

147109 to 147122. ZEA MAYS L. Poaceae. Corn.
From Louisiana. Seeds obtained through the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received November 2, 1943.


147110. Pedigree: (10 × 62) (13 × 2–2).


**147109 to 147122—Continued**

147113. La. Hyb. 2509 (Yellow Flint Prolific).
147114. Pedigree: (504 $\times$ 507) (568 $\times$ 548).
147115. Single Cross: 504 $\times$ 507.
147116. Single Cross: 568 $\times$ 548.
147117. Inbreds: 504, 507, 568, and 548.
147118. La. Hyb. 703 (Yellow Dent).
147119. Pedigree: (578 $\times$ 586) (589 $\times$ 588–2).

**147123. **Medicago sativa L. Fabaceae. Alfalfa.

From Maryland. Seeds obtained through the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 3, 1943.

Grown in Montana.

**147124 and 147125.**

From Ohio. Plants purchased from Henry Kohankie & Sons, Painesville. Received November 4, 1943.


Var. Pauli.


Hopa crabapple.

**147126. **Carica papaya L. Papayaceae. Papaya.

From Florida. Seeds presented by Bronson Bayliss, Miami. Received November 4, 1943.

Betty.

**147127 to 147136.**

From South Carolina. Seeds presented by the United States Regional Vegetable Breeding Laboratory, Charleston. Received November 4, 1943.


147127. Dove. 58B–49–8–1–1.
147128. Dove. D1–1–4—Relatively cold-tolerant.
147130. Dixie Queen. D q–1.
147132. Sun, Moon, and Stars. 183–1–4–1.


147135. Hermaphrodite-sexed melon.


Winter squash.
147137 to 147141. **Pennisetum purpureum × glaucum.** Poaceae. Grass.

From Georgia. Plants presented by Glenn W. Burton, Division of Forage Crops and Diseases, Experiment Station, Tifton. Received November 5, 1943.

147137. Napier × Cattail Millet No. 4.
147138. Napier × Cattail Millet No. 5.
147139. Napier × Cattail Millet No. 6.
147140. Napier × Cattail Millet No. 7.
147141. Napier × Cattail Millet No. 9.

147142 to 147147.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 6, 1943.

147142. **Alysicarpus vaginalis.** (L.) DC. Fabaceae. Grown in Florida.
   For previous introduction see 142309.

147143. **Crotalaria incana** L. Fabaceae.
   Grown in South Carolina.
   For previous introduction see 110181.

147144. **Crotalaria intermedia** Kotschy.
   Grown in Florida.
   For previous introduction see 70903.

147145. **Crotalaria lanceolata** E. Mey.
   Grown in South Carolina.
   For previous introduction see 49295.

147146. **Crotalaria spectabilis** Roth.
   Grown in South Carolina.
   For previous introduction see 106921.

   For previous introduction see 37931.

147148. **Tarchonanthus minor** Less. Asteraceae.

From the Union of South Africa. Seeds presented by M. Wilman, Kimberley, through Charles A. Heath, Chicago, Ill. Received November 11, 1943.

_**Klein Vaalbos.**_

For previous introduction see 145880.

147149. **Lycopersicon esculentum** Mill. Solanaceae. Tomato.

From North Dakota. Seeds presented by the Agricultural Experiment Station, Fargo. Received November 11, 1943.

_Bounty._


From Washington, D. C. Seeds presented by C. O. Erlanson, Division of Plant Exploration and Introduction, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville, Md. Received November 11, 1943.
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From India. Seeds presented by B. S. Kadam, Deputy Director of Agriculture, Poona. Received November 12, 1943.

147151. Akulkhede. From East Khandesb, Bombay.


147153. 35–1. From Arbhavi, Bombay.

147154 to 147158. From Athani, Bombay.

147154. Ghalwadi.

147155. Gid-gap.

147156. Nandyal.

147159. Sadagar. From Chikodi, Bombay.

147160. 147164. From Devi-Hosour, Bombay.

147160. Javari.

147161. Maisal.

147162. Nandyal.

147163. White Fulgar.

147164. Yellow Fulgar.

147165. Fulgar White. From Harti-Dharwar, Bombay.


147169. No. 10–2. From Jalalpore, Bombay.


147173. No. 35–1. From Mohol, Bombay.


147177. Nalwan. From Prantij, Bombay.

147178. Utavari. From Prantij, Bombay.

147179 to 147182. From Ranebennur, Bombay.

147179. Ranebennur 1.


147181. Ranebennur 3.


147183 to 147190. From Surat, Bombay.

147183. Althan Deshi.

147184. Budha Perio.

147185. Budha Perio.

147186. Chapti.

147191 to 147200. From Viramgam, Bombay.

147191. Chhasatio.

147192. G. 1.

147193. G. E. 1.


147196. G. 40.

147197. Utavari.

147198. W. E. 1.


147201 to 147204. From Bengal, Bombay.

147201. Burma-Black Close.

147202. Burma-Pink Close.

147203. Ksidhnagar.

147204. Rajashahi.
147151 to 147281—Continued

147205. *Fawn glumed.* From Sabour, Bihar.
147207. **No. 3.** From Indore, Central India.
147208. **No. 9.** From Indore, Central India.
147209. **Indore.** From Indore, Central India.
147210 to 147213. From Guntur, Madras.
  147210. **G. J. 75.**
  147211. **G. J. 108.**
  147212. **G. J. 889.**
  147213. **G. J. 916.**
147214. **A. S. 29.** From Coimbatore, Madras.
147215. **A. S. 3313.** From Coimbatore, Madras.
147216. **Red Jonna.** From Guntur, Madras.
147217. **Rahi.** From Guntur, Madras.
147218. **Ghitaldroog Bili Jola.** From Babbur, Mysore.
147219. **S. 2.** From Babbur, Mysore.
147220. **S. 2–2.** From Babbur, Mysore.
147221 to 147231. From Bangalore, Mysore.
  147221. **Athani.**
  147222. **Bilimuri.**
  147223. **A. 13.**
  147224. **B. 35.**
  147225. **D. 47.**
  147226. **D. 61.**
  147227. **E. 24.**
  147228. **D. 79.**
  147229. **F. 24.**
  147230. **Haladi.**
  147231. **Mungar Kesari.**
147232 to 147250. From Nandyal, Mysore.
  147232. **Fodder var.**
  147233. **G. P. Local.**
  147234. **N. T. 26/152 (Fodder variety.)**
  147235. **N. T. 29/4.**
  147236. **N. T. 29/68.**
  147237. **N. T. 29/152.**
  147238. **N. T. 502.**
  147239. **N. T. 733.**
  147240. **N. T. 948.**
  147241. **N. T. 979.**
  147242. **N. T. 982.**
  147243. **N. T. 994.**
  147244. **N. T. 995.**
  147245. **N. T. 1003.**
  147246. **N. T. 1008.**
  147247. **N. T. 1012.**
  147248. **N. T. t 6.**
  147249. **Pithy stem variety.**
  147250. **Sweet stem variety.**
147251 to 147260. From Parbhani (H. E. H. Nizam’s Gov’t.) Deccan.
  147251. **Dagadi.**
  147252. **Banded Yellow.**
  147253. **PB. 1–K.**
  147254. **PB. 2–K.**
  147255. **PB. 3–K.**
  147256. **PB. 4–K.**
  147257. **PB. 1–R.**
  147258. **PB. 2–R.**
  147259. **PB. 3–R.**
  147260. **PB. 4–R.**
147261 to 147274. From Dokri, Punjab.
  147261. **Acho Kartuho.**
  147262. **Achi Kodri.**
  147263. **Acho Torh.**
  147264. **Achi Turi.**
147151 to 147281—Continued

147265. Allakh.
147266. Bagdar.
147267. Depar.
147268. Honey Sorghum.
147269. Kamadri.

147275 to 147279. From Sirsa, Punjab.
147275. Sirsa (Fodder Var.)
147276. No. 20 (Fodder Var.)
147277. No. 21 (Fodder Var.)

147280. 5 Tall. From Cawnpore, United Provinces.
147281. 8 B. From Cawnpore, United Provinces.

From Iowa. Seeds presented by Spencer Howe, Keokuk, through the Hon. Thomas E. Martin, Representative, Fifth District, Iowa. Received November 13, 1943.
A variety of Tasmanian origin.

From Maryland. Seeds obtained through the Division of Cotton and Other Fiber Crops, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 16, 1943.
147283. Acala 1517. From New Mexico.
147284. Acata. From California.
147285. S X P Egyptian. From Arizona.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 16, 1943.
147286. Bansei. From Beltsville, Md.
147287. Cherokee. From South Carolina.
147288. Chusei. From Beltsville, Md.
147289. Easycook. From New Jersey.
147290. Edsoy. From Beltsville, Md.
147291. Etum. From Beltsville, Md.
147292. Green & Black. From South Carolina.
147293. Higan-B. From Beltsville, Md.
147294. Hokkaido. From New Jersey.
147295. Imperial. From New Jersey.
147296. Kanro. From Beltsville, Md.
147297. Seminole. From South Carolina.
147298 to 147302. PENNISETUM PURPUREUM × GLAUCUM. Poaceae.

From Georgia. Plants presented by Glenn W. Burton, Experiment Station, Tifton. Received November 17, 1943.
A collection of Napier grass-cattail millet hybrids.

147298. No. 4. 147301. No. 7.
147299. No. 5. 147302. No. 9.
147300. No. 6.

147303. CINCHONA PUBESCENS Vahl (C. succirubra Pav.). Rubiaceae.

From Colombia. Seeds collected by Enrique Mosquera W., Cauca. Received November 17, 1943.
Collected near Popayan, October 1943.

147304 to 147346. GLYCINE MAX (L.) Merrill. Fabaceae. Soybean.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 18, 1943.

147304. Armrede. From Monetta, S. C.
147305. Avoyelles. From Monetta, S. C.
147306. Charlee. From Monetta, S. C.
147307. Cherokee. From Monetta, S. C.
147308. Chusei. From Beltsville, Md.
147309. Clemson. From Monetta, S. C.
147310. Creole. From Monetta, S. C.
147311. Dunfield. From Illinois.
147312. Earlyana. From Illinois.
147313. Easycook. From New Jersey.
147314. Edsoy. From Beltsville, Md.
147315. Etum. From Beltsville, Md.
147316. Georgian. From Monetta, S. C.
147318. Green & Black. From Monetta, S. C.
147319. Higan-B. From Beltsville, Md.
147320. Hokkaido. From Beltsville, Md.
147321. Imperial. From New Jersey.
147322. Kanro. From Beltsville, Md.
147323. Kura. From Beltsville, Md.
147324. Laredo. From Monetta, S. C.
147325. Mandarin. From Illinois.
147326. Mandell. From Illinois.
147327. Midwest. From Monetta, S. C.
147328. Minge. From Illinois.
147329. Morse. From Illinois.
147304 to 147346—Continued

147331. Mukden. From Illinois.
147332. Ogden. From Tennessee.
147334. Ocootan. From Monetta, S. C.
147335. Palmetto. From Monetta, S. C.
147336. Patoka. From Monetta, S. C.
147337. Ralston. From Monetta, S. C.
147338. Rokusun-45. From Monetta, S. C.
147339. Seneca. From Illinois.
147340. Tanner. From Monetta, S. C.
147341. Tarheel Black. From Beltsville, Md.
147342. Tennessee-Non-Pop. From Tennessee.
147343. Tokyo. From Monetta, S. C.
147344. Volstata. From Monetta, S. C.
147345. White Biloxi. From Monetta, S. C.

147347. SOLANUM QUITOENSE Lam. Solanaceae.
From Peru. Seeds presented by R. B. Harvey, Division of Plant Pathology and Botany, University Farm, St. Paul, Minn. Received November 1943.

147348 to 147355.
From Canada. Seeds presented by the Manitoba Hardy Plant Nursery, Dropmore, Manitoba. Received November 11, 1943.

147348. AMYGDALUS TRILOBA (Lindl.) Ricker. Amygdalaceae.
(Prunus triloba Lindl.)
For previous introduction see 115091.

147349. PRINSEPIA SINENSIS Oliver. Amygdalaceae.
Cherry prinsepia.
For previous introduction see 135797.

147350. PRUNUS JAPONICA Thunb. Amygdalaceae.
Chinese bush cherry.
For previous introduction see 114028.

147351. PRUNUS MAACKI Rupr.
Amur cherry.
For previous introduction see 136286.

147352. PRUNUS TOMENTOSA Thunb.
Manchu cherry.
For previous introduction see 135620.

147353. RIBES DIACANTHA Pall. Grossulariaceae.
Currant.
For previous introduction see 72580.

147354. SYRINGA AMURENSIS Rupr. Oleaceae.
Manchurian lilac.
For previous introduction see 98916.

147355. SYRINGA JAPONICA (Maxim.) Decaisne. Oleaceae.
Japanese tree lilac.

147356 to 147370.
From the Union of South Africa. Seeds presented by the McGregor Museum, Kimberley. Received November 4, 1943.

147356. ANTHEPHORA PUBESCENS Mees. (Cenchrus pubescens Steud.) Poaceae.
Grass.
147359. Eragrostis curvula (Schrad.) Nees. Grass. For previous introduction see 146968.
147367. Panicum coloratum L. Grass.
147369. Tetragonia arbuscula Fenzl. Aizoaceae. For previous introduction see 107434.
147370. Tricholaena rosea Nees. Poaceae.

147371 to 147375.
From China. Seeds and bulbs presented by Ray G. Johnson, Wukong, Shensi. Received November 12, 1943.
147371 and 147372. Abelmoschus manihot (L.) Medic. (Hibiscus manihot L.) Malvaceae. Giant yellow strain, said to be of native Chinese stock. For previous introduction see 76892.
147373. Iris sp. Iridaceae. From Wukong gardens, said to have come from Shensi hills; strong growing, with flower stalks 6 feet high.
147374. Papaver sp. Papaveraceae. Wild poppy from hills of northeastern Kansu; flowers golden yellow.
147375. (Undetermined).

147376 and 147377.
From Africa. Seeds obtained from the British Experiment Station, Tanganyika, through Peter Heinz, Brownsville, Tex. Received November 23, 1943.
147377. Cinchona pubescens Vahl (C. succirubra Pav.). For previous introduction see 147303.

147378 to 147397.
From Canada. Seeds presented by the Experiment Station, Morden, Manitoba. Received November 17, 1943.
147378. Caragana spinosa (L.) DC. Fabaceae. A spiny shrub up to 6 feet high, or sometimes prostrate, with small pinnate leaves, and solitary yellow flowers about 1 inch long. Native to Siberia. For previous introduction see 42312.
147379. CRATAEGUS SUCCULENTA Link. Malaceae.
   A spiny tree about 15 feet high, with coarsely serrate leaves, small white
   flowers in dense villous corymbs, and red globose fruits about ½ inch in
   diameter. Native to the northeastern United States.

147380. MORUS ALBA var. TATARICA (L.) Loud. Moraceae.
   Russian mulberry.

147381. POTENTILLA FRUTICOSA var. FRIEDRICHSENII (Spaeth) Rehd. Rosaceae.
   For previous introduction see 97998.

147382. POTENTILLA FRUTICOSA L.
   Shrubby cinquefoil.
   For previous introduction see 100885.

147383. PRINSEPIA SINENSIS Oliver. Amygdalaceae.
   Cherry prinsepia.
   For previous introduction see 147349.

147384. PRUNUS FRUTICOSA Pall. Amygdalaceae.
   Bush cherry.
   A spreading shrub about 3 feet high, with obovate leaves 1 to 2 inches
   long, small white flowers in sessile umbels, and dark-red, globose, edible
   fruits an inch in diameter. Native to eastern Europe and Siberia.
   For previous introduction see 34482.

147385. PRUNUS HUMILIS Bunge.
   Cherry.
   For previous introduction see 394436.

147386. PRUNUS JAPONICA Thunb.
   Chinese bush cherry.
   For previous introduction see 147350.

147387. PRUNUS sp.

147388. PRUNUS PADUS var. COMMUTATA Dipp.
   Harbinger cherry.
   “May Day tree.”
   For previous introduction see 90794.

147389. PRUNUS SALICINA Lindl.
   Japanese plum.
   For previous introduction see 136388.

147390. PRUNUS TOMENTOSA Thunb.
   Manchu cherry.
   For previous introduction see 147352.

147391. PYRUS COMMUNIS L. Malaceae.
   Common pear.
   Wild pear.

147392. RIBES ALPINUM L. Grossulariaceae.
   Mountain currant.
   For previous introduction see 40417.

147393. RIBES DIACANTHA Pall.
   Currant.
   For previous introduction see 147353.

147394. SAMBUCUS RACEMOSA L. Caprifoliaceae.
   European red elder.
   For previous introduction see 108771.

147395. SYRINGA AMURENSIS Rupr. Oleaceae.
   Manchurian lilac.
   For previous introduction see 147354.

147396. SYRINGA JAPONICA (Maxim.) Decaisne.
   Japanese tree lilac.
   For previous introduction see 147355.

147397. SYRINGA VILLOSA Vahl.
   Late lilac.
   For previous introduction see 93124.
147398 to 147418. From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 23, 1943.

147398 to 147409. **Phaseolus vulgaris** L. Fabaceae. **Common bean.**

147398. *Blue Lake.*
147399. *Burpee's Stringless Green Pod.*
147400. *Full Measure.*
147401. *Dwarf Horticulture.*
147402. *Giant Stringless Green Pod.*
147403. *Idaho Refugee.*

147404. *Improved Kidney Wax.*
147405. *Kentucky Wonder (Brown).*
147406. *Pencil Pod Black Wax.*
147407. *Plentiful.*
147408. *U. S. No. 1 Refugee.*
147409. *U. S. No. 5 Refugee.*

147410. **Phaseolus lunatus** L. Fabaceae. **Lima bean.**

147411 to 147418. **Pisum sativum** L. Fabaceae. **Pea.**

147411. *Glacier.*
147412. *Fenton.*
147413. *Hundredfold.*
147414. *Perfection.*

147416. *Pride.*
147417. *Surprise.*
147418. *World's Record.*

147419 to 147423. **Ipomoea batatas** (L.) Lam. Convolvulaceae. **Sweetpotato.**

From Maryland. Plants obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received November 24, 1943.

147419. *B. 33.*
147420. *Pierson.*
147421. *Southern Queen.*

147422. *Triumph.*
147423. *Yellow Strassburgo.*

147424. **Humulus** sp. Moraceae. **Hop.**

From Oregon. Plants presented by R. E. Fore, School of Agriculture, Oregon Agricultural Experiment Station, Corvallis. Received November 25, 1943.

147425 to 147427. From China. Seeds presented by Andrew Tse. Received November 20, 1943.

147425. **Delphinium likiangense** Franch. Ranunculaceae.

For previous introduction see 112030.


For previous introduction see 99681.

147427. **Incarvillea lutea** Bur. & Franch.

For previous introduction see 111741.

147428. **Citrullus vulgaris** Schrad. Cucurbitaceae. **Watermelon.**


Collected in Outer Mongolia.
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147429 to 147450.

From South America. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering. Received November 30, 1943.

Nos. 147429 to 147439 from Corumba, Mato Grosso, Brazil, September 19, 1943.

147429. ACACIA sp. Mimosaceae.
147430. ARISTOLOCHIA sp. Aristolochiaceae.
147431. ARISTOLOCHIA sp.
147432. ASCLEPIAS sp. Asclepiadaceae.
   A vine with slightly irregular, high corky ridges along the stem; leaves cordate, short-acuminate, the upper surface slightly rough-pubescent, the under surface softly pubescent, both surfaces minutely glandular, and the margins ciliate.
147433. ASCLEPIAS sp.
   An erect shrub with corky ridges along the lower portion of the stem and with oblong, short-acuminate leaves, cuneate at the base, glabrous, somewhat shining, rather thick and leathery.
147434. CARDIOSPERMUM sp. Sapindaceae.
147435. CLEMATIS sp. Ranunculaceae.
147436. DOLICHOS LABLAB L. Fabaceae. Hyacinth-bean.
147437. ENTEROLEBIUM sp. Mimosaceae.
147438. FAGARA sp. Rutaceae.
147439. IPOMOEA sp. Convolvulaceae.
147440. LACTUCA SATIVA L. Cichoriaceae. Garden lettuce.
   From Porto Velho, Amazonas, Brazil. September 19, 1943.

Nos. 147441 to 147443 from Corumba, Mato Grosso, Brazil. September 19, 1943.

147441. ALLIUM sp. Liliaceae.
147442 and 147443. PHASEOLUS LUNATUS L. Fabaceae. Lima bean.
147444 and 147445. PHASEOLUS VULGARIS L. Common bean.
   From Porto Velho, Amazonas, Brazil. September 12, 1943.

Nos. 147446 and 147447 from Corumba, Mato Grosso, Brazil. September 19, 1943.

147446. PIPTADENIA sp. Mimosaceae.
147447. PIPTADENIA sp.
147448. SAPINDUS sp. Sapindaceae.
   From Lago Huacho, Carmen, Bolivia.

Nos. 147449 and 147450 from Corumba, Mato Grosso, Brazil. September 19 and 20, 1943.

147449. SAPINDUS sp.
147450. SOLANUM sp. Solanaceae.

147451 and 147452. NICOTIANA TABACUM L. Solanaceae. Tobacco.

From South Carolina. Seeds purchased from Coker's Pedigreed Seed Co., Hartsville. Received December 3, 1943.

147451. N. C. 401.
147452. Virginia Bright Leaf.

From Washington, D. C. Cuttings presented by the Soil Conservation Service, United States Department of Agriculture. Received December 3, 1943.

From the Soil Conservation Nursery, Mandan, N. Dak.

147454. **ALLIUM CEPA** L. Liliaceae. Onion.

From Colorado. Seeds presented by Prof. A. M. Binkley, Colorado Agricultural Experiment Station, Fort Collins. Received December 3, 1943.

*Colorado No. 6.*

147455. **CORNUS FLORIDA** var. **RUBRA** West. Cornaceae. Dogwood.


*Redflowering Dogwood.*

147456 to 147467.

From Brazil. Seeds collected by J. T. Baldwin, Jr., Bureau of Plant Industry, Soils, and Agricultural Engineering. Received November 30, 1943.

From Corumba, Mato Grosso, Brazil. September 19 and 20, 1943.

147456. **ARISTOLOCHIA** sp. Aristolochiaceae.

147457. **ARISTOLOCHIA** sp.

147458. **BIGNONIA** sp. Bignoniaceae.

147459. **CLITORIA TERNATEA** L. Fabaceae.

147460. **DATURA** sp. Solanaceae.

147461. **DATURA** sp.


For previous introduction see 104241.

147463. **OPUNTIA** sp. Cactaceae.

147464. **OPUNTIA** sp.

147465. **PHASEOLUS LUNATUS** L. Fabaceae. Lima bean.

147466. **TABEBUA** sp. Bignoniaceae.

147467. **TECOMA** sp. Bignoniaceae.

147468 and 147469. **CAESALPINIA SPINOSA** (Mol.) Kuntze (*C. pectinata* Cav.). Caesalpinioideae. Tara.

From California. Seeds collected at Chula Vista in 1943 and presented by the Eastern Regional Research Laboratory, Philadelphia (Wyndmoor), Pa., Bureau of Agricultural and Industrial Chemistry, United States Department of Agriculture. Received December 14, 1943.

For previous introduction see 146722.

147470. **EUCOMMIA ULMOIDES** Oliver. Trochodendraceae. Tu-chung.

From Washington. Seeds presented by Roland Koepf, Park Maintenance Superintendent, Board of Park Commissioners, Volunteer Park, Seattle. Received November 30, 1943.

For previous introduction see 983370.

147471. **ZEAA MAYS** L. Poaceae. Corn.

From Maryland. Seeds obtained from the Division of Cereal Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 1, 1943.

Gehu Yellow flint corn, grown in North Dakota.
147472 and 147473.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 1, 1943.

Grown in Texas.

    For previous introduction see 145871.


147474 and 147475.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 1, 1943.

147474. LYCopersicon hirsutum var. glabratum C. H. Mull. Solanaceae.
147475. LYCopersicon hirsutum Humb. & Bonpl."

For previous introduction see 147059.

147476 to 147480. PENNISETUM PURPUREUM X GLAUCUM. Grass.

From Georgia. Cuttings presented by Glenn W. Burton, Experiment Station, Tifton. Received December 6, 1943.

147476. Napier x Cattail Millet Hybrid No. 4.
147477. Napier x Cattail Millet Hybrid No. 5.
147478. Napier x Cattail Millet Hybrid No. 6.
147479. Napier x Cattail Millet Hybrid No. 7.
147480. Napier x Cattail Millet Hybrid No. 9.

For previous introduction see 147302.

147481. GOSSYPIUM. Malvaceae. Cotton.

From Ecuador. Seeds presented by Ernesto Molestina C., Director General de Agricultura y Ganaderia, Ministerio de Agricultura, Quito. Received December 10, 1943.

Wild cotton from Galapagos Islands.

147482 to 147484. FRAGARIA. Rosaceae. Strawberry.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 10, 1943.

147482. Blakemore.
147483. Massey.
147484. Missionary.

147485. AXONOPUS COMPRESSUS (Swartz) Beauv. Poaceae. Carpet grass.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 12, 1943.

Grown in Mississippi.

For previous introduction see 147080.
147486 to 147495.

From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 14, 1943.

147486. AGrostis alba L. Poaceae. Redtop.
   Grown in Maryland.

   Grown in Washington.

147488. Agropyron spicatum (Pursh) Scribn. & Smith.
   Grown in Washington.

   Grown in South Dakota.

147490. Bromus inermis Leyss.
   Grown in Kansas.

147491. Festuca elatior L. Poaceae. Meadow fescue.
   Grown in Maryland.

147492. Festuca elatior L.
   Grown in Oregon.

147493. Festuca ovina L. Poaceae. Sheep fescue.
   Grown in New York.

   Grown in Ohio.

147495. Phleum pratense L.
   Grown in Ohio.

147496. Hederà helix var. taurica (Tobl.) Rehder. Araliaceae.
   From Turkey. Plants collected by H. L. Westover and C. R. Enlow, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received December 3, 1934; numbered December 15, 1943.
   From a dry mountain slope north of Nallihan. A variety of the English ivy with the leaves narrow, usually sagittate, with elongated middle lobe and 1 or 2 short spreading lobes on each side at base. Native to Crimea.

   From California. Tree growing at the United States Plant Introduction Garden, Chico. Numbered December 9, 1943.
   Selection (D-15-14) from P. I. 28962.

   From Maryland. Seeds obtained from the Division of Forage Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 7, 1943.

147498. Bansei. From Beltsville, Md.
147499. Cherokee. From Monetta, S. C.
147500. Chusei. From Beltsville, Md.
147501. Easycook. From New Jersey.
147502. Edsey. From Beltsville, Md.
147503. Etum. From Beltsville, Md.
From Michigan. Seeds presented by V. R. Gardner, Director, Michigan Agricultural Experiment Station, East Lansing. Received December 8, 1943.

From Maryland. Tubers obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 8, 1943.

Houma. Grown in Maine.

147518. Eucommia ulmoides Oliver. Trochodendraceae. Tu-chung.

From Maryland. Seeds obtained from the Division of Tobacco Investigations, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 9, 1943.


147521 to 147526.
From Maryland. Seeds obtained from the Division of Fruit and Vegetable Crops and Diseases, Bureau of Plant Industry, Soils, and Agricultural Engineering, Beltsville. Received December 20, 1943.

For previous introduction see 39417.

147522. Solanum chacoense Bitter.
For previous introduction see 121504.

147523. Solanum commersonii Dunal.
A wild potato, native to humid regions in Uruguay, with small tubers of bitter flavor.
For previous introduction see 57213.
147521 to 147526—Continued

147524. SOLANUM CURTILOBUM Juz. & Buk. Solanaceae.
A wild relative of the potato from the mountains of southern Peru and Bolivia.
For previous introduction see 139141.

147525. SOLANUM DEMISSUM Lindl.
A wild potato from the highlands of central Mexico.
For previous introduction see 9005.

147526. SOLANUM POLYADENIUM Greenm.
A Mexican tuber-bearing species from limestone hills, central Mexico.
For previous introduction see 36992.

147527 to 147535.
From Florida. Plants purchased from the Glen Saint Mary Nursery, Glen Saint Mary. Received December 22, 1943.

147527 to 147533. AMYGDALUS PERSICA L. Amygdalaceae. Peach.
147527. Angel.
147528. Dorothy N.
147529. Florida Gem.
147530. Hall's Yellow.
147531. Jewel.
147532. Taber.
147533. Waldo.

147534 and 147535. VITIS sp. Vitaceae. Grape.
147534. Beacon.
147535. Concord.

147536. BALMEA STORMAE Martinez. Rubiaceae.
From Mexico. Seeds collected by Marion Storm, Michoacán, and presented by Dr. William R. Maxon, United States National Museum. Received May 9, 1941. Numbered in December 1943.
A shrub 12 to 20 feet high, with smooth, greenish-purple bark, broadly ovate, somewhat fleshy leaves 3 to 6 inches long, and sweet-scented, dark-purple flowers about 1 inch long in terminal pendulous cymes. Native to Michoacán, Mexico.

147537 and 147538.
From England. Seeds presented by S. F. Armstrong, Manager of Field Trials, National Institute of Agricultural Botany, Huntington Road, Cambridge. Received December 14, 1943.

147537. HORDEUM DISTICHON L. Poaceae. Barley.
Pioneer Winter Barley.
Jubilegem Wheat.

147539. CROTALARIA USARAMOENSIS Baker f. Fabaceae.
From Argentina. Seeds presented by Enrique F. Schultz, Director-interino, Estación Experimental Agrícola, Tucumán. Received December 15, 1943.
For previous introduction see 117937.

147540 to 147549.
From Florida and the Canal Zone. Seeds presented by W. T. Swingle, Bureau of Plant Industry, Soils, and Agricultural Engineering. Received December 28, 1943.
Unless otherwise mentioned the material was obtained in Florida.
147540 to 147549—Continued

147540. CITRUS ICHANGENSIS × RETICULATA. Rutaceae. Kansu orange.
   From the Florida Citrus Experiment Station, Lake Alfred.

147541. CITRUS sp.
   Shangyuan (Ichang lemon).

147542. CITRUS MACROPTERA Montrouz.
   From the residence of Dr. David Fairchild, Coconut Grove. A tropical
   tree about 15 feet high, with green branchlets and elongate-acuminate
   leaves up to 1 foot long, with winged petioles. The subglobose fruits are
   about the size of an orange and have very little juice. Native to south-
   eastern Asia.
   Received as variety "sumatrana," a name for which a place of publica-
   tion has not been found.

147543. CITRUS.
   From Coconut Grove, December 13, 1943. Probably a hybrid of C. reti-
   culata.

147544. CITRUS RETICULATA × PARADISI.
   Sampson Tangelo. From the residence of Dr. David Fairchild, Coconut
   Grove. Collected December 10, 1943.

147545. CITRUS sp.
   From the Florida Citrus Experiment Station, Lake Alfred. Collected
   December 15, 1943.
   CPB. 10071. Changsha (hardy orange).

147546. CITRUS.
   From the United States Plant Introduction Garden, Coconut Grove. Col-
   lected December 13, 1943.
   Shequasha. A hybrid of C. reticulata.
   Originally from the Loochoo Islands.

147547. SEVERINIA BUXIFOLIA (Poir.) Ten. Rutaceae.
   From the Florida Citrus Experiment Station, Lake Alfred. A small
   spiny shrub, native to southern China, with glossy green leaves and axil-
   liary clusters of small, pure-white flowers.
   For previous introduction see 109786.

147548. SWINGLEA GLUTINOSA (Blanco) Merrill. Rutaceae.
   From the Canal Experiment Gardens, Summit, Canal Zone. Collected
   October 1943.
   Tabog. A small spiny tree, native to the Philippines, with trifoliolate
   leaves and rather large white flowers in small clusters.
   For previous introduction see 144663.

   From the residence of Dr. David Fairchild, Coconut Grove. Collected
   December 15, 1943.
   For previous introduction see 103742.

147550 to 147563.

From Colombia. Seeds collected by C. O. Grassl, Bureau of Plant Industry,
Soils, and Agricultural Engineering. Received December 13, 1943.

Nos. 147550 to 147556 from Trapeze area, near Loretoyacu River. Col-
lected October 1, 1943.
147550 to 147563—Continued

147550. AESCHYNOMENE sp. Fabaceae.
    No. 10094. *Adormidera*. From Indian garden.
147551 and 147552. CALOPÔÇONIUM CAERULEUM (Benth.) Hemsl. Fabaceae.
    147551. No. 10094.
147553. CANAVALIA sp. Fabaceae.
    No. 10099. Climbing legume.
147554. CASSIA sp. Caesalpiniaceae.
    No. 10071. Herbaceous legume.
147555. INDIGOFERA sp. Fabaceae.
    No. 10072.
    No. 10088. Popping type.
    147557 to 147559. VIGNA CYLINDRICA (Stickm.) Skeels. Fabaceae.
        Catjang.
        147557. No. 10110.
        147558. No. 10111. Best flavor of legumes grown by Ticuna Indians.
        147559. No. 10114.
    147560. With. No. 10114.
    147561. No. 10112.
    147562. No. 10113.
    147563. No. 10115.

147564 to 147571.

From China. Seeds presented by Ray G. Johnson, Oregon Agricultural Experiment Station, Corvallis, Oreg. Received December 20, 1943.
    Collected at Taining, Chinese-Tibetan border, Sikang Province.
147564. ASTRAGALUS sp. Fabaceae.
    No. 5.
147565. ASTRAGALUS sp.
    No. 6.
147566. ASTRAGALUS sp.
    No. 7.
147567. MEDICAGO LUPULINA L. Fabaceae.
    Black medic.
    No. 1.
147568. MELILOTUS sp. Fabaceae.
    No. 2.
    Vetch.
    No. 8.
    For previous introduction see 121275.
147564 to 147571—Continued

147570. Vicia sp. Fabaceae. No. 4.
147571. Vicia sp. Fabaceae. No. 3.


147574 and 147575.
From Chile. Seeds presented by Carlos Junge, Jardín Zoológico, Concepción. Received December 24, 1943.

147574. PASITHEA COERULEA D. Don. Liliaceae. A tall perennial, with narrow linear leaves and purplish-blue flowers 1 inch across in an erect panicle terminating a slender erect scape. Native to Chile.
147575. SALIX HUMBOLDTIANA Willd. Salicaceae. Willow.

147576 to 147584.
From Brazil. Seeds collected by J. T. Baldwin, Jr. Received December 20, 1943.
Nos. 147576 to 147582 are from the Botanic Garden, Rio de Janeiro. November 22, 1943.

147576. BAUHINIA sp. Caesalpiniaceae.
147577. CASSIA sp. Caesalpiniaceae.
147578. CLITORIA RACEMOSA G. Don. Fabaceae. For previous introduction see 139533.
147579. CROTALARIA sp. Fabaceae.
147580. CRYPTOSTEGIA GRANDIFLORA R. Br. Asclepiadaceae. Palay rubbervine. For previous introduction see 145918.

147581. CUPANIA sp. Sapindaceae.
147583. OPUNTIA sp. From Corumba, Mato Grosso.
147584. SWARTZIA CROCEA Benth. (Tounatea crocea Benth.) Kuntze. Caesalpiniaceae. From the Botanic Garden, Rio de Janeiro. For previous introduction see 43387.

147585 to 147626.
From Brazil. Seeds presented by J. T. Baldwin, Jr. Received December 8, 1943.
Collected in the State of Mato Grosso.
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147585 to 147626—Continued

147585 and 147586. **TAMARINDUS INDICA** L. Caesalpiniaceae.

147585. From Rosario Oeste. November 2, 1943.
147586. From Cuyabá, October 5, 1943.

147587. **ALBIZZIA** sp. Mimosaceae.

From Rosario Oeste, September 24, 1943.

147588. **ANNONA** sp. Annonaceae.

From Salto Belo, Rio Sacre, October 26, 1943.

147589. **ANNONA MURICATA** L. Soursop.

From Rosario Oeste, November 2, 1943.

For previous introduction see 146585.

147590. **ASCLEPIAS** sp. Asclepiadaceae.

From Cuyabá, October 5, 1943.

147591. **ATTALEA** sp. Phoenicaceae. Palm.

Collected October 1943.

147592. **BACCHARIS** sp. Asteraceae.

From Villa Braca, Rio Armas, September 26, 1943.

147593. **BANISTERIA** sp. Malpighiaceae.

From Cuyabá, October 5, 1943.

147594. **BAUHINIA** sp. Caesalpiniaceae.

From Salto Belo, Rio Sacre, October 25, 1943.

147595. **BAUHINIA** sp.

From near Cuyabá, October 9, 1943.

147596. **BAUHINIA** sp.

From Cuyabá, October 5, 1943.

147597. **BAUHINIA** sp.

From Cuyabá, October 5, 1943.

147598. **CAESALPINIA** sp. Caesalpiniaceae.

From Cuyabá, October 12, 1943.

147599. **CASSIA** sp. Caesalpiniaceae.

From Cuyabá, September 22, 1943.

147600. **CASSIA** sp.

From Cuyabá, September 21, 1943.

147601. **COCOS** sp. Phoenicaceae. Palm.

From Agua Limpa, October 12, 1943.

147602. **CORDIA** sp. Boraginaceae.


For previous introduction see 111218.

147604. **DOLICHOS LABLAB** L. Fabaceae.

From Cuyabá, September 21, 1943.

147605. **ENTEROLOBium** sp. Mimosaceae.

From Cuyabá, September 21, 1943.

147606. **GALACTIA** sp. Fabaceae.

From near Cuyabá, October 9, 1943.
147585 to 147626—Continued

   Cotton.
   From Rosario Oeste, October 3, 1943.

147608. Lucuma sp. Sapotaceae.

147609. Lycopersicon esculentum Mill. Solanaceae.
   Tomato.
   From Rosario Oeste, October 2, 1943.

147610. Lycopersicon esculentum Mill.
   From Parecis, October 30, 1943.

147611. Myropermum sp. Fabaceae.
   From Cuyabá, October 5, 1943.

   Common tobacco.
   From Cuyabá, October 5, 1943.

147613. Passiflora sp. Passifloraceae.
   From Parecis, October 29, 1943.

147614. Phaseolus vulgaris L. Fabaceae.
   Common bean.
   From Villa Braca, Rio Armas, September 26, 1943.

   From near Cuyabá, October 9, 1943.

147616. Sapindus sp. Sapindaceae.
   From Sacre, Rio Sacre, October 12, 1943.

147617. Sapium sp. Euphorbiaceae.
   From Villa Braca, Rio Armas, September 28, 1943.

147618. Serjania sp. Sapindaceae.
   From Salto Belo, Rio Sacre, October 25, 1943.

147619. Serjania sp.
   From Villa Braca, Rio Armas, September 26, 1943.

147620. Solanum sp. Solanaceae.
   From Parecis, November 1, 1943. Shrubby; fruits edible, of good quality.

147621. Solanum sp.
   From Parecis, October 11, 1943. Fruits large, edible.

147622. Stigmaphyllum sp. Malpighiaceae.
   From Salto Belo, Rio Sacre, October 21, 1943.

147623. Terminalia sp. Combretaceae.
   From Rosario Oeste, October 28, 1943.

   Catjang.
   From Barao de Capanema, October 28, 1943.

147625. Xylopia sp. Annonaceae.
   From Salto Belo, Rio Sacre, October 25, 1943.

147626. Zizyphus sp. Rhamnaceae.
   From near confluence of Rio Sacre and Rio Papageio, October 19, 1943.

147627 to 147632.

From Peru. Seeds obtained through the Office of Economic Warfare, Washington, D. C. Received December 29, 1943.
147627 to 147632—Continued

147627. CINCHONA MICRANTHA Ruiz & Pav. Rubiaceae.
   No. 6. Type Monopol. From La Oroya, Alto Inambari River, Province of Sandia, Department of Puno, at 3,000 feet altitude, October 1943. A medium-sized tree with large, oval to obovate, nearly glabrous leaves, and pink flowers about ¼ inch long in large open panicles. Native to Peru.

147628 and 147629. CINCHONA OFFICINALIS L.
   From Tabaconas, Province of Jaen, Department of Cajamarca, at 8,000 feet altitude. November 1943.
   147628. No. 1. Type Crespilla.
   147629. No. 5. Type probably Loja. From northern Peru, August 1943.

147630. CINCHONA PUBESCENS Vahl (C. succirubra Pav.). Rubiaceae.
   No. 4. Type Amarilla.
   From Panao, Province of Pachitea, Department of Huanuco, at 6,500 feet altitude, September 1943.

147631. CINCHONA sp.
   No. 2. Type Colorado.
   From Tabaconas, Province of Jaen, Department of Cajamarca, at 8,000 feet altitude, November 1943.

147632. CINCHONA sp.
   No. 3. Type Amarilla.
   From Tabaconas, Province of Jaen, Department of Cajamarca, at 8,000 feet altitude, November 1943.
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