

Plant Inventory No. 167

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D.C., August 1966



PLANT MATERIAL INTRODUCED JANUARY 1 TO DECEMBER 31, 1959 (NOS. 254695 TO 262678).

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CURRENT SERIAL RECORDS

This inventory, No. 167, lists the plant material (Nos. 254695 to 262678) received by the New Crops Research Branch, Crops Research Division, Agricultural Research Service, during the period from January 1 to December 31, 1959. The inventory is a historical record of plant material introduced for Department and other specialists and is not to be considered as a list of plant material for distribution.

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Botanists.

*Plant Industry Station
Beltsville, Md.*

¹ Resigned from United States Department of Agriculture, September 1964.

INVENTORY

254695. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

From the Union of Soviet Socialist Republics. Seeds collected by Charles Barber, Foreign Agricultural Service, Washington, D.C. Received Jan. 2, 1959.

Irrigated region, Vaksch Valley, Tadjikistan. Fruits to 18 inches across; skin netted, yellow; flavor similar to honeydew.

254696 and 254697.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 2, 1959.

254696. QUERCUS ARIZONICUS Sarg. Fagaceae.

Col. No. 17661. Cedros Range, Sonora. Elevation 2,700 feet. Deciduous white oak; acorns sweet, edible.

254697. QUERCUS sp.

Col. No. 17667. Sierra de Yecora, Sonora. Elevation 4,000 feet. Tree small to medium-size; crown open.

254698 to 254710. SESAMUM INDICUM L. Pedaliaceae. Sesame.

From various sources. Seeds presented by the Texas Agricultural and Mechanical College, College Station, Tex. Received Jan. 2, 1959.

254698. No. 1. From South America. Presented by the Rubber Corporation of America, New York, N.Y.

254699. No. 2. 'Precoz'. From Nicaragua.

254700. No. 3. From Houston, Tex.

254701 to 254704. From the Unidad Agricola Juren, Estado Portuguesa, Venezuela.

254701. No. 4. 'Familia 37'. Plants average six feet high, mature in 85 days; stems weak; capsules long, begin to form one foot above ground, shatter unless cut when leaves are yellow; seeds yield more oil than 'Acarigua'.

254702. No. 5. 'Acarigua'. Plants average six feet high, mature in 85-90 days; stems strong; capsules begin to form one foot above ground. Heavy producer on good soil, yielding up to 1,500 kg. per hectare.

254703. No. 6. 'Acarigua Selection'. Plant heavy producer, stalk appears strong. Resistant to common Venezuelan sesame diseases.

254704. No. 7. 'African' or 'Sudanes'. Plants branch about three inches above ground; limb entanglement prevents cutting with binder; oil content low; flavor bitter. Yield about 700 kgs. per hectare.

254705. No. 8. 34C. Very early maturing.

254706. No. 9. 35C. May be resistant to *Alternaria* stem spot.

254707. No. 10. 172. Very early maturing; strain uniform; moderately resistant to bacterial leafspot.

254708. No. 11. 224. Very early maturing; capsule tetra-carpellate.

254709. No. 12. 'Japan 251'. Strain uniform; three capsules per leaf axil.

254710. No. 13. Sesa-Kraft Co., Paris, Texas, from Argentina.

254711 and 254712. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Haiti. Tubers presented by Luc Timmer, Port-au-Prince. Received Jan. 2, 1959.

254711. 'Haitowa'. A variety developed by selection of a large number of tubers highly resistant to late blight.

254712. 'No. 7 Mexico'.

254713 and 254714.

From Denmark. Seeds presented by Count F. M. Knuth, Knuthenborg, Bandholm. Received Jan. 5, 1959.

254713. *PRUNUS EFFUSA* (Host.) Schneid. Amygdalaceae. **Duke cherry.**
'Kelleriis No. 16'. Knuthenborg Estate Orchards, Bandholm.

254714. *PRUNUS CERASUS* L. **Sour cherry.**
'Brown Semi-Tart'. Knuthenborg Estate Orchards, Bandholm.

254715. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

From Pakistan. Seeds presented by the United States Operations Mission, Peshawar. Received Jan. 5, 1959. Grown in Kabul, Afghanistan. Elevation 6,000 feet. Climate dry.

254716. *CITRULLUS LANATUS* (Thunb.) Mansf. Cucurbitaceae. **Watermelon.**

From Sudan. Seeds presented by the Department of Agriculture, Khartoum. Received Jan. 5, 1959.

'Melik'. Grown along the Nile around Khartoum. Flesh red; quality good.

254717 and 254718.

From Iran. Seeds collected by the Agricultural Advisor, Tabriz. Received Jan. 2, 1959.

254717. *CARTHAMUS TINCTORIUS*. Asteraceae. **Safflower.**
Mianeh bazaar.

254718. *CARTHAMUS* sp.
Balco roadside, north of Rezaieh.

254719. *NICOTIANA TABACUM* L. Solanaceae. **Common tobacco.**

From Mauritius. Seeds presented by the Department of Agriculture, Reduit. Received Jan. 6, 1959.

Selection of 'Yellow Mammoth' reported to carry resistance to blackshank disease.

254720 to 254733.

From India. Seeds presented by the Office of the Government Fruit Experiment Station, Shillong. Received Jan. 6, 1959.

254720. *CITRUS AURANTIUM* L. Rutaceae. **Sour orange.**
'Karum-Jamir'.

254721. *CITRUS ASSAMENSIS* Dutta & Bhattacharya
'Ada-jamir'. Karimganj, Cachar District. Also found in Sylhet, North Cachar Hills and Khasi Hills. Fruits have a peculiar aromatic flavor and intensely sour juice. The aroma of the rind is similar to that of ginger.

254722 and 254723. *CITRUS GRANDIS* (L.) Osbeck **Pummelo.**

254722. 'Burni'. Flesh white.

254723. 'Khasi'. Flesh red.

254724 and 254725. *CITRUS JAMBHIRI* Lush.

254724. 'Soh Myndong'.

254725. 'Soh Jhalia'.

254726. *CITRUS KARNA* Rafin.
'Soh Sarkar'.

254720 to 254733—Continued

254727 and 254728. CITRUS LATIPES (Swingle) Tanaka

254727. 'Soh Kynphor Shrieh'.

254728. 'Soh Shyrkhoit'.

254729 and 254730. CITRUS LIMON (L.) Burm. f.

Lemon.

254729. 'Soh Long'.

254730. 'Soh Synteng'.

254731. CITRUS MACROPTERA Montrous

'Satkora'.

254732. CITRUS RETICULATA Blanco

Mandarin orange.

'Soh Siem'.

254733. CITRUS SINENSIS (L.) Osbeck

Sweet orange.

'Soh Niangriang'.

254734. TAGETES sp. Asteraceae.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 6, 1959.

Col. No. 17687. Sierra de Yecora, Sonora. Elevation 5,000 feet. Ornamental. Brilliantly flowered annual to 15 inches high.

254735 to 254744. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. **Watermelon.**

From Senegal. Seeds presented by the Centre de Recherches Agronomiques, Bambeby. Received Jan. 7, 1959.

254735. B 2.

254740. B 8.

254736. B 3.

254741. B 9.

254737. B 4.

254742. B 10A.

254738. B 5.

254743. B 13.

254739. B 6.

254744. B 14.

254745 to 254778.

From Australia. Plants collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 1959.

From B. E. Schubert's Nursery, Noble Park, Victoria.

254745. BAUERA RUBIODES Andrews Grossulariaceae.

Col. No. S-257. Diffuse, spreading shrub to eight feet high. Flowers rose red, pendulous, on long pedicels. Responds well to pruning to form a compact shrub.

254746. BAUERA SESSILIFLORA F. Muell.

Col. No. S-256. Erect to spreading shrub to five feet high; leaves whorled; flowers rosy-pink, pendulous, very showy.

254747. BORONIA DENTICULATA Sm. Rutaceae.

Col. No. S-260. Compact, erect shrub to three feet high. Foliage bright green; flowers mauve, numerous. A good ground cover.

254748. BORONIA ELATIOR Bratl.

Col. No. S-280. Much-branched shrub to five feet high; foliage graceful; flowers carmine, forming cylindrical spikes to six inches long. Makes a good hedge.

254745 to 254778—Continued

254749. *BORONIA HETEROPHYLLA* F. Muell.

Col. No. S-273. Differs from typical form in having looser and coarser foliage; flowers cerise-pink.

254750. *BORONIA HETEROPHYLLA* F. Muell.

Col. No. S-279. Much-branched, slender, erect, shrub to six feet high; foliage graceful; flowers in fours to sixes, about 0.25 inch long, rose-crimson. Excellent, floriferous hedge plant.

254751. *BORONIA PINNATA* Sm.

Col. No. S-261. Erect shrub to four feet high. Flowers mauve.

254752. *BORONIA SERRULATA* Sm.

Col. No. S-262. Compact, prostrate or semi-erect shrub to three feet high. Flowers bright pink to mauve-red, clustered toward the ends of the branches.

254753 and 254754. *BRACHYCOME MULTIFIDA* DC. Asteraceae.

254753. Col. No. S-284. Plant low-growing, semiherbaceous, stoloniferous; flowers mauve or lilac, flowering over a long period.

254754. Col. No. S-270. Plant low-growing, semiherbaceous, stoloniferous; flowers pink, flowering over a long period.

254755. *CALYTRIX FRASERI* A. Cunn. Myrtaceae.

Col. No. S-275. Shrub to four feet high; flowers pinkish-mauve. Good border or low hedge plant.

254756. *CORREA DECUMBENS* F. Muell. Rutaceae.

Col. No. S-254. Compact shrub to two feet high; branches prostrate, to three feet across; flowers dull red, tipped with green; stamen bright yellow and green.

254757. *CORREA TURNBULLII* E. Ashby

Col. No. S-252. Erect or semierect shrub to five feet high and four feet across; flowers red and green, pendulous.

254758. *CROWEA EXALATA* F. Muell. Rutaceae.

Col. No. S-253. Shrub to three feet high and five feet across; flowers deep pink, waxy.

254759. *DAMPIERA HEDERACEA* R. Br. Goodeniaceae.

Col. No. S-263. Shrub semiprostrate, to six inches high, suckers profusely; flowers light blue.

254760. *EPACRIS LONGIFLORA* Cav. Epacridaceae.

Col. No. S-255. Spreading shrub to five feet high; foliage bright green, shining; flowers pendulous, red, tipped with white.

254761. *ERIOSTEMON OBOVALIS* A. Cunn. Rutaceae.

Col. No. S-274. Rare shrub to three feet high; flowers double, white, flushed pink.

254762. *GREVILLEA BARKLYANA* F. Muell. Proteaceae.

Col. No. S-265. Rapid growing woodland tree to 30 feet high; leaves large, shiny.

254763. *GREVILLEA JUNIPERINA* R. Br.

Col. No. S-258. Shrub or tree to eight feet high; branches spreading; flowers clustered, deep orange-red.

254764. *GREVILLEA LINEARIS* R. Br.

Col. No. S-266. Spreading shrub to eight feet high; flowers pale-pink, almost everblooming.

254745 to 254778—Continued

254765 to 254767. GREVILLEA (hybrids).

254765. Col. No. S-271. *G. juniperiana* × *G. victoriae*. Vigorous shrub to six feet high; flowers bright orange-red, flowering sporadically all year.

254766. Col. No. S-259. *G. juniperiana* × *G. victoriae*. Compact shrub to six feet high; flowers golden yellow, in compact clusters, flowering almost continuously.

254767. Col. No. S-264. *G. juniperiana* × *G. rosmarinifolia*. Compact shrub to three feet high; flowers red and yellow.

254768. LAMBERTIA FORMOSA Sm. Proteaceae.

Col. No. S-281. Plant rigid, erect, to eight feet high; foliage stiff; flowers red or greenish red, in compact terminal clusters; fruit bizarre and unique in shape.

254769. LESCHENAULTIA BILOBA Lindl. Goodeniaceae.

Col. No. S-277. Shrub to 15 inches high, floriferous; flowers pale blue to deep ultramarine.

254770. LESCHENAULTIA FORMOSA R. Br.

Col. No. S-269. Low, diffusely spreading shrub; leaves small, somewhat succulent; flowers bright red and orange.

254771. LOBELIA ANCEPS L. Campanulaceae.

Col. No. S-268. Shrubby, xerophytic ground cover to six inches high; leaves lanceolate; flowers pale lavender-blue.

254772. OLEARIA STELLULATA (Labill.) DC. Asteraceae.

Col. No. S-276. Erect shrub to six feet high; flowers blue.

254773. PIMELEA FERRUGINEA Labill. Thymelaeaceae.

Col. No. S-278. Much-branched shrub to two feet high; leaves bright glossy green, dense; flowers rose to rusty brown, woolly, in compact terminal clusters.

254774. PRATIA PUBERULA Benth. Campanulaceae.

Col. No. S-267. Plant matlike, not over one inch high; flowers mauve, spring to autumn. Excellent moist ground cover.

254775. THRYPTOMENE HYPORHYTUS Turcz. Myrtaceae.

Col. No. S-272. Prostrate shrub to three feet high; foliage feathery; flowers pink, 0.25 inch in diameter.

254776. THRYPTOMENE SAXICOLA (A. Cunn.) Schau.

Col. No. S-283. Erect shrub, glabrous to three feet high; leaves dense, to 0.25 inch long; flowers one to three, in leaf-axils, nearly terminal, white to pale rose.

254777. VERONICA GRACILIS R. Br. Scrophulariaceae.

Col. No. S-285. Low-growing ground cover to eight inches high; flowers pale lavender.

254778. VERTICORDIA MUELLERIANA E. Pritz. Myrtaceae.

Col. No. S-282. Erect, divaricate shrub to seven feet high; flowers violet-purple. A little known species.

254779. CITRUS RETICULATA Blanco Rutaceae. **Mandarin orange.**

From India. Seeds presented by the Government Fruit Experimental Station, Shillong. Received Jan. 6, 1959.

'Soh Niamtra'.

254780 to 254858.

From Austria. Seeds presented by the Seed Testing Station, Vienna. Received Jan. 8, 1959.

- 254780 to 254788.** AVENA SATIVA L. Poaceae. **Common oats.**
- 254780. 'Achleithner Weib'.
 - 254781. 'Austria Weib'.
 - 254782. 'Endreb Weib'.
 - 254783. 'Mauerner Weib'.
 - 254784. 'Petkuser Flamingstreue'.
 - 254785. 'Probstdorfer Gelb' (Kirsches).
 - 254786. 'Probstdorfer Weib' (Kirsches).
 - 254787. 'Rekord'.
 - 254788. 'Schlagler Weib'.
- 254789 to 254805.** HORDEUM VULGARE L. Poaceae. **Common barley.**
- 254789 to 254801.** Summer type.
- 254789. 'Baring' (Mildew resistant).
 - 254790. 'Carlsberg II'.
 - 254791. 'Haisa'.
 - 254792. 'Heines Haha'.
 - 254793. 'Isaria Nova'.
 - 254794. 'Pumper' (Six row).
 - 254795. 'Tschemmaks Hanna' × 'Kargyn'.
 - 254796. 'Violetta'.
 - 254797. 'Vollkorn Liechtenstein'.
 - 254798. 'Vollkorn Piatti'.
 - 254799. 'Vollkorn Probstdorf'.
 - 254800. 'Vollkorn Wegscheider'.
 - 254801. 'Weibulls Herta'.
- 254802 to 254805.** Winter type.
- 254802. 'Brucker Nr. 2'.
 - 254803. 'Brucker Nr. 3'.
 - 254804. 'Karntner'.
 - 254805. 'Tschemmaks' or 'Probstdorfer'.
- 254806 to 254823.** SECALE CEREALE L. Poaceae. **Rye.**
- 254806. Summer type.
 - 'Tiroler'.
- 254807 to 254823.** Winter type.
- 254807. 'Brucker Harrachroggen'.
 - 254808. 'Chrysanth Hanserroggen'.
 - 254809. 'Edelhofer'.
 - 254810. 'Hohenauer'.
 - 254811. 'Karntner'.
 - 254812. 'Kofermarkter'.
 - 254813. 'Loosdorfer Tetraroggen'.

254780 to 254858—Continued

254806 to 254823—Continued

254807 to 254823—Continued

- 254814. 'Lungauer Tauern'.
- 254815. 'Melker'.
- 254816. 'Oberkarntner'.
- 254817. 'Otterbacher'.
- 254818. 'Petkuser'.
- 254819. 'Petroneller Tyrnauer'.
- 254820. 'Radstadter Bergland'.
- 254821. 'Schlagler'.
- 254822. 'Tetraploider'.
- 254823. 'Tschermaks Veredelter Marchfelder'.

254824 to 254850. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

254824 to 254830. Summer type.

- 254824. 'Janetzkis Jabo'.
- 254825. 'Karntner Grannen'.
- 254826. 'Karntner Kolben II'.
- 254827. 'Probstdorfer Manitoba'.
- 254828. 'Stamm A'.
- 254829. 'Tiroler Binkel'. Midseason.
- 254830. 'Tschermaks Znaimer' × 'Tucson'.

254831 to 254850. Winter type.

- 254831. 'Admonter'. Early.
- 254832. 'Brucker Harrachweizen'.
- 254833. 'Brahorads'. Head red.
- 254834. 'Drauhofener Kolben'.
- 254835. 'Dr. Lassers Dickkopf'.
- 254836. 'Hubertusweizen'.
- 254837. 'Kadalzer'.
- 254838. 'Korneuberger Grannen'.
- 254839. 'Lassers'. Head light.
- 254840. 'Loosdorfer Austro-Bankut Grannen'.
- 254841. 'Loosdorfer Bart'.
- 254842. 'Manitoba' × 'Probstdorfer'.
- 254843. 'Marienhofer Kolben'.
- 254844. 'Primus'.
- 254845. 'Record'.
- 254846. 'Reichersberger W.-Kolbenweizen'.
- 254847. 'Schweigers Taca'.
- 254848. 'Stamm 101'.
- 254849. 'Tschermaks Weiber Begr. Marchfelder'.
- 254850. 'Witiko': 'Tassilo Kurz'.

254780 to 254858—Continued

- 254851 to 254858.** *ZEA MAYS* L. Poaceae. **Corn.**
254851. 'Burgenlandischer Silo'.
254852. 'Gelber Burgenlander'.
254853. 'Gelber Silozahn': 'Loosdorf-Ranninger'.
254854. 'Gelber Silozahn': 'Monchhof'.
254855. 'Kematener'.
254856. 'Maiskonig'.
254857. 'Weiber Marchfelder'.
254858. 'Weiber Monchhofer': 'Peduaner'.

254859 to 254922.

From Afghanistan, Iraq and Spain. Seeds collected by P. F. Knowles, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 9, 1959.

- 254859.** *AEGILOPS BIUNCIALIS* Visiani Poaceae. **Goatgrass.**
 Col. No. K1226. Eighty-eight km. north of Mosul, Iraq.
- 254860 to 254862.** *AEGILOPS COLUMNARIS* Zhuk.
254860. Col. No. K1215. Between Mosul and Sirsank, Iraq. Plants to four dm. high.
254861. Col. No. K1227. Ninety-seven km. north of Mosul, Iraq.
254862. Col. No. K1326. Thirty km. south of Arbet, Iraq. Annual to three dm. high.
- 254863.** *AEGILOPS CYLINDRICA* Host. **Jointed goatgrass.**
 Col. No. K1244. Sirsank, 142 km. west of Mosul, Iraq. Plants to five dm. high, abundant.
- 254864.** *AEGILOPS LONGISSIMA* Schweinf. & Muschl.
 Col. No. K1236. One hundred and thirteen km. north of Mosul, Iraq. Plants to four dm. high, abundant.
- 254865.** *AEGILOPS SPELTOIDES* Tausch.
 Col. No. K1289. Seventy km. east of Kirkuk, Iraq.
- 254866.** *AGROPYRON PANORMITANUM* Parl. Poaceae.
 Col. No. K1251. Sirsank, 142 km. north of Mosul, Iraq. Plant to one meter high.
- 254867.** *BRACHYPODIUM DISTACHYON* (L.) Beauv. Poaceae.
 Col. No. K1202. Four km. from Salakudin, road to Mosul, Iraq. Plants to 12 cm. high, scarce.
- 254868.** *BRACHYPODIUM DISTACHYON* (L.) Beauv.
 Col. No. K1319. Thirty km. south of Arbet, Iraq. Annuals to 30 cm. high.
- 254869.** *BOTHRIODCHLOA ISCHAEMUM* (L.) Keng. Poaceae.
 Col. No. K1771. Forty-three km. west of Ghazni, Afghanistan. Plants to 60 cm. high.
- 254870.** *ARRHENATHERUM ERIANTHUM* Boiss. & Reut. Poaceae.
 Col. No. K1248. Vicinity of Sirsank, 142 km. north of Mosul, Iraq. Plants to one meter high.
- 254871.** *BRIZA* sp. Poaceae.
 Col. No. K1249. Vicinity of Sirsank, 142 km. north of Mosul, Iraq. Annual to 50 cm. high, scarce.

254859 to 254922—Continued**254872. BRIZA sp.**

Col. No. K1320. Thirty km. south of Arbet, Iraq. Annual to 25 cm. high, rare.

254873 and 254874. BROMUS DANTHONIAE Trin. Poaceae.

254873. Col. No. K1187. South side of River Zab, road from Mosul to Erbil, Iraq. Plants to 38 cm. high.

254874. Col. No. K1229. Ninety-seven km. north of Mosul, Iraq. Annual.

254875 to 254877. BROMUS MOLLIS L.

254875. Col. No. K1190. South side of River Zab, road from Mosul to Erbil, Iraq. Plants to 50 cm. high, abundant.

254876. Col. No. K1210. Fifty-seven km. north of Mosul, Iraq. Plants vigorous, abundant, to 75 cm. high.

254877. Col. No. K1290. Seventy km. east of Kirkuk, Iraq. Plants scarce.

254878. BROMUS RIGIDUS Roth.

Col. No. K1240. One hundred and twenty-four km. north of Mosul, Iraq. Plants to 75 cm. high, in shade of trees.

254879 and 254880. BROMUS SQUARROSUS L.

254879. Col. No. K962. Thirty km. west of Ramadi, Iraq. Plants to 20 cm. high.

254880. Ninety-seven km. north of Mosul, Iraq. Pubescent annual.

254881. BROMUS JAPONICUS Thunb.

Col. No. K1220. One hundred and twenty-four km. north of Mosul, Iraq. Glabrous annual to five dm. high.

254882. BROMUS SCOPARIUS L.

Col. No. K1243. One hundred twenty-four km. north of Mosul, Iraq. Plants to four km. high, abundant.

254883 and 254884. CARTHAMUS OXYACANTHA Bieb. Asteraceae.

254883. Col. No. K1313. Eight km. south of Arbet, Iraq.

254884. Col. No. K1336. Eight km. south of Arbet, Iraq.

254885. CHRYSOPOGON GRYLLUS (L.) Trin. Poaceae.

Col. No. K1203. Four km. from Salahundin, road to Mosul, Iraq. Perennial to ten dm. high.

254886. CHRYSOPOGON sp.

Col. No. K1222. Ninety-seven km. north of Mosul, Iraq. Perennial to nine dm. high.

254887. CHRYSOPOGON GRYLLUS (L.) Trin.

Col. No. K1287. Seventy km. east of Kirkuk, Iraq. Bunch type perennial to ten dm. high.

254888. CHRYSOPOGON sp.

Col. No. K1317. Thirty km. south of Arbet, Iraq. Perennial bunchgrass to one meter high.

254889. CICER ARIETINUM L. Fabaceae.**Chickpea.**

Col. No. K2187. Seed store, Talavera de la Reina, Spain.

254890 to 254892. CYNODON DACTYLON (L.) Pers. Poaceae. Bermudagrass.

254890. Col. No. K1218. Ninety-seven km. north of Mosul, Iraq. Elevation 700 meters.

254891. Col. No. K1228. Ninety-seven km. north of Mosul, Iraq. Annual.

254892. Col. No. K1330. Dry creek bed 58 km. south of Arbet, Iraq.

254859 to 254922—Continued

254893. *GLYCERIA* sp. Poaceae.

Col. No. K1768. Twenty km. west of Ghazni, Afghanistan. Abundant coarse-stemmed perennial to 8 dm. high.

254894. *HORDEUM SPONTANEUM* C. Koch. Poaceae.

Col. No. K1332. Fifty-eight km. south of Arbet, Iraq. Plants to eight dm. high.

254895. *HORDEUM* sp.

Col. No. K2188. Seed store, Talavera de la Reina, Spain.

254896. *IMPERATA* sp. Poaceae.

Col. No. K1318. Thirty km. south of Arbet, Iraq. Creeping perennial.

254897. *LINUM* sp. Linaceae.

Col. No. K1328. Dry creek bed 30 km. south of Arbet, Iraq. Plants to 18 cm. high.

254898. *LOLIUM PERENNE* L. Poaceae.

Perennial ryegrass.

Col. No. K1225. Ninety-seven km. north of Mosul, Iraq.

254899. *LOLIUM RIGIDUM* Gaud.

Wimmera ryegrass.

Col. No. K1291. Seventy km. east of Kirkuk, Iraq.

254900 and 254901. *ORYZOPSIS HOLCIFORMIS* (Bieb.) Hack. Poaceae. **Ricegrass.**

254900. Col. No. K1250. Sirsank, 142 km. north of Mosul, Iraq. Plants to one meter high.

254901. Col. No. K1782. Forty km. west of Ghazni, Afghanistan.

254902 to 254904. *PHALARIS AQUATICA* L. Poaceae. **Large canarygrass.**

254902. Col. No. K1221. Ninety-seven km. north of Mosul, Iraq. Plants to one meter high.

254903. Col. No. K1232. Seventy-one km. north of Mosul, Iraq.

254904. Col. No. K1286. Seventy km. east of Kirkuk, Iraq.

254905. *PHELUM BOISSIERI* Bornm. Poaceae.

Col. No. K1246. Sirsank, 142 km. north of Mosul, Iraq. Annual to five dm. high.

254906 and 254907. *POA BULBOSA* L. Poaceae.

Bulbous bluegrass.

254906. Col. No. K1199. Salahudin, 127 km. east of Mosul, Iraq.

254907. Col. No. K1242. One hundred and twenty-four km. north of Mosul, Iraq.

254908. *POA TRIVIALIS* L.

Roughstalk bluegrass.

Col. No. K1234. Seventy-one km. north of Mosul, Iraq. Plants to one meter high.

254909. *POA* sp.

Col. No. K1775. Margins of small field of dryland wheat 40 km. west of Ghazni, Afghanistan. Plants abundant.

254910. *EREMOPOA PERSICA* (Trin.) Rosher Poaceae.

Col. No. K1241. One hundred and twenty-four km. north of Mosul, Iraq. Plants to six dm. high.

254911. *SECALE CEREALE* L. Poaceae.

Rye.

Col. No. K2190. Seed store, Talavera de la Reina, Spain.

254912. *TRIFOLIUM CAMPESTRE* Schreb. Fabaceae.

Large hopclover.

Col. No. K1323. Thirty km. south of Arbet, Iraq. Annual to 20 cm. high.

254859 to 254922—Continued

254913. *TRIFOLIUM HIRTUM* All. **Rose clover.**

Col. No. K1331. Fifty-eight km. south of Arbet, Iraq. Plants to 10 cm. high.

254914. *TRIFOLIUM* sp.

Col. No. K1315. Thirty km. south of Arbet, Iraq. Annual.

254915. *TRIFOLIUM* sp.

Col. No. K1322. Thirty km. south of Arbet, Iraq. Rare annual to 15 cm. high.

254916. *TRIFOLIUM FRAGIFERUM* L. **Strawberry clover.**

Col. No. K1324. Thirty km. south of Arbet, Iraq. Rare annual to 15 cm. high.

254917. *TRIFOLIUM LAPPACEUM* L. **Lappa clover.**

Col. No. K1325. Thirty km. south of Arbet, Iraq. Rare annual to 15 cm. high.

254918. *TRITICUM* sp. Poaceae.

Col. No. K1198. One hundred and twenty-seven km. east of Mosul, Iraq. Plants to six dm. high.

254919. *TRITICUM* sp.

Col. No. K1214. Eighty-eight km. north of Mosul, Iraq.

254920. *VICIA FABA* L. Fabaceae. **Broadbean.**

Col. No. K2186. Seed store, Talavera de la Reina, Spain.

254921. *VICIA SATIVA* L.

Common vetch.

Col. No. K2189. Seed store, Talavera de la Reina, Spain.

254922. *VICIA* sp.

Col. No. K2191. 'Algarroba'. Seed store, Talavera de la Reina, Spain.

254923. *DENDROCALAMUS STRICTUS* Nees Poaceae. **Bamboo.**

From Puerto Rico. Plants growing at the Federal Experiment Station, Mayaguez. Numbered Jan. 12, 1959.

A clone of unknown origin forming an atypical open clump. Culms very straight, erect to the tip, or slightly nodding, to 15 meters high, very thick walled or occasionally solid; nodes only slightly prominent; branches solitary except near tip of culm.

254924. *LIRIOPE SPICATA* Lour. Liliaceae.

From Great Britain. Plants presented by the Royal Botanic Gardens, Kew, England. Received Jan. 12, 1959.

'Angustifolia'. A narrow-leaved form.

254925 and 254926.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 12, 1959.

254925. *CUCURBITA DIGITATA* A. Gray Cucurbitaceae.

Col. No. 16703. Between Nogales and Imuris, Sonora. Long creeping vine.

254926. *CUCURBITA* sp.

Col. No. 17652. Algodones, Sierra Charuco, Sonora. Leaves shallowly lobed; fruits pear-shaped, hanging on dead vines.

254927 to 254972.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 13, 1959.

Collected in Western Australia in 1958, unless otherwise noted.

254927. *ACACIA FRAGILIS* Maiden Mimosaceae.

Col. No. S-43. 'Stringybark Wattle'. Ten miles south of Muntadgin in eastern wheat belt. Slender tree to 18 feet high; flowers long, golden.

254928. *AGONIS MARGINATA* Schau. Myrtaceae.

Col. No. S-34. Granite tors from Albany to Esperance. Shrub to 6 feet high, rounded habit; foliage dense, silvery; flowers in terminal heads, magenta and white.

254929. *ANIGOZANTHOS BICOLOR* Endl. Amaryllidaceae.

Col. No. S-49. South of Bullsbrook, on west coast.

254930. *ANIGOZANTHOS MANGLESII* D. Don

Col. No. S-50. Moist locations in full sun. Plant to 3 feet high, irislike; foliage with blackish margins; flowers bright red and green.

254931. *ANIGOZANTHOS VIRIDIS* Endl.

Col. No. S-32. 'Green Kangeroo Paw'. Sandy areas which are waterlogged for long periods in winter and spring, Perth to Gingin. Plants to one foot high; foliage irislike; flower stalks to 2 feet long; flowers fuzzy, bright kelly green.

254932. *BANKSIA ASHBYI* E. G. Baker Proteaceae.

Col. No. S-42. Murchison River road 15 miles northwest of Ajana. Shrub to 6 feet high; leaves long, deeply and regularly serrated; flowers rich in coloring, with gold and gray.

254933. *BANKSIA LINDLEYANA* Meissn.

Col. No. S-35. North of Wubin near Mullewa road. Shrub to 8 feet high; leaves narrow with deep serrations; flowers golden yellow, borne laterally.

254934. *BEAUFORTIA SQUARROSA* Schau. Myrtaceae.

Col. No. S-31. 'Sand Plain Bottlebrush'. Coastal form is straggly, colorful shrub to 6 feet high; inland form is tree to 12 feet high; leaves needlelike; flowers bright red.

254935. *CALYTRIX ANGULATA* Lindl. Myrtaceae.

Col. No. S-44. 'Yellow-Fringed Myrtle'. Common on coastal plains from Albany to Jurien Bay. Plants shrubby, to 9 inches high; flowers yellow, showy.

254936. *EUCALYPTUS ORBIFOLIA* F. Muell. Myrtaceae.

Col. No. S-47. 'Round Leaf Mallee'. Forty-seven miles north of Southern Cross. Rounded, bluish, shrubby species to 10 feet high, leaves dislike; bark attractive in peeling; flowers lemon-yellow with white anther tips.

254937. *EUCALYPTUS PYRIFORMIS* Turcz.

Col. No. S-46. 'Ooldea Mallee' or 'Pear Gum'. Watheroo southeast to Wongan Hills. Tree to 12 feet high, usually with several stems; leaves thick; fruits pendant, pyriform, sometimes very large; flowers red.

254938. *GREVILLIA* sp. Proteaceae.

Col. No. S-33. North and east of Mingenew. Shrub to 8 feet high; leaves brown above; flowers large, cream-colored, borne above foliage.

254939. *HAKEA PLATYSPERMA* Hook. Proteaceae.

Col. No. S-41. Wongan Hills and northwest to Jurien Bay. Shrub to 8 feet high; leaves terete, pungent, about 5 inches in diameter; flowers brown and cream-colored; fruits large, castanet-shaped; seeds large, dislike.

254927 to 254972—Continued

254940. *MICROMYRTUS DRUMMONDII* Benth. Myrtaceae.

Col. No. S-45. 'Drummond's Heath Myrtle'. Dinner Hill and Mount Leseuer areas. Short, dense, upright shrub; foliage heathlike; flowers pinkish, small, in masses.

254941. *THRYPTOMENE AUSTRALIS* Endl. Myrtaceae.

Col. No. S-38. South of Billaricay, along railroad to Merredin. Shapely shrub to 5 feet high, of broomlike habit; flowers pink or white, numerous.

254942. *THRYPTOMENE HYPORHYTIS* Turcz.

Col. No. S-37. Dinner Hill. Shrub to 3 feet high; flowers white and pink, minute, in masses.

254943. *THRYPTOMENE KOCHII* E. Pritzel

Col. No. S-39. Dandaragan road west of Moora. Low spreading shrub to 3 feet high, in colonies of 20 or more.

254944. *THRYPTOMENE STRONGYLOPHYLLA* F. Muell.

Col. No. S-36. Yellow sands 10 miles northwest of Kondat. Heathlike shrub to five feet high; flowers numerous, small, reddish-pink.

254945. *TRICHINIUM SPATHULATUM* R. Br. Amaranthaceae.

Col. No. S-40. Limestone coastal dunes 10 miles south of Geraldton. Rambler, over decadent scrub and flowers; flowers white.

254946. *BEAUFORTIA ELEGANS* Schau. Myrtaceae.

Col. No. S-131. Wanneroo. Densely branched shrub to five feet high; flowers rose-pink, to one inch in diameter, in dense clusters on short spikes.

254947. *BEAUFORTIA MACROSTEMON* Lindl.

Col. No. S-144. Bullsbrook. Densely branched shrub to 12 inches high; base thick, woody; leaves linear, dense, bronze tints; flowers green and red.

254948. *BEAUFORTIA PURPUREA* Lindl.

Col. No. S-145. Piawanning. Compact shrub to 12 inches high and usually more in diameter; leaves small, crowded; flowers deep crimson, in small compact spikes.

254949. *BORONIA MEGASTIGMA* Nees Rutaceae.

Col. No. S-128. Albany. Shrub to three feet high; foliage heathlike; flowers bell-shaped, about ¼-inch diameter, brown outside, lemon-yellow inside, fragrant.

254950. *BORONIA PURDIEANA* Diels

Col. No. S-132. 'Lemon-scented Yellow Boronia'. Light sandy soil with little humus, Wanneroo. Slender shrub to three feet high; flowers lemon-yellow, tinged green at base, very fragrant.

254951. *CALECTASIA CYANEA* R. Br. Liliaceae.

Col. No. S-133. 'Blue Tinsel Lily'. Wanneroo. Shrub to 18 inches high; foliage needlelike, bright green; flowers violet; perianth scarious, tinsel-like texture, contrasting with the large yellow anthers.

254952. *CALLISTEMON PHOENICEUS* Lindl. Myrtaceae.

Col. No. S-146. Greenhead road, 15 miles west of Coorow. Shrub to five feet high; leaves narrow, glaucous; flowers crimson, in large erect spikes.

254953. *CALOTHAMNUS BLEPHAROSPERMUS* F. Muell. Myrtaceae.

Col. No. S-147. Mullewa. Shrub to five feet high; flowers long staminate; stamen bundles of bright scarlet.

254954. *CALOTHAMNUS SANGUINEUS* Labill.

Col. No. S-148. Mount Leseuer. A compact species to 2 feet high; flowers with prominent brilliant scarlet staminal bundles.

254927 to 254972—Continued

254955. *CALYTRIX BREVIFOLIA* Meissn. Proteaceae.

Col. No. S-149. Perenjori. Compact shrub to 18 inches high, two feet in diameter; foliage dense, small; flowers violet.

254956. *CONOSPERMUM CRASSINERVIUM* Meissn. Proteaceae.

Col. No. S-154. Great Northern Highway, 42 miles north of Perth. Shrub to six feet high; leaves radial; scapes few bearing a broad corymb of woolly white flowers; perianth deep violet.

254957. *CONOSPERMUM GLUMACEUM* Lindl.

Col. No. S-134. Bullsbrook. Shrub to five feet high; stems slender, erect, little-branched; foliage dense; leaves linear, spreading; flowers yellowish white, small, in elongated spreading or drooping spikes with closely imbricate narrow glumelike yellowish white bracts.

254958. *EREMAEA BEAUFORTIODES* Benth. Myrtaceae.

Col. No. S-150. Hill River. Densely branched shrub to three feet high; flowers rich orange, in small dense clusters.

254959. *EREMAEA EBRACTEATA* F. Muell.

Col. No. S-151. Hill River. Shrub to 2½ feet high; flowers orange-red. A rare species.

254960. *EREMAEA PAUCIFLORA* (Endl.) Druce

Col. No. S-135. Bullsbrook. Shrub to three feet high; leaves short; linear; flowers orange-red.

254961. *EREMAEA VIOLACEA* F. Muell.

Col. No. S-152. Hill River. Robust shrub to three feet high; leaves large and very hirsute; flowers much larger than typical form.

254962. *GREVILLEA CANDICANS* C. A. Gardn. Proteaceae.

Col. No. S-155. Yuna. Erectly branched shrub to six feet high; leaves narrow; flowers white, in racemes to six inches long.

254963. *HELICHRYSUM LAWRENCELLA* F. Muell. Asteraceae.

Col. No. S-138. Wanneroo. Annual to 12 inches high; leaves basal; flower heads 2 inches across with radiating rose-pink ray flowers.

254964. *HELICHRYSUM ROSEUM* (Lindl.) Druce

Col. No. S-127. 'Everlasting'. Perenjori. Annual to 10 inches high; inner bracts radiating, rose-pink.

254965. *HELIPTERUM SPLENDIDUM* Hemsl. Asteraceae.

Col. No. S-139. 'Giant White Everlasting'. Perenjori. Erect annual to 16 inches high; stems wiry; leaves small, somewhat fleshy; flower heads hemispherical, 2 inches across; bracts white, a few inner ones spotted black. Largest flowered species of the genus in Australia.

254966. *HIBBERTIA LASIOPUS* Benth. Dilleniaceae.

Col. No. S-136. Bindoon. Diffuse shrub to 6 inches high and 20 inches in diameter; flowers to 2 inches in diameter, deep yellow, with chestnut-colored bracts.

254967. *HIBBERTIA MINIATA* C. A. Gardn.

Col. No. S-137. Bindoon. Erect shrub to 15 inches high; leaves gray, erect, narrow; flowers large, orange-scarlet; anthers usually purple, rarely yellow.

254927 to 254972—Continued

254968 and 254969. *HIBISCUS HUEGELII* var. *WRAYAE* (Lindl.) Benth. Malvaceae.

254968. Col. No. S-129. Great Northern Highway, five miles north of Moora. Shrub to 6 feet high; leaves deeply lobed, tomentose; flowers lavender-blue, to 6 inches across.

254969. Col. No. S-130. Great Northern Highway, 5 miles north of Moora. Leaves deeply lobed, tomentose; flowers lavender-blue.

254970. *HYPOCALYMMA ROBUSTUM* Lindl. Myrtaceae.

Col. No. S-140. 'Swan River Myrtle'. Bullsbrook. Shrub to 3 feet high; flowers rose-pink.

254971. *PLEANTHUS FILIFOLIUS* Meissn. Myrtaceae.

Col. No. S-142. Gingin. Erect, sparsely branched shrub to 2 feet high; flowers large, red.

254972. *PIMELEA SUAVEOLENS* Meissn. Thymelaeaceae.

Col. No. S-143. Bullsbrook. Shrub to 2 feet high; stems erect; leaves glaucous; flower heads large, drooping; involucre bracts yellow or green.

254973 to 254992.

From Greece. Seeds collected by P. F. Knowles, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 14, 1959.

254973. *BRACHYPODIUM* sp. Poaceae.

Col. No. K2203. Fifty km. northwest of Tripolis.

254974 and 254975. *CARTHAMUS DENTATUS* Vahl. Asteraceae.

254974. Col. No. K2200. Fifty km. northwest of Tripolis.

254975. Col. No. K2213. Five km. south of Pharsala.

254976. *CARTHAMUS TINCTORIUS* L.

Safflower.

Col. No. K2210. From the Hellenic Agricultural Research Station, Larissa. High-yielding variety.

254977 to 254990. *CARTHAMUS* sp.

254977. Col. No. K2193. Three km. west of Theodori.

254978. Col. No. K2194. Ten km. east of Corinth.

254979. Col. No. K2195. Ruins at Mykinae.

254980. Col. No. K2196. Ten km. east of Nafplion.

254981. Col. No. K2197. Ruins at Epidauros.

254982. Col. No. K2199. One km. north of Tripolis.

254983. Col. No. K2201. Fifty km. northwest of Tripolis.

254984. Col. No. K2204. Twenty-four km. east of Olympia.

254985. Col. No. K2205. Thirty-three km. northwest of Pyrgos.

254986. Col. No. K2206. Near ferry, Rion.

254987. Col. No. K2207. Ruins, Delphi.

254988. Col. No. K2208. Five km. northwest of Levadia.

254989. Col. No. K2209. Forty-seven km. northwest of Levadia.

254990. Col. No. K2211. Ten km. south of Larissa.

254991. *DACTYLIS GLOMERATA* var. *HISPANICA* (Roth) Duby Poaceae.

Col. No. K2198. Ruins, Epidauros.

254992. *DACTYLIS GLOMERATA* L.

Orchardgrass.

Col. No. K2202. Fifty km. northwest of Tripolis.

254993 to 255017.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 14, 1959.

254993. *CALLISTEMON* sp. Myrtaceae.

Col. No. S-25. Streamside near Rylston Dam, New South Wales. Columnar shrub to 8 feet high.

254994. *EPACRIS IMPRESSA* Labill. Epacridaceae.

Col. No. S-7. Sunny roadside, Labertouche, Victoria. Slender upright shrub to 2 feet high, a so-called Australian heath; flowers along one side of stem, bright red, tubular to 1 inch long; foliage very stiff and prickly.

254995. *EUCALYPTUS* (hybrid). Myrtaceae.

Col. No. S-10. Waite Agricultural Institute, Adelaide, South Australia. A natural hybrid that comes true from seed. Tree to 25 feet high; flowers deep pinkish, larger and brighter than *E. erythronema*, the pistillate parent, which they resemble.

254996. *EUCALYPTUS BICOLOR* A. Cunn.**Blackbox.**

Col. No. S-15. Murray River bank, Loxton, South Australia. Broad-headed tree 40 feet high; foliage grayish. Said to be tolerant of salty conditions.

254997. *EUCALYPTUS MACROCARPA* Hook.

Col. No. S-21. 'Rose of the West'. Garnet Hatley Garden, Horsham, Victoria. Plant straggly; flowers large, deep pink. One of the showiest species.

254998. *EUCALYPTUS NIPHOPHILA* Maiden and Blakely

Col. No. S-14. Guini Flat, Australian Commonwealth Territory. Elevation 5,200 feet. Tree to 20 feet high, twisted.

254999. *EUCALYPTUS STRICTA* Sieb.

Col. No. S-27. Khyber Pass, near Rylston, Western Australia. Mallee type, to 15 feet high; leaves glossy, narrow-lanceolate, to 4 inches long.

255000. *GREVILLEA* sp. Proteaceae.

Col. No. S-22. Western Australia. Compact spherical shrub to three feet high and three feet in diameter; flowers yellow, on 7 foot stems.

255001. *ISOPOGON* sp. Proteaceae.

Col. No. S-16. Moora-Gingin road, Western Australia. Rounded shrub to 2½ feet high; flowers pink, attractive.

255002. *KERAUDRENIA HILLII* F. Muell. Sterculiaceae.

Col. No. S-29. Dr. Blake's garden, Brisbane. Tree to 10 feet high with tendency to root sucker.

255003. *KERAUDRENIA INTEGRIFOLIA* Steud.

Col. No. S-26. Sandy garden soil, Queensland. Shrub to four feet high; flowers blue.

255004 and 255005. *LEPTOSPERMUM CORIACEUM* Cheel. Myrtaceae.

255004. Col. No. S-8. 'Green Tea Tree'. Sandy ridge south of Mildura Victoria. Bushy shrub to 6 feet high; flowers white.

255005. Col. No. S-11. Sandy roadside between Blanchetown and Waikerie, South Australia. Shrub to six feet high; flowers white.

255006. *LEPTOSPERMUM LUEHMANNII* F. M. Bail.

Col. No. S-28. Dr. Blake's garden, Brisbane, Queensland. Slender shrub to 8 feet high; flowers white; bark attractive, like *Lagerstroemia is indica*.

254993 to 255017—Continued

255007 and 255008. *LEPTOSPERMUM PUBESCENS* Lam.

255007. Col. No. S-5. Anakie Gorge, southern end of Brisbane Range, Victoria. Upright shrub to seven feet high; leaves gray; flowers white.

255008. Col. No. S-9. 'Moonah'. Salt pan south of Mildura, Victoria. Bushy tree to 10 feet high.

255009. *LEPTOSPERMUM SPHAEROCARPUM* Cheel.

Col. No. S-24. Khyber Pass near Rylston, Western Australia. Gray-leaved shrub to 3 feet high; flowers white; fruit small.

255010. *MARSILEA DRUMMONDI* A. Br. Marsileaceae.

Col. No. S-17. Loxton, Southern Australia. Herbaceous creeping ground cover; frond petiolate, four-lobed, resembling 4-leaved clover; sporocarp is a bony beanlike structure, eaten by natives.

255011. *MELALEUCA* (hybrid). Myrtaceae.

Col. No. S-6. (*M. fulgens* × *M. steedmanii*). Garden of F. C. Payne, Athelstone, South Australia. Shrub to 7 feet high; flowers large, bright red.

255012. *MELALEUCA ACUMINATA* F. Muell.

Col. No. S-12. Sandy soil between Tailem Bend and Naturi, South Australia. Compact shrub to 6 feet high; flowers small, light-lavender.

255013. *MELALEUCA PUBESCENS* Schauer

Col. No. S-13. Tailem Bend-Naturi road, South Australia.

255014. *MELALEUCA SQUARROSA* J. E. Smith.

Col. No. S-19. 'Scented Paper Bark'. Victoria. Large shrub.

255015. *MELALEUCA STEEDMANII* C. A. Gardn.

Col. No. S-23. Western Australia. Spreading shrub with brilliant red "brushes", each stamen tipped by a golden anther.

255016. *RICINOCARPUS PINIFOLIUS* Desf. Euphorbiaceae.

Col. No. S-20. 'Wedding Flower'. Coastal highway, Frankston, Victoria. Rounded shrub to four feet high; foliage dark green, needlelike; flowers waxy white, 0.75 inch in diameter.

255017. (Undetermined.)

Col. No. S-18. Waitpinga, Victor Harbor Road, South Australia. Shrub to four feet high; foliage stiff, sharp pointed needlelike; flowers red.

255018. *CALOTROPIS GIGANTEA* (L.) R. Br. Asclepiadaceae.

From Pakistan. Seeds presented by S. A. Khan, Lahore. Received Jan. 15, 1959.

Open wastelands in Kundian Tehsil, Mianwali District, West Pakistan. Elevation 400 feet. Average annual rainfall 12 inches, minimum temperature 35° F. Arid zone subshrub.

255019 to 255072.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 15, 1959.

Collected in Western Australia.

255019. *ACACIA BEAUVERDIANA* Ewart. Mimosaceae.

Col. No. S-51. Widgiemooltha, between Norseman and Coolgardie. Shrub to eight feet high; phyllodia dense, to three inches long.

255019 to 255072—Continued

255020. *ACACIA LINOPHYLLA* Fitzg.

Col. No. S-178. 'Bogata'. Nalbarra Station, upper Murchison. Tree to 20 feet high; leaves narrow, linear, grayish; seed pods to 6 inches long, grayish with purplish stripes. Sheep are fond of pods.

255021. *ACACIA MERRALLII* F. Muell.

Col. No. S-53. One hundred miles east of Perth. Fusiform gray shrub to six feet high.

255022. *ACTINOTUS HELIANTHI* Labill. Apiaceae.

Col. No. S-54. 'Flannel Flower'. Sidney, New South Wales. Herb to 2 feet high; foliage denticulate, fuzzy gray; flowers large, daisylike.

255023. *ANIGOZANTHUS FLAVIDA* DC. Amaryllidaceae.

Col. No. S-55. Collie. Grows from strong rhizomes. Plant over six feet high when in flower; rhizomatous; flowers dark red.

255024 to 255029. Purchased from Johnson & Co., Joondanna.**255024.** *BANKSIA ASHBYI* Baker f. Proteaceae.

Col. No. S-165. Ajana. Shrub or small tree to 15 feet high; leaves long, glaucous; flowers on short compact glabrous spikes, orange.

255025. *BANKSIA BURDETTII* Baker f.

Col. No. S-166. 'Burdett's Banksia'. Shrub to 10 feet high; branches spreading; flowers orange-yellow, in cones to 6 inches long.

255026. *BANKSIA CANDOLLEANA* Meissn.

Col. No. S-168. Shrub to 4 feet high, with underground creeping stems; flowers orange-yellow; fruiting cones odd-shaped.

255027. *BANKSIA HOOKERIANA* Meissn.

Col. No. S-171. Shrub to six feet high; widely branched; leaves bright green, narrow, to five inches long; cones terminal, orange-yellow.

255028. *BANKSIA LARICINA* C. A. Gardn.

Col. No. S-167. Shrub to 4 feet high; leaves green, crowded, about an inch long; flowers yellow, in subglobular spikes to two inches in diameter; cones three inches in diameter, three inches long, with large colored petal-like capsules.

255029. *BANKSIA SCEPTRUM* Meissn.

Col. No. S-170. Erect, densely branched shrub to 8 feet high; leaves small; flowers golden yellow, to 9 inches long, on large terminal spikes.

255030. *BANKSIA SPECIOSA* R. Br.

Col. No. S-187. Esperance. Densely branched, leafy shrub to 20 feet high; flowers pale yellow; cones oblong.

255031. *BANKSIA SPHAEROCARPA* R. Br.

Col. No. S-169. Purchased from Johnson & Co., Joondanna. Tree with a pine-like habit and foliage to 3 feet high; flowers lemon-yellow in cylindrical spikes.

255032. *BORONIA CYMOSA* Endl. Rutaceae.

Col. No. S-164. 'Granite Boronia'. Along Mullewa road, 36 miles from Geraldton. Shrub to one foot high, spreading to 2 feet across; flowers soft pink.

255033. *BURCHARDIA* sp. Liliaceae.

Col. No. S-175. Burma road 40 miles southeast of Geraldton. Bulbous plant to one foot high; flowers white.

255034. *BYBLIS GIGANTEA* Lindl. Droseraceae.

Col. No. S-189. Cannington. Insectivorous plants; leaves linear, in rosettes, to 12 inches long, covered with viscid drops; flowers rosy-purple, to 1 inch in diameter; spikes to two feet high.

255019 to 255072—Continued

255035. *CALLISTEMON SPECIOSUS* (Sims) DC. Myrtaceae.

Showy bottlebrush.

Col. No. S-184. Albany-Denmark highway. Shrub to four feet high; foliage broad lanceolate; flowers in large "brushes" to eight inches long, brilliant red.

255036. *CALLISTEMON PACHYPHYLLUS* Benth.

Col. No. S-186. Dr. Blake's Garden, Brisbane. Shrub to eight feet high.

255037. *CALOTHAMNUS CHRYSANTHEUS* F. Muell. Myrtaceae.

Col. No. S-56. Billericay, 22 miles north of Kondinin. Erect shrub to five feet high; leaves long, terete; flowers red and yellow.

255038. *CALOTHAMNUS HOMALOPHYLLUS* F. Muell.

Col. No. S-57. Binni, 45 miles north of Geraldton. Shrub to eight feet high; leaves glabrous, broad; flowers brilliant.

255039. *CALOTHAMNUS LONGISSIMUS* F. Muell.

Col. No. S-58. 'Long Leaved Net Bush'. Southwest of Three Springs. Curious shrub four feet high; leaves long, wavy, terete; flowers dark red, borne below foliage.

255040. *CALOTHAMNUS PACHYSTACHYUS* Benth.

Col. No. S-59. East of Wandering and south of Pingelly. Upright shrub to six feet high; leaves grayish, flat, oblanceolate; flowers red.

255041. *CALOTHAMNUS SANGUINEUS* Labill.

Col. No. S-179. 'Net Bush'. Mullewa road, 30 miles out from Geraldton. Shrub to four feet high. Flowers usually on one side of stem. This species goes around the stem.

255042. *CALYTHRIX ANGULATA* Lindl. Myrtaceae.

Col. No. S-60. Perth. Plant to one foot high with numerous stems from ground; flowers terminal, yellow.

255043. *CALYTHRIX FLAVESCENS* A. Cunn.

Col. No. S-61. Watheroo to Jurien Bay. Undershrub to three feet high; foliage light, open; flowers in spikes or pyriform heads.

255044. *CALYTHRIX FRASERI* A. Cunn.

Col. No. S-62. 'Fraser's Fringed Myrtle'. Perth coastal sands. Loose shrub; flowers large, rosy or reddish-pink.

255045. *CALYTHRIX STRIGOSA* A. Cunn.

Col. No. S-63. Geraldton. Divaricate undershrub to two feet high; flowers star-shaped, striped, pink to deep violet; calyx awnless.

255046. *CALYTHRIX TENUIFOLIA* Meissn.

Col. No. S-64. Dinner Hill. Plant one foot high, bushy, rounded, with tendency to spread; flowers purple with white, yellow or reddish "eye".

255047. *CALYTHRIX* sp.

Col. No. S-156. Mullewa road, 30 miles from Geraldton. Shrub to 18 inches high; foliage minute, succulent; flowers pink, star-shaped.

255048. *CASSIA EREMOPHILA* A. Cunn. Caesalpiniaceae.

Col. No. S-157. 'Desert Cassia'. Little Desert, Kiata, Victoria. Fine-leaved shrub to six feet high; flowers yellow, showy.

255049. *CASSIA STURTII* R. Br.

Col. No. S-158. 'Dense Cassia'. Shrub to six feet high; leaves gray.

255019 to 255072—Continued

255050. *CLEMATIS ARISTATA* R. Br. Ranunculaceae.

Col. No. S-177. Coastal dunes 10 miles south of Geraldton. Scrambling vine completely covering shrubs.

255051. *COMMERSONIA* sp. Sterculiaceae.

Col. No. S-30. Dr. Blake's garden, Brisbane. Small tree or large shrub; flowers lavender.

255052. *CONOSPERMUM INCURVUM* Lindl. Proteaceae.

Col. No. S-65. 'Smoke Bush'. Tammin Reserve. Shrub to four feet high; flowers in grayish racemes, giving the bush a smoky appearance from a distance.

255053. *DAMPIERA ERIOCEPHALA* DeVriese Goodeniaceae.

Col. No. S-66. Narambeen. Herbaceous plant to six inches high; flowers light blue, in heads.

255054. *DIPLOLAENA DAMPIERI* Desf. Rutaceae.

Col. No. S-182. Southern outskirts of Geraldton. Shrub to eight feet high; foliage grayish; flower heads to two inches across, dull reddish-pink.

255055. *DODONAEA ADENOPHORA* Miq. Sapindaceae.

Col. No. S-67. 'Hop Bush'. Light sandy loams, Coolgardie. Small upright shrub; twiggy; foliage fine pinnate; fruits scarlet, hoplike.

255056. *DODONAEA MICROZYGA* F. Muell.

Col. No. S-68. Summit of Fraser Range. Shrub to three feet high; leaves pinnate; fruits showy. A dry climate shrub.

255057. *DROSERA* sp. Droseraceae.

Col. No. S-188. Near Carnamah. Small species; flowers orange.

255058. *DRYANDRA CARLINOIDES* Meissn. Proteaceae.

Col. No. S-172. Walkaway and Ellendale road. Shrub to one foot high; foliage prickly.

255059. *DRYANDRA PRAEMORSA* Meissn.

Col. No. S-69. 'Holly Dryandra'. Darling Range. Tree to 18 feet high; leaves oaklike; flowers yellow, two inches across.

255060. *DRYANDRA SPECIOSA* Meissn.

Col. No. S-70. Deep sandy loams, Tammin Reserve, Perth. Shrub to five feet high; foliage dark green, piniform; flowers semipendent, white.

255061. *EREMAEA VIOLACEA* F. Muell. Myrtaceae.

Col. No. S-180. Burma Road, 40 miles southeast of Geraldton. Shrub to two feet high and three feet across; foliage heathlike; flowers showy with violet and blue balls of fluffy stamen.

255062. *EREMAEA* sp.

Col. No. S-71. Badgingorra, 125 miles north of Perth. Shrub to five feet high; foliage heathlike; flowers orange.

255063. *EUCALYPTUS BURRACOPPIENSIS* Maiden & Blakely Myrtaceae.

Col. No. S-72. 'Burracoppin Malee'. Burracoppin. Shrub to 15 feet high; flowers cream-colored, showy.

255064. *EUCALYPTUS CAMPASPE* S. L. Moore

Col. No. S-73. 'Silver-topped Gimlet'. Coolgardie. Tree to 30 feet high; trunk fluted; underbark glabrous, ruby-red; flowers yellow.

255065. *EUCALYPTUS FORRESTIANA* Diels

Col. No. S-74. 'Fuchsia Gum' or 'Forrests Marlock'. South of Norseman. Shrub to 15 feet high; buds and seed pods red, ornamental.

255019 to 255072—Continued

255066. *EUCALYPTUS MARGINATA* J. E. Smith

Col. No. S-75. Near Albany. Shrub; leaves dark green, shining, broadly oblanceolate; flowers cream-colored, borne in masses; fruits large.

255067. *EUCALYPTUS REGNANS* F. Muell.

Col. No. S-160. Cumberland Acre, Marysville, Victoria. Tree said to rival *Sequoias*, to 200 feet high.

255068. *EUCALYPTUS WOODWARDII* Maiden

Col. No. S-76. 'Woodward's Blackbutt'. Dry country east of Kalgoorlie. Tree to 40 feet high; foliage glaucous, ornamental; flowers golden-yellow.

255069. *GELEZNOWIA CALYCINA* Benth. Rutaceae.

Col. No. S-77. 'Yellow Boronia'. Perth. Plant to one foot high; foliage pallid, tuberculate, ovate, decussate; flowers yellow, to one inch diameter.

255070. *GREVILLEA ENDLICHERIANA* Meissn. Proteaceae.

Col. No. S-161. Mullewa road, 32 miles from Geraldton. Upright shrub to four feet high; foliage silvery, needlelike; flowers pink.

255071. *GREVILLEA* sp.

Col. No. S-176. Mullewa road, 35 miles from Geraldton. Shrub to six feet high; foliage needlelike; flowers pink; seed pods warty, very sticky.

255072. *GREVILLEA PETROPHILOIDES* Meissn.

Col. No. S-78. Mount Sterling. Shrub; flowers pink, in tall plumes.

255073. *MIMOSA INVISA* Mart. Mimosaceae.

From the Belgian Congo. Seeds presented by the Institut National pour l'Etude Agronomique du Congo Belge, Kaniama. Received Jan. 16, 1959.

A remarkable humus producer, making a herbage mat to three feet thick. A spineless form but thorny mutations occur. Native to tropical Africa.

255074. *MACROZAMIA REIDLEI* C. A. Gard. Cycadaceae.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 19, 1959.

From Bindoon, West Australia.

255075. *BUXUS SEMPERVIRENS* L. Buxaceae. **Common box.**

From Yugoslavia. Seeds collected by F. G. Meyer, Missouri Botanical Garden, St. Louis, Mo. Numbered Jan. 22, 1959.

'Agram'. From 1935 seeds from Skoplje, Vardas River Valley, Macedonia. Slow-growing upright, columnar form; branches ascending, forming a narrow columnar shrub several feet high.

255076. *EHRETIA ANACUA* Teran & Berland Boraginaceae.

From Texas. Plant collected by Lynn Lowrey, Lowrey Nursery, Houston. Received July 16, 1958. Numbered Jan. 22, 1959.

Collected at Victoria. A relatively unknown ornamental.

255077. *THESPESIA LAMPAS* (Cav.) Dalz. & Gibs. Malvaceae.

From Nepal. Seeds presented by George Kneirim, Kathmandu. Received Jan. 12, 1959.

Elevation 1,500 feet.

255078 to 255135.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 16, 1959.

Collected in Western Australia.

255078. *PILEANTHUS PEDUNCULARIS* Endl. Myrtaceae.

Col. No. S-103. 'Copper Cups'. Mullewa. Shrub to four feet high; flowers numerous, simple, apricot and orange shades.

255079. *HAKEA AMPLEXICAULIS* R. Br. Proteaceae.

Col. No. S-79. Darling Range, Perth. Rigid, prickly shrub to ten feet high; leaves stem-clasping, heart-shaped, deeply serrated; flowers yellow to pink, in leaf axils.

255080. *HAKEA BUCCULENTA* C. A. Gard.

Col. No. S-80. Mullewa, north of Geraldton. Plant tall, narrow-leaved; flowers scarlet.

255081. *HAKEA ELLIPTICA* (Smith) R. Br.

Col. No. S-81. 'Mount Clarence Hakea'. Mount Clarence, Albany. Upright shrub to eight feet high; leaves bronze tipped, broadly elliptical, light green; flowers white.

255082. *HAKEA INCRASSATA* R. Br.

Col. No. S-82. Ravensthorpe to Ajana. Spreading shrub to four feet high; leaves obtuse to elliptical, light grayish; flowers brown and cream-colored; fruits globular, to one inch in diameter.

255083. *HAKEA LASIANTHA* R. Br.

Col. No. S-83. Albany. Leaves lanceolate, dense; flowers white or cream-colored.

255084. *HAKEA MEGALOSPERMA* Meissn.

Col. No. S-84. Mount Lesueur, five miles east of Jurien Bay. Low spreading shrub; fruits ovate, flat, to four inches diameter, borne upright on stems above foliage.

225085. *HAKEA RECURVA* Meissn.

Col. No. S-85. North of Irwin. Shrub to 20 feet high; leaves rigid needle-like; flowers yellow.

225086. *HEMIGENIA* sp. Menthaceae.

Col. No. S-86. Kondivan. Hardy shrub to three feet high; stems soft, hirsute; foliage penstemonlike; flowers pink.

225087. *HEMIGENIA* sp.

Col. No. S-88. North of Wongan Hills. Woolly shrub to three feet high; flowers borne in erect axillary spikes, carmine-pink.

225088. *ISOPOGON DIVERGENS* R. Br. Proteaceae.

Col. No. S-89. 'Cone Bush'. Carnamah, south to Quairading. Shrub to five feet high; leaves pinnately divided into rigid narrow segments; flowers silvery pink, in terminal cones.

255089. *ISOPOGON HETEROPHYLLUS* Meissn.

Col. No. S-90. South of Pingelly to Albany. Upright shrub to six feet high; leaves pinnate; flowers yellow.

255090. *ISOPOGON LATIFOLIUS* R. Br.

Col. No. S-92. 'Cone Bush'. Albany to Cape Riche. Shrub to six feet high; branches bear heads of rose-pink flowers.

255078 to 255135—Continued

255091. *LACHNOSTACHYS COOLGARDIENSIS* S. Moore Verbenaceae.

Col. No. S-93. Ten miles west of Coolgardie. Spreading shrub to four feet high; foliage white, wooly; flowers small, blue.

255092. *LAMBERTIS FORMOSA* Smith Proteaceae.

Col. No. S-94. 'Mountain Devil'. Blue Mountains, Hawkesbury. Shrub to five feet high: flowers red or deep pink.

255093. *LEPTOSPERMUM SPHAEROCARPUM* Cheel. Myrtaceae.

Col. No. S-24A. Khyber Pass near Rylston. Shrub to three feet high; leaves gray; flowers white.

255094 and 255095. *LEPTOSPERMUM SPINESCENS* Endl.

Purchased from Johnson & Co., Joondanna.

255094. Col. No. S-141. Rigid shrub to two feet high; branches spinescent; flowers large, white, with green center.

255095. Col. No. S-181. Burma Road, 40 miles southeast of Geraldton. Spinescent shrub to two feet high; flowers white with greenish cast.

255096. *MACROPIDIA FULIGINOSA* Druce Amaryllidaceae.

Col. No. S-95. 'Black Kangaroo Paw'. Herb with irislike foliage, to two feet high; flower stalks to six feet high; flowers black and green.

255097. *MARIANTHUS LINATUS* F. Muell. Pittosporaceae.

Col. No. S-174. Mullewa road, about 30 miles from Geraldton. Vine that may be pruned and treated as a low shrub.

255098. *MARIANTHUS RINGENS* F. Muell.

Col. No. S-162. 'Chapman River Creeper'. Chapman River bank near Geraldton. Vine; foliage glossy green; flowers pendent red bells to 1 inch long.

255099. *MELALEUCA GRAMINEA* S. Moore Myrtaceae.

Col. No. S-96. 'Grass Leaf Paperbark'. Albany. Tree or shrub to 20 feet high; bark white; leaves lanceolate, bright green.

255100. *MELALEUCA PUNGENS* Schau.

Col. No. S-97. 'Prickly Bottlebrush'. Popanginning. Rigid shrub to four feet high; young foliage fragrant; flowers yellow, in spikes three inches long.

255101. *MELALEUCA SCABRA* R. Br.

Col. No. S-98. 'Trichophylla'. Mullewa, Geraldton. Compact shrub to five feet high; leaves dark green; flowers crimson, in terminal heads; anther tips white.

255102. *MELALEUCA STEEDMANII* C. A. Gardn.

Col. No. S-153. Perenjori. Purchased from Johnson & Co., Joondanna. Shrub to six feet high; branches erect, twiggy; leaves glaucous; flowers in short spikes, scarlet, with broad, prominent staminal bundles.

255103. *MELALEUCA THYOIDES* Turcz.

Col. No. S-99. Murchison, 15 miles northwest of Ajana. Leaves bright green, short, sessile, ovate; flowers purple to mauve, in terminal heads.

255104. *MELALEUCA* sp.

Col. No. S-183. Highway near Pindar. Tree or large shrub ten feet high; flowers lavender.

255105. *MICROMYRTUS HURSTHOUSEI* Fitzg. Myrtaceae.

Col. No. S-101. Cockleshell Gully, five miles east of Jurien Bay. Upright shrub to three feet high; flowers small, white or pink, in masses.

255078 to 255135—Continued

255106. *MICROMYRTUS HYMENONEMA* (F. Muell.) C. A. Gardn.

Col. No. S-100. Badgingaria. Procumbent shrub to six inches high; foliage heathlike; flowers pearl-like, in strings, on soil.

255107. *MIRBELIA OXYLOBOIDES* F. Muell. Fabaceae.

Col. No. S-163. Mount Canobolus. Shrub to four feet high; flowers yellow.

255108. *PETROPHILA BILOBA* R. Br. Proteaceae.

Col. No. S-102. 'Rock Cone Bush'. Armadale and Darling Range, Perth. Shrub to 10 feet high; leaves short, trident; flowers woolly, mauve and yellow.

255109. *PITYRODIA* sp. Verbenaceae.

Col. No. S-87. 'Wooly Bush'. West Geraldton. Plant upright, to four feet high; stems yellow; upper surface of leaves white; flowers bronze.

255110. *RULINGIA DENSIFLORA* Benth. Sterculiaceae.

Col. No. S-104. Ajana to Geraldton. Plant to four feet high; foliage woolly; umbels to two feet across; flowers small, white.

255111. *SCHOLTZIA INVOLUCRATA* Druce Myrtaceae.

Col. No. S-105. Dinner Hill. Shrub to ten feet high; leaves short, decusate, bright green; flowers pearly-white, numerous.

255112. *SCHOLTZIA LEPANTHA* Benth.

Col. No. S-106. Five miles south of Ajana. Shrub to four feet high; leaves small; flowers small, pink or white; in masses.

255113. *THRYPTOMENE BAECKEACEA* F. Muell. Myrtaceae.

Col. No. S-107. 'Purple Ti-Tree'. Northampton, Geraldton. Compact shrub to three feet high, flat-topped; leaves dark green, minute; flowers purple, numerous.

255114. *THRYPTOMENE RACEMULOSA* Turcz.

Col. No. S-108. 'Walebing Thryptomene'. Five miles south of Walebing. Shrub to four feet high; flowers pink and white.

255115. *THRYPTOMENE SAXICOLA* (A. Cunn.) Schau.

(No field note.)

255116. *THRYPTOMENE TUBERCLATA* E. Pritz.

Col. No. S-109. Thickets 10 miles west of Moora. Flat-topped rounded shrub to four feet high; free flowering.

255117. *TRICHINIUM MANGLESII* Lindl. Amaranthaceae.

Col. No. S-110. Bending. Perennial to two feet high; flowers silver and crimson, in terminal cone-shaped spikes.

255118. *VERTICORDIA BROWNII* DC. Myrtaceae.

Col. No. S-111. Mullewa to Tammin Reserve. Shrub to three feet high; flowers in large heads, compact, white to cream-colored, minute.

255119. *VERTICORDIA DENSIFLORA* Lindl.

Col. No. S-114. 'Pink Morrison'. Perth. Shrub to four feet high; flowers in corymbs, white or pink.

255120. *VERTICORDIA GRANDIS* Drumm.

Col. No. S-112. 'Scarlet Morrison'. Irwin River, south to Gingin. Straggly shrub; foliage gray; flowers bright red, feathery.

255121. *VERTICORDIA HUEGELI* Endl.

Col. No. S-115. Moora. Erect shrub to three feet high; flowers open yellowish or white and turn pinkish.

255078 to 255135—Continued

255122. *VERTICORDIA MONADELPHA* Turcz.

Col. No. S-116. 'Woolly Morrison' or 'Woolly Feather Flower'. Wongan Hills. Dense, rounded shrub to three feet high; flowers rose-colored, woolly.

255123 and 255124. *VERTICORDIA MUELLERIANA* E. Pritz.

255123. Col. No. S-117. Mullewa. Slender plant to six feet high; leaves sessile, round, decussate; flowers glaucous or green and golden bronze.

255124. Col. No. S-118. Watheroo. Plant to seven feet high.

255125. *VERTICORDIA NITENS* Schau.

Col. No. S-119. 'Green Feather Flower' or 'True Morrison'. Wanneroo, Morra River. High erect plant; umbels large; flowers small, yellow.

255126. *VERTICORDIA OCLATA* Meissn.

Col. No. S-120. Diviner Hill, east of Hill River. Upright plant to five feet high; leaves opposite, ovate, odd; flowers delicate, pink and white.

255127. *VERTICORDIA PENNIGERA* Endl.

Col. No. S-122. Hill River area to Stirling Range. Shrub to two feet high; flowers mauve, in 1.5 foot spikes.

255128. *VERTICORDIA PICTA* Endl.

Col. No. S-121. Widgemoolthan, north of Norseman. Shrub to three feet high; flowers pink.

255129. *VERTICORDIA PLUMOSA* Druce.

Col. No. S-123. Boogingarra to Moora. Shrub to three feet high; flowers in heads, pink to white.

255130. *VERTICORDIA PREISSII* Schau.

Col. No. S-113. 'Yellow Morrison'. Mundagin. Compact two-foot heads of numerous, small, yellow flowers.

255131. *VERTICORDIA ROEI* Endl.

Col. No. S-124. Southern Cross. Shrub to four feet high; heads umbellate; flowers white to cream-colored and red.

255132. *VERTICORDIA SPICATA* F. Muell.

Col. No. S-125. Southeast of Carnamah. Plant to 10 feet high; flowers heads spicate.

255133. *XYLOMELUM OCCIDENTALE* R. Br. Proteaceae.

Col. No. S-126. 'Western Wood Pear'. Coast south of Perth. Small tree or large shrub; leaves white, hollylike when young; flowers white or pink; fruit pearlike.

255134. Undetermined.

Col. No. S-159. Norseman. Shrub to two feet high.

255135. *HIBISCUS* sp. Malvaceae.

Col. No. S-173. Mullewa road, Geraldton. Leaves glaucous; flowers lavender blue, to three inches in diameter.

255136 and 255137. *CITRULLUS LANATUS* (Thunb.) Mansf. Cucurbitaceae. **Watermelon.**

From the Union of South Africa. Seeds presented by the Department of Agriculture, Pretoria, Transvaal. Received Jan. 20, 1959.

255136. Tsamma selection from Nelspruit, Eastern Transvaal.

255137. Large Tsamma type from Pretoria Horticultural Research Station.

255138. CICER ARIETINUM L. Fabaceae. Chickpea.

From India. Seeds presented by the Government Economic Botanist, Uttar Pradesh, Kanpur. Received Jan. 20, 1959.

Selection No. 106. Plants semierect, late maturing; seeds medium-sized brown. Yields 1476-1640 lbs. per acre. Has resistance to gram wilt.

255139. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. Watermelon.

From the Union of South Africa. Seeds presented by the Federal Ministry of Agriculture, Salisbury, Rhodesia and Nyasaland. Received Jan. 21, 1959.

Originally from Northern Transvaal.

255140 and 255141. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Austria. Seeds presented by the Seed Testing Station, Vienna. Received Jan. 21, 1959.

255140. 'Loosdorfer Manfred' (winter-spring type).

255141. 'Tiroler Binkel' (early season), (summer type).

255142. HORDEUM MURINUM L. Poaceae.

From Chile. Seeds collected by W. Q. Loegering, Estacion Experimental de "Rinconada" Chile. Received Jan. 21, 1959.

255143 to 255150.

From Turkey. Seeds presented by the University of Nebraska Faculty in Turkey, United States Operations Mission, Ankara. Received Jan. 21, 1959.

255143 to 255145. AGROPYRON CRISTATUM (L.) Gaertn. Poaceae. Crested wheatgrass.

255143. No. 7003.

255144. No. 57003. Tall growing, rhizomatous.

255145. No. 57003. Short growing, rhizomatous.

255146. AGROPYRON ELONGATUM (Host) Beauv.
No. 6040.

255147. AGROPYRON INTERMEDIUM (Host) Beauv.
No. 57001.

255148 and 255149. AGROPYRON ELONGATUM (Host) Beauv.

255148. No. 57008.

255149. No. 57001.

255150. AGROPYRON sp.
No. 57002.

255151 to 255163.

From Argentina. Seeds presented by the Instituto de Fitotecnica, Castelar. Received Jan. 21, 1959.

255151. HORDEUM BULBOSUM L. Poaceae. Bulbous barley.
La Estanzuela, R.O. del Uruguay.

255152. HORDEUM (hybrid).
Hordeum compressum × *H. stenostachys*. La Estanzuela.

255153. HORDEUM HALOPHILUM Griseb.
Vega de Santa Rosa, San Juan.

255151 to 255163—Continued

255154. *HORDEUM HEXAPLOIDUM* Covas.

Between General Acha and Chacharramendi, La Pampa.

255155. *HORDEUM JUBATUM* L.

Foxtail barley.

La Pampa.

255156 and 255157. *HORDEUM LECHLERI* Schenck.

255156. Chubut.

255157. Pilcaniyeu, Rio Negro.

255158. *HORDEUM MURINUM* L.

Los Juncos, Rio Negro.

255159. *HORDEUM MUTICUM* Presl

Comallo, Rio Negro.

255160. *HORDEUM PARODII* Covas.

Las Plumas, Chubut.

255161. *HORDEUM STEBBINSII* Covas.

Anguil, La Pampa.

255162 and 255163. *HORDEUM STENOSTACHYS* Godr.

255162. Anguil, La Pampa.

255163. Luan Toro, La Pampa.

255164 to 255185.

From Poland. Seeds presented by the Polish Academy of Science, Institute of Plant Breeding, Poznan. Received Jan. 22, 1959.

255164. *ALOPECURUS PRATENSIS* L. Poaceae.

Meadow foxtail.

'Polanowicki'.

255165 to 255167. *ARRHENATHERUM ELATIUS* (L.) Presl Poaceae.

Tall oatgrass.

255165. 'Skrzeszowicki'.

255166. 'Wieclawicki'.

255167. Poznan District.

255168 and 255169. *DACTYLIS GLOMERATA* L. Poaceae.

Orchardgrass.

255168. 'Poznan' (late).

255169. Poznan District.

255170. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

'Nakielska'.

255171. *FESTUCA RUBRA* L.

Poznan District.

255172 to 255174. *LOLIUM MULTIFLORUM* Lam. Poaceae.

Italian ryegrass.

255172. 'Skrzeszowicki'.

255173. 'Szelelyewski'.

255174. Poznan District.

255175. *LOLIUM PERENNE* L.

Perennial ryegrass.

'Wieclawicki'.

255176 and 255177. *LOTUS CORNICULATUS* L. Fabaceae.

Birdsfoot trefoil.

255176. 'Bursztyn'.

255177. 'Skrzeszowicka'.

255164 to 255185—Continued

255178 and 255179. *MEDICAGO SATIVA* var. *VARIA* (Mart.) Urban. Fabaceae. Alfalfa.

255178. 'Miechowska'.

255179. 'Piaskowa SWHN'.

255180 to 255182. *PHLEUM PRATENSE* L. Poaceae. Timothy.

255180. 'Wieclawicka'.

255181. 'Skrzeszowicka'.

255182. 'Szeleyewska'.

255183 and 255184. *TRIFOLIUM PRATENSE* L. Fabaceae. Red clover.

255183. 'Gloria'.

255184. 'Skrzeszowicka'.

255185. *TRIFOLIUM REPENS* L. Whiteclover.

'Podkowa'.

255186. *PRINGLEA ANTISCORBUTICA* R. Br. Brassicaceae. Kerguelen cabbage.

From Cuba. Seeds presented by the Gray Herbarium, Harvard University, Cambridge, Mass. Received Feb. 4, 1959.

255187 to 255192.

From the United States and Canada. Plants growing at the Regional Plant Introduction Station, Geneva, New York. Numbered Jan. 22, 1959.

255187. *VITIS AESTIVALIS* Michx. Vitaceae.

G6277. Collected at the Smith Farm, Junnius, New York. Vine better than average vigor; bark reddish; leaves dull green, lobed, with dull gray veins; resistant to *Phylloxera* spp. and susceptible to leaf spot. Compatible with *V. labrusca*.

255188 to 255192. *VITIS RIPARIA* Michx.

255188. G6274. Collected in Alberta Province, Canada. Vine has poor vigor; leaves lobed; wood matures about the middle of July, very winter-hardy; resistant to *Phylloxera* spp. Compatible with *V. labrusca* and *V. vinifera*.

255189. G6275. 'Urbana #1'. Collected at Hammondsport, New York. Vine very vigorous; leaves three-lobed; wood matures in 120 days, winter-hardy; resistant to *Phylloxera* spp. Compatible with *V. labrusca* and *V. vinifera*.

255190. G6279. Collected near Montreal, Canada. Vine vigorous, branched; bark red; leaves small, three lobed, bright green, serrated with translucent veins; wood matures about July 15, winter hardy; resistant to *Phylloxera* spp.; compatible with *V. labrusca* and *V. vinifera*.

255191. G6280. Collected near Quebec, Canada. Vine with poor vigor, branched; bark red; leaves small, three lobed, bright green, serrated with translucent veins; wood matures about July 15, winter hardy; resistant to *Phylloxera* spp. Compatible with *V. labrusca* and *V. vinifera*.

255192. G6283. 'Geneva #6'. Collected near Geneva, New York. Vine vigor good, branched; bark red; leaves small, five lobed, bright green, serrated with translucent veins; wood matures in 120 days, winter hardy; resistant to *Phylloxera* spp. Compatible with scions of *V. labrusca* and *V. vinifera*. Has grooved vines similar to *V. aestivalis*.

255193. ZEA MAYS L. Poaceae.**Corn.**

From Canada. Seeds presented by the Montreal Botanical Garden, Montreal. Received Jan. 23, 1959.

A selection from P.I. 231227, a yellow flint corn. The selection is a yellow sweet corn, and was separated from Gaspe dwarf corn obtained through the Montreal Botanical Garden.

255194. LOLIUM PERSICUM Boiss. & Hohen. Poaceae.

From Afghanistan. A selection made from a shipment of *Lolium temulentum* received in 1954 from Afghanistan. Numbered Jan. 23, 1959.

Erect, slender annual to 23 inches high; clumps to six inches wide; seeds oblong with long, slender awn.

255195. CITRUS HYSTRIX DC. Rutaceae.

From the Philippines. Seeds presented by the Director of Plant Industry, Manila. Received Jan. 26, 1959.

Slender, spiny tree to 6 meters high; leaves simple, aromatic with broad leaflike petiole; fruit greenish-yellow, becoming yellowish-orange after harvest, oblate, 5.6 cm. long, 6.0 cm. wide, base necked; skin rough; seeds many; juice very sour and slightly bitter.

255196 to 255217.

From Guatemala and Mexico. Tubers collected by J. G. Hawkes, J. P. Hjerting, and R. N. Lester, Birmingham University Plant Collection Expedition to Mexico and Central America, Birmingham, England. Received Jan. 27, 1959.

Collected in Guatemala except where otherwise noted.

255196 and 255197. SOLANUM AGRIMONIFOLIUM Rydb. Solanaceae.

255196. Col. No. 1851. San Andres Chapil, San Marcos. Elevation 2,750 meters. Plant to 2 meters high; tubers produced intermittently along stolons.

255197. Col. No. 1889. Cerro El Quiche, road to Los Encuentros, Department Totonicapan. Elevation 3,300 meters. Tubers hairy.

255198 to 255202. SOLANUM BULBOCASTANUM Dun.

255198. Col. No. 1717. Puebla-Oaxaca road, Mexico 500 km. from Mexico City. Elevation 2,050 meters. In dry bean field.

255199. Col. No. 1719. Near Siete Cabrillas, Mexico, Oaxaca road 475 km. from Mexico City.

255200. Col. No. 1789. Rich clay and humus, junction of Huehuetenango and Pan American Highways, Huehuetenango. Elevation 1,850 meters.

255201. Col. No. 1796. Damp gully, Huehuetenango-Quezaltenango road, five km. south of Malacatancito, Huehuetenango. Elevation 1,800 meters. Plant to 80 cm. high.

255202. Col. No. 1938. Salama-Copan road, 16 miles from Salama, Baja Verapaz. Elevation 1,700 meters. Plants small.

255203. SOLANUM CARDIOPHYLLUM var. ENDOIODANDRUM Bitt.

Col. No. 1729. Pan American Highway between Oaxaca and Mitla, Mexico. Elevation 1,600 meters. Plants small; mother and daughter tubers.

255204 to 255214. SOLANUM CLARUM Correll

255204. Col. No. 1776. Sierra de los Cuchumatanes, 45 km. from Huehuetenango, Huehuetenango. Elevation 3,300 meters. Plants small; tubers deep violet.

255205. Col. No. 1777. Sierra de los Cuchumatanes, 45 km. from Huehuetenango, Huehuetenango. Elevation 3,300 meters. Plants small; berries globular, 7 mm. in diameter; tubers deep violet, to 3 cm. long.

255196 to 255217—Continued**255204 to 255214—Continued**

- 255206.** Col. No. 1778. Sierra de los Cuchumatanes, 45 km. from Huehuetenango, Huehuetenango. Elevation 3,300 meters. Plants to 25 cm. high; tubers deep violet.
- 255207.** Col. No. 1813. Near Quezaltenango border, 35 km. north of Quezaltenango, Totonicapan. Elevation 3,100 meters.
- 255208.** Col. No. 1824. Near Quezaltenango border, 35 km. north of Quezaltenango, Totonicapan. Elevation 3,150 meters.
- 255209.** Col. No. 1827. Near Quezaltenango border, 35 km. north of Quezaltenango, Totonicapan. Elevation 3,200 meters. Plants to 30 cm. high; tubers 2 cm. long; fruits 1.3 cm. in diameter.
- 255210.** Col. No. 1849. Near Quezaltenango border, 35 km. north of Quezaltenango, Totonicapan. Elevation 3,200 meters. Plants with long stolons; tubers 3 cm. long.
- 255211.** Col. No. 1884. Cerro El Quiche, 1.6 km. east of Totonicapan, road to Los Encuentros, Totonicapan. Elevation 3,400 meters.
- 255212.** Col. No. 1894. Cerro El Quiche, road to Los Encuentros, 20 km. from Totonicapan, Totonicapan. Elevation 3,400 meters.
- 255213.** Col. No. 1895. Totonicapan-Los Encuentros road at Km. 143 from Guatemala City. Elevation 3,200 meters.
- 255214.** Col. No. 1909. Above Santa Maria de Jesus, north-facing slope of Volcan de Agua, Sacatepequez. Elevation 2,900 meters.
- 255215 and 255216.** SOLANUM MORELLIFORME Bitt. & Muench.
- 255215.** Col. No. 1802. Forty-eight km. from Quezaltenango road to Huehuetenango, Totonicapan. Elevation 3,000 meters.
- 255216.** Col. No. 1809. Lower slopes of Volcan Santa Maria, Baho, five km. southwest of Quezaltenango, Quezaltenango. Elevation 2,550 meters. Berries 6 mm. in diameters.
- 255217.** SOLANUM VERRUCOSUM Schlecht.
- Col. No. 1780. Sierra de los Cuchumatanes, summit of Cerro Chemal, 45 km. from Huehuetenango, Huehuetenango. Elevation 3,500 meters.

255218 to 255229.

From Great Britain. Plants presented by the John Innes Horticultural Institution, Herts, England. Received Jan. 27, 1959.

- 255218.** FRAGARIA GRANDIFLORA Ehrh. Rosaceae. **Strawberry.**
No. 45.
- 255219.** FRAGARIA MEXICANA Schlecht.
No. 272.
- 255220.** FRAGARIA NILGERRENSIS Schlecht. **Nilghiri strawberry.**
No. 250.
- 255221.** FRAGARIA NIPPONICA Makino
No. 234.
- 255222.** FRAGARIA VESCA L. **European strawberry.**
No. 275. Received as var. *monophylla*, a synonym.
- 255223.** FRAGARIA VESCA var. SEMPERFLORENS (Duchesne) Seringe
No. 283. 'Fructo Alba'.
- 255224.** FRAGARIA VIRIDIS Duchesne
No. 284.

255218 to 255229—Continued255225. *FRAGARIA* sp.

No. 285.

255226 to 255229. *FRAGARIA* (hybrids).**Strawberry.**

255226. No. 258. 'Early Queen'.

255227. No. 287. 'Eszterhazai Export'.

255228. No. 288. 'Eszterhazai Korai'.

255229. No. 345. 'Huxley'.

255230 to 255240.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 8, 1959.

255230. *ANDROPOGON* sp. Poaceae.

Col. No. 17627. Arroyo ways six miles north of Matape, Sonora, Savanilla. Aromatic, thriving perennial to three feet high.

255231. *BOUTELOUA CURTIPENDULA* (Michx.) Torr. Poaceae.**Sideoats grama**

Col. No. 16702. Matape, Sonora. Culms tall.

255232. *BOUTELOUA HIRSUTA* Lag.**Hairy grama.**

Col. No. 17659. Cedros Range, Sonora. Elevation 3,500 feet. Perennial to 1.5 feet high.

255233 and 255234. *BOUTELOUA FILIFORMIS* (Fourn.) Griffiths**Slender grama.**

255233. Col. No. 17602. Near Matape, Sonora. Tufted perennial; culms to 1.5 feet high

255234. Col. No. 17626. Six miles north of Matape, Sonora, Savanilla. Fine-leaved perennial.

255235. *INDIGOFERA* sp. Fabaceae.

Col. No. 17658. Rocky slope, Cedros Range, Sonora. Bushy perennial.

255236. *PANICUM* sp. Poaceae.

Col. No. 17603. Matape, Sonora. Tufted perennial to one foot high.

255237. *CENCHRUS CILIARIS* L. Poaceae.**Buffelgrass.**

Col. No. 17625. Mountain pass eight miles northeast of Matape, Sonora. Elevation 3,000 feet.

255238. *RICINUS COMMUNIS* L. Euphorbiaceae.**Castorbean.**

Col. No. 59. 'Aiguerilla'. Spontaneous along arroyos, San Bernardo, Sonora.

255239. *SORGHUM BICOLOR* (L.) Moench Poaceae.

Col. No. 17663. 'Caxa'. San Bernardo, Sonora. Used like sugarcane.

255240. *VICIA* sp. Fabaceae.

Col. No. 17669. Volcanic rocks, Sierra de Yesora, Sonora. Elevation 5,000 feet. Small spreading bush.

255241 and 255242. *TRIFOLIUM ALEXANDRINUM* L. Fabaceae.**Berseem.**

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Jan. 28, 1959.

255241. C-10. Diploid.

255242. T-578. Tetraploid.

255243 to 255252. PENNISETUM SPICATUM (L.) Willd. Poaceae. Pearl millet.

From India. Seeds presented by the Rockefeller Foundation, New Delhi. Received Jan. 28, 1959.

255243. I.C. 1472. Type 55 Furogpur.

255244. I.C. 1725. United Provinces.

255245. I.C. 1732. Kanpur.

255246. I.C. 2387. Coimbatore.

255247. I.C. 2388. Coimbatore.

255248. I.C. 3484. (No locality.)

255249. I.C. 4592. Rajasthan.

255250. I.C. 4638. Rajasthan.

255251. 'Bajra'. Babapuri, Junagadh.

255252. Bombay State.

255253 to 255256.

From India and Nepal. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Jan. 28, 1959.

255253. FAGOPYRUM ESCULENTUM Moench. Polygonaceae. **Buckwheat.**
Formerly from Bhesa, India.

255254 to 255256. FAGOPYRUM TATARICUM (L.) Gaertn. **Kangra buckwheat.**

255254. I.C. 70. Darjeeling, India.

255255. I.C. 71. Darjeeling, India.

255256. I.C. 2052. Nepal.

255257 to 255267.

From the United States. Plants growing at the United States Plant Introduction Station, Maimi. Numbered Jan. 28, 1959.

Localities given are former sources of material.

255257. ALPINIA PURPURATA (Vieill.) K. Schum. Zingiberaceae.
Puerto Rico, Feb. 16, 1953.

255258. CACTUS HARLOWII Britton & Rose. Cactaceae.
Cuba, Mar. 11, 1955.

255259. COCCOTHRINAX FRAGRANS Burret. Phoenicaceae. **Palm.**
Palmetum, Coconut Grove, July 1, 1957.

255260. DERRIS DALBERGIOIDES Baker. Fabaceae.
Royal Botanical Garden, Peradeniya, Ceylon, Nov. 25, 1957.

255261. DIPADENIA AMOENA T. Moore. Apocynaceae.
Tropical South America, May 24, 1956. Climbing shrub; leaves opposite; flowers large, funnellform, pink, suffused with rose.

255262. EUPHORBIA LEUCOCEPHALA Lotsky. Euphorbiaceae. **Spurge.**
E. A. Menninger, Stuart, Florida, June 26, 1958.

255263. POSOQUERIA MULTIFLORA Lam. Rubiaceae.
Atkins Gardens, Cienfuegos, Cuba, May 30, 1958.

255264. PSEUDOBOMBAX ELLIPTICUM (H.B.K.) Dugand. Bombacaceae.
Atkins Garden, Cienfuegos, Cuba, May 30, 1958.

255257 to 255267—Continued**255265.** *RUELLIA* sp. Acanthaceae.

Brazil, Dec. 1955.

255266. *SYAGRUS* sp. Phoenicaceae.**Palm.**

Cali, Colombia, June 11, 1932. A handsome pinnate-leaved palm to 25 feet high, with strongly arching leaves, well adapted to southern Florida.

255267. *TABEBUIA CHRYSOTRICHA* (Mart.) Standley Bignoniaceae.

Towle, Miami, Florida, Apr. 21, 1958.

255268 to 255299.

From Mexico unless otherwise noted. Collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md., and now growing at the United States Plant Introduction Station, Miami, Florida. Numbered Jan. 19, 1959.

255268. *AGAVE ANGUSTISSIMA* Engelm. Amaryllidaceae.

Col. No. 17640. Carros del Fuerte Sinaloa, 20 miles north of Mochis. Nov. 8, 1958. Plant with single rosettes.

255269 and 255270. *AGAVE CERULATE* Trel.**255269.** Baja California.**255270.** Baja California.**255271.** *AGAVE COLORATA* Gentry

Col. No. 7237. Los Pucheros, Sierra Surotato, Sinaloa. Mar. 17, 1945.

255272. *AGAVE EXPANSA* Jacobi

Col. No. 11328. Highway 395, Fallbrook, Calif. Cespitose or freely suckering plants. Fall 1951.

255273. *AGAVE HUACHUCENSIS* Baker

Col. No. 16642. Sierra de Huachinera, Sonora. May 21, 1957. Elevation 7,500 feet. Plants compact, glaucous gray, broad, closely suckering, rather balled rosettes with stiff leaves.

255274. *AGAVE MITRAEFORMIS* Jacobi

Col. No. 15883. Limestone mesa, two miles northwest of Tehuacan, Puebla. Nov. 13, 1955. Plants broad-leaved.

255275. *AGAVE MURPHEI* Gibson

Boyce Thompson Southwestern Arboretum, Superior, Ariz. Regarded as offsets or bulbils from the original type clone as described in the arboretum collection.

255276. *AGAVE NELSONII* Trel.

Col. No. 10373. San Fernando, Baja California. Apr. 10, 1951. Plants medium size, dusky gray; blades, thick; from two clones, high marginal tubercles.

255277. *AGAVE PRINGLEI* Engelm.

Col. No. 16723. San Matias Pass, Baja California. June 22, 1957. Elevation 3,300 feet. Plants cespitose, green rosettes to 9 feet high; laterals to 15 in upper part of shaft.

255278. *AGAVE SHAWII* Engelm.

Col. No. 12608. Steep seaside slope between Ensenada and Rosarito, Baja California. May 28, 1953.

255279. *AGAVE SISALANA* Perrine**Sisal.**

Col. No. 12224. Ocozoccutla, Chiapas. Sept. 27, 1952.

255268 to 255299—Continued

255280. AGAVE TOUMEYANA Trel.

Col. No. 11623. Fish Creek Canyon, Apache Trail, Ariz. Mar. 6, 1952. Plants of variable size and leaf form; freely suckering rosettes.

255281 and 255282. AGAVE VILMORINIANA Berger

255281. Col. No. 16611. Rio Yaqui, 26 miles northwest of Sahuaripa, Sonora. May 14, 1957. Elevation 1,000 feet. Plant solitary, medium-sized, mostly radial rosettes, a few recurved, varying from yellow-green to green and grayish-green.

255282. Col. No. 16623. Thirteen miles south of Bacamora, Sonora. May 16, 1957. Elevation 2,500 feet. Plants narrow-leaved; leaves sharply deflexed at flowering time; flowers bright yellow; spikes slenderer than in the typical form.

255283. AGAVE sp.

Col. No. 8013. Sierra Charuco, Sonora-Chihuahua boundary. Apr. 17 to 25, 1948. Elevation 5,000 feet. Plant small, filiferous, with paint brush leaves; flowers red, long tubular, during spring and summer.

255284. AGAVE sp.

Col. No. 8332. Zarca Mesa, Chihuahua. Oct. 5, 1958. Elevation 7,000 feet. Plant with compact rosettes; leaves stiff, grayish.

255285. AGAVE sp.

Col. No. 10249. Sierra Charuco, Chihuahua. Mar. 7, 1951. Elevation 5,200 feet. Plant with solitary filiferous rosettes.

255286. AGAVE sp.

Col. No. 15845. Lomas de Chapultepec, D. F. Oct. 28, 1955. Elevation 8,000 feet. Plant large, green, mostly single rosettes; leaves ascending to 3 feet long, 7 inches wide, regularly toothed; panicle narrow, two feet high with about 35 laterals.

255287. AGAVE sp.

Col. No. 16436. Sixteen miles northwest of Tehuantepec, Oaxaca. Mar. 22, 1957. Elevation 500 feet. Reported endemic to this limestone formation, to 3,000 feet elevation. Plant few-leaved, light-gray; rosettes open, with variable small teeth; spikes to 15 feet high, flowering from near the base, pale yellow.

255288. AGAVE sp.

Col. No. 16595. Mazatan, Sonora. May, 1957.

255289. AGAVE sp.

Col. No. 16600. Between Nacori Grande and Matape, Sonora. May 12, 1957. Plants suckering green rosettes; leaves strictly ascending but floppy, to two feet long; teeth distal.

255290. AGAVE sp.

Col. No. 16603. Ahuaje de Pescado, 8 miles east of Matape, Sonora. May 13, 1957. Elevation 2,800 feet. Plants long-leaved; rosettes green; leaves linear, recurved.

255291. AGAVE sp.

Col. No. 16609. Seven miles east of Matape, Sonora. May 13, 1957. Plants suckering, gray-green; leaves short, compact, strictly ascending, floppy.

255292. AGAVE sp.

Col. No. 16612. Rocky cliffs four miles west of Sahuaripa, Sonora. May 15, 1957. Elevation 1,800 feet. Plant rosette green.

255268 to 255299—Continued**255293. AGAVE sp.**

Col. No. 16624. Limestone 15 miles south of Bacanora, Sonora. May 16, 1957. Elevation 3,000 feet. Plant small, gray, suckering rosettes; panicles to nine feet high; five to eight laterals.

255294. AGAVE sp.

Col. No. 16626. Limestone crest of Sierra Murrieta, 15 miles west of Bacanora, Sonora. May 17, 1957. Elevation 4,500 feet. Plants green rosettes; stems short at maturity.

255295. AGAVE sp.

Col. No. 16637. Mountain pass east of Guaesabas, Sonora. May, 1957. Elevation 4,000 feet. Plants medium-sized; rosettes green, developing a slight trunk; leaves straight, rather stiff, to one foot long; spike to nine feet long; flowers yellow.

255296. AGAVE sp.

Col. No. 16733. Chaparral mesa five miles south of Valle Trinidad, Baja California. June 2, 1957. Elevation 3,400 feet. Plants dwarf, cespitose.

255297. AGAVE sp.

(No number.) In garden cultivation, Southern California. Plant dwarf.

255298. AGAVE sp.

(No notes.)

255299. AGAVE sp.

(No notes.)

255300. RUBUS (hybrid). Rosaceae. Raspberry.

From Great Britain. Plants purchased from Hillier & Sons, Winchester, Hants, England. Received Jan. 29, 1959.

'Golden Everest'. A yellow-fruited cultivar.

255301 to 255305. LOTUS CORNICULATUS L. Fabaceae. Birdsfoot trefoil.

From France and Italy. Seeds presented by the University of Michigan, East Lansing, Mich. Received Jan. 29, 1959.

255301 to 255304. Received from the Institut National de la Recherche Agronomique, Versailles, France.

255301. G8431.

255302. G8432. 'Indre-Moulins'.

255303. G8433. 'Indre-Levroux'.

255304. G8434. 'Sartha'.

255305. G8435. Universita Degli Studi di Perugia, Perugia, Italy.

255306. TRITICUM TURGIDUM L. Poaceae. Poulard wheat.

From Italy. Seeds presented by the Institute of Vegetable and Cereal Culture, Bologna. Received Feb. 2, 1959.

255307. NANDINA DOMESTICA Thunb. Berberidaceae.

From the United States. Plant collected at the Missouri Botanical Garden, St. Louis, Missouri. Received Feb. 2, 1959.

A white-fruited cultivar that reportedly comes true from seeds.

255308 to 255311.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Feb. 2, 1959.

255308. *IPOMOEA* sp. Convolvulaceae.

Col. No. 17601. Nacori Chico, Sonora. Climbing vine.

255309. *PHASEOLUS VULGARIS* L. Fabaceae.

Common bean.

Col. No. 17611. Purchased at Bacanora, Sonora.

255310. *SCHIZOCARPUM PALMERI* Cogn. & Rose. Cucurbitaceae.

Col. No. 17654. Macusari Dam, Rio Mayo, Sonora. Vine with yellow flowers.

255311. *SOLANUM SEAFORTHIANUM* Andr. Solanaceae.

Col. No. 17647. Algodones, Sierra Charuco, Sonora. Scandent shrub with bright purple flowers.

255312. *IPOMOEA REPTANS* L. Convolvulaceae.

From Singapore. Seeds presented by the Botanic Gardens, Singapore. Received Feb. 3, 1959.

The aquatic sweetpotato of southern Asia. Usually eaten as boiled greens, although some produce white, sweet, thickened roots.

255313 to 255316. *FRAGARIA* (hybrids). Rosaceae. **Strawberry.**

From Denmark. Plants presented by the Danish State Research Station, Spangsbjerg, Esbjerg. Received Feb. 3, 1959.

255313. 'Hansa'.

255314. 'Oberschlesien'.

255315. 'Spangsbjerg Freja'.

255316. 'Spangsbjerg Rubin'.

255317 and 255318. *SACCHARUM* (hybrids). Poaceae. **Sugarcane.**

From Cuba. Cuttings presented by the Estacion Experimental de la Cana de Azucar, Jovellanos, Matanzas. Received Feb. 3, 1959.

255317. C.540-47.

255318. C.676-47.

255319. *PRUNUS ARMENIACA* L. Amygdalaceae. **Apricot.**

From Turkey. Seedlings growing at the United States Plant Introduction Station, Chico, Calif. Numbered Feb. 3, 1959.

J 3-4. Selection from P.I. 121466, originally received as seed.

255320 to 255324. *SACCHARUM* (hybrids). Poaceae. **Sugarcane.**

From India. Cuttings presented by the Sugarcane Breeding Institute, Coimbatore. Received Feb. 4, 1959.

255320. Co. 625.

255321. Co. 775.

255322. S.E.S. 201.

255323. S.E.S. 315.

255324. S.E.S. 521.

255325. *HEDEOMA FLORIBUNDA* Standl. Menthaceae.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Jan. 26, 1959.

Col. No. 17668. Sierra de Yecora, Sonora. Elevation 14,000 feet. Bushy herb used as "Oregano" for seasoning meat.

255326. AGAVE SCHOTTII Engelm. Amaryllidaceae.

From the United States. Plant collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 9, 1950. Numbered Feb. 5, 1959.

Col. No. 10020. South slope of Catalina Mountain, Mount Lemon Road, Arizona. Elevation 4,000 feet. Plant caespitose; leaves yellowish-green.

255327. OPHIOPOGON INTERMEDIUS D. Don Liliaceae.

From Great Britain. Plant presented by the Royal Botanic Garden, Edinburgh, Scotland. Received Feb. 6, 1959.

255328 to 255330. CAPSICUM FRUTESCENS L. Solanaceae.**Redpepper.**

From Korea. Seeds held at the Agricultural Experiment Station, Clemson, S.C. Numbered Feb. 6, 1959.

Formerly grown at the National Institute of Horticulture, Seoul.

255328. An early, vigorous cultivar, to 93 cm. high; foliage dark green; fruit weight to 7 grams, mild, to 75 per plant, uniform.

255329. A vigorous medium-season cultivar to 83 cm. high; foliage green; fruit weight to 6.5 grams, mild, to 90 per plant, uniform.

255330. A vigorous medium-season cultivar to 76 cm. high; foliage dark green; fruit weight to 6 grams, pungent, to 130 per plant, uniform.

255331 to 255339.

From Kenya. Seeds presented by the Grassland Research Station, Kitale. Received Feb. 6, 1959.

255331 to 255336. PANICUM COLORATUM L. Poaceae.

255331. K52233. A small type of good quality herbage.

255332. K52430. Kisii. A giant form to 6 feet high; probably a polyploid.

255333. K52490. Solai. A standard commercial type. A satisfactory ley grass.

255334. K53743. Kitui District. A creeping form with long runners, low growth.

255335. Annual to 3 feet high; panicles very large, loose. Grows on seasonally water-logged black heavy clays.

255336. Annual to 3 feet high; panicles very large, loose. Grows on seasonally water-logged black heavy clays.

255337. PANICUM MASSAINSE Mez.

Namanga, semi-desert area.

255338. PANICUM POAEOIDES Stapf

Nairobi. Grows in seasonal swamps.

255339. PANICUM TRICHOCLADUM Hack.

K53904. A trailing perennial valued by the Africans as a fodder or for grazing.

255340 to 255343. BRACHIARIA BRIZANTHA (Hochst.) Stapf Poaceae.

From the Union of South Africa. Seeds presented by the Division of Crops and Pastures, Department of Agriculture, Pretoria, Transvaal. Received Feb. 6, 1959.

255340. DL/58/87. Uganda.

255341. DL/58/88. 'Rust der Winter'.

255342. DL/58/89. Rustenburg, Pretoria.

255343. DL/58/90. Belgian Congo.

255344. ILEX AQUIFOLIUM L. Aquifoliaceae. English holly.

From Yugoslavia. Seeds presented by the Faculty of Agriculture, Forestry and Veterinarian Medicine, Ljubljana. Received Feb. 6, 1959. Borovnica. Elevation 2,000 feet.

255345. CUCURBITA MOSCHATA Duchesne Cucurbitaceae. Cushaw.

From Iran. Seeds held at the United States Regional Plant Introduction Station, Geneva, N.Y. Received from Cheyenne, Wyo., in July, 1957.

G 6511 B. Separated from P.I. 141640, *Cucurbita maxima*. Plants vigorous, late maturity, medium prolific; fruit 16 inches long, 11 inches in diameter, smooth, orange, netted; flesh orange.

255346 to 255348.

From Ceylon. Seeds presented by the Department of Agriculture, Peradeniya. Received Feb. 9, 1959.

255346. BRACHIARIA BRIZANTHA (Hochst.) Stapf Poaceae.

255347 and 255348. SORGHUM BICOLOR (L.) Moench Poaceae.

255347. 'Sanpyaung'.

255348. AS-475.

255349 to 255354.

From the Union of South Africa. Seeds presented by the Division of Crops and Pastures, Department of Agriculture, Pretoria, Transvaal. Received Feb. 9, 1959.

Localities given are former sources of material.

255349. ARISTIDA CILIATA Desf. Poaceae.

B/50/31. DL/59/86. 'Gellap Oet'. Pretoria.

255350 and 255351. CHLORIS GAYANA Kunth Poaceae. **Rhodesgrass.**

255350. R 61. U/57/221. DL/59/84. Katambora. Marandellas, Southern Rhodesia.

255351. R 64. U/57/215. DL/59/83. Nzoia. Nakuru, Kenya.

255352 and 255353. DIGITARIA SMUTSII Stent Poaceae.

255352. 19/51. DL/59/80. 'Irene'. Pretoria.

255353. 19/54. DL/59/81. 'Northam'. Pretoria.

255354. SETARIA SPHACELATA (Schum.) Stapf & Hubb. Poaceae.

DL/59/82. 'Kazungula'. Pretoria.

255355 to 255398.

From Yugoslavia. Seeds presented by the University Botany Garden, Ljubljana. Received Feb. 9, 1959.

255355. AGROPYRON LITTORALE Dum. Poaceae.

Primorsko, Istra.

255356. ANTHOXANTHUM ODORATUM L. Poaceae.

Ljubljana.

255357. ANTHYLLIS VULNERARIA L. Fabaceae. **Kidneyvetch.**

Ljubljana.

255358. BROMUS COMMUTATUS Schrad. Poaceae.

Sezana.

255359. CORONILLA CAPPADOCICA Willd. Fabaceae.

255360. DIOSCOREA CAUCASICA Lip. Dioscoreaceae.

255355 to 255398—Continued

255361. *FESTUCA CAPILLATA* Lam. Poaceae. Hair fescue.
Primorsko.
255362. *FESTUCA GIGANTEA* (L.) Vill. Great fescue.
Ljubljana.
255363. *FESTUCA SPECTABILIS* Jan.
Primorsko.
255364. *KOELERIA GRACILIS* Pers. Poaceae.
Ljubljana.
255365. *LATHYRUS ANNUUS* L. Fabaceae.
Istra.
255366. *LATHYRUS CANESCENS* Gren. & Godr.
255367. *LATHYRUS CLYMENUM* L.
255368. *LATHYRUS SATIVUS* L. Grass peavine.
Istra.
255369. *LATHYRUS TINGITANUS* L.
255370. *LATHYRUS VERSICOLOR* (Maly) Beck
Istra.
255371. *LATHYRUS* sp.
255372. *LATHYRUS INCONSPICUUS* L.
255373. *LINUM CATHARTICUM* L. Linaceae.
Ljubljana.
255374. *LOTUS ORNITHOPODIOIDES* L. Fabaceae.
Istra.
255375. *LUPINUS ALBUS* L. Fabaceae. White lupine.
255376. *LUPINUS ANGUSTIFOLIUS* L. Blue lupine.
255377. *LUPINUS HIRSUTUS* L. European blue lupine.
255378. *LUPINUS LUTEUS* L. European yellow lupine.
255379. *LUPINUS POLYPHYLLUS* Lindl. Washington lupine.
255380. *MEDICAGO FALCATA* L. Fabaceae. Yellow-flowered alfalfa.
Istra.
255381. *MEDICAGO LITTORALIS* Rhode ex Loisel.
Istra.
255382. *MEDICAGO MINIMA* (L.) Grufb. Little medic.
Istra.
255383. *MEDICAGO SCUTELLATA* (L.) Mill. Snail medic.
255384. *MEDICAGO TURBINATA* (L.) All.
255385. *MELILOTUS SULCATA* Desf. Fabaceae.
255386. *MOLINIA CAERULEA* (L.) Moench Poaceae.
Ljubljana.
- 255387 and 255388. *ONOBRYCHIS CAPUT-GALLI* (L.) Lam. Fabaceae,
255387. Istra.
255388. (No notes.)
255389. *ORNITHOPUS COMPRESSUS* L. Fabaceae.

255355 to 255398—Continued

- 255390.** OXYTROPIS CAMPESTRIS DC. Fabaceae.
Alpe.
- 255391.** PHLEUM MICHELII All. Poaceae.
Alpe.
- 255392.** SESLERIA ARGENTEA Savi Poaceae.
Istra.
- 255393.** TRIFOLIUM INCARNATUM L. Fabaceae. **Crimson clover.**
- 255394.** TRIFOLIUM MONTANUM L.
Ljubljana.
- 255395.** TRIFOLIUM PRATENSE L. **Red clover.**
Ljubljana.
- 255396.** TRIFOLIUM RUBENS L.
Ljubljana.
- 255397 and 255398.** VICIA ANGUSTIFOLIA var. SEGETALIS (Thuill.) Koch
Fabaceae.
- 255397.** Primorsko.
- 255398.** Primorsko.

255399 to 255428.

From Yugoslavia. Seeds presented by the Experimental Farm Cesenik, near Domzale. Received Feb. 9, 1959.

Collected in the territory of Slovenia.

- 255399 to 255409.** ARRHENATHERUM ELATIUS (L.) Presl Poaceae. **Tall oatgrass.**
- | | |
|-------------------------------|--------------------------------|
| 255399. Strain Nr. 8. | 255405. Strain Nr. 99. |
| 255400. Strain Nr. 32. | 255406. Strain Nr. 118. |
| 255401. Strain Nr. 39. | 255407. Strain Nr. 136. |
| 255402. Strain Nr. 61. | 255408. Strain Nr. 152. |
| 255403. Strain Nr. 78. | 255409. Strain Nr. 164. |
| 255404. Strain Nr. 93. | |
- 255410 to 255415.** DACTYLIS GLOMERATA L. Poaceae. **Orchardgrass.**
- | | |
|-------------------------------|-------------------------------|
| 255410. Strain Nr. 16. | 255413. Strain Nr. 26. |
| 255411. Strain Nr. 22. | 255414. Strain Nr. 31. |
| 255412. Strain Nr. 24. | 255415. Strain Nr. 41. |
- 255416.** FESTUCA ARUNDINACEA Schreb. Poaceae.
Strain Nr. 31.
- 255417 to 255420.** FESTUCA ELATIOR L. **Meadow fescue.**
- | | |
|-------------------------------|--------------------------------|
| 255417. Strain Nr. 40. | 255419. Strain Nr. 78. |
| 255418. Strain Nr. 50. | 255420. Strain Nr. 109. |
- 255421 to 255428.** FESTUCA RUBRA L.
- | | |
|-------------------------------|--------------------------------|
| 255421. Strain Nr. 8. | 255425. Strain Nr. 70. |
| 255422. Strain Nr. 12. | 255426. Strain Nr. 84. |
| 255423. Strain Nr. 24. | 255427. Strain Nr. 99. |
| 255424. Strain Nr. 30. | 255428. Strain Nr. 104. |

255429 and 255430.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Feb. 9, 1959.

255429. *ASTER TANACETIFOLIUS* H.B.K. Asteraceae.

Col. No. 17617. Ten miles southwest of Batuc, Sonora. Diffuse annual with light purple rays and yellow disks.

255430. *ZINNIA LINEARIS* Benth. Asteraceae.

Col. No. 17649. Algodones by Sierra Charuco, Sonora. Elevation 3,200 feet. Small depauperate perennial with bright orange-red rays.

255431 to 255438. *PRUNUS DOMESTICA* L. Amygdalaceae.**Common plum.**

From Great Britain. Scions presented by the National Fruit Trials, Faversham, Kent, England. Received Feb. 10, 1959.

255431. 'Angelina Burdett'. Fruit medium sized, round, reddish purple; flavor excellent. Raised in England about 1850.

255432. 'Brahys Green Gage'. Similar to the 'Old Green Gage', but ripens later.

255433. 'Cox's Emperor'. Fruit large to very large, dual purpose, crimson-red; flesh golden yellow. A good cropper but susceptible to bacterial canker. Raised in England about 1785.

255434. 'Golden Esperen'. Fruit medium sized, oval, golden-yellow with a slight red flush; flesh greenish-yellow; flavor very good. Originated in Belgium about 1840.

255435. 'Late Transparent Gage'. Fruit medium-sized, round, greenish-yellow, juicy; flavor sweet.

255436. 'Laxton's Delight'. Fruit larger, better flavored than 'Denniston's Superb'; heavy cropper. Raised in England in 1913.

255437. 'Laxton's Goldfinch'. Tree, strong-growing, pendulous habit; fruit size medium to large, round, golden-yellow, of fair dessert quality.

255438. 'Royale de Vilvoorde'; 'Jodoigne Green Gage'. A form of 'Old Green Gage', ripening late September.

255439. *CYRTOSPERMA MERKUSII* Schott. Araceae.

From the Philippines. Tubers presented by the University of the Philippines, Central Experiment Station, Laguna. Received Feb. 10, 1959.

255440 to 255457.

From Kenya. Seeds presented by the Grassland Research Station, Kitale. Received Feb. 11, 1959.

255440 to 255454. *CYNODON DACTYLON* (L.) Pers. Poaceae. **Bermudagrass.**
From Kitale unless otherwise indicated.

255440. K51397.

255441. K51405. Outstanding in herbage quality and production; seeding qualities satisfactory.

255442. K51406. Good quality and seed production but not productive.

255443. K51407. Good seeding and herbage quality; not productive.

255444. K51412. Medium in all qualities.

255445. K51415. Quality and production medium; good persistence.

255446. K51424. Good all-round type with very good seed production.

255447. K51426. Outstanding in vigor and herbage quality; seed production medium.

25440 to 255457—Continued**255440 to 255454—Continued**

255448. K51449. Vigorous and of good herbage quality; seeding qualities poor.
255449. K52447. From Kabete, Kenya. Vigorous and of good herbage quality.
255450. K53672. From Kiboko, low, dry, hot country. Fine type; stems numerous, fine, wiry; leaves very numerous, small.
- 255451 to 255454. From Uganda. Large robust type; stolons thick; leaves large.
255451. K54289. 255453. K54301.
255452. K54300. 255454. K54302.
- 255455 to 255457. *CYNODON PLECTOSTACHYUM* (Schum.) Pilg. **Giant stargrass.**
255455. K52350. From the Magadi area.
255456. K56424. From Ngare-Nairobi, Tanganyika.
255457. K57146. From the Magadi area.

255458 and 255459.

From Great Britain. Plant purchased from R. C. Notcutt, Ltd., Suffolk, England. Received Feb. 11, 1959.

255458. *MALUS* (hybrid.) Malaceae. **Crabapple.**
 'Meach'. (*M. sieboldii* × *M. pumila* var. *niedzwetskyana*). This cross was made in 1920 at the Department of Agriculture, Ottawa, Canada. Flowers single, purplish-red; fruit yellow, to 2.5 cm. in diameter. It is inferior to 'Rosybloom' types.
255459. *SALIX* × *SMITHIANA* Willd. Salicaceae. **Willow.**
 (*Salix caprea* × *S. viminalis*).

255460 to 255462. ALLIUM CEPA L. Liliaceae. Onion.

From the Union of Soviet Socialist Republics. Seeds presented by the Gribouskaea Vegetable Breeding Experiment Station, Moscow. Received Feb. 11, 1959.

255460. 'Altaiskii'.
255461. 'Arzamasski 942'.
255462. 'Miachkovski 300'.

255463 to 255465. TRIFOLIUM PANNONICUM Jacq. Fabaceae. Clover.

From Great Britain. Seeds presented by the Chelsea Physic Garden, London, England. Received Feb. 11, 1959.

255463. No. 1.
255464. No. 2.
255465. No. 3.

255466 to 255477.

From Yugoslavia. Seeds presented by the Experimental Farm, Jable, Menges, Slovenia. Received Feb. 11, 1959.

255466. *ARRHENATHERUM ELATIUS* (L.) Presl Poaceae. **Fall oatgrass.**
 X-1. 13.
255467. *DACTYLIS GLOMERATA* L. Poaceae.
 X-10. 4.

255466 to 255477—Continued

255468. *FESTUCA ELATIOR* L. Poaceae. **Meadow fescue.**
X-1. 7.

255469. *FESTUCA RUBRA* L.
X -8. 6.

255470. *LOLIUM PERENNE* L. Poaceae. **Perennial ryegrass.**
X -12. 8.

255471. *LUPINUS ALBUS* L. Fabaceae. **White lupine.**
S-16 'Pflugs Ultra'. Formerly from Germany.

255472 and 255473. *LUPINUS ANGUSTIFOLIUS* L. **Blue lupine.**
255472. S-1. A selection from 'Blaue v. Sengbusch'.

255473. S-8. Local strain.

255474. *LUPINUS CRUCKSHANKSHII* Hook.
S-22.

255475. *LUPINUS LUTEUS* L. **European yellow lupine.**
S-12.

255476 and 255477. *POA PALUSTRIS* L. Poaceae. **Fowl meadowgrass.**
255476. X -4. 3.

255477. X -6. 1.

255478 and 255479. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

From Korea. Seeds presented by D. W. Kim, Seoul. Received Feb. 12, 1959.

255478. 'Daejon Charmi'. An excellent variety; foliage disease resistant; fruits dark; skin smooth; flesh sweet, starchy, salmon-colored.

255479. 'Songwhan Charmi'. Foliage dark green resistant to diseases; fruits rough, skin pale, soft; flesh salmon-colored, sweet, excellent quality.

255480 and 255481.

From the United States. Seeds held in storage at the United States Plant Introduction Station, Geneva, N.Y. Numbered Feb. 12, 1959.

255480. *ALLIUM CEPA* L. Liliaceae. **Onion.**

G 8572B. A selection from P.I. 140347 from Iran. To 10 inches high; bulb 2 inches by 2 inches; yellow neck about 1½ inches long; keeping quality fair.

255481. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**

G 2542B. A selection from P.I. 239980, presented by the Plant Production Branch, FAO, Rome, Italy. Medium type to 14 inches high, 26 inch spread; stems medium leafy; relatively early blooming; heads many, red; medium aftergrowth. Susceptible to powdery mildew, relatively free from mosaic. Formerly from Koutsoufiana, Greece.

255482 to 255488. *THEOBROMA CACAO* L. Sterculiaceae. **Cacao.**

From the British West Indies. Seeds presented by the Cocoa Board, Department of Agriculture, St. Clair, Port-of-Spain, Trinidad. Received Feb. 13, 1959.

255482. ICS-1 × SCA-6. **255486.** SCA-6 × UF-654.

255483. SCA-6 × ICS-6. **255487.** SCA-12 × ICS-1.

255484. SCA-6 × DS-3. **255488.** SCA-12 × ICS-6.

255485. SCA-6 × ICS-39.

255489. SOLANUM ANDIGENUM Juz. & Buk. Solanaceae.

From Ecuador. Seeds presented by the Instituto Inter-Americano de Ciencias Agrícolas, San Jose, Costa Rica. Numbered Feb. 13, 1959.

IAIAS 3321. 'Chola'.

255490 to 255500.

From Bolivia. Seeds presented by the Estacion Experimental del Altiplano, La Paz. Numbered Feb. 13, 1959.

255490. SOLANUM AHANHUIRI Juz. & Buk. Solanaceae.

CEEA 17.

255491. SOLANUM sp.

CEEA 3. 'Damiata'.

255492. SOLANUM sp.

CEEA 11. 'Janko Lloko'.

255493. SOLANUM sp.

CEEA 12. 'Ajipa'.

255494. SOLANUM sp.

CEEA 19. 'Macha Choque'.

255495. SOLANUM sp.

CEEA 110. 'Chiar Imilla'.

255496. SOLANUM sp.

CEEA 135. 'Huaca Nuno'.

255497. SOLANUM sp.

CEEA 163. 'Arekero'.

255498. SOLANUM sp.

CEEA 172. 'Piticana'.

255499. SOLANUM sp.

CEEA 181. 'Auzanca Blanca'.

255500. SOLANUM sp.

CEEA 184. 'Puca Tapla'.

255501 to 255509.

From Argentina. Seeds presented by the Universidad Nacional de Cuyo, Mendoza. Numbered Feb. 13, 1959.

Collected November 10, 1957. From Argentina except where otherwise noted.

255501. SOLANUM ACAULE Bitter Solanaceae.

Brucher 802. Near Tilcara. Elevation 4,000 meters.

255502 to 255506. SOLANUM ANDIGENUM Juz. & Buk.

255502. Brucher 728. Vale Seclantas, Salta. Possible eelworm and drought resistance.

255503. Brucher 741. Vale Cachi, Salta. Possible cold resistance.

255504. Brucher 761. Huichaira, Jujuy.

255505. Brucher 790. Lago Titicaca, Bolivia. Elevation 4,000 meters.

255506. Brucher 795. Ventilla, Bolivia. Elevation 3,000 meters.

255507. SOLANUM sp.

Brucher 762.

255501 to 255509—Continued**255508.** SOLANUM sp.

Brucher 806. Tupiza, Bolivia. Cultivated.

255509. SOLANUM sp.

Brucher 807. Aguadita, Jujuy.

255510 to 255513.

From Paraguay. Plants collected by W. C. Gregory, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Feb. 13, 1959.

255510. ARISTOLOCHIA sp. Aristolochiaceae.

Col. No. 9586. Km. 73, Route 2, Asuncion to Hernandaria. From deep underground rootstocks.

255511. ARISTOLOCHIA sp.

Col. No. 9590. Km. 80, Route 2. From underground rootstock.

255512. ARISTOLOCHIA sp.

Col. No. 9619. 'Pallita'. Arroyo Esteros, south of Itobati. Climbing, woodland type.

255513. ARISTOLOCHIA sp.

Col. No. 9619a. Arroyo Esteros, south of Itobati.

255514 to 255548.

From Mexico. Seeds collected and presented by the Department of Agriculture Science Service, Ottawa, Ontario, Canada. Numbered Feb. 13, 1959.

Collected between July and November, 1957.

255514. SOLANUM BRACHYCARPUM Correll Solanaceae.

CSC 377. 1957. (No data.)

255515 to 255518. SOLANUM BULBOCASTANUM Dun.**255515.** CSC 234. 20 km. east of Mount Punguato, Morelia, Michoacan.**255516.** CSC 300b. Ciudad Guzman, Jalisco.**255517.** CSC 302. Jacona, Michoacan.**255518.** CSC 313. Ciudad Guzman, Jalisco.**255519 to 255521.** SOLANUM CARDIOPHYLLUM Lindl.**255519.** CSC 289 × 290. Interclonal cross from plants collected near Queretaro, Queretaro.**255520.** CSC 371. San Luis Potosi, San Luis Potosi.**255521.** CSC 373. 'Papa Guera'. South of San Luis Potosi, San Luis Potosi.**255522.** SOLANUM JAMESII Torr.

CSC 278. Guadalajara, Jalisco.

255523. SOLANUM MORELLIFORME Bitter & Muench.

CSC 322. Sierra Madre del Este, Oaxaca.

255524. SOLANUM OXYCARPUM Schiede

CSC 323. Sierra Madre del Este, Oaxaca.

255525. SOLANUM PINNATISECTUM Dun.

CSC 222. 22 km. south of Morelia, Michoacan.

255526. SOLANUM POLYTRICHON Rydb.

CSC 356. Highway 45, Frenillo to Sombrerete, Zacatecas.

255514 to 255548—Continued**255527 to 255530.** SOLANUM STENOPHYLLIDIUM Bitt.

Interclonal crosses. Collected between Aguascalientes and Calvillo, Aguascalientes.

255527. CSC 346 × 348.

255528. CSC 347 × 345.

255529. CSC 347 × 348.

255530. CSC 348 × 345.

255531 to 255535. SOLANUM STOLONIFERUM Schlecht.

255531. CSC 300. Carapan-Uruapan Highway, Michoacan.

255532. CSC 334. Guanajuato-Delores Hidalgo road, Guanajuato.

255533. CSC 341. 16 km. north of Leon, Guanajuato.

255534. CSC 366. North of Lagos de Moreno, Jalisco.

255535. CSC 368. San Juan del Rio, Queretaro.

255536 to 255542. SOLANUM TRIFIDUM Correll

255536 to 255541. Interclonal crosses.

255536. CSC 244 × 243. Between Carapan and Uruapan, Michoacan.

255537. CSC 299 × 244. Between Carapan and Uruapan, Michoacan.

255538. CSC 308 × 301. Jalisco.

255539. CSC 308 × 305. Jalisco.

255540. CSC 309 × 311. Nevado de Colima, Jalisco.

255541. CSC 312 × 308. Nevado de Colima, Jalisco.

255542. CSC 460. Km. 48, Carapan-Uruapan highway, Michoacan.

255543 and 255544. SOLANUM VERRUCOSUM Schlecht.

255543. CSC 304. Km. 23, Manzanillo highway, Sinaloa.

255544. CSC 327. Mexico City-Puebla highway.

255545. SOLANUM sp.

CSC 250. Resembles *S. polytrichon*. San Juan del Rio, Queretaro.

255546. SOLANUM sp.

CSC 315. Highway 110, Guadalupe to Jiquilpan.

255547. SOLANUM sp.

CSC 358. Km. 972, Highway 40, Durango to El Salto, Durango.

255548. SOLANUM sp.

CSC 362. Near Las Adjuntas, Durango.

255549. SOLANUM LYCOPERSICOIDES Dunal

From Peru. Seeds collected by M. Rick, Palca, Department Tacua. Numbered Feb. 16, 1959.

Collected Jan. 1957. Elevation 3,000 meters.

255550 and 255551. SACCHARUM (hybrids). Poaceae. **Sugarcane.**

From Hawaii. Cuttings presented by the Hawaiian Sugar Planters Association, Honolulu. Received Feb. 16, 1959.

255550. No. 9233.

255551. No. 9261.

255552 to 255556.

From Yugoslavia. Presented by the Institut de Recherches Agronomiques, Titograd. Received Feb. 16, 1959.

255552. *PRUNUS AMYGDALUS* Batsch Amygdalaceae. **Almond.**
'Cemovski'. Cuttings.

255553 to 255555. *VITIS* (hybrids). Vitaceae. **Grape.**
Cuttings.

255553. 'Kratosija No. K-I-1'.

255554. 'Kratosija No. VIII-14-5'.

255555. 'Razaklija No. VIII-1-12'.

255556. *PONCIRUS TRIFOLIATA* (L.) Raf. Rutaceae. **Hardyorange.**
Seeds.

255557 to 255573.

From Yugoslavia. Seeds presented by the Faculty of Agriculture, Forestry and Veterinarian Medicine, Ljubljana. Received Feb., 1959.

255557. *ALLIUM CEPA* L. Liliaceae. **Onion.**
'Ptujaska'.

255558 to 255562. *BRASSICA OLERACEA* VAR. *CAPITATA* L. Brassicaceae. **Cabbage.**

255558. 'Futosko Zelje'. Coka, Serbia.

255559. 'Kaseljako'. Kosovo. Late ripening.

255560. 'Likorisko'. Bulgaria.

255561. 'Srpaki Melez'. Coka, Serbia.

255562. 'Varazdinsko'. Varazdin.

255563 and 255564. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

255563. 'Aleksinacka'. Aleksinac, Serbia.

255564. 'Kalinkovia'. Bulgaria. Early, high-yielding.

255565 to 255567. *CICHORIUM INTYBUS* L. Cichoriaceae. **Chicory.**

255565. 'Goriski Radic'. Gorica.

255566. 'Radicchio di Treviso'. Treviso.

255567. 'Trzaski Solatnik'. Istra. Leaves green, round, harvested for early spring and summer salad.

255568 and 255569. *LACTUCA SATIVA* L. Cichoriaceae. **Lettuce.**

255568. 'Dalmatinska Ledenka'. Selection from New York lettuce. Suitable to arid regions.

255569. 'Ljubljanska Ledenka'. Synonyms: 'New York Lettuce' and 'Los Angeles Lettuce'.

255570 and 255571. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

255570. 'Cipro'. Slovenia, Selo.

255571. 'Jeruzalemcan'. Jerusalem. Stringless variety, pods yellow.

255572. *VALERIANELLA OLITORIA* (L.) Poll. Valerianaceae. **Cornsalad.**
'Ljubljanski'. Ljubljana.

255573. *PHASEOLUS COCCINEUS* L. Fabaceae. **Scarlet runner bean.**

L-90. 'Beli Turski Fizol'. Open-pollinated.

255574. *GOSSYPIUM* (hybrid). Malvaceae. **Cotton.**

From France. Seeds presented by the l'Institut de Recherches du Cotton et des Textiles Exotiques, Paris. Received Feb. 17, 1959.

Collected at Nuki-Hiva, Marquesas Islands, January, 1959.

255575. GOSYPIUM (hybrid). Malvaceae. Cotton.

From Cuba. Seeds presented by C. L. Leinweber, Oklahoma State University of Agriculture and Applied Science, Stillwater, Oklahoma. Received Feb. 17, 1959.

Southern tip of Guantanamo Bay.

255576 to 255579. CARTHAMUS TINCTORIUS L. Asteraceae. Safflower.

From Iran. Seeds presented by the United States Operations Mission, Teheran. Received Feb. 17, 1959.

255576. No. 1. Fariman.

255577. No. 2. Village about 2 km. north of Gonabad.

255578. No. 3. Village of Kharve in the Neyshapour area.

255579. No. 4. Neyshapour.

255580 and 255581.

From the United States. Seeds held at the Regional Plant Introduction Station, Geneva, N.Y. Numbered Feb. 17, 1959.

255580. ALLIUM PORRUM L. Liliaceae. Leek.

G5897B. Component of P.I. 234595, *Allium cepa*, from Australia in 1957. Vigor poor; bulbs 0.7" by 0.6", tapered; keeping quality poor; free from thrip damage.

255581. BRASSICA OLERACEA VAR. CAPITATA L. Brassicaceae. Cabbage.

G4468B. Component of P.I. 226504, *Brassica oleracea* var. *botrytis* from Iran in 1955. Plant of medium vigor, to 22 inches high and 31 inches wide; leaves large; head ovoid, 10 inches by 8 inches, medium solid; susceptible to downy mildew.

255582. ALLIUM sp. Liliaceae.

From Egypt. Seeds presented by the Department of Agriculture, Cairo. Received Feb. 17, 1959.

255583 to 255585.

From Greece. Seeds presented by the Ministry of Agriculture, Athens. Received Feb. 18, 1959.

255583. PINUS HELDREICHII VAR. LEUCODERMA (Ant.) Markgr. Pinaceae.
Malakassion mountain, Pindos. Elevation 1,550 meters.

255584. PINUS NIGRA Arnold
Forest, Kerassovon, Konitza. Elevation 1,200 meters. Austrian pine.

255585. PINUS SYLVESTRIS L.
Kataphygon Forest, Kozani District. Elevation 900 meters. Scotch pine.

255586. PRUNUS ARMENIACA L. Amygdalaceae. Apricot.

From Israel. Scions presented by the Ministry of Agriculture, Hakirya. Received Feb. 18, 1959.

'Canino'. Spanish variety introduced into Israel by way of Morocco. Trees prolific, yielding to 100 kg. per tree; fruits large, ripening the end of May; ship well.

255587. FRAGARIA (hybrid). Rosaceae. Strawberry.

From Poland. Seeds presented by the Research Institute of Pomology, Szczawno Zdrof. Received Feb. 18, 1959.

'Rugia'.

255588 to 255590. THEOBROMA CACAO L. Sterculiaceae. Cacao.

From Ecuador. Seeds presented by H. Kjellander, Hacienda Clementina, Guayaquil. Received Feb. 19, 1959.

255588. SCA 6 × ICS I.

255589. SCA 6 × IMC 67.

255590. SCA 12 × S 62.

255591 and 255592. VITIS VINIFERA L. Vitaceae. European grape.

From France. Cuttings presented by the Ecole Nationale d'Agriculture, Montpellier. Received Feb. 24, 1959.

255591. 'Seyve-Villard 20.366' (4a4).

255592. 'Seyve-Villard 39.639' (3s9).

255593 to 255596.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Feb. 25, 1959.

255593. *BORONIA LATIPINNA* J. H. Willis Rutaceae.

Col. No. S-305. End of Sundial road, Grampians, Western Australia. Open shrub to 8 feet high; branches few; leaves pinnate, dark green; flowers white or pale pink, waxy, about one-half inch wide.

255594. *BORONIA INORNATA* Turcz.

Col. No. S-445. Chauncey Line, South Australia. Thin shrub to 4 feet high; flowers pink.

255595. *PHEBALIUM GLANDULOSUM* Hook. Rutaceae.

Col. No. S-306. A. E. Lindner's garden, Vectis South, Victoria, Western Australia. Diffuse shrub to 3 feet high; leaves bright green, tuberculate; flowers golden yellow, in small umbels.

255596. *PHEBALIUM PUNGENS* Benth.

Col. No. S-493. Near Coonalpyn. Shrub to 3 feet high; flowers white, resembling *Eriostemon*.

255597. PRUNUS PERSICA (L.) Batsch Amygdalaceae. Peach.

From the Union of South Africa. Scions presented by the Western Province Research Station, Stellenbosch. Received Mar. 11, 1959.

'Walgant'. An early peach. Fruit round with a very slight point; skin yellow, no bloom, but hairy; flesh yellow; stone medium-size. Resistant to delayed foliation and common diseases. Fruit has excellent canning qualities.

255598. PRUNUS AMYGDALUS Batsch Amygdalaceae. Almond.

From Iran. Scions presented by the Agriculture Department, Shiraz. Received Feb. 25, 1959.

Collected in the village of Joshnian, Bayanat District, 244 km. from Shiraz. Annual bearer as flowers are produced in 3 flashes allowing buds to escape late frosts. Quality and quantity is good.

255599 to 255604.

From Australia. Scions presented by H. E. Franklin, Posieros, Queensland. Received Feb. 25, 1959.

255599. *MALUS SYLVESTRIS* Mill. Malaceae. **Common apple.**

GDWF1. An open pollinated seedling of 'Golden Delicious', believed to have 'Williams Favorite', as pollen parent. Tree vigorous, a lateral and spur bearer of large size; fruits firm, color deep red, similar in shape to 'Jonathan'; flavor good, keeping and handling quality excellent, ripens 3-4 weeks ahead of 'Jonathan'; resistant to drought, heat and powdery mildew.

255559 to 255604—Continued**255600.** *PYRUS COMMUNIS* L. Malaceae.**Pear.**

'Sensation Red Bartlett'. Similar to 'Bartlett' in habits of growth, flavor and ripening season, but otherwise superior; skin deep red; flesh white, fine-grained.

255601 to 255604. *PRUNUS PERSICA* (L.) Batsch Amygdalaceae. **Peach.**

255601. BMQ1; 'Blackburn' × 'May Queen'. Tree vigorous; fruit round, highly colored, yellow ground almost entirely overlaid with crimson, to 3.5 inches in diameter; ripens 6.5 weeks ahead of 'Elberta'; flesh firm, yellow; stone semifree.

255602. HNQ1; 'J. H. Hale' × 'May Queen'. Tree vigorous, fruit yellow, 50 percent red overlay, round, to three inches in diameter; flesh firm, yellow, well colored; stone semifree.

255603. HHMQ1; 'Halehaven' × 'May Queen'. Tree vigorous, fruits highly colored, yellow overlaid with red, to 2.5 inches in diameter; flesh firm, yellow; stone semifree; 8-9 weeks before 'Elberta', 7-10 days before 'Mayflower'.

255604. HHMQ2; 'Halehaven' × 'May Queen'. Tree vigorous; fruit round, deep red, to three inches in diameter; flesh firm, yellow; freestone; ripens 6.5 weeks before 'Elberta'.

255605 to 255620. *PYRUS COMMUNIS* L. Malaceae.**Pear.**

From France. Scions presented by the Research Station for Horticulture, Angers. Received Feb. 26, 1959.

255605. 'Amiral Gervais'.**255613.** 'Le Nain Vert'.**255606.** 'Belle Guerandise'.**255614.** 'Madame Boutant'.**255607.** 'Beurre Dubuissan'.**255615.** 'Marianne de Millepieds'.**255608.** 'Beurre Vauban'.**255616.** 'Napoleon'.**255609.** 'Bon Chretien d'Hiver'.**255617.** 'Rene Dunan'.**255610.** 'Doyonne Flor Aine'.**255618.** 'Saigneur Espeien'.**255611.** 'Favorite Morel'.**255619.** 'Saint Michel Archange'.**255612.** 'Hebe'.**255620.** 'Zephirin Gregoire'.**255621.** *ASPARAGUS SPRENGERI* Regel Convallariaceae.**Sprenger asparagus.**

From Puerto Rico. Seeds presented by the Federal Experiment Station, Mayaguez. Received Feb. 26, 1959.

Vigorous vine to 10 feet high with spiny stems.

255622 to 255636.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Feb. 26, 1959.

255622. *ARCHONTOPHOENIX ALEXANDRAE* (F. Muell.) Wendl. & **Drude**
Phoenicaceae. **Palm.**

Col. No. S-560. Brisbane Botanical Garden, Brisbane, Queensland.

255623. *BORONIA LEDIFOLIA* J. Gay Rutaceae.

Col. No. S-645. G. W. Althofer, Dripstone, New South Wales. Shrub to three feet high; flowers showy, pink, not fragrant.

255624. *BORONIA MUELLERI* Cheel

Col. No. S-216. Donated by Nigel Quick, Toorak, Victoria. Shrub to eight feet high; flowers pink, star shaped.

255625. *BORONIA PILOSA* Labill.

Col. No. S-567. Brisbane Botanical Garden.

255622 to 255636—Continued**255626.** *BORONIA* sp.

Col. No. S-531. Great Northern highway, 70 miles north of Perth, Western Australia. Shrub to 12 inches high; foliage succulent grayish-green; flowers pink.

255627. *CARPENTARIA ACUMINATA* Becc. Phoenicaceae. **Palm.**

Col. No. S-556. Brisbane Botanical Garden. Slender palm. Rare.

255628. *CORREA BAUERLENII* F. Muell. Rutaceae.

Col. No. S-460. Royal Botanic Gardens, Melbourne, Victoria. Spreading shrub to 8 feet high; leaves ovate, dark glossy green, glandular dotted; flowers greenish-white, pendulous, about 1.5 inches long.

255629. *CORREA SPECIOSA* Ait.

Col. No. S-413. Adelaide Botanical Garden, Adelaide, South Australia. Shrub to five feet high; leaves dark green, elliptic; flowers greenish-cream.

255630. *FLINDERSIA BRATLEANA* F. Muell. Rutaceae.

Col. No. S-589. Brisbane Botanical Garden. Tall tree; flowers white, in large clusters.

255631. *FLINDERSIA XANTHOXYLA* Domin

Col. No. S-572. Brisbane Botanical Garden. Much-branched tree to 100 feet high; leaves pinnate; flowers in panicles.

255632. *GEIJERA MUELLERI* Benth. Rutaceae.

Col. No. S-559. Brisbane Botanical Garden. Tree to 20 feet high; flowers small, white.

255633. *GEIJERA PARVIFLORA* Lindl.

Col. No. S-347. 'Wilga'. Adelaide Botanical Garden. Tree to eight feet high; leaves aromatic when crushed; flowers small, white.

255634. *GELEZNOWIA CALYCINA* Benth. Rutaceae.

Col. No. S-646. G. W. Althofer, Dripstone, New South Wales. Shrub to three feet high; flowers yellow, showy.

255635. *LIVISTONA DECIPIENS* Beccari Phoenicaceae. **Palm.**

Col. No. S-624. Brisbane Botanical Garden.

255636. *LIVISTONA HUMILIS* R. Br. **Palm.**

Col. No. S-576. Brisbane Botanical Garden. Palm to eight feet high.

255637. *CARTHAMUS LANATUS* L. Asteraceae.

From Afghanistan. Collected by the Research and Education Program of the University of Wyoming, United States Operations Mission, Kabul. Received Feb. 26, 1959.

255638 to 255641.

From Afghanistan. Seeds collected by P. F. Knowles, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Feb. 27, 1959.

255638. *CLEOME* sp. Capparidaceae.

Col. No. K-1793. Kabul River between Glaulbahar and Nadjerah.

255639. *CENTAUREA* sp. Asteraceae.

Col. No. K-1797. Twenty miles southeast of Glaulbahar. Plant to 18 inches high.

255640. *BIXA ORELLANA* L. Bixaceae. **Anatto-tree.**

Col. No. K-1803. Collected in Honduras.

255638 to 255641—Continued

255641. (Undetermined.)

Col. No. K-1796. Twenty-six miles west of Ghazni. Plant to 18 inches high.

255642 to 255658.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Mar. 2, 1959.

Presented by the Sydney Botanic Gardens, Sydney, New South Wales.

255642. *ACACIA COLLETTIOIDES* A. Cunn. Mimosaceae.

Col. No. S-693.

255643. *EUCALYPTUS CODONOCARPA* Blakely & McKie Myrtaceae.

Col. No. S-684.

255644. *EUCALYPTUS DIVES* Schauer

Col. No. S-682.

255645. *EUCALYPTUS EXIMIA* Schauer

Col. No. S-685.

255646. *EUCALYPTUS LAEVOPINEA* R. T. Baker

Col. No. S-683.

255647. *EUCALYPTUS LONGIFOLIA* Link

Woollybutt.

Col. No. S-679.

255648. *EUCALYPTUS SCOPARIA* Maiden

Col. No. S-681.

255649. *EUCALYPTUS SMITHII* R. T. Baker

Col. No. S-680.

255650. *EUCALYPTUS VIRIDIS* R. T. Baker

Col. No. S-678.

255651. *MYOPORUM DESERTII* Cunn. Myoporaceae.

Col. No. S-687.

255652. *PARROTIA PERSICA* (DC.) Meyer Hamamelidaceae.

Col. No. S-686.

255653. *PERSOONIA ACEROSA* Sieber Proteaceae.

Col. No. S-688.

255654. *PERSOONIA ANGULATA* R. Br.

Col. No. S-690.

255655. *PERSOONIA CALEYI* R. Br.

Col. No. S-689.

255656. *PERSOONIA LINEARIS* Andr.

Col. No. S-692.

255657. *PERSOONIA PINIFOLIA* R. Br.

Col. No. S-691.

255658. *PHALERIA CHERMSIDEANA* C. T. White Thymelaeaceae.

Col. No. S-694.

255659. COFFEA ARABICA L. Rubiaceae. Arabian coffee.

From Ethiopia. Seeds presented by the Coffee Development Project, Addis Ababa. Received Mar. 3, 1959.

'BE-14-Loulo'. Collected at 1,800 meters elevation near Yrga Ciaffie. Leaf leathery; midrib prominent both ventrally and dorsally; axillary glands dominant; fruit waxy in appearance after drying; epidermis especially tough. Unlike other 'Sidamo' coffees.

255660 to 255665.

From Afghanistan. Seeds collected by P. F. Knowles, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Mar. 2, 1959.

255660 and 255661. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

255660. Col. No. K-1799. Herat bazaar. Fruit to three inches long; bright red.

255661. Col. No. K-1801. Herat.

255662. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. Watermelon.

Col. No. K-1800. Herat Province. Fruits to 24 inches long, cylindrical; flesh whitish to pinkish, sweet; rind medium-thick.

255663. CUCUMIS MELO var. FLEXUOSUS (L.) Naud. Cucurbitaceae.

Col. No. K-1802. Collected in Iran.

255664. ERUCA SATIVA Mill. Brassicaceae. Rocket-salad.

Col. No. K-1791. 'Turbak'. Charikar bazaar.

255665. LACTUCA sp. Cichoriaceae.

Col. No. K-1785. Twenty km. north of Kabul. Plants to six feet high

255666 to 255722.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Mar. 2, 1959.

From Victoria unless otherwise noted.

255666. ACACIA CALAMIFOLIA Sweet Mimosaceae.

Col. No. S-301. A. E. Lindner's garden, Vectis South. Dense symmetrical shrub to four feet high; phyllodes light green, to four inches long; flowers bright yellow.

255667. ACACIA JONESII Muell. & Maid.

Col. No. S-430. Miss Alison Ashby's garden, South Australia. Shrub to four feet high; flowers golden-yellow.

255668. ACACIA SOPHORAE var. SOPHORAE (Labill.) R. Br.

Col. No. 230. State Forest Nursery, Wail. Tree to 15 feet high; branches sometimes pendulous; foliage yellow-green, dense; flowers bright yellow; good ground cover, especially on coastal sand dunes; withstands wind-pruning.

255669. ACACIA MYRTIFOLIA (Sm.) Willd.

Col. No. S-456. B. Schubert's garden, Noble Park. Spreading shrub to three feet high and four feet across; phyllodes yellow-green, ovate, about one inch long; flowers pale yellow.

255670. ACACIA NOTABILIS F. Muell.

Col. No. S-231. State Forest Nursery, Wail. Spreading shrub to six feet high; phyllodes yellow-green, to six inches long; flowers large, golden yellow. For limestone or sandy regions with annual rainfall of 15 to 25 inches.

255666 to 255722—Continued

255671. *ACACIA PYCNANTHA* Benth.

Golden wattle.

Col. No. S-309. 'Golden Wattle'. A. E. Lindner's garden, Vectis South. Spreading tree to 15 feet high; branches somewhat pendulous; foliage yellow-green; phyllodes to eight inches long, about 0.5 inch wide; flowers deep yellow large.

255672. *ACACIA RUPICOLA* F. Muell.

Col. No. S-239. Mount Arapiles. Spreading shrub to six feet high, appearing as though varnished; flowers bright yellow; inflorescence globular.

255673. *ACACIA STRICTA* (Andr.) Willd.

Col. No. S-246. One-half mile south from Montrose, Dandenong Ranges. Shrub to six feet high; phyllodes linear-lanceolate, usually dark green; with a varnished appearance; flowers pale yellow.

255674. *ACACIA* sp.

Col. No. S-428. F. C. Payne's garden, Athelstone, South Australia. Spreading shrub to three feet high.

255675. *AGONIS MARGINATA* Schau. Myrtaceae.

Col. No. S-477. Miss Alison Ashby's garden, Blackwood, South Australia. Tall shrub; young branches with soft silky hairs; flowers white in terminal or axillary clusters.

255676. *BRACHYCOME MULTIFIDA* DC. Asteraceae.

Col. No. S-297. Western slopes, near summit of Dandenong Ranges. Sub-shrub to 12 inches high; leaves very finely divided; flowers pale blue, sometimes white; flower heads about 0.75 inches wide.

255677. *BRUNONIA AUSTRALIS* J. E. Smith Goodeniaceae.

Col. No. S-452. One-half mile south of Montrose, Dandenong Ranges. Small herbaceous plant; leaves in a rosette, soft rather woolly, to three inches long and one inch wide; flowers cobalt-blue in compact spherical heads.

255678. *CALLISTEMON CITRINUS* (Curtis) Skeels Myrtaceae.

Lemon bottlebrush.

Col. No. S-473. Miss Alison Ashby's garden, Blackwood, South Australia. Shrub to eight feet high; flowers red.

255679. *CALLISTEMON LINEARIS* DC.

Col. No. S-471. Miss Alison Ashby's garden, Blackwood. Shrub to eight feet high; stamens dark or light red, sometimes greenish.

255680. *CALLISTEMON PACHYPHYLLUS* Cheel

Col. No. S-500. Miss Alison Ashby's garden, Blackwood, South Australia. Shrub to 10 feet high; flowers showy, large, red.

255681. *CALLISTEMON PHOENICEUS* Lindl.

Col. No. S-446. Miss Alison Ashby's garden, South Australia. Shrub to 10 feet high; flowers brilliant red.

255682. *CALLISTEMON PINIFOLIUS* (Wendl.) DC.

Col. No. S-243. A. E. Lindner's garden, Vectis South. Decumbent shrub to seven feet high; leaves almost terete, to five inches long; flowers yellow-green; spikes to three inches long.

255683. *CALLISTEMON SALIGNUS* (J. E. Sm.) Sweet

Col. No. S-427. Collected by Adelaide Botanic Garden, Adelaide, South Australia.

255684. *CALLISTEMON TERETIFOLIUS* F. Muell.

Col. No. S-472. Spreading shrub to six feet high; leaves terete; flowers red.

255666 to 255722—Continued

255685. *CALOTHAMNUS GILESII* F. Muell. Myrtaceae.

Col. No. S-466. A. E. Lindner's garden, Vectis South. Erect shrub to five feet high and three feet across; leaves terete, to five inches long; flowers red.

255686. *CASSIA BICAPSULARIS* L. Caesalpiniaceae.

Col. No. S-227. State Forest Nursery, Wail. Glabrous shrub to ten feet high; flowers few in axillary racemes, bright yellow.

255687 and 255688. *CASUARINA STRICTA* Ait. Casuarinaceae.

255687. Col. No. S-221. State Forest Nursery, Wail. Tree to 30 feet high; branches pendulous; leaves minute; cones to 2.5 inches long.

255688. Col. No. S-435. 'Sheoak'. Round-headed tree to 20 feet high, branches drooping. Donated by Adelaide Botanic Gardens, Adelaide, South Australia.

255689. *CLEMATIS MICROPHYLLA* DC. Ranunculaceae.

Col. No. S-495. Roadside near Coonalpyn, South Australia.

255690. *DAVIESIA BREVIFOLIA* Lindl. Fabaceae.

Col. No. S-467. Serra Road, eastern slopes of Serra Range, Grampians. Diffuse shrub to four feet high, almost leafless; flowers deep blood-red.

255691. *ENCHYLAENA TOMENTOSA* R. Br. Chenopodiaceae.

Col. No. S-483. Coonalpyn, South Australia. Very low-spreading plant; foliage gray; fruits red or yellow.

255692 and 255693. *EPACRIS IMPRESSA* Labill. Epacridaceae.

255692. Col. No. S-307. Near southern end of Mount Arapiles. Robust diffuse shrub to three feet high; leaves crowded, to one inch long; flowers pink to red, large.

255693. Col. No. S-463. Straggly shrub to five feet high; flowers reddish pink.

255694. *EREMAEA BEAUFORTIODES* Benth. Myrtaceae.

Col. No. S-448. F. C. Payne's garden, Athelstone, South Australia. Shrub to five feet high; flowers in showy heads, bright orange.

255695. *EREMAEA EBRACTEATA* F. Muell.

Col. No. S-242. A. E. Lindner's garden, Vectis South. Shrub to four feet high; leaves small, rigid; flowers mauve to purple, in clusters.

255696. *EUCALYPTUS ANGULOSA* Schauer Myrtaceae.

Col. No. S-478. Collected near Coonalpyn, South Australia. Stems whitish; foliage dark green, coarse; flowers white.

255697. *EUCALYPTUS BAXTERI* (Benth.) Maid. & Blakely

Col. No. S-485. Near Coonalpyn, South Australia. Tree to 15 feet high; bark stringy; flowers white.

255698. *EUCALYPTUS REGNANS* F. Muell.

Col. No. S-245. Southern slopes of Dandenong Ranges, near Sassafra. Tree to 300 feet high and to 12 feet in diameter; bole to 150 feet, clear and straight; bark peeling in long narrow strips, light brown to gray; leaves glossy green, lanceolate to ovate; flowers white or creamy-white. Best hardwood tree in Australia; grows to six feet in a year.

255699. *GREVILLEA ASPLENIFOLIA* R. Br. Proteaceae.

Col. No. S-286. B. Schubert's Nursery, Noble Park. Spreading shrub or tree to 15 feet high; leaves linear-lanceolate, to 10 inches long; flowers pink to red, in simple one-sided racemes.

255666 to 255722—Continued

255700. GREVILLEA ILICIFOLIA R. Br.

Col. No. S-450. Chauncey Line, South Australia. Shrub to six feet high; foliage hollylike; flowers red.

255701. GREVILLEA OLEOIDES var. DIMORPHA (F. Muell.) Benth.

Col. No. S-241. Southern end of Grampians. Open shrub to eight feet high; leaves to four inches long; flowers bright red.

255702. GREVILLEA PRITZELII Diels

Col. No. S-302. A. E. Lindner's garden, Vectis South. Shrubby plant to six feet high; leaves to three inches long, linear, mostly simple; flowers white, black, and green; perianth white; style black; stigma green.

255703. HAKEA GIBBOSA (Smith) Cav. Proteaceae.

Col. No. S-469. Miss Alison Ashby's garden, Blackwood, South Australia. Shrub to 12 feet high; leaves sharply pointed; flowers white or cream-colored.

255704. HAKEA NODOSA R. Br.

Col. No. S-479. F. C. Payne's garden, Athelstone, South Australia. Shrub to six feet high; leaves terete; flowers minute, yellow, in axillary clusters.

255705. HELICHRYSUM BRACTEATUM (Vent.) Willd. Asteraceae.

Col. No. S-429. Julia Range, South Australia. Annual or biennial to four feet high; flowers golden-yellow.

255706 and 255707. INDIGOFERA AUSTRALIS Willd. Fabaceae.

255706. Col. No. S-233. Mount Arapiles. Spreading, diffuse shrub to six feet high; leaves pinnate; leaflets to one inch long; flowers mauve-blue, delicate.

255707. Col. No. S-455. Mount Dandenong, near summit. Spreading diffuse shrub to six feet high; leaves pinnate; leaflets to one inch long; flowers mauve-blue, delicate.

255708 and 255709. LASIOPETALUM DASYPHYLLUM Sieb. Sterculiaceae.

255708. Col. No. S-299. A. E. Lindner's garden, Vectis South. Shrub to 15 feet high; young branches and lower surface of leaves rusty tomentose; flowers in dense cymose clusters.

255709. Col. No. S-499. F. C. Payne's garden, Athelstone, South Australia. Shrub to four feet high; leaves rusty, tomentose; flowers greenish.

255710. LEPTOSPERMUM PUBESCENS Lam. Myrtaceae.

Col. No. S-228. State Forest Nursery, Wail. Shrub or tree to 10 feet high; flowers white, large.

255711. MELALEUCA DEANEI F. Muell. Myrtaceae.

Col. No. S-434. Collected by Adelaide Botanic Garden, Adelaide, South Australia. Shrub to eight feet high; flowers in cylindrical spikes to two inches long.

255712. MELALEUCA ERICIFOLIA Sm.

Col. No. S-218. State Forest Nursery, Wail. Erect shrub to six feet high; flowers small, white.

255713. MELALEUCA FULGENS R. Br.

Col. No. S-426. Shrub to seven feet high; flowers red, gold-tipped.

255714. MELALEUCA HUEGELII Endl.

Col. No. S-454. A. E. Lindner's garden, Vectis South. Erect shrub to six feet high; branches spreading; leaves sessile, ovate to ovate-lanceolate, less than 0.25 inch long; flowers in dense spikes to three inches long, white.

255666 to 255722—Continued

255715 and 255716. *MELALEUCA MICROMERA* Schauer

255715. Col. No. S-287. A. E. Lindner's garden, Vectis South. Spreading shrub to eight feet high; branches many, short; leaves minute; flowers in dense clusters.

255716. Col. No. S-288. A. E. Lindner's garden, Vectis South. Spreading shrub to eight feet high; branches short, many; leaves minute; flowers in dense clusters.

255717. *MELALEUCA STEEDMANII* C. A. Gardn.

Col. No. S-475. F. C. Payne's garden, Athelstone, South Australia. Shrub to five feet high; flowers brilliant red.

255718. *MELALEUCA WILSONII* F. Muell.

Col. No. S-220. State Forest Nursery, Wail. Spreading shrub to five feet high; foliage and branches dense; flowers mauve or purple.

255719. *MELALEUCA* sp.

Col. No. S-476. Miss Alison Ashby's garden, Blackwood. Small shrub; flowers pink.

255720. *OLEARIA ARGOPHYLLA* (Labill.) F. Muell. Asteraceae.

Col. No. S-296. Monbulk State Forest, 25 miles east of Melbourne. Spreading tree to 20 feet high; leaves ovate, downy on lower surface; flower heads clustered, white.

255721. *STYPHELIA* sp. Epacridaceae.

Col. No. S-451. One mile west of Halls Gap, Grampians. Compact spreading shrub to four feet high; upright branches; leaves dense, somewhat pressed against the stems; flowers golden-yellow.

255722. *VIOLA HEDERACEA* Labill. Violaceae. **Violet.**

Col. No. S-468. Near summit of Mount Dandenong. Plant to three inches high; flowers white and dark blue.

255723 to 255726. *CITRUS* (hybrids). Rutaceae.

From Puerto Rico. Scions presented by the Agriculture Extension Service, University of Puerto Rico, Rio Piedras. Received Mar. 2, 1959.

(*C. sinensis* × *C. paradisi*). Apparently a natural cross which was developed from a nucellar embryo because there is very little, if any, difference between the parent and the seedlings. Fruits are borne singly, on ends of branches and compare in size with grapefruit, shape globose to pyriform; rind much like a grapefruit in aroma and color. The inner white pulp is not bitter; segments nine to eleven, adhere only slightly to the rind. The mild-flavored sweet juice is neither acid nor bitter but combines the flavor of the orange and grapefruit.

255723. 'Chironja M-1'.

255725. 'Chironja M-3'.

255724. 'Chironja M-2'.

255726. 'Chironja T-1'.

255727 and 255728. *SACCHARUM* (hybrids). Poaceae. **Sugarcane.**

From Venezuela. Cuttings presented by the Centro de Investigaciones Agro-nomicas, Caracas. Received Mar. 3, 1959.

255727. 'Carmeleta 19-2-59'.

255728. 'Salangore 19-2-59'.

255729 to 255733. *FRAGARIA VESCA* L. Rosaceae.**European Strawberry.**

From Sweden. Plants presented by Bertil Hylmo, Bjuv. Received Mar. 3, 1959.

255729. F-12.; 'Finn'. Fruit large; Swedish freezing variety.

255729 to 255733—Continued

255730 to 255733. Bred in Germany. Fruit firm, suited for freezing.

255730. F-24.; 'Senga 54'.

255731. F-32.; 'Senga 145'.

255732. F-33.; 'Senga 146'.

255733. F-38.; 'Senga Sengana'. Extremely good cropper.

255734. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From India. Seeds presented by the agricultural attache, United States Embassy, New Delhi. Received Mar. 3, 1959.

'Punjab. No. 1'. Kulu Valley, a temperate climate valley in northwest Punjab, Himalayan foothills. Used as human food; said to have no bitter taste or pungent smell.

255735 to 255744.

From Turkey. Seeds presented by the Turkish Sugar Corporation, Ankara. Received Mar. 4, 1959.

255735 and 255736. PANICUM MILIACEUM L. Poaceae. Proso millet.

255735. Capkis.

255736. Yoldasan, Icme.

255737. SETARIA ITALICA (L.) Beauv. Poaceae. Foxtail millet.

Vartak, Icme.

255738. SORGHUM HALEPENSE (L.) Pers. Poaceae. Johnsongrass.

Vezirhan. A sweet type.

255739. SORGHUM SUDANENSE (Piper) Stapf Poaceae. Sudangrass.

Acmanuk.

255740 to 255743. SORGHUM BICOLOR (L.) Moench

255740. Pelitozii. A sweet type.

255741. Daricayiri village.

255742. Icme, Derearyan.

255743. Par. Large white grain type.

255744. SORGHUM BICOLOR VAR. SUBGLOBOSUM (Hack.) Snowden

Taslik village.

255745 and 255746.

From Australia. Seeds presented by the Division of Plant Industry, Canberra. Received Mar. 4, 1959.

255745. GLYCINE CLANDESTINA Wendl. Fabaceae.

Mt. Corea, A.C.T.

255746. PSORALEA ERIANTHA Benth. Fabaceae.

Charlesville, Queensland.

255747 to 255750.

From Northern Rhodesia. Seeds presented by W. C. Verboom, Department of Agriculture, Kasama. Received Mar. 4, 1959.

255747. GLYCINE JAVANICA L. Fabaceae.

255748. GLYCINE SCHLIEBENII Harms

255749. LISTIA HETEROPHYLLA E. Mey. Fabaceae.

255750. VIGNA CAERULEA Baker Fabaceae.

255751 to 255754.

From Chile. Seeds collected by W. Q. Loegering, Cereal Crops Research Branch, Plant Industry Station, Beltsville, Md. Received Mar. 5, 1959.

- 255751 to 255753.** *HORDEUM CHILENSE* Roem. & Schult. Poaceae.
255751. B.334. Road to Tavellones, 29 km. from Santiago.
255752. B.355. Pan American Highway, 198 km. north of Santiago.
255753. B.361. Los Vilos, towards Illapel.
255754. *HORDEUM CHILENSE* Roem. & Schult.
B.372. Eight km. west of Peleguen.

255755 to 255816.

From Nigeria. Seeds presented by the Ministry of Agriculture and Natural Resources, Moor Plantation, Ibadan. Received Mar. 5, 1959.

- 255755.** *VIGNA CYLINDRICA* (L.) Skeels Fabaceae. **Catjang-pea.**
255756 to 255816. *VIGNA SINENSIS* (Torner) Savi **Common cowpea**
- | | |
|--|---------------------------|
| 255756. 'Bechuana White' 252-1. | 255787. No. V40. |
| 255757. 'Kuziama'. | 255788. No. V42. |
| 255758. 'Obuasi'. 259-1. | 255789. No. V43. |
| 255759. 'Dr. Saunders Upright'. | 255790. No. V45. |
| 255760. 'Ushiki C'. | 255791. No. V46. |
| 255761. No. V1-302-1. | 255792. No. V48. |
| 255762. No. V2-303-1. | 255793. No. V51. |
| 255763. No. V4. | 255794. No. V52. |
| 255764. No. V5. | 255795. No. V53. |
| 255765. No. V6. | 255796. No. V61. |
| 255766. No. V7. | 255797. No. V63. |
| 255767. No. V10. | 255798. No. V64. |
| 255768. No. V12. | 255799. No. V65. |
| 255769. No. V13. | 255800. No. V66. |
| 255770. No. V14. | 255801. No. V67. |
| 255771. No. V16. | 255802. No. V68. |
| 255772. No. V18. | 255803. No. V69. |
| 255773. No. V19. | 255804. No. V71. |
| 255774. No. V21. | 255805. No. V72. |
| 255775. No. V23. | 255806. No. V73. |
| 255776. No. V24. | 255807. No. V74. |
| 255777. No. V26. | 255808. No. V84. |
| 255778. No. V27. | 255809. No. V85. |
| 255779. No. V28-2. | 255810. No. V86. |
| 255780. No. V29. | 255811. No. V87. |
| 255781. No. V30. | 255812. No. V90. |
| 255782. No. V32. | 255813. No. V93. |
| 255783. No. V34. | 255814. No. V94. |
| 255784. No. V36. | 255815. No. V95. |
| 255785. No. V37. | 255816. No. V28-1. |
| 255786. No. V38. | |

255817 to 255819.

From Ghana. Material collected by E. P. Imle, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Mar. 5, 1959.

255817. *VANILLA* sp. Orchidaceae.

Col. No. 108. Near Tafo.

255818. (Undetermined).

Col. No. 109. Near Tafo. Wild shrubby vine; fruits tricarpetate, red, indehiscent; seeds black, partly covered by white arils, three per capsule.

255819. *RAPHIA* sp. Phoenicaceae.

Palm.

Col. No. 110. Near Tafo. Tall palm, called raffia.

255820 to 255827.

From Afghanistan. Seeds collected by P. F. Knowles, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Mar. 6, 1959.

255820. *BROMUS LANCEOLATUS* Roth. Poaceae.

Col. No. K1795. Kabul River, between Culbahar and Nadjerah. Plants to 12 inches high.

255821. *CARTHAMUS LANATUS* L. Asteraceae.

Col. No. K1786. One-half mile northeast of Charikar.

255822 and 255823. *CARTHAMUS OXYACANTHA* Bieb.

255822. Col. No. K1792. Ghulbahar Textile Mill. Heads to 0.5 inch in diameter.

255823. Col. No. K1798. Salih Tagaw, north of Sarobi.

255824. *HORDEUM VULGARE* L. Poaceae.

Common barley.

Col. No. K1787. Charikar bazaar.

255825. *PHASEOLUS AUREUS* Roxb. Fabaceae.

Mung bean.

Col. No. K1790. Charikar bazaar.

255826 and 255827. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

255826. Col. No. K1788. Charikar bazaar.

255827. Col. No. K1789. Charikar bazaar.

255828. *FIGUS* sp. Moraceae.

From South West Africa. Seeds presented by C. V. Porter, Windhoek. Received Apr. 29, 1959.

Elevation 5,500 feet. Plants survive heavy frosts.

255829 to 255868.

From Italy. Seeds presented by the Istituto di Genetica Vegetale, Piacenza. Received Mar. 9, 1959.

255829 to 255840. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

255829. 58-4. 'Barese o a Pruno'. **255835.** 58-88. 'Pirro'.

255830. 58-49. 'Lampadina'. **255836.** 58-92. 'Prezioso'.

255831. 58-78. 'Panerazio'. **255837.** 58-93. 'Prospero 21'.

255832. 58-79. 'Paullo'. **255838.** 58-94. 'Prospero 39'.

255833. 58-86. 'Pigmeo'. **255839.** 58-117. 'San Marzano'.

255834. 58-87. 'Pilastro'. **255840.** 58-142. 'Vesuvio'.

255829 to 255868—Continued

- 255841 to 255845.** LYCOPERSICON (hybrids).
255841. 57-505. 'Rutger's' × 'Lampadina'.
255842. 57-506. 'Lampadina' × N.D.A.C. 38.
255843. 57-510. Line 3700-3 × 'Ponderosa'.
255844. 57-534. 'Lampadina' × N.D.A.C. 38.
255845. 57-535. 'Campione' × 'Lampadina'.
255846. LYCOPERSICON ESCULENTUM f. PYRIFORME (Dun.) C. H. Mull.
 57-546-34. N.D.A.C. 38 × 'Lampadina'.
255847 to 255850. LYCOPERSICON (hybrids).
255847. 57-547-19. N.D.A.C. 38 × 'Lampadina'.
255848. 57-548-21. N.D.A.C. 38 × 'Lampadina'.
255849. 57-549-25. N.D.A.C. 38 × 'Lampadina'.
255850. 57-550-1. Line 3700-3 × 'Lampadina'.
255851. LYCOPERSICON ESCULENTUM f. PYRIFORME (Dun.) C. H. Mull.
 57-551-16. Line 3700-3 × 'Lampadina'.
255852 to 255868. LYCOPERSICON (hybrids).
255852. 57-553-29. Line 276 × 'Paullo'.
255853. 57-557-13. Line 275 × 'Lampadina'.
255854. 57-558-6. Line 275 × 'Lampadina'.
255855. 57-564-14. Line 3700-3 × 'Lampadina'.
255856. 57-565-10. Line 3700-3 × 'Lampadina'.
255857. 57-566-8. Line 3700-3 × 'Lampadina'.
255858. 57-567-7. Line 3700-3 × 'Ponderosa'.
255859. 57-582-8. *Lycopersicon pimpinellifolium* × 'Ponderosa'.
255860. 57-583-13. *Lycopersicon pimpinellifolium* × 'Ponderosa'.
255861. 57-584-2. 'San Marzano' × (15 × 21) No. 2.
255862. 57-585-15. 'Blood Orange' × 'Cuor di Bue'.
255863. 57-586-3. 'Blood Orange' × 'Cuor di Bue'.
255864. 57-598-3. 'Palla d'Oro' × 'Cuor di Bue'.
255865. 57-599-5. 'Ponderosa' × 'Cuor di Bue'.
255866. 57-600-12. 'San Marzano' × 'Cuor di Bue'.
255867. 57-606-9. 'Tangerine' × 'Cuor di Bue'.
255868. 57-552-15. Line 276 × 'Paullo'.

255869 to 255896.

From Poland. Seeds presented by the Polish Academy of Sciences, Institute of Plant Breeding, Poznan. Received Mar. 10, 1959.

- 255869.** AGROSTIS ALBA L. Poaceae. **Redtop.**
 S.W.H.N. Poznan.
255870 and 255871. BROMUS INERMIS Leyss. Poaceae. **Smooth brome.**
255870. 'Antoninska'. Poznan.
255871. 'Brudzynska'. Poznan.

255869 to 255896—Continued

- 255872 and 255873. *DACTYLIS GLOMERATA* L. Poaceae. Orchardgrass.
 255872. 'Grebalowska'. Krakow.
 255873. 'Motycka'. Lublin.
- 255874 and 255875. *FESTUCA ARUNDINACEA* Schreb. Poaceae. Tall fescue.
 255874. 'Grebalowska'. Krakow.
 255875. 'Pulawska'. Lublin.
- 255876 to 255878. *FESTUCA ELATIOR* L. Meadow fescue.
 255876. 'Grebalowska'. Krakow.
 255877. 'Motycka'. Lublin.
 255878. 'Nakielska'. Bydgoszcz.
- 255879 and 255880. *FESTUCA RUBRA* L. Red fescue.
 255879. 'Grebalowska'. Krakow.
 255880. 'Nakielska'. Bydgoszcz.
- 255881 and 255882. *LOLIUM MULTIFLORUM* Lam. Poaceae. Italian ryegrass.
 255881. S.W.H.N. Poznan.
 255882. 'Motycki'. Lublin.
- 255883 to 255886. *MEDICAGO SATIVA* var. *VARIA* (Mart.) Urban Fabaceae. Alfalfa.
 255883. 'Kleszczewska'. Poznan.
 255884. 'Polanowicka'. Bydgoszcz.
 255885. 'Pulawska'. Lublin.
 255886. 'Wielkopolska'. Poznan.
255887. *PHALARIS ARUNDINACEA* L. Poaceae. Reed canarygrass.
 'Motycka'. Lublin.
- 255888 and 255889. *PHELUM PRATENSE* L. Poaceae. Timothy.
 255888. 'Grebalowska'. Krakow.
 255889. S.W.H.N. Poznan.
255890. *POA PRATENSIS* L. Poaceae. Kentucky bluegrass.
 'Pulawska'. Lublin.
255891. *TRIFOLIUM HYBRIDUM* L. Fabaceae. Alsike clover.
 'Zorza'. Bydgoszcz.
255892. *TRIFOLIUM INCARNATUM* L. Crimson clover.
 'Opolska'. Opole.
- 255893 to 255896. *TRIFOLIUM PRATENSE* L. Red clover.
 255893. 'Bialy Kwiat'. Lublin.
 255894. 'Hruszowska Ciemna'. Lublin.
 255895. 'Hruszowska Jasna'. Lublin.
 255896. 'Pulawska'. Lublin.
255897. *SOLANUM TUBEROSUM* L. Solanaceae. Potato.
 From Belgium. Tubers presented by the Agriculture Research Station, Libramont. Received Mar. 11, 1959.
 'Electre'.

255898 to 255901. MALUS SYLVESTRIS Mill. Malaceae.**Common apple.**

From Japan. Cuttings presented by the Aomori Apple Experiment Station, Kuroishi-City, Aomori-Prefecture. Received Mar. 11, 1959.

255898. 'Tohoku 2'. ('McIntosh' × 'Worcester'). Compares with 'American Summer Pearmain'; fruit color resembles 'McIntosh'; weight 180 grams, quality excellent, keeps relatively well; ripens early September; storage period to three weeks.

255899. 'Tohoku 3'. ('Jonathan' × 'Worcester'). Compares with 'McIntosh'; fruit attractive, solid red, sweet; weight 180 grams; superior to 'McIntosh'; ripens to late September; storage period to three weeks.

255900. 'Tohoku 4'. ('Jonathan' × 'Worcester'). Compares with 'McIntosh' and 'Fameuse'; fruit color and shape resembles 'Jonathan', sweet, weight to 180 grams; harvest time mid to late September; storage period to four weeks.

255901. 'Tohoku 7'. ('Ralls' × 'Delicious'). Compares with 'Ralls'; fruit color resembles 'Delicious', 'Ralls' shape, texture firm, very juicy, excellent quality, weight to 250 grams; harvest time mid-November; storage until late April.

255902 to 255908. PISTACIA CHINENSIS Bunge Anacardiaceae.**Chinese pistache.**

From the United States. Plants growing at the United States Plant Introduction Station, Chico, Calif. Numbered Apr. 7, 1959. Collected in China in 1908.

255902. C-27532. Good habit medium large male tree; branches acute, strong; assumes autumnal foliage in midseason, red to scarlet red with variations of yellow or orange, resists rain and wind, color remains until they drop; anther clusters are brick red. This selection may be subject to delayed dormancy and would probably do better in cooler climates.

255903. C-27533. Small, globose female tree with wide-angled branching; foliage color variable according to weather, coloring matures in mid-season. Fruits abundantly.

255904. C-27568. Medium large, globose, male tree; foliage coloring in mid-season, bright and attractive. Holds leaves well.

255905. C-27538. Medium size, vase shaped male tree with open center and flat top; bark very rough and coarse, colored with reds and yellows, giving a mottled effect; foliage color matures in midseason to later. One of the better selections for color. Holds leaves only moderately well.

255906. C-27545. Medium size, good form, male tree; foliage colors blend to give a mottled effect; leaves drop easily in wind.

255907. C-27573. Medium small, oblate male tree; branches dense, acute; foliage color varies from bright orange-red to orange-yellows, colors mid-season to moderately late. Holds leaves well.

255908. C-27539. Medium size globose male tree with dense top; one of the earliest tree to color; mature leaves drop readily.

255909. BERBERIS THUNBERGII DC. Berberidaceae.**Japanese barberry.**

From Great Britain. Plants purchased from R. Kaye Ltd., Silverdale, Carnforth, Lancashire, England. Received Mar. 12, 1959.

'Atropurpurea Superba'.

255910 and 255911. VITIS VINIFERA L. Vitaceae.**European grape.**

From Italy. Scions presented by Vito Di Pierro, Noicattaro, Bari. Received Mar. 12, 1959.

255910. 'Almeria'.

255911. 'Regina'.

255912 to 255919. LINUM USITATISSIMUM L. Linaceae.**Common flax.**

From Czechoslovakia. Seeds presented by the Research Institute for Fiber Plants, Sumperk. Received Mar. 12, 1959.

255912. 'Bernburger Oel Faserlein'. From East Germany. Oil-spin flax; fiber production average; seed production good.

255913. 'Dachnfeld'. Ex-Netherlands. Oil seed flax; seed production good; fiber coarse.

255914. 'Flachskopf'. From East Germany. Oil-spin flax; fiber production average; seed production good.

255915. 'Horal'. Early, fine spin flax; fiber production good; seed production low.

255916. 'Modran'. Fine spin flax; fiber and seed production good, but fiber content low.

255917. 'Rekord'. Coarse spin flax; fiber and seed production average.

255918. 'Textilak'. Fine spin flax; fiber production good; seed production low.

255919. 'Zdar'. Oil-spin flax; fiber coarse, production average; seed production good.

255920 to 255924.

From Brazil. Plants collected by W. C. Gregory, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Mar. 12, 1959.

255920. ARISTOLOCHIA sp. Aristolochiaceae.

Col. No. 9746. Bata Guacu, Mato Grosso.

255921. ARISTOLOCHIA sp.

Col. No. 9777. Twenty km. west of Bata Guacu, road to Campo Grande, Mato Grosso.

255922. ARISTOLOCHIA sp.

Col. No. 9796. Ten km. east of Bata Guacu-Campo Grande and Campo Grande-Rio Brillante road intersection, Mato Grosso. Low tuberous-rooted perennial.

255923. ARISTOLOCHIA sp.

(No field number). Three km. from Bata Guacu on Xavatina road, Mato Grosso.

255924. ARISTOLOCHIA sp.

(No field number). Between Fazenda Pozo Alto and Xavatina on Bata Guacu road, Mato Grosso. Climbing woody vine.

255925. THEOBROMA CACAO L. Sterculiaceae.**Cacao.**

From Costa Rica. Seedlings presented by the Instituto Inter-Americano de Ciencias Agricolas, San Jose. Numbered Mar. 12, 1959.

255926. HIBISCUS MUTABILIS L. Malvaceae. Cotton rosemallow.

From Panama. Seeds collected by E. Griffith, Fort Clayton, Canal Zone. Numbered Mar. 12, 1959.

Flowers open pure white in the morning changing to a deep red by evening.

255927 and 255928.

From India. Seeds presented by R. D. Asana, Division of Botany, Indian Agricultural Research Institute, New Delhi. Received Mar. 12, 1959.

255927. BRACHIARIA RAMOSA (L.) Stapf Poaceae.

255927 and 255928—Continued

255928. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae. **Guar.**
'Pusa Sadabhar'. Short duration crop, attaining maturity in about three months.

255929 to 255932. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Guatemala. Tubers collected by J. G. Hawkes, Department of Botany University of Birmingham, Birmingham, England. Received Mar. 13, 1959.

255929. No. 1788. From Huehuetenango.

255930 to 255932. From San Marcos.

255930. No. 1858.

255931. No. 1860.

255932. No. 1861.

255933 to 255938. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.

From the Netherlands. Seeds presented by the Instituut voor de Versdelling Van Tuinbouwgewassen, Wageningen. Received Mar. 16, 1959. All are capable of producing parthenocarpic fruit.

255933. 55112. T2. ('Highmoor' × 'Lange Groene Broei', forcing type with long green fruits) × 'Lange Groene Broei'. (Selfed 5 times.) Plants with long internodes, leaves large; fruits long, conical base; skin a good green color. Good yielder.

255934. 55117. 'Esvier'. ('Highmoor' × 'Lange Groene Broei', forcing type with long green fruits) × 'Lange Groene Broei'. (Selfed 5 times.) Plants with long internodes; leaves large, fruit medium to long, bottleneck base, somewhat spined; skin a good green. Good yielder.

255935. 58087. 'Amato'. ('Donkere Spiers', forcing type, dark green color fruits × 'Highmoor') × 'Donkere'. (Selfed 3 times.) Plants with long internodes; leaves large; fruit rather long, bottleneck base; skin susceptible to forming pale stripes in low temperature. Good yielder.

255936. 58088. 'Nidin'. (Sp 5, scab resistant × Spot resistant) × Spot resistant. (Selfed 3 times.) Plant with short internodes; leaves medium to small; fruit rather long, round top, conical or short bottleneck base; skin of a good green color, surface covered with fine spines. Good yielder.

255937. 58089. 'Hybrid KC 291'. One plant susceptible and one plant resistant to scab. Testing results variable.

255938. 58090. 'Hybrid KD 574'. One plant susceptible and one plant resistant to scab. Testing results variable.

255939 and 255940.

From Japan. Seeds presented by the Faculty of Agriculture, Kyoto University, Kyoto. Received Mar. 16, 1959.

255939. *MISCANTHUS INTERMEDIUS* Honda Poaceae.

Collected in Yamagata Prefecture, north Japan. Plant to two meters high; flowering August to October. (Hexaploid, $2n=114$.)

255940. *MISCANTHUS TINCTORIUS* Hack.

Collected in Gifu Prefecture, central Japan. Plants to 1.8 meters high; flowering August to October. (Diploid, $2n=38$.)

255941. CUCURBITA (hybrid). Cucurbitaceae.

From the United States. A selection from *Cucurbita moschata* × *mazima*, P.I. 162889, from Paraguay. Numbered Mar. 16, 1959.

Plant vigorous; leaves dark-green; season 115 days; fruit bulbous, 11.5 inches by 5 inches, green striped, black netted; neck 4 inches by 3 inches; flesh color excellent; seeds oval, pointed, flat, about 0.6 inch long, light tan, glossy, not ridged around margin.

255942 to 255945.

From Australia. Scions presented by the New South Wales Department of Agriculture, Sydney. Received Mar. 17, 1959.

255942 to 255944. Bred by the New South Wales Department of Agriculture and named in 1955.

255942. PRUNUS sp. Amygdalaceae.

'Ransom'. An open-pollinated 'St. Margaret' seedling. Resembles 'St. Margaret' but is several days earlier and a heavy cropper. Fruit large, red-black, more resistant to splitting than 'St. Margaret'.

255943. PRUNUS sp.

'Regina'. A seedling of 'St. Margaret' × 'Black Eagle'. Season similar to 'Rival'. Resistant to splitting. Fruit large, round, heart-shaped, dark red, of sweet flavor, prolific; stalk short; stone medium-sized.

255944. PRUNUS sp.

'Rival'. An open-pollinated seedling of 'St. Margaret'. Fruit large, red-black, broadly heart-shaped; stalk short; flesh firm, vinous flavor; stone moderately large. Fruit is 'Early Lyons' type, only slightly susceptible to splitting and ripens with the midpick of this variety.

255945. PRUNUS sp.

'Rons'. Originated about 1928, New South Wales Department of Agriculture, Young. Seedling of 'Eagles Seedling' × unknown. Ripens 7 to 10 days before 'St. Margaret'. Fruit large, round, heart-shaped, dark red, in heavy clusters; flavor excellent; stalks short.

255946 to 255960.

From the United States. Seeds held at the United States Regional Plant Introduction Station, Geneva, New York. Numbered Mar. 18, 1959.

255946 and 255947. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**

255946. G6837. 'Pillnitzer-Zucker'. (Var. *inodorus* × *cantalupensis*.)

From Pillnitzer Experiment Station, East Germany. Plants vigorous; vines long; fruit set heavy, medium early; fruit globe 6.5 by 6.5 inches, orange, ribbed, smooth, no netting; flesh deep orange, excellent quality. Free of mosaic.

255947. G7818. 'Hochgenuss'. (var. *cantalupensis* × *reticulatus*.)

From Germany. Plants vigorous, vine medium long; fruit set good; fruits four by six inches, globose, deeply grooved, no netting, orange, raised dark green areas especially along grooves, excellent quality; seed cavity large.

255948. CUCUMIS MELO var. CANTALUPENSIS Naud.

G6838. 'Delicious of Pillnitz'. From Pillnitz Experiment Station, East Germany. Plant vigor poor; vine short; set fair, medium early; fruit six by six inches, globose, orange, rough, raised dark green patches. Susceptible to mosaic.

255949. CUCUMIS MELO var. INODORUS Naud.

G6671. 'Orange Rind'. From Greece. Plants vigorous; vine long; late-maturing; fruit long oval, nine by five inches, orange, grooved at stem end, no netting; excellent quality; flesh cream; seed cavity orange.

255950 to 255953. CUCUMIS MELO var. RETICULATUS Naud.

255950. G6670. 'Yellow Skin'. From Greece. Plant vigorous, late-maturity; set medium heavy; fruit five by five inches, globose, yellow, slightly ribbed and medium-netted, good quality.

255951. G7355. 'Wynne'. From Haiti. Plants vigorous, late-maturing; vine long; set poor; fruit blunt, oblong, nine by six inches, grooved, slight netted. Tolerant of mosaic and powdery mildew.

255946 to 255960—Continued**255950 to 255953—Continued**

255952. G7409. 'Maine Monoecious Oblong'. Breeding line from University of Maine, Orono. Plants very early, vigorous, homozygous for monoecious flowers; fruit oval to oblong, 6.5 by 5 inches, orange, ribbed, well netted; flesh orange; flavor good. Fruits crack at stem end on ripening.

255953. G7410. 'Maine Monoecious Globe'. Breeding line from University of Maine, Orono. Valuable crossover breaking linkage between monoecious flowers and elongate fruit. Plant vigorous, very early; homozygous for monoecious flowers; vine long; fruit globose, 6 by 5 inches, orange, ribbed, well-netted.

255954. CUCURBITA MOSCHATA Duchesne Cucurbitaceae. Cushaw.

G5321. 'Hyuga No. 14'. Commercial variety from Japan. Plant late maturing, runner, moschata leaf pattern; fruit flat globose, 4.5 by 6.75 inches, very dark green, rough, to 20 deep forked grooves, light green warts. Free of mosaic.

255955. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

G5317. 'Piovano'. From breeding tests at the University of Mendoza, Argentina. Plant indeterminate, medium vigor, late maturity, to three fruits per cluster; fruit 2 by 3 inches, flat globose, to 7 locules, red; flesh sweet.

255956 and 255957. PHASEOLUS COCCINEUS L. Fabaceae.**Scarlet runner bean.**

255956. G6753. 'Mayan White Runner'. From Guatemala. Plant vigorous, climber; flowers white, large; pods five by 0.6 inches, green, round; seeds large, white, round.

255957. G6754. 'Carters Prize Winner'. From England. Plant very vigorous, climber; flowers scarlet; pods 7.1 by 0.8 inches, green, flat; seeds large, light purple.

255958 to 255960. PHASEOLUS VULGARIS L.**Common bean.**

255958. G2213. 'Scarlet Beauty Dwarf'. From Cornwall, England. Bush-half runner, vigorous; flowers white; pod 6 by 0.5 inches, green, round; seed medium-size, red to dark brown, kidney shape.

255959. G2214. 'Topnotch Dwarf French Wax'. From Cornwall, England. Bush, poor vigor, flowers white; pods 3 by 0.6 inches, wax, flat; seed medium-size, plump, oval, white with brown eye.

255960. G5327. 'Fratelli Ingegnoli'. From Italy. Plant vigorous, climber; flowers purple; pods 8 by 0.7 inches, green, striped-purple, round; seed large, kidney-shaped, grey, striped-black.

255961. LOTUS TETRAGONOLOBUS L. Fabaceae.

From Great Britain. Seeds presented by Kathleen Hunter and Wheal Frances, Callestick, Cornwall, England. Received Mar. 18, 1959.

G2212. Annual, prostrate, only fair vigor, to eight inches high, spread 29 inches, hirsute; leaflets elliptic, to one inch long; flowers one or two, purplish-red; pod to three inches long, 4-angled, 4-winged; seeds globose-oblong, smooth, brown, 2 mm. in diameter.

255962. MEDICAGO SATIVA L. Fabaceae.**Alfalfa.**

From Canada. Seeds presented by the Forage Crops Laboratory, Saskatoon, Saskatchewan. Received Mar. 18, 1959.

G5379. 'Rambler'. Strong creeping root characteristic; compares favorably with well-known alfalfa varieties in yield, winter hardiness and drought resistance. Plant medium vigor, to 28 inches high and 72 inches wide, very leafy, variable in habit and leaf characteristics, poor aftergrowth, spreading underground from root proliferations. Tolerant of black stem.

255963. SORGHUM BICOLOR (L.) Moench Poaceae.

From Ethiopia. Seeds presented by the Pioneer Hi-Bred Corn Co., Plainview, Tex. Received Mar. 18, 1959.

'Watch'. A cultivated type from Jimma, common in central Africa. Plant and glume red; seeds white; heads moderately open, approximately 10 by 6 inches; late maturity; tall grain type.

255964 and 255965.

From Hong Kong. Plants presented by the Forestry Division, Department of Agriculture, Fisheries and Forestry, Kowloon. Received Mar. 18, 1959.

255964. CAMELLIA GRANTHAMIANA Sealy Theaceae.

255965. CINNAMOMUM CASSIA Blume Lauraceae.

255966 and 255967.

From Brazil. Plants collected by W. C. Gregory, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Mar. 19, 1959.

255966. ARISTOLOCHIA sp. Aristolochiaceae.

Col. No. 9686. Twenty km. from Capitan-Bado on the Capitan-Bado-Amambay road, Mato Grosso. Climbing woody perennial.

255967. ARISTOLOCHIA sp.

Col. No. 9732. On the Rio Amambay-Ponta Pova road, Mato Grosso. Climbing woody perennial.

255968. SOLANUM TUBEROSUM L. Solanaceae.**Potato.**

From Germany. Tubers presented by the Max Planck Institute of Plant Breeding Cologne (Vogelsang). Received Mar. 19, 1959.

No. 55,957/2.

255969 to 255972.

From Tasmania. Seeds presented by the Tasmanian Regional Laboratory, Commonwealth Scientific and Industrial Research Organization, Hobart. Received Mar. 20, 1959.

255969. BILLARDIERA LONGIFLORA Labill. Pittosporaceae.

255970. GAULTHERIA HISPIDA R. Br. Ericaceae.

255971. LEPTOSPERMUM PUBESCENS Lam. Myrtaceae.

255972. LEPTOSPERMUM SCOPARIUM Forst.

255973. HUMULUS LUPULUS L. Moraceae.**Common hop.**

From Yugoslavia. Cuttings presented by the Institute za Hmeljarstvo, Zalec. Received Mar. 20, 1959.

'Savinia-Golding'.

255974 to 255986. ZEA MAYS L. Poaceae.**Corn.**

From the United States. Seeds held at the United States Plant Introduction Station, Geneva, New York. Numbered Mar. 20, 1959.

255974. G6758. 'Extra Early Russian Flint'. Presented by the Department of Horticulture, University of Massachusetts, Amherst, Mass. Plants low, very early, free of smut, few suckers; ears 10.5 by 3.8 cm., slender; seeds small, yellow.

255975. G6759. 'West Brookfield White Sweet'. Grown near West Brookfield, Mass. Plants early maturing, much suckered, free of smut, susceptible to rust; ears long, slender, 13.0 by 3.5 cm.; seeds flattened and much wrinkled, serrate edges, exceptionally tender pericarp, white.

255974 to 255986—Continued

- 255976.** G7357. 'Golden Bantam'. Presented by H. McKinney, Geneva, N.Y. Plants medium height, later than average, open pollinated, much suckered; stalks purple; ear 13.0 by 3.5 cm.; seeds yellow, sweet. Susceptible to smut and aphids.
- 255977.** G7358. 'Golden Bantam'. Presented by J. D. Shipton and G. Shipton, Pittsfield, Mass. Open-pollinated plants, medium height, later than average; stalks much suckered, relatively free of smut; seeds yellow, sweet.
- 255978.** G7370. 'Rhode Island White-cap Flint'. Presented by the Rhode Island Agricultural Experiment Station, Kingston, R.I. Plant to 2 meters high, early, high yield; ears 20 to 25 cm. long; kernels in 8 rows, short, thick; high oil content. Used for flour to make Rhode Island Johnny cakes, also for feed grain and silage.
- 255979.** G7390. 'Parker Flint'. Presented by the Massachusetts Agricultural Experiment Station, Amherst, Mass. Plant 1.5 meters high, variable, early; stalks purple; most ears 8-rowed; seeds glossy, dull brown, flat, some flints, some bluish, some dent.
- 255980.** G7401. Selfed and bulked for three generations at the Maine Agricultural Experiment Station, Orono, Maine. Selfed selection from P.I. 213776, which was a 'Northwestern Dent' from Mandan, N. D. Plants of medium height, early, brown and yellow dent; stalks purple; ears 10.0 cm. by 4.2 cm.
- 255981.** G7402. 'Burnell Golden Bantam'. Presented by Frank Goldsmith, South Paris, Maine. Plant to 1.5 m. high, much suckered; stalks purple; ears 14.0 by 4.2 cm. with high row count; seeds yellow, sweet.
- 255982.** G7403. 'Baxters Golden Bantam'. Presented by R. M. Bailey, Brownfield, Maine. Plants of medium height, late, much suckered and free from smut; stalks purple; ears 13.5 by 4.5 cm., 12-rowed; seeds yellow, sweet.
- 255983.** G7404. 'Pease Crosby Sweet Corn'. Presented by R. M. Bailey, Monmouth, Maine. Selected, maintained and grown for processing in central and western Maine. Open-pollinated plant to 2 meters high, very early; much suckered; stalks purple; ears 17.0 by 3.8 cm., 6- to 18-rowed; seeds light yellowish-gray.
- 255984.** G7405. 'Knowlton'. Presented by R. M. Bailey near Monmouth, Maine. Open-pollinated plant to 2 meters high; ears 14.0 by 3.3 cm., 8-rowed; seeds yellow flint; slight smut.
- 255985.** G7406. Presented by R. M. Bailey, Agricultural Experiment Station, Orono, Maine. Stalks to 2 meters high; medium early; ears 20.0 by 4.3 cm., 8-rowed; seeds yellow, flint; slight smut; susceptible to rust.
- 255986.** G7407. 'Hubbard Flint'. Presented by R. M. Bailey, Agricultural Experiment Station, Orono, Maine, from R. G. Hubbard, Castleton, Vt. Stalks to two meters high; ears maturing medium early, 16.0 by 4.3 cm., 8-rowed; seeds yellow, heterozygous for cytoplasmic sterility, open-pollinated; free from smut.

255987. CYNARA SCOLYMUS L. Asteraceae. Globe artichoke.

From Portugal. Seeds presented by Jose Francisco Pereira Assuncao, Posto Agrario, Tavira. Received Mar. 20, 1959.

'Provence'.

255988. CAPSICUM PUBESCENS Ruiz. & Pav. Solanaceae.

From Guatemala. Seeds presented by the Servicio Cooperativo Inter-Americano de Agricultura, Guatemala City. Received Mar. 20, 1959.

255989 and 255990.

From Great Britain. Scions presented by the John Innes Horticultural Institute, Bayfordbury, Hertford, Herts, England. Received Mar. 23, 1959.

255989 and 255990—Continued

255989. *PRUNUS AVIUM* L. Amygdalaceae. Sweet cherry.
'Merton Glory'.

255990. *PYRUS COMMUNIS* L. Malaceae. Pear.
'Fertility'.

255991. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.

From Great Britain. Seeds presented by Elsoms Ltd., Spalding, Linco, England.
Received Mar. 23, 1959.

'Chartainvilliers'.

255992 to 256002.

From Great Britain. Plants purchased from Hillier & Sons, Winchester, England.
Received Mar. 23, 1959.

255992. *ACER PALMATUM* Thunb. Aceraceae. Japanese maple.
'Koreanum'.

255993. *AESCULUS CHINENSIS* Bunge Aesculaceae.

255994. *FRAXINUS EXCELSIOR* f. *DIVERSIFOLIA* (Ait.) Lingels. Oleaceae. Ash.

255995. *FRAXINUS OXYCARPA* Willd.

'Reywoods'.

255996. *LABURNUM ANAGYROIDES* f. *QUERCIFOLIUM* (Loud.) Schneider
Fabaceae.

255997. *SALIX BALFOURIANA* C. K. Schneid. Salicaceae.

255998. *SALIX DAPHNOIDES* Vill. Daphne willow.
'Aglia'.

255999. *SALIX FARGESII* Burkill

256000. *SORBOPYRUS AURICULARIA* (Knopp) Schneider Malaceae.

(*Pyrus communis* × *Sorbus aria*).

256001. *ULMUS HOLLANDICA* Mill. Ulmaceae. Dutch elm.
'Pendula'.

256002. *VITIS VINIFERA* L. Vitaceae. European grape.
'Purpurea'.

256003. *JUGLANS REGIA* L. Juglandaceae. Persian walnut.

From France. Scions presented by G. Herman, Domaine de Castang, Bergerac
(Dordogne). Received Mar. 24, 1959.

'Marbeau'.

256004. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.

From France. Seeds presented by Tourneur Freres, Coulommiers. Received
Mar. 24, 1959.

No. 505.

256005 to 256008. *TRITICUM* (hybrids). Poaceae.

From the United States. Seeds presented by C. O. Johnson, Agricultural Ex-
periment Station, Manhattan, Kansas. Received Mar. 24, 1959.

(Chinese × *Aegilops umbellalata*).

256005. P54-41.2-1. 132-138, greenhouse, 1955.

256006. P54-47. 4-7. 263-266, greenhouse, 1955.

256007. P54-44.1-6. Aberdeen, Idaho, 1956.

256008. P54-47. 4-6. Aberdeen, Idaho, 1956.

256009 to 256015.

From Pakistan. Seeds presented by the Office of the Cotton Botanist, Agricultural Research Service, Tandojam. Received Mar. 24, 1959.

256009 and 256010. *GOSYPIUM ARBOREUM* L. Malvaceae. Asiatic tree cotton.

256009. 'Sind N.R.' A commercial variety.

256010. 'Tandojam Desi No. 1'.

256011 to 256015. *GOSYPIUM* (hybrids). Cotton.

256011. 51.041 (V1508). Formerly from U.S.S.R.

256012. 108F. Formerly from U.S.S.R.

256013. M4. A commercial variety.

256014. M100. A new long staple variety.

256015. S.T.J., MSVT, C/VI.

256016 to 256019. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

From Sweden. Seeds presented by W. Weibull, A.B., Landskrona. Received Mar. 24, 1959.

Spring types.

256016. 'Weibull's Original Sevenno' ('Margiun' × 'Hativi Inversiable') × ('Extra Kolbin' × 'Swedish Land'). Spikes white; early-maturing; straw short and very stiff; grain red, medium size and good quality.

Shatter resistant.

256017. 'Weibull's No. 5050'.

256018. 'Weibull's No. 5323'.

256019. 'Weibull's No. 5583'.

256020 to 256025. *MALUS* (hybrids). Malaceae. Crabapple.

From the Netherlands. Trees presented by the Arboretum, Wageningen. Received Mar. 24, 1959.

A collection of flowering crabapples.

256020. 'Hedwigiae'.

256021. 'Hoseri'.

256022. 'Kobenzii'.

256023. 'Makowieckiana'.

256024. 'Wierdakii'.

256025. 'Szaferi'.

256026 to 256034.

From Spain. Seeds presented by the Centro de Mejora del Maiz, Departamento de Agricultura, Madrid. Received Mar. 24, 1959.

256026 to 256028. *SECALE CEREALE* L. Poaceae. Rye.

256026. 1573; Line 28.

256027. 1567; Line 30.

256028. 1570; Line 33.

256029 and 256030. *TRITICUM DICOCROIDES* Koern. Poaceae.

256029. 1572; DS-9.

256030. 1571; 'Triticale 9'.

256026 to 256034—Continued

- 256031 and 256032.** *TRITICUM DICOCCUM* Schrank **Emmer.**
256031. 1569; 'Escanda de Malvedo'.
256032. 1568; 'Triticale 6'.
256033. *TRITICUM DURUM* Desf. **Durum wheat.**
 1565; 'Triticale 1'.
256034. *TRITICUM POLONICUM* L. **Polish wheat.**
 1641; 3108A. 'Enano de Andujar'.

256035 to 256042.

From Pakistan. Seeds presented by the Central Jute Committee, Jute Research Institute, Tejgaon, Dacca. Received Mar. 25, 1959.

- 256935 to 256037.** *HIBISCUS CANNABINUS* L. Malvaceae. **Kenaf.**
256035. 'Mesta Green'.
256036. 'Mesta Kistapur'.
256037. 'Mesta Purplish'.
256038 to 256041. *HIBISCUS SABDARIFFA* L. **Roselle.**
256038. 'Altissima Green'.
256039. 'Altissima Red'.
256040. 'Rozelle Green'.
256041. 'Rozelle Red'.
256042. *SIDA* sp. Malvaceae.
 'Berela'.

256043 to 256047.

From Southern Rhodesia. Seeds presented by the Grasslands Agricultural Research Station, Marandellas. Received Mar. 25, 1959.

- 256043.** *DIGITARIA* sp. Poaceae.
 'Shamva' (cf. *D. milanjiana* (Rendle) Stapf). A promising stoloniferous grass in Southern Rhodesia.
256044 to 256046. *ECHINOCHLOA PYRAMIDALIS* (Lam.) Hitchc. & Chase Poaceae.
256044. 'Chirunder'. Stoloniferous.
256045. 'Devuli'. Upright.
256046. 'Parfuri'. Stoloniferous.

These three ecotypes have potential value in swampy areas or areas subjected to periodical inundations; for grazing or fodder; also for conservation purposes such as protection of the earth walls of dams.

- 256047.** *UROCHLOA* sp. Poaceae.
 'Sabi'. An upright bunchgrass.

256048 to 256080.

From Afghanistan. Seeds collected by Arnold Krochmal, United States Operations Mission, Kabul. Received Mar. 25, 1959.

- 256048 and 256049.** *ALLIUM CEPA* L. Liliaceae. **Onion.**
256048. No. 1.
256049. No. 2.

256048 to 256080—Continued

- 256050 and 256051. *ALLIUM PORRUM* L. Leek.
 256050. No. 1.
 256051. No. 2.
- 256052 and 256053. *BETA VULGARIS* L. Chenopodiaceae.
 256052. No. 1.
 256053. No. 2.
- 256054 and 256055. *BRASSICA RAPA* L. Brassicaceae. Turnip.
 256054. No. 1.
 256055. No. 2.
- 256056 to 256058. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
 Collected at Peshawar.
 256056. No. 1. Chile.
 256057. No. 2. Istalif.
 256058. No. 3. Peshawar.
- 256059 and 256060. *CICER ARIETINUM* L. Fabaceae. Chickpea.
 256059. No. 1.
 256060. No. 2.
- 256061 and 256062. *CORIANDRUM SATIVUM* L. Apiaceae. Coriander.
 256061. No. 1.
 256062. No. 2.
- 256063 and 256064. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
 256063. No. 1.
 256064. No. 2.
- 256065 and 256066. *DAUCUS CAROTA* L. Apiaceae. Carrot.
 256065. No. 1.
 256066. No. 2.
- 256067 and 256068. *HIBISCUS ESCULENTUS* L. Malvaceae. Okra.
 256067. No. 1.
 256068. No. 2.
- 256069 and 256070. *LAGENARIA LEUCANTHA* (Duch.) Rusby Cucurbitaceae.
 Calabash gourd.
 256069. No. 1.
 256070. No. 2.
- 256071 and 256072. *LUFFA AEGYPTIACA* Mill. Cucurbitaceae. Suakwa towelgourd.
 256071. No. 1.
 256072. No. 2.
- 256073 and 256074. *PHASEOLUS AUREUS* Roxb. Fabaceae. Mung bean.
 256073. No. 1.
 256074. No. 2.
- 256075 and 256076. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.
 256075. No. 1.
 256076. No. 2.

256048 to 256080—Continued

256077 and 256078. SOLANUM MELONGENA L. Solanaceae. **Eggplant.**

256077. No. 1.

256078. No. 2.

256079 and 256080. SPINACIA OLERACEA L. Chenopodiaceae. **Common spinach.**

256079. No. 1.

256080. No. 2.

256081 to 256107.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Mar. 25, 1959.

256081. ACACIA ACINACEA Lindl. Mimosaceae.

Col. No. S-249. East of Djerriwarrh Creek, Victoria. Glabrous, diffuse shrub to five feet high; flowers clear yellow.

256082. ACACIA ACUMINATA Benth.

Col. No. S-208. Raspberry Jam or Jam Tree. Wimmera Forest Nursery, Wail, Victoria. Slender, vase-shaped tree to 40 feet high, flowers yellow.

256083. ACACIA HAKEOIDES A. Cunn.

Col. No. S-195. 'Hakea wattle'. Wimmera Forest Nursery, Wail, Victoria. Spreading shrub to six feet high, foliage somewhat yellowish; flowers bright yellow; usually floriferous.

256084. ACACIA HOWITTHI F. Muell.

Col. No. S-200. Wimmera Forest Nursery, Wail, Victoria. Erect spreading tree to 20 feet high; foliage pendulous; flowers pale yellow.

256085. ACACIA MICROCARPA F. Muell.

Col. No. S-199. Wimmera Forest Nursery, Wail, Victoria. Small, diffuse shrub; flowers yellow.

256086 and 256087. ACACIA PYCNANTHA Benth. **Golden wattle.**

256086. Col. No. S-204. Wimmera Forest Nursery, Wail, Victoria. Tree to 12 feet high and 15 feet across; branches pendulous; flowers bright yellow, large.

256087. Col. No. S-205. Mount Arapiles, Victoria. Flowers two months earlier than typical form.

256088. ACACIA RETINODES Schlecht.

Col. No. S-201. Edges of water courses and damp places in temperate regions, Wimmera Forest Nursery, Wail, Victoria. Erect to spreading tree to 20 feet high and 15 feet wide; flowers pale yellow, flowering over long period.

256089. ACACIA RIGENS A. Cunn.

Col. No. S-194. Wimmera Forest Nursery, Wail, Victoria. Compact shrub to three feet high; foliage dense; floriferous.

256090. ACACIA SALICINA Lindl.

Col. No. S-193. Near water courses in desert areas, Wimmera Forest Nursery, Wail, Victoria. Tree to 50 feet high; foliage pendulous; flowers pale yellow.

256091. ACACIA STENOPHYLLA A. Cunn.

Col. S-202. Along water courses in semi-arid areas, Wimmera Forest Nursery, Wail, Victoria. Tree to 20 feet high; phyllodes to 15 inches long and 0.25 inch wide; pendulous; flowers pale yellow.

256081 to 256107—Continued

256092. *ACACIA VERNICIFLUA* A. Cunn.

Col. No. S-190. Wimmera Forest Nursery, Wail, Victoria. Tree to 15 feet high; foliage glutinous, graceful, often dense; flowers clear yellow.

256093. *ACACIA VICTORIAE* Benth.

Col. No. S-191. Desert areas, Wimmera Forest Nursery, Wail, Vict
Tree to 12 feet high; foliage glaucous; flowers pale yellow.

256094. *ACACIA* sp.

Col. No. S-197. Wimmera Forest Nursery, Wail, Victoria. Tree to 15 feet high; branches tending to weep; flowers bright yellow.

256095. *ACTINOSTROBUS* sp. Pinaceae.

Col. No. S-235. Coorow, Western Australia. Evergreen tree to 12 feet high; superficially resembles *Cupressus*.

256096. *BANKSIA COLLINIA* R. Br. Proteaceae.

Col. No. S-214. 'Hillside Banksia'. Labertouche, Victoria. Upright shrub to 10 feet high; flowers yellowish, in cylinders to 18 inches long.

256097. *CALOTHAMNUS BLEPHAROSPERMUS* F. Muell. Myrtaceae.

Col. No. S-248. Geraldton, Western Australia. Straight-limbed fan-shaped shrub to five feet high; spikes of red flowers on old leafless wood.

256098. *CODONOCARPUS COTINIFOLIUS* (Desf.) F. Muell. Phytolaccaceae.

Col. No. S-215. 'Bell-fruit'. Auyan, Victoria. Tree to 20 feet high, usually dioecious.

256099. *EUCALYPTUS ALPINA* Lindl. Myrtaceae.**Hilltop eucalyptus.**

Col. No. S-203. Mirranatwa Gap, Grampiana, Victoria. Shrub to 20 feet high; leaves bright green; flowers yellow.

256100. *EUCALYPTUS EREMOPHILA* (Diels) Maiden

Col. No. S-207. Victoria. Bushy tree to 20 feet high; flowers yellowish.

256101. *EUCALYPTUS ERYTHRONEMA* Turcz.

Col. No. S-209. Dooen, Victoria. Tree to 20 feet high; flowers crimson.

256102. *EUCALYPTUS FORRESTIANA* Diels

Col. No. S-210. 'Fuchsia Gum'. Wimmera Forest Nursery, Wail, Victoria. Umbrella-shaped mallee to 20 feet high; flowers inconspicuous; fruits showy.

256103. *EUCALYPTUS PLATYPUS* Hook.

Col. No. S-206. Wimmera Forest Nursery, Wail, Victoria. Bushy multiple-trunked tree to 20 feet high; flowers lemon-colored. A good windbreak.

256104. *EUCALYPTUS TETRAPTERA* Turcz.

Col. No. S-212. Greenlake, Victoria. Coarse shrub to 10 feet high; leaves large; fruits bright red.

256105. *EUCALYPTUS* (hybrid).

Col. No. S-213. Jeparit, Victoria. (*E. erythronema* × *E. steedmanii*). The F₁ hybrid is bushier than either parent and has showy pink flowers.

256106. *HAKEA MULTILINEATA* Meisn. Proteaceae.

Col. No. S-225. Wimmera Forest Nursery, Wail, Victoria. Dense, bushy shrub to eight feet high; flowers bright rose-pink, eight inches long. The best form seen.

256107. *LASIOPETALUM DASYPHYLLUM* Sieb. Sterculiaceae.

Col. No. S-250. 'Shrubby Velvet Bush'. Golton's Gorge, Victoria. Shrub to eight feet high; young branches rusty, flat, stiff; leaves cordate, ovate to lanceolate, to four inches long with short dense stellate hairs beneath; flowers pink or brownish, in dense cymes.

256108. MALUS SYLVESTRIS Mill. Malaceae. Common apple.

From New Zealand. Scions presented by the Department of Scientific and Industrial Research, Auckland. Received Mar. 26, 1959.

'Greenmeadows Cox's Orange Pippin'.

256109 to 256182. SORGHUM BICOLOR (L.) Moench Poaceae.

From India. Seeds presented by the Rockefeller Foundation, New Delhi. Received Mar. 25, 1959.

- 256109.** I.S. No. 1147. G.2.
256110. I.S. No. 1148. G.4.
256111. I.S. No. 1151. 'Aispuri'.
256112. I.S. No. 1152. 'Satpani'.
256113. I.S. No. 1159. A.S. 4548. Ti-2. Yanger, Nigeria.
256114. I.S. No. 1176. A.S. 675. Mappalai Cholam, Palakuppam.
256115. I.S. No. 1179. A.S. 1093. Singara Cholam, Nagari.
256116. I.S. No. 1180. A.S. 2046. 'Jonna Saballva'.
256117. I.S. No. 1185. A.S. 4289. Singarapu Jonna, Chitor.
256118. I.S. No. 1188. A.S. 4522. Ramudi Talambrahu, Guntur.
256119. I.S. No. 1193. A.S. 6021. Wintersome, S. Rhodesia.
256120. I.S. No. 1195. A.S. 6189. Nambeu, Nyasaland.
256121. I.S. No. 1197. A.S. 6190. Nalunguni, Nyasaland.
256122. I.S. No. 1203. A.S. 4079. Mawannadi Juar, C.P. India.
256123. I.S. No. 1205. A.S. 4248. Vani Jowar, Nadyal.
256124. I.S. No. 1206. A.S. 5794. Abyssinea.
256125. I.S. No. 1221. A.S. 5236. Ting Hsian, China.
256126. I.S. No. 1222. A.S. 5237. China.
256127. I.S. No. 1239. A.S. 2699. Pallaku Jola, Kollegal.
256128. I.S. No. 1240. A.S. 2700. Pallaku Jola, Kollegal.
256129. I.S. No. 1246. A.S. 4259. 'Red Irungu'. Maduri.
256130. I.S. No. 1247. A.S. 4269. 'Red Irungu'. Maduri.
256131. I.S. No. 1249. A.S. 4524. Irungu Cholam, Koilpatti.
256132. I.S. No. 1256. A.S. 5412. Irungu, Koilpatti.
256133. I.S. No. 1304. A.S. 3998. Karaviru, Bukola.
256134. I.S. No. 1314. A.S. 1745. 'Dwarf Feterita'.
256135. I.S. No. 1339. A.S. 4627. N.T.
256136. I.S. No. 1342. A.S. 4643. Mdutubiya, Kurmila, Tanganyika.
256137. I.S. No. 1371. A.S. 1034. Napa Jonna, Macherala, Pal-ad.
256138. I.S. No. 1379. A.S. 2033. N.T.
256139. I.S. No. 1410. A.S. 4569. 'White Cholam'. Pollachi.
256140. I.S. No. 1432. A.S. 7443. Gidda Jonna, Chittor.
256141. I.S. No. 1438. A.S. 2181. N.T.
256142. I.S. No. 1444. A.S. 3898. Bor, Baluchistan.
256143. I.S. No. 1449. A.S. 5033. 'Uppu Vellai Cholam' Maniagaram-Palayam.
256144. I.S. No. 1463. A.S. 367. 'White Cholam'. Coimbatore.
256145. I.S. No. 1464. A.S. 387. Nir Jola, Kosgi.

256109 to 256182—Continued

256146. I.S. No. 1465. A.S. 391. 'Vellai Cholam'. Salem.
 256147. I.S. No. 1466. A.S. 586. Yerra Jonna, Coimbatore.
 256148. I.S. No. 1469. A.S. 591. Palapu Jonna, Markapur.
 256149. I.S. No. 1478. A.S. 1030. Palapu Jonna, Donakanda.
 256150. I.S. No. 1479. A.S. 1042. Yerra Jonna, Royachoti.
 256151. I.S. No. 1480. A.S. 1064. Mottai Vellai Cholam'. Erode.
 256152. I.S. No. 1486. A.S. 1672. 'Mottai Vellai Cholam'. Erode.
 256153. I.S. No. 1488. A.S. 2137. Red grain.
 256154. I.S. No. 1499. A.S. 3775. 'Ennai Vellai'. Gobichettipalayam.
 256155. I.S. No. 1500. A.S. 3814. Nilwa Juar, Sabour, S.E. Bihar Range.
 256156. I.S. No. 1501. A.S. 3832. 'Vellai Cholam'. Karur.
 256157. I.S. No. 1503. A.S. 3850. 'Roma Cholam'. Tinnelvely.
 256158. I.S. No. 1509. A.S. 4999. 'Vellai Cholam'. Koilpatti.
 256159. I.S. No. 1510. A.S. 5029. 'Vellai Cholam'. Idikarai.
 256160. I.S. No. 1511. A.S. 5037. 'Vellai Cholam'. Satvamangalam.
 256161. I.S. No. 1512. A.S. 5044. Palapu Jonna, Nellore Dt.
 256162. I.S. No. 1513. A.S. 5045. 'Sen Cholam'. Agoor.
 256163. I.S. No. 1514. A.S. 5046. 'Sen Cholam'. Gudiyattam.
 256164. I.S. No. 1515. A.S. 5049. 'Sen Cholam'. Masinaikenpatti.
 256165. I.S. No. 1516. A.S. 5050. 'Sen Cholam'. Gobichettipalayam.
 256166. I.S. No. 1517. A.S. 5052. 'Sen Cholam'. Tanthoni, Karur.
 256167. I.S. No. 1518. A.S. 5053. 'Sen Cholam'. Kulithalsi.
 256168. I.S. No. 1519. A.S. 5055. 'Sen Cholam'. Dindgul.
 256169. I.S. No. 1521. A.S. 5058. 'Maddapala Cholam'. Guidiyatham.
 256170. I.S. No. 1522. A.S. 5059. 'Gidda Jonna'. Pallipet, Tiruttani.
 256171. I.S. No. 1523. A.S. 5061. 'Vallei Cholam'. Tiruttani.
 256172. I.S. No. 1524. A.S. 5965. Mobbu Jonna, Chittor.
 256173. I.S. No. 1544. A.S. 7951. 'Vellai Cholam'. Chittor.
 256174. I.S. No. 1554. K.S. 152. 'Vaelli Cholam'. Koilpatti.
 256175. I.S. No. 1555. K.S. 152.
 256176. I.S. No. 1571. A.S. 6713. Br. sheath, glume leathery.
 256177. I.S. No. 1573. A.S. 7053.
 256178. I.S. No. 1579. A.S. 9375. Co. 5 x A.S. 3790.
 256179. I.S. No. 1592. C.O. 15. 'Vellai Cholam'. Azhukku.
 256180. I.S. No. 1594. C.O. 17. 'Vellai Cholam'. Katta.
 256181. I.S. No. 1597. K. 2. 'Vellai Cholam'.
 256182. I.S. No. 2174. TPT. 1. 'Talavirichan Cholam'. Pearly.

256183. PRUNUS AMYGDALUS Batsch Amygdalaceae. Almond.

From Iran. Presented by the International Cooperation Administration, Tehran.
Received Mar. 26, 1959.

From native shrubby plants growing on calcareous slopes 40 km. north of Abyek.
Intense drought and summer heat prevail in area.

256184. STRONGYLODON MACROBOTRYS A. Gray Fabaceae.

From the Philippines. Seeds purchased from Mona Lisa Steiner, Pasay City.
Received Mar. 26, 1959.

256185. CINNAMOMUM sp. Lauraceae.

From Peru. Seeds collected by E. E. Smith, near Quillabamba, Dept. Cuzco.
Received Mar. 26, 1959.

256186 to 256244.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New
Crops Research Branch, Crops Research Division, Beltsville, Md. Received
Mar. 26, 1959.

From the Adelaide Botanic Garden, Adelaide, South Australia.

256186. ACACIA ARGYROPHYLLA Hook. Mimosaceae.

Col. No. S-311. Spreading shrub to eight feet high.

256187. ACACIA JUNIPERINA Willd.

Prickly wattle.

Col. No. S-314. Shrub to four feet high; foliage prickly; flowers pale yellow.

256188. ACACIA LIGULATA A. Cunn.

Col. No. S-315. 'Umbrella Bush'. Shrub to eight feet high.

256189. ACACIA NOTABILIS F. Muell.

Col. No. S-316. 'Flinders Range Wattle'. Showy shrub to six feet high and
eight feet wide.

256190. ACACIA OSWALDII F. Muell.

Col. No. S-317. Variable shrub to ten feet high.

256191. ACACIA RIGENS A. Cunn.

Col. No. S-318. Shrub to four feet high; flowers showy.

256192. ACACIA SOWDENII Maid.

Col. No. S-319. 'Myall'. Tree to 20 feet high; crown round; trunks
multiple.

256193. ACACIA SUAVEOLENS (J. E. Sm.) Willd.

Col. No. S-508. 'Sweet Acacia'. Shrub to six feet high.

256194. ACACIA VICTORIAE Benth.

Col. No. S-320. 'Elegant Wattle'. Spiny tree to 12 feet high.

256195. ACACIA WATTSIANA F. Muell.

Col. No. S-321. Shrub to six feet high.

256196. ACROTRICHE DEPRESSA R. Br. Epacridaceae.

Col. No. S-322. 'Native Currant'. Shrub to two feet high; fruits used for
making jam.

256197. ARGANIA SPINOSA (L.) Skeels Sapotaceae.

Col. No. S-337. 'Argan tree'. Tree to 20 feet high.

256198. ATRIPLEX PALUDOSA R. Br. Chenopodiaceae.

Col. No. S-325. 'Marsh Saltbush'. Silvery gray shrub to three feet high.

256199. ATRIPLEX SPONGIOSA F. Muell.

Col. No. S-393. 'Pop Saltbush'. Annual to 18 inches high.

256200. ATRIPLEX VESICARIA Heward

Col. No. S-394. 'Bladder Saltbush'. Shrub to two feet high.

256201. BILLARDIERA LONGIFLORA Labill. Pittosporaceae.

Col. No. S-380. Twining plant; flowers tubular; berries purple, showy.

256186 to 256244—Continued

256202. *BRUNONIA AUSTRALIS* Sm. Goodeniaceae.

Col. No. S-410. Biennial or perennial to 12 inches high; flower heads bright blue.

256203. *CALLISTEMON ACUMINATUS* Cheel Myrtaceae. **Bottlebrush.**

Col. No. S-381. Tall shrub; flowers bright red.

256204. *CALLISTEMON BRACHYANDRUS* Lindl.

Col. No. S-382. Tall shrub; branches drooping; flowers small, red and gold, profuse.

256205. *CALLISTEMON LINEARIS* DC.

Col. No. S-383. Large shrub; leaves linear; flowers large, bright red.

256206. *CALLISTEMON RUGULOSUS* DC.

Col. No. S-384. 'Scarlet Bottlebrush'. Large shrub; flowers pink or red.

256207. *CALLISTEMON TERETIFOLIUS* F. Muell.

Col. No. S-386. Shrub to five feet high; leaves terete; flowers bright red.

256208. *CALLITRIS CUPRESSIFORMIS* Vent. Pinaceae.

Col. No. S-387. Tree to 20 feet high.

256209. *CALOTHAMNUS VALIDUS* S. Moore Myrtaceae.

Col. No. S-388. Shrub to about 10 feet high; leaves terete; flowers red.

256210. *CARMICHAELIA WILLIAMSII* T. Kirk Fabaceae.

Col. No. S-389. Shrub to four feet high; branches compressed; flowers yellow.

256211. *CHORIZEMA CORDATUM* Lindl. Fabaceae.

Col. No. S-411. Small shrub; leaves broad; flowers showy, orange.

256212. *CHORIZEMA ILICIFOLIA* Labill.

Col. No. S-390. Small shrub; leaves hollylike; flowers showy.

256213. *EREMOPHILA LONGIFOLIA* (R. Br.) F. Muell Myoporaceae.

Col. No. S-417. 'Wild Plum Tree'. Shrub or small tree; branches drooping; leaves linear; flowers red.

256214. *EUCALYPTUS ALPINA* Lindl. ex Mitchell Myrtaceae.

Hilltop eucalyptus.

Col. No. S-339. Struggling tree to 15 feet high; flowers white.

256215. *EUCALYPTUS CALYCOGONA* Turcz.

Col. No. S-340. Tree to 20 feet high; flowers pink.

256216. *EUCALYPTUS GRACILIS* F. Muell.

Col. No. S-343. 'Red' or 'White Mallee'. Tall, slender tree.

256217. *EUCALYPTUS INCRASSATA* Labill.

Col. No. S-506. 'Mallee Box'. Tree to 24 feet high; foliage grayish-green; bark smooth, white.

256218. *EUCALYPTUS LEUCOXYLON* var. *MACROCARPA* J. E. Br.

Col. No. S-505. 'Yellow Gum'. Large shrub; bark rough; flowers large, red or white.

256219. *EUCALYPTUS RADIATA* Sieber

Col. No. S-502. 'Common Peppermint'. Occasional tree to 150 feet high; bark persistent.

256186 to 256244—Continued

256220. *EUCALYPTUS TORQUATA* Leuhm.

Col. No. S-345. 'Coral Gum'. Tree to 30 feet high; buds ornamental; flowers pink.

256221. *EUCALYPTUS TRIANTHA* Link.

Col. No. S-501. Tree to 100 feet high.

256222. *EUCALYPTUS* (hybrid).

Col. No. S-346. 'Augusta Wonder'. Tree to 12 feet high; flowers bright red.

256223. *EUCARYA SPICATA* (R. Br.) Sprag. & Summ. Santalaceae.

Col. No. S-338. Tree to six feet high.

256224. *HAKEA PUGIONIFORMIS* Cav. Proteaceae.

Col. No. S-249. Spiny shrub to five feet high; leaves terete; flowers white.

256225. *HETERODENDRUM OLEAEFOLIUM* Desf. Sapindaceae.

Col. No. S-396. 'Bullock Bush'. Shrub to 10 feet high; foliage bluish-green; flowers insignificant.

256226. *HOVEA PUNGENS* Benth. Fabaceae.

Col. No. S-365. Shrub to three feet high; leaves linear-lanceolate, pungent; flowers purple-blue.

256227. *LEPTOSPERMUM ABNORME* F. Muell. Myrtaceae.

Col. No. S-370. Shrub to 10 feet high; flowers white.

256228. *LOTUS AUSTRALIS* Andrews Fabaceae.

Col. No. S-372. Shrubby perennial to three feet high; flowers attractive, pink or white.

256229. *MELALEUCA LINARIFOLIA* Sm. Myrtaceae.

Col. No. S-373. 'Snow in Summer'. Small tree; leaves linear-lanceolate; flowers white.

256230. *MELALEUCA NEGLECTA* Ewart & Wood.

Col. No. S-375. 'Honey myrtle'. Shrub; foliage heathlike; flowers white.

256231. *MELALEUCA UNCINATA* R. Br.

Col. No. S-376. 'Broombush'. Shrub to eight feet high; flowers in yellowish heads.

256232. *MYRIOCEPHALUS STUARTII* (F. Muell. & Sond.) Benth. Asteraceae.

Col. No. S-377. 'Poached-egg Daisy'. Annual to two feet high; foliage gray, woolly; flowers rays white, center large, yellow.

256233. *NITRARIA SCHROBERI* L. Zygophyllaceae.

Col. No. S-378. 'Nitre-Bush'. Low spreading shrub; leaves gray-green; flowers small; berries brown.

256234. *OLEARIA PANNOSA* Hook. Asteraceae.

Col. No. S-350. Shrub to six feet high; leaves gray-green, tomentose; flowers large, white.

256235. *ORTHROSANTHUS CHIMBORACENSIS* (H.B.K.) Baker Iridaceae.

Col. No. S-351. Irislike plant to two feet high; flowers pale-blue.

256236. *PROSTANTHERA BEHRIANA* Schlecht. Menthaceae.

Col. No. S-356. Shrub to five feet high; foliage small, gray, mint-scented; flowers large, pale mauve.

256186 to 256244—Continued**256237. PROSTANTHERA LASIANTHOS** Labill.

Col. No. S-357. 'Xmas Bush'. Shrub or small tree; foliage deep green; flowers in heads, white.

256238. PULTENAEA DAPHNOIDES Wendl. Fabaceae.

Col. No. S-399. Shrub to five feet high; flowers showy heads of orange and brown.

256239. SOLANUM AVICULARE Forst. f. Solanaceae.

Col. No. S-402. 'Kangaroo Apple'. Shrub to eight feet high; flowers large, purple; fruits large, orangelike.

256240. GOSSYPIUM STURTIANUM J. H. Willis. Malvaceae.

Col. No. S-412. 'Sturts Desert Rose'. Small shrub; leaves rounded; flowers mauve.

256241. STYPHELIA ACEROSA (Gaertn.) Laing. & Blackwell Epacridaceae.

Col. No. S-414. Shrub to four feet high; leaves small, prickly; berries red, in masses.

256242. SWAINSONA GREYANA Lindl. Fabaceae.

Col. No. S-361. Shrubby perennial; leaves grayish; flowers in large spikes pink.

256243. VERTICORDIA DENSIFLORA Lindl. Myrtaceae.

Col. No. S-364. Shrub to three feet high; flowers in flat heads, pink.

256244. Undetermined.

Col. No. S-352. 'Morning Iris'. Irislike plant to 18 inches high; flowers pale blue.

256245 and 256246.

From Germany. Trees presented by J. Timm & Co., Baumschulen, Elmshorn. Received Mar. 27, 1959.

256245. EUONYMUS EUROPAEUS L. Celastraceae. **European burningbush.**
'Selecta'.**256246. MALUS PRUNIFOLIA** (Willd.) Borkh. Malaceae. **Pearleaf crabapple.****256247. FRAGARIA CHILOENSIS** (L.) Duchesne Rosaceae.
Chiloe strawberry.

From Bolivia. Plants presented by the Servicio Agricola Inter-Americano, La Paz. Received Mar. 27, 1959.

'Criolla'.

256248. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From Germany. Tubers presented by the Max Planck Institute of Plant Breeding, Kolnvogelsang. Received Mar. 27, 1959.

No. 55,957/97.

256249. VIGNA SINENSIS (Torner) Savi Fabaceae.
Common cowpea.

From Nigeria. Seeds presented by the Ministry of Agriculture and Natural Resources, Moor Plantation, Ibadan. Received Mar. 30, 1959.

No. V-62.

256250 and 256251.

From Mexico. Seeds collected by Meyer and Rogers, Nuevo Leon. Numbered Mar. 27, 1959.

256250 and 256251—Continued

256250. AGAVE sp. Amaryllidaceae.

No. 2994. Cerro del Viejo, District Zaragoza. August 1948. Elevation 3,100 meters.

256251. MANFREDA sp. Amaryllidaceae.

No. 2792. Shaded cliffs, limestone, Tamualipas-Nuevo Leon border. July, 1948. Elevation 1,500 meters.

256252. CRATAEGUS AZAROLUS L. Malaceae. **Hawthorn.**

From Italy. Seeds presented by the Istituto Botanico Dell' Universita, Siena. Received Mar. 30, 1959.

256253. BRASSICA OLERACEA var. CAPITATA L. Brassicaceae. **Cabbage.**

From Indonesia. Seeds presented by the United States Operations Mission, Djakarta. Received Mar. 30, 1959.

Resistance to attack from common cabbage looper and some cabbage viruses.

256254 to 256258.

From Great Britain. Seeds purchased from Hillier & Sons, Winchester, England. Received Mar. 30, 1959.

256254. BETULA ERMANNII var. SUBCORDATA Koidz. Betulaceae.

256255. ENKIANTHUS CAMPANULATUS (Miq.) Nicholson Ericaceae.

256256. MAGNOLIA WILSONII (Finet & Gagn.) Rehder Magnoliaceae. **Wilson magnolia.**

256257. PINUS GRIFFITHII McClell. Pinaceae. **Pine.**

256258. TETRACENTRON SINENSE Oliver Magnoliaceae.

256259 to 256261. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From the United States. Seeds presented by the University of California, Davis. Numbered Mar. 30, 1959.

256259. LA 212 52 L 352-18 (gs) (true breeding).

256260. 2-44 56 L 455-2x456 (ms₈) ('San Marzano').

256261. 2-98 55 L 671-4x672-2 (ms₈) ('San Marzano').

256262. PELARGONIUM GRAVEOLENS L'Her. Geraniaceae.

Origin unknown. From the Drug Garden, Plant Industry Station, Beltsville, Md. May 1957. Numbered Mar. 30, 1959.

256263. PELARGONIUM (hybrid).

Origin unknown. From the Drug Garden, Plant Industry Station, Beltsville, Md. May 1957. Numbered Mar. 30, 1959.

256264 to 256321.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Mar. 30, 1959.

256264. ACACIA AURICULAEFORMIS A. Cunn. ex Benth. Mimosaceae.

Col. No. S-541. Brisbane Botanic Garden, Brisbane, Queensland. Small tree; phyllodes glaucous; pods large, twisted; flowers in spikes to three inches long.

256265. ACACIA DRUMMONDII Lindl.

Col. No. S-519. H. G. Kershaw, St. Ives, New South Wales. Shrub to three feet high; leaves pinnate; flowers catkinlike, in heads.

256265 to 256321—Continued

- 256266.** *ACTINOTIS HELIANTHI* Labill. Apiaceae. **Flannel-flower.**
Col. No. S-517. Garden of P. J. Parry, Kariong, New South Wales. Grey tomentose erect annual to two feet high; flowers in large heads, white.
- 256267 to 256271.** Botanic Garden, Brisbane, Queensland.
- 256267.** *ALSTONIA CONSTRICTA* F. Muell. Apocynaceae.
Col. No. S-608. Tree to 20 feet high; flowers white.
- 256268.** *ANGOPHORA SUBVELUTINA* F. Muell. Myrtaceae.
Col. No. S-555. Spreading tree to 40 feet high; bark rough; leaves grayish, sessile; flowers white, showy.
- 256269.** *BARKLYA SYRINGIFOLIA* F. Muell. Fabaceae.
Col. No. S-598. Slow-growing tree to 40 feet high; foliage glossy green; flowers bright yellow.
- 256270.** *BAUHINIA CUNNINGHAMII* Benth. Caesalpiniaceae.
Col. No. S-584. No data.
- 256271.** *BAUHINIA HOOKERI* F. Muell.
Col. No. S-578. Spreading tree to 20 feet high; flowers large; petals white, stamens and pistil red.
- 256272.** *BILLARDIERA SCANDENS* J. E. Sm. Pittosporaceae.
Col. No. S-533. Highway between Montrose and Kalorama, northwest slopes of Dandenong Ranges, Victoria. Evergreen twining vine to six feet high; flowers blue.
- 256273.** *BRUNONIA AUSTRALIS* J. E. Sm. Goodeniaceae.
Col. No. S-529. Goonoo Forest, 16 miles from Dubbo, New South Wales. Perennial herb; leaves in rosettes from which flower stalks to one foot high rise; heads one inch in diameter; flowers blue.
- 256274.** *CALLISTEMON PACHYPHYLLUS* Cheel Myrtaceae.
Col. No. S-587. Botanic Garden, Brisbane, Queensland. Shrub to 15 feet high.
- 256275.** *CALLITRIS CUPRESSIFORMIS* Vent. Pinaceae.
Col. No. S-551. Botanic Garden, Brisbane. Conical evergreen tree to 40 feet high.
- 256276.** *CALOTHAMNUS LONGISSIMUS* F. Muell. Myrtaceae.
Col. No. S-512. Alison Ashbym's garden, Blackwood, South Australia. Straggly shrub; flowers inconspicuous.
- 256277.** *CASSIA DELOLATA* F. Muell. Caesalpiniaceae.
Col. No. S-557. Botanic Garden, Brisbane, Queensland. Shrub; flowers yellow.
- 256278.** *CERATOPETALUM GUMMIFERUM* J. E. Sm. Cunoniaceae.
Col. No. S-633. 'Christmas Bush'. G. W. Althofer, Dripstone, New South Wales. Tree to 30 feet high; flowers white, profuse; bracts bright red.
- 256279.** *CLEMATIS GLYCINOIDES* DC. Ranunculaceae.
Col. No. S-514. Wilds near Pymble, New South Wales. Evergreen woody climber; flowers white.
- 256280 and 256281.** *CRASPEDIA RICHA* Cass. Asteraceae.
- 256280.** Col. No. S-651. Mt. Buffalo, Victoria. Alpine herbaceous perennial; leaves in rosettes; flowers yellow, to one inch in diameter.
- 256281.** Col. No. S-650. Mogriguy, New South Wales. Lowland herbaceous perennial; leaves in rosettes; flowers in heads, yellow, arise from rosettes.

256265 to 256321—Continued

256282. *CYCAS MEDIA* R. Br. Cycadaceae.

Col. No. S-628. Botanic Garden, Brisbane, Queensland. Plant slow growing, to 12 feet high.

256283. *DILLWYNIA ERICIFOLIA* Sm. Fabaceae.

Col. No. S-515. Wilds near Pymble, New South Wales. Erect, heathlike shrub to four feet high; flowers yellow, in clusters.

256284. *ELAEOCARPUS CYANEUS* Ait. Elaeocarpaceae.

Col. No. S-579. Botanic Garden, Brisbane, Queensland. Tree to 10 feet high.

256285. *EREMOPHILA MACULATA* (Ker.) F. Muell. Myoporaceae.

Col. No. S-566. Northern Territory. Shrub to three feet high; flowers red or yellow.

256286 to 256289. From Botanic Garden, Brisbane, Queensland.

256286. *ERYTHRINA VESPERTILIO* Benth. Fabaceae. **Coraltree.**

Col. No. S-622. Small tree; flowers salmon.

256287. *EUCALYPTUS STAIGERIANA* F. Muell. Myrtaceae.

Col. No. S-581. Tree to 40 feet high.

256288. *FIGUS PLATYPODA* (Miquel) A. Cunn. Moraceae.

Col. No. S-593. A tall tree; fruits attractive.

256289. *GOODIA PUBESCENS* Sims. Fabaceae.

Col. No. S-590. Shrub to 12 feet high; yellow flowers with purple markings, in racemes.

256290. *GREVILLEA BANKSII* R. Br. Proteaceae.

Col. No. S-520. H. G. Kershaw, St. Ives, New South Wales. Shrub to six feet; flowers creamy-white.

256291. *HAKEA DACTYLOIDES* (Gaertn.) Cav. Proteaceae.

Col. No. S-522. Tall shrub; flowers small, whitish, in axillary clusters.

256292 to 256294. Botanic Garden, Brisbane, Queensland.

256292. *HIBISCUS HETEROPHYLLUS* Vent. Malvaceae.

Col. No. S-558. Sparsely branched tree to 20 feet high, flowers white to purplish-pink.

256293. *HIBISCUS RADIATUS* Cav.

Col. No. S-543. Sub-shrub; flowers pink or white.

256294. *HIBISCUS SPLENDENS* Fras. ex R. Grah.

Col. No. S-561. Shrub; flowers pink, center deeper.

256295. *IPOGON LATIFOLIUS* R. Br. Proteaceae.

Col. No. S-635. G. W. Althofer, Dripstone, New South Wales. Shrub to six feet high; flowers rose-pink.

256296. *KERAUDRENIA INTEGRIFOLIA* Steud. Sterculiaceae.

Col. No. S-599. Northern Territory. Shrub to two feet high; calyx purplish.

256297. *KOCHIA SEDIFOLIA* F. Muell. Chenopodiaceae. **Summer-cypress.**

Col. No. S-604. Botanic Garden, Brisbane, Queensland. Shrub to four feet high.

256265 to 256321—Continued

- 256298 and 256299.** *LAMBERTIA FORMOSA* Smith Proteaceae.
256298. Col. No. S-523.
256299. Col. No. S-647. G. W. Althofer, Dripstone, New South Wales. Shrub to four feet high; flowers red, interesting; seed pods unusual.
- 256300.** *LEPTOSPERMUM CORIACEUM* Cheel Myrtaceae.
 Col. No. S-509. Coonalpyn, South Australia. Shrub to six feet high; foliage grayish-green; flowers white.
- 256301 to 256303.** Botanic Garden, Brisbane, Queensland.
256301. *MACADAMIA INTEGRIFOLIA* Maiden & Betche Proteaceae.
 Col. No. S-626. Ornamental evergreen tree to 20 feet high; fruit edible, shell hard.
256302. *MACROZAMIA MACDONELLII* F. Meull. Cycadaceae.
 Col. No. S-631. Foliage gray.
256303. *MELALEUCA CHEELII* C. T. White Myrtaceae.
 Col. No. S-617. Shrub to eight feet high; flowers white, in spikes.
- 256304.** *MELALEUCA GLOMERATA* F. Muell.
 Col. No. S-615. Northern Territory. Xerophytic shrub to 10 feet high; flowers white.
- 256305 and 256306.** *MELALEUCA LEUCADENDRON* L. **Cajeput-tree.**
256305. Col. No. S-562. Northern Territory. Shrub to 15 feet high; flowers light green.
256306. Col. No. S-582. Maryborough, Queensland. Tree to 20 feet high.
- 256307.** *OLEARIS GUNNIANA* (DC.) Hook. f. Asteraceae.
 Col. No. S-648. G. W. Althofer's garden, Dripstone, New South Wales. Shrub to three feet high; flowers pink, daisylike.
- 256308.** *OPERCULINA TURPETHUM* (L.) Manso. Convolvulaceae.
 Col. No. S-614. Northern Territory. Woody vine; flowers white.
- 256309.** *PAVETTA INDICA* L. Rubiaceae. **Pawatta.**
 Col. No. S-605. Botanic Garden, Brisbane, Queensland. Shrub to six feet high; flowers numerous, white, jasmine scented.
- 256310.** *PERSOONIA JUNIPERINA* Labill. Proteaceae.
 Col. No. S-518. H. G. Kershaw, St. Ives, New South Wales. Bushy shrub to six feet high; foliage fine, needlelike.
- 256311.** *PETREA VOLUBILIS* L. Verbenaceae.
 Col. No. S-632. Botanic Garden, Brisbane, Queensland. Vine; flowers lavender-blue, profuse.
- 256312.** *PITHECELLOBIUM GRANDIFLORUM* Benth. Mimosaceae.
 Col. No. S-616. Botanic Garden, Brisbane, Queensland. Tree to six feet high; flowers precocious; stamens white, pink tipped.
- 256313.** *PROSTANTHERA NIVEA* A. Cunn. Menthaceae.
 Col. No. S-526. G. W. Althofer's garden, Dripstone, New South Wales. Shrub to five feet high; flowers pale blue.
- 256314.** *PROSTANTHERA ROTUNDIFOLIA* R. Br.
 Col. No. S-528. 'Mint bush'. Jones Creek Road, 10 miles from Dubbo, New South Wales. Bush to six feet high; foliage small; flowers mauve.
- 256315.** *PROSTANTHERA* sp.
 Col. No. S-528. Goonoo Forest, 16 miles from Dubbo, New South Wales. Open shrub to four feet high; flowers lavender.

256265 to 256321—Continued

256316. RHODOSPHAERA RHODANTHEMA (F. Muell.) Engler Anacardiaceae.

Col. No. S-629. Botanic Garden, Brisbane, Queensland. Tree to 30 feet high; flowers masses of pink to red; fruits masses of pink, turning brown.

256317 and 256318. SYNCARPIA GLOMULIFERA (J. E. Sm.) Niedenzu Myrtaceae.

256317. Col. No. S-524. Wild near Pymble, New South Wales. Medium to large evergreen tree; flowers white, very showy.

256318. Col. No. S-539. Botanic Garden, Brisbane, Queensland.

256319. TELOPEA SPECIOSISSIMA (J. E. Sm.) R. Br. Proteaceae.

Col. No. S-636. 'Waratah'. G. W. Althofer garden, Dripstone, New South Wales. Attractive shrub to eight feet high; flowers in large heads, bright red.

256320. THOMASIA MACROCARPA Hueg. Sterculiaceae.

Col. No. S-653. G. W. Althofer, Perth, Western Australia. Shrub to five feet high; flowers pale violet.

256321. TURRAEA OBTUSIFOLIA Hochst. Meliaceae.

Col. No. S-610. Botanic Garden, Brisbane, Queensland. Evergreen shrub to four feet high; foliage fine; flowers small, white, profuse.

256322 to 256329. ALLIUM CEPA L. Liliaceae.

Onion.

From Brazil. Seeds presented by the Instituto Agronomico do Estado de Sao Paulo, Campinas. Received Mar. 30, 1959.

256322. 'Amarela Globular', 'Seelina'.

256323. 'Amarela Globular', 'Rio Grande'.

256324. 'Amarela Globular', 'Sintese No. 32'.

256325. 'Baia Periforme', 'Sintese No. 22'.

256326. 'Baia Periforme', 'Sintese No. 26'.

256327. 'Baia Periforme', 'Sintese No. 30'.

256328. 'Pera Baia', 'Sintese No. 13'.

256329. 'Pera Vermelha', 'Sintese No. 14'.

256330 and 256331.

From Italy. Cuttings presented by the Central Experiment Station, Department of Forestry, Rome. Received Mar. 31, 1959.

256330. POPULUS sp. Salicaceae.

No. 1-214.

256331. POPULUS sp.

No. 1-455.

256332. PRUNUS PERSICA (L.) Batsch Amygdalaceae.

Peach.

From Italy. Scions presented by Arturo Ansaloni, Bologna. Received Mar. 31, 1959.

'Gialla Precoce Morettini'.

256333. EUONYMUS sp. Celastraceae.

From Japan. Plants presented by Tsuneshige Rokujo, Toshima-Ku, Senkawa-Machi, Tokyo. Received Mar. 31, 1959.

256334 to 256344.

From Pakistan. Seeds collected by the United States Operations Mission, Herat. Received Mar. 31, 1959.

256334 to 256344—Continued

- 256334 and 256335. *HELIANTHUS ANNUUS* L. Asteraceae. Common sunflower.
- 256334. No. 1.
- 256335. No. 2.
- 256336. *HORDEUM* sp. Poaceae.
- 256337 and 256338. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.
- 256337. No. 1.
- 256338. No. 2.
- 256339 and 256340. *ORYZA SATIVA* L. Poaceae. Rice.
- 256339. No. 1.
- 256340. No. 2.
- 256341 and 256342. *VIGNA SINENSIS* (Torner) Savi Fabaceae. Common cowpea.
- 256341. No. 1.
- 256342. No. 2.
- 256343 and 256344. *TRIFOLIUM RESUPINATUM* L. Fabaceae. Persian clover.
- 256343. No. 1.
- 256344. No. 2.

256345 to 256375.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Apr. 1, 1959.

Collected in South Australia.

- 256345. *ACTINOTUS LEUCOCEPHALUS* Benth. Apiaceae.
- Flowers white, silky velvet.
- 256346. *CALADENIA FLAVIA* R. Br. Orchidaceae. Orchid.
- 256347. *CALADENIA PATERSONII* R. Br. Orchid.
- 256348. *CALADENIA ROEI* Benth. Orchid.
- 256349. *CALYTHRIX* sp. Myrtaceae.
- 256350. *CHAMAESCILLA CORYMBOSA* F. Muell. Liliaceae.
- 256351. (Undetermined). Pittosporaceae.
- 256352. *CONOSPERMUM* sp. Proteaceae.
- 256353. *DIURIS LONGIFOLIA* R. Br. Orchidaceae. Orchid.
- 256354. *DIURIS SETACEA* R. Br. Orchid.

Flowers yellow.

- 256355. *HELIPTERUM MANGLESII* (Lindl.) F. Muell. Asteraceae.
- 256356. *HELIPTERUM* sp.
- 256357. *HELIPTERUM* sp.
- 256358. *HELIPTERUM* sp.
- 256359. *HELIPTERUM* sp.
- 256360. *KENNEDYA PROSTRATA* R. Br. Fabaceae.
- 256361. *MELALEUCA CORDATA* Benth. Myrtaceae.
- 256362. *MELALEUCA STEEDMANII* C. A. Gardn.
- 256363. *MELALEUCA* sp.
- 256364. *PODOLEPSIS ARISTATA* Benth. Asteraceae.

256345 to 256375—Continued

256365. *THELYMITRA ANTENNIFERA* Hook. f. Orchidaceae. **Orchid.**

256366. *VERTICORDIA GRANDIS* Drum. Myrtaceae.

256367. *VERTICORDIA* sp.

Shrub to 18 inches high.

256368. *VERTICORDIA* sp.

Shrub to 18 inches high; flowers yellow.

256369. *LEPTOSPERMUM* sp. Myrtaceae.

Shrub to eight feet high; flowers precociously.

256370. (Undetermined).

Flowers blue, three-petaled, tiny, fragile.

256371. (Undetermined).

Flowers cream-colored; markings red.

256372. (Undetermined).

Shrub to 10 feet high; flowers yellow, buttercup shape.

256373. (Undetermined).

'Sun Dew Creepers'.

256374. (Undetermined).

'Pride of the West'. Twining.

256375. (Undetermined).

256376. *GLYCINE MAX* (L.) Merr. Fabaceae. **Soybean.**

From India. Seeds presented by Howard L. Roach, New Delhi. Received Apr. 1959.

256377 and 256378.

From Italy. Cuttings presented by the Central Experiment Station, Department of Forestry, Rome. Received Apr. 1, 1959.

256377. *POPULUS* sp. Salicaceae.

No. 1-154.

256378. *POPULUS* sp.

No. 1-262.

256379 and 256380.

From Nepal. Scions and seeds presented by G. N. Gibb, Katmandu.

Received Apr. 2, 1959.

256379. *PRUNUS* sp. Amygdalaceae.

Collected by the Charge de Affairs, British Embassy, Katmandu at 6,000 feet elevation. Cherry tree to 60 feet high; flowers red.

256380. *PYRUS COMMUNIS* L. Malaceae.

Pear.

'Naspati'. Wild variety.

256381. *CITRUS RETICULATA* Blanco Rutaceae. **Mandarin orange.**

From Hawaii. Scions presented by the Agricultural Experiment Station, Oahu. Received Apr. 2, 1959.

Tree perennial bearer, fruiting heavy in spring months; fruits large. A recently developed variety which shows promise for commercial use in California.

256382 to 256427.

From El Salvador, Costa Rica, and Guatemala. Seeds collected by R. W. Allard and Carl Tucker, agricultural explorers, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Apr. 2, 1959.

Collected in El Salvador except where otherwise noted.

256382 to 256422. PHASEOLUS LUNATUS L. Fabaceae. **Lima bean.**

256382. No. 1. 'Chilipuca Blanca'. Chalchuapa market.
 256383. No. 2. 'Chilipuca Baya'. Chalchuapa market.
 256384. No. 3. 'Chilipuca Zarda Roja'. Chalchuapa market.
 256385. No. 4. 'Chilipuca Roja'. Santa Telca.
 256386. No. 5. 'Chilipuca Amarilla'. Chalchuapa market.
 256387. No. 7. 'Juruma'. Textistegue.
 256388. No. 8. 'Chilipuca Zarda'. Chalchuapa market.
 256389. No. 9. 'Chilipuca Negra Redonda'. Chalchuapa market.
 256390. No. 10. 'Chilipuca Negra Plana'.
 256391. No. 12.

256392 to 256399. 'Chilipuca'. From Santa Ana market.

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| 256392. No. 13. | 256396. No. 17. |
| 256393. No. 14. | 256397. No. 18. |
| 256394. No. 15. | 256398. No. 19. |
| 256395. No. 16. | 256399. No. 20. |

256400 to 256406. 'Chilipuca'. Chalchuapa market.

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| 256400. No. 21. | 356404. No. 25. |
| 256401. No. 22. | 256405. No. 26. |
| 256402. No. 23. | 256406. No. 27. |
| 256403. No. 24. | |

256407 to 256416. Collected in vacant lot, San Jose, Costa Rica.

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| 256407. No. 28. | 256412. No. 33. |
| 256408. No. 29. | 256413. No. 34. |
| 256409. No. 30. | 256414. No. 35. |
| 256410. No. 31. | 256415. No. 36. |
| 256411. No. 32. | 256416. No. 37. |

256417. No. 38. San Josecito, Alejuela, Costa Rica.

256418. No. 39. San Josecito, Alejuela, Costa Rica.

256419 to 256422. Farm of Marcus Morera, near Alejuela, Costa Rica.

256419. No. 40.
 256420. No. 41.
 256421. No. 42.
 256422. No. 43.

256423 and 256424. PHASEOLUS VULGARIS L. **Common bean.**

256423. No. 6.
 256424. No. 11. 'Menudo Blanco Arroz'.

256425. PHASEOLUS sp.

No. 44. 'Cuba'. Farm of Hipolito Garcia, San Isidro, Costa Rica.

256382 to 256427—Continued

256426 and 256427. From Guatemala.

256426. PHASEOLUS sp.

No. 45. Chickicastenango.

256427. PHASEOLUS sp.

No. 46. Chickicastenango.

256428. GOSSYPIMUM (hybrid). Malvaceae. **Cotton.**

From Panama. Seeds presented by Anderson Clayton & Co., Houston, Texas.
Received Apr. 3, 1959.

Collected in Panama City area.

256429 to 256482.

From Australia. Collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Apr. 3, 1959.

Botanical Garden, Brisbane, Queensland, Jan. 1959.

256429. ABUTILON LEUCOPETALUM F. Muell. Malvaceae.

Col. No. S-586. Xerophytic shrub to four feet high; flowers pale yellow.

256430. ACACIA BIDWILLII Benth. Mimosaceae.

Col. No. S-545. Tree to 20 feet high; flowers pale yellow.

256431. ACACIA LINIFOLIA var. PROMINENS (A. Cunn.) Moore.

Col. No. S-536. Broad-headed tree to 20 feet high; flowers bright yellow.

256432. ALCHORNEA ILICIFOLIA F. Muell. Euphorbiaceae.

Col. No. S-588. Shrub to 12 feet high.

256433. ALPINIA CAERULEA Benth. Zingiberaceae.

Col. No. S-613. Herb to six feet high; flowers blue.

256434. (Undetermined). Myrtaceae.

Col. No. S-553. Shrub; flowers white.

256435. (Undetermined).

Col. No. S-591. Shrub; young growth pinkish; flowers white or pale pink.

256436. BLANDFORDIA FLAMMEA Lindl. Liliaceae.

Col. No. 573. Herb; leaves in narrow rosettes; flowers in racemes, drooping, red and yellow.

256437. STERCULIA TRICHOSIPHON Benth. Sterculiaceae.

Col. No. S-542. Deciduous tree to 20 feet high.

256438. CALLISTEMON PACHYPHYLLUS Cheel Myrtaceae.

Col. No. S-625. 'Viridis'. Flowers green.

256439. CASSIA DESOLATA F. Muell. Caesalpinaceae.

Col. No. S-575. 'Tomentosa'.

256440. CASSIA MARKSIANA Domin.

Col. No. S-585. Rainforest tree to 80 feet high; flowers yellow, in long racemes.

256441. COCHLOSPERMUM FRASERI Planch. Cochlospermaceae.

Col. No. S-595. Precocious deciduous tree to 20 feet high; flowers large, yellow.

256442. DENHAMIA PITTOSPOROIDES F. Muell. Celastraceae.

Col. No. S-600. Evergreen rainforest tree; leaves toothed when young.

256429 to 256482—Continued

- 256443.** *DODONAEA MEGAZYGA* F. Muell. Sapindaceae.
Col. No. S-606. Spindly shrub; fruits attractive.
- 256444.** *EPACRIS OBTUSIFOLIA* Sm. Epacridaceae.
Col. No. S-612. Diffuse shrub to three feet high; flowers white.
- 256445.** *EREMOPHILA LATROBEI* F. Muell. Myoporaceae.
Col. No. S-544. Shrub to 14 feet high; flowers red.
- 256446.** *EREMOPHILA LONGIFOLIA* (R. Br.) F. Muell.
Col. No. S-549. Shrubby plant; flowers brownish-red.
- 256447.** *EUCALYPTUS MICROTHECA* F. Muell. Myrtaceae.
Col. No. S-597. Tree to 40 feet high; bark white.
- 256448.** *EUCALYPTUS PHAEOTRICHA* Blakely & McKie
Col. No. S-552. Tall tree.
- 256449.** *FICUS OPPOSITA* Miq. Moraceae.
Col. No. S-577. Small spreading tree.
- 256450.** *GOMPHRENA CANESCENS* R. Br. Amaranthaceae.
Col. No. S-603. Annual to 18 inches high; flowers pink.
- 256451.** *GOMPHRENA FLACCIDA* R. Br.
Col. No. 550. Herb to 18 inches high; flowers pink.
- 256452.** *GREVILLEA CHRYSODENDRUM* R. Br. Proteaceae.
Col. No. S-592. Tree to 20 feet high; flowers orange.
- 256453.** *GREVILLEA HELIOSPERMA* R. Br.
Col. No. S-580. Tree to 12 feet high; flowers red.
- 256454.** *GREVILLEA MIMOSOIDES* R. Br.
Col. No. S-564. Tree to 20 feet high; phyllodes acacialike; flowers white; pericarp resin caustic.
- 246455.** *HAKEA ARBORESCENS* R. Br. Proteaceae.
Col. No. S-570. Tree; young growth reddish to bronze; flowers small, white.
- 256456.** *HIBISCUS PANDURAEFORMIS* Burm. f. Malvaceae.
Col. No. S-554. Shrub; flowers yellow.
- 256457.** *HOVEA ACUTIFOLIA* A. Cunn. Fabaceae.
Col. No. S-611. Shrub to six feet high; flowers intense mauve, close to the stem.
- 256458.** *INDIGOFERA PRATENSIS* F. Muell. Fabaceae.
Col. No. S-569. Shrubby plant to two feet high; flowers bright pink.
- 256459.** *IXORA TIMORENSIS* Deene. Rubiaceae.
Col. No. S-583. Rainforest shrub to six feet high; flowers white.
- 256460.** *LEPTOSPERMUM LIVERSIDGEI* R. T. Baker & H. G. Sm. Myrtaceae.
Col. No. S-540. Shrub to 12 feet high; branches erect; leaves lemon-scented when crushed; flowers pink or white.
- 256461.** *LEPTOSPERMUM MICROCARPUM* Cheel
Col. No. S-565. Shrub; flowers white.
- 256462.** *LEPTOSPERMUM SEMIBACCATUM* Cheel
Col. No. S-563. Shrub to three feet high; flowers white and pink.

256429 to 256482—Continued

256463. *MELALEUCA ARGENTEA* W. V. Fitzg. Myrtaceae.

Col. No. S-621. Tall tree; foliage weeping; flowers greenish, turning reddish at maturity.

256464. *MILLETIA MAIDENIANA* F. M. Bailey Fabaceae.

Col. No. S-627. Vine; flowers pale lavender, in racemes.

256465. *NEWCASTLIA SPODIOTRICHA* F. Muell. Verbenaceae.

Col. No. S-537. Shrub; foliage white trichome-covered.

256466. *NOTELAEA LONGIFOLIA* Vent. Oleaceae.

Col. No. S-609. Tree to 20 feet high; crown broad; flowers numerous, white or cream-colored.

256467. *NOTOXYLINON AUSTRALE* Lewton Malvaceae.

Col. No. S-568. (No data).

256468. *OLEARIA STUARTII* F. Muell. Asteraceae.

Col. No. S-619. Small, densely glandular, viscid, divaricately branched shrub.

256469. *ORTHOHYLAX GLABERRIMUS* Skottsb. Philydraceae.

Col. No. S-601. Wet rocky slopes and creek banks. Irislike herb; inflorescences large; flowers pink in bud, opening white.

256470. *OWENIA VERNICOSA* F. Muell. Meliaceae.

Col. No. S-630. Deciduous tree to 30 feet high; leaves shining green, pinnate, clustered at ends of branches; flowers white.

256471. *PLUMBAGO ZEYLANICA* L. Plumbaginaceae.

Col. No. S-594. Shrub to three feet high; flowers white.

256472. *POMADERRIS PILIFERA* N. A. Wakefield Rhamnaceae.

Col. No. S-168. Shrub.

256473. *SOLANUM STUARTIANUM* F. Muell. Solanaceae.

Col. No. S-574. (No data).

256474. *STERCULIA RAMIFLORA* (R. Br.) Benth. Sterculiaceae.

Col. No. S-607. Tree to 20 feet high.

256475. *TEMPLETONIA HOOKERI* Benth. Fabaceae.

Col. No. S-548. (No data).

256476. *TERNSTROEMIA CHERRYI* Merr. Theaceae.

Col. No. S-547. Tree to 30 feet high.

256477. *POLYSCIAS ELEGANS* (Moore & F. Muell.) Harms Araliaceae.

Col. No. S-538. Fast growing tree; foliage attractive; inflorescences large; flowers smoky-violet.

256478. *TRACHYMENE COERULEA* R. Grah. Apiaceae.

Col. No. S-546. Herb; stems to three feet high; leaves in rosettes; flower heads smoky-blue.

256479. *TRICHINIUM CALOSTACHYUM* F. Muell. Amaranthaceae.

Col. No. S-620. Annual herb; inflorescence purplish-red.

256480. *TRICHINIUM MACROCEPHALUM* R. Br.

Col. No. S-571. Herb; flowers green.

256481. *TRICHINIUM NOBILE* Lindl.

Col. No. S-603. Perennial herb; leaves in rosettes; flowers in spikes, purple, red or pink.

256429 to 256482—Continued**256482.** *XANTHOSTEMON OPPOSITIFOLIUS* F. M. Bailey Myrtaceae.

(No data).

256483 to 256485. *MALUS SYLVESTRIS* Mill. Malaceae.**Common apple.**

From Sweden. Scions presented by the Balsgard Fruit Breeding Institute, Fjalkestad. Received Apr. 3, 1959.

256483. 'Ingrid Marie O.P.' BM 6029.**256484.** 'Ingrid Marie' × 'Filippa'. BM 31021.**256485.** 'Yellow Transparent' × 'Red Ananas'.**256486 to 256488.** *VITIS VINIFERA* L. Vitaceae. **European grape.**

From France. Cuttings presented by Maclet-Botton, Villefranche-en-Beaujolais, Rhone. Received Apr. 3, 1959.

256486. 'Burdin 7061'.**256487.** 'Burdin 7705'.**256488.** 'Joannes Seyve 26-205'.**256489 to 256492.** *MESPILUS GERMANICA* L. Malaceae. **Medlar.**

From Great Britain. Trees presented by the John Innes Horticultural Institute, Bayfordberry Hertford, Herts, England. Received Apr. 6, 1959.

256489. 'C. M. Asnieresii'.**256491.** 'C. M. Bonnier'.**256490.** 'C. M. Batesonii'.**256492.** 'C. M. Burnnii'.**256493 and 256494.**

From the British West Indies. Seeds presented by R. S. Cowan, Trinidad. Received Apr. 6, 1959.

256493. *ANEMOPAEGMA CHRYSOLEUCUM* (H. B. K.) Sandwith Bignoniaceae.**256494.** *ONOHUALCOA HELIICALYX* (O. Ktze.) Sandwith Bignoniaceae.**256495 to 256501.**

From the United States. Plants presented by the Missouri Botanical Garden, St. Louis, Missouri; now growing at the United States Plant Introduction Station, Glenn Dale, Md. Numbered Apr. 6, 1959.

256495. *ACER CARPINIFOLIUM* Sieb. & Zucc. Aceraceae. **Hornbeam maple.**Formerly from Japan. An ornamental with foliage resembling *Carpinus*.**256496.** *CARPINUS TURZANINOVII* Hance Betulaceae. **Hornbeam.**

Formerly from the Arboretum, Kornik, Poland. A small tree grown for autumnal foliage.

256497. *CORNUS MAS* L. Cornaceae.**Cornelian-cherry.**

Formerly from Ankara, Turkey.

256498. *COTONEASTER RACEMIFLORA* var. *NUMMULARIA* (Fisch. & Mey.) Dipp. Malaceae.

Formerly from Ankara, Turkey. Deciduous species; fruit red, in clusters.

256499. *MAGNOLIA SALICIFOLIA* (Sieb. & Zucc.) Maxim. Magnoliaceae.**Anise magnolia.**

Formerly from Toyama Prefecture, Japan. A variable species.

256500. *PLATANUS ORIENTALIS* L. Platanaceae.**Oriental planetree.**

Formerly from Turkey.

256495 to 256501—Continued

256501. *ROBINIA PSEUDOACACIA* L. Fabaceae. **Common locust.**

Formerly from Vilmorin-Andrieux Nursery, Paris, France.
A columnar form with the habit of the Lombardy poplar.

256502 and 256503. *ZEPHYRANTHES CANDIDA* (Lindl.) Herb.
Amaryllidaceae.

From Chile and Argentina. Bulbs collected and presented by Messrs.
Blood and Tremelling. Numbered Apr. 6, 1959.

256502. Mountain side west of Tucuman, Argentina. Collected April, 1938.

256503. "El Vergel", Angol, Chile.

256504. *ACER CAPILLIPES* Maxim. Aceraceae.

From the United States. Seeds presented by the Missouri Botanical Garden,
St. Louis, Missouri. Received Jan., 1958. Numbered Apr. 6, 1959.

Formerly from Rochester, New York.

256505. *CORNUS FLORIDA* var. *URBINIANA* Waug. Cornaceae.

From Mexico. Seed collected by F. G. Meyer, Tamaulipas and Nuevo Leon.
Numbered Apr. 6, 1959.

Collected at 5,000 feet elevation.

256506. *FAGUS ORIENTALIS* Lipsky Fagaceae.

From Turkey. Seeds collected by Baki Kasapliligil, near Ankara.

Numbered Apr. 6, 1959.

256507. *HAMAMELIS JAPONICA* Sieb. & Zucc. Hamamelidaceae.
Japanese witch-hazel.

From Japan. Seeds collected by S. Kirino, Toyama Prefecture.
Received in 1954. Numbered Apr. 6, 1959.

Deciduous shrub to 15 feet high; flowers vary from clear yellow through
reddish-yellow. Spring flowering.

256508. *PINUS BUNGEANA* Zucc. Pinaceae. **Lacebark pine.**

From Korea. Donor unknown. Received in 1955. Numbered Apr. 6, 1959.
Evergreen tree; exfoliating bark white, green beneath.

256509. *PLATANUS ORIENTALIS* L. Platanaceae.
Oriental planetree.

From Turkey. Presented by an unknown donor, Ankara. Received in 1954.
Numbered Apr. 6, 1959.

256510. *XANTHOCERAS SORBIFOLIA* Bunge Sapindaceae.

From the United States. Seeds presented by the Missouri Botanical Garden,
St. Louis, Missouri. Numbered Apr. 6, 1959.

Deciduous shrub to eight feet high; leaves pinnately divided; flowers in terminal
racemes, white with a yellow eye. Propagated from root cuttings.

256511. *PINUS HALEPENSIS* var. *BRUTIA* (Ten.) Henry Pinaceae.

From Canada. Seeds presented by Montreal Botanical Garden, Montreal. Re-
ceived in 1956. Numbered Apr. 6, 1959.

Formerly from the U.S.S.R.

256512 to 256520.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New
Crops Research Branch, Crops Research Division, Beltsville, Md. Received
Apr. 6, 1959.

From the Botanical Garden, Adelaide.

256512 to 256520—Continued

256512. *CALLISTEMON* sp. Myrtaceae.

Col. No. S-474. Shrub to eight feet high.

256513 and 256514. *CORREA TURNBULLII* E. Ashby Rutaceae.

256513. Col. No. S-437. Open shrub to five feet high; flowers hanging, tubular, red and green.

256514. Col. No. S-449. Shrub to five feet high; flowers red and green.

256515. *DICHOPOGON STRICTUS* Baker Liliaceae.

Col. No. S-433. 'Chocolate Lily'. Bulbous plant to two feet high; flowers pale mauve, in spikes.

256516. *EUCALYPTUS FASCICULOSA* F. Muell. Myrtaceae.

Col. No. S-441. Tree to 50 feet high.

256517. *LAVATERA PLEBEIA* Sims Malvaceae. **Treemallow.**

Col. No. S-431. Biennial or perennial herb to 10 feet high; flowers pink or white.

256518. *MYRTUS COMMUNIS* var. *ROMANA* Mill. Myrtaceae.

Col. No. S-432.

256519. *PELARGONIUM ALCHEMILLOIDES* (L.) L'Her. Geraniaceae.

Col. No. S-743. Weedy herb to two feet high; flowers mauve.

256520. *PROSTANTHERA BEHRIANA* Schlecht. Menthaceae.

Col. No. S-442. Shrub to six feet high; foliage gray; flowers pale mauve.

256521 to 256526. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**

From Israel. Seeds presented by the Ministry of Agriculture, Agriculture Research Station, Rehovoth. Received Apr. 6, 1959.

256521. 4-S.

256524. 223.

256522. 64A.

256525. B/4.

256523. 101/7.

256526. B/9.

256527 to 256539.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Apr. 6, 1959.

256527 to 256533. From Alison Ashby's Garden, Blackwood. December, 1958.

256527. *HAKEA CORYMBOSA* R. Br. Proteaceae.

Col. No. S-492. Shrub to six feet high; heads spiny, dense; flowers greenish.

256528. *LEPTOSPERMUM SCOPARIUM* Forst. Myrtaceae. **Manuka.**

Col. No. S-470. Shrub to 10 feet high; flowers bright pink, in dense masses along the stems.

256529. *MELALEUCA MACRONYCHIA* Turz. Myrtaceae.

Col. No. S-440. Shrub to 10 feet high; flowers reddish.

256530. *MELALEUCA PENTAGONA* Labill.

Col. No. S-513. Floriferous shrub to 12 feet high; flower heads pink.

256531. *POMADERRIS FERRUGINEA* Sieb. Rhamnaceae.

Col. No. S-488. Shrub to six feet high; leaves rusty beneath; flowers in clusters, rusty appearing.

256527 to 256539—Continued**256527 to 256533—Continued**

256532. *PHYMATOCARPUS PORPHYROCEPHALUS* F. Muell. Myrtaceae.

Col. No. S-481. Shrub to five feet high resembling *Melaleuca* spp.; flowers reddish, in small heads.

256533. *REGELIA INOPS* Schau. Myrtaceae.

Col. No. S-496. Shrub to four feet high; flowers in heads, mauve-pink.

256534. *DODONAEA BURSARIFOLIA* F. Muell. Sapindaceae.

Col. No. S-444. Glabrous shrub to three feet high; flowers inconspicuous; seed pods small, attractive.

256535. *DODONAEA HUMILIS* Endl.

Col. No. S-439. Low shrubby ground cover; fruits reddish, winged.

256536. *HELICHRYSUM APICULATUM* D. Don. Asteraceae.

Col. No. S-443. Perennial to 18 inches high; foliage gray; flowering stalks in basal rosette; flowers in heads, yellow, everlasting.

256537. *HIBBERTIA STRICTA* R. Br. Dilleniaceae.

Col. No. S-434. Shrub to two feet high; flowers bright yellow.

256538. *LOUDONIA BEHRII* Schlecht. Halorrhagidaceae.

Col. No. S-436. 'Golden Pennants'. Shrub to 18 inches high; flowers in heads, yellow.

256539. *POMADERRIS OBCORDATA* Fenzl. Rhamnaceae.

Col. No. S-447. Shrub to three feet high; leaves small; flowers in pinkish heads.

256540 to 256542. *CYDONIA OBLONGA* Mill. Malaceae. **Quince.**

From Great Britain. Rooted layers presented by the East Malling Research Station, Kent, England. Received Apr. 8, 1959.

256540. Quince A.

256541. Quince D.

256542. Quince F.

256543 to 256545. *FRAGARIA* (hybrids). Rosaceae. **Strawberry.**

From the Netherlands. Plants presented by the Institute Voor de Veredeling van Tuinbouwgewassen, Wageningen. Received Apr. 8, 1959.

256543. 'Komsomolka'.

256544. 'Krasavica Zagorla'.

256545. 'Rosirskaja'.

256546 to 256595.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Apr. 9, 1959.

Purchased from G. W. Althofer, Dripstone, New South Wales. January 1959.

256546. *ACACIA BIDENTATA* Benth. Mimosaceae.

Col. No. S-702. Spreading, almost prostrate under shrub; flowers yellow.

256547. *ACACIA MURRAYANA* F. Muell.

Col. No. S-701. Small tree; often very floriferous.

256548. *ACACIA NITIDULA* Benth.

Col. No. S-654. A low diffuse shrub.

256546 to 256595—Continued

- 256549.** *ACACIA UNDULAEFOLIA* var. *HUMILIS* Benth.
Col. No. S-639. Shrub to five feet high; flowers deep cream-colored.
- 256550.** *ANGIANTHUS TOMENTOSUS* Wendl. Asteraceae.
Col. No. S-644. Shrub to six feet high; flowers yellow.
- 256551.** *ASTEROLASIA ASTERICOPHORA* Druce. Rutaceae.
Col. No. S-663. Shrub to three feet high; flowers yellow.
- 256552.** *BALAUSTION MICROPHYLLUM* Chiov. Myrtaceae.
Col. No. S-637. 'Mullewa'. Shrub, flowers red.
- 256553.** *BILLARDIERA CYMOSA* F. Muell. Pittosporaceae.
Col. No. S-545. Evergreen woody vine to 10 feet high; flowers tubular, pale blue-lavender.
- 256554.** *BOSSIAEA HETEROPHYLLA* Vent. Fabaceae.
Col. No. S-704. Shrub to three feet high; stems flattened; flowers brown and yellow.
- 256555.** *CALLISTEMON PINIFOLIUS* (Wendl.) DC. Myrtaceae.
Col. No. S-710 (no date).
- 256556.** *CALYTHRIX DEPRESSA* Turcz. Myrtaceae.
Col. No. S-634. 'Watheroo'. Shrub to three feet high; flowers cream-colored with deep yellow center.
- 256557.** *CALYTHRIX TETRAGONA* Labill.
Col. No. S-638. Shrub to four feet high; flowers white, star-shaped.
- 256558.** *CASSIA CIRCINNATA* Benth. Caesalpiniaceae.
Col. No. S-643. Erect shrub several feet high; leaves phyllodineous; flowers yellow.
- 256559.** *CHORIZEMA DICKSONII* R. Grah. Fabaceae.
Col. No. S-669. Shrub to three feet high; flowers red.
- 256560.** *CONOSPERMUM INCURVUM* Lindl. Proteaceae.
Col. No. S-672. 'Laxiflorum'. Shrub to four feet high.
- 256561.** *DAVIESIA CORDATA* J. E. Sm. Fabaceae.
Col. No. S-668. 'Lesmurdie'. Shrub to six feet high.
- 256562.** *ERYNGIUM ROSTRATUM* Cav. Apiaceae.
Col. No. S-671. 'Molong'. Herb to one foot high; flowers blue.
- 256563.** *EUCALYPTUS BLOXSOMEI* Maiden Myrtaceae.
Col. No. S-744. Tree to 40 feet high.
- 256564.** *EUCALYPTUS CALOPHYLLA* Lindl. Myrtaceae. **Port Gregory gumtree.**
Col. No. S-666. Tree to 40 feet high; flowers showy, ranging from white to deep pink.
- 256565.** *EUCALYPTUS EUDESMIOIDES* F. Muell.
Col. No. S-711. Tree to eight feet high; flowers white.
- 256566.** *EUCALYPTUS OBTUSIFLORA* DC.
Col. No. S-642. 'Dendromorpha'. Tree to 40 feet high; trunk whitish and smooth on upper part, scaly at base.
- 256567.** *EUCALYPTUS PYRIFORMIS* Turcz. Myrtaceae.
Col. No. S-706. 'Aurea'. Flowers yellow.

256546 to 256595—Continued

- 256568.** *GOMPHOLOBIUM UNCINATUM* A. Cunn. Fabaceae.
Col. No. S-674. Sub-shrub to one foot high; flowers orange-red.
- 256569.** *GOMPHOLOBIUM VIRGATUM* Sieber Fabaceae.
Col. No. S-675. Shrub to two feet high; flowers clear yellow, with green on the keel.
- 256570.** *GREVILLEA CRITHMIFOLIA* R. Br. Proteaceae.
Col. No. S-657. Shrub to five feet high; flowers creamy-white.
- 256571.** *GREVILLEA PUNICEA* R. Br.
Col. No. S-662. 'Turrumurra'. Shrub to five feet high; flowers pink.
- 256572.** *GREVILLEA RAMOSISSIMA* Meissn.
Col. No. S-656. Shrub to three feet high; flowers white, profuse.
- 256573.** *GREVILLEA SYNAPHAE* R. Br. Proteaceae.
Col. No. S-658. 'Bindoon'. Shrub to three feet high; flowers yellow.
- 256574.** *HAKEA MULTILINEATA* Meisn. Proteaceae.
Col. No. S-641. Broad-leaved shrub to 10 feet high; flowers green.
- 256575.** *HELICHRYSUM DIOSMAEFOLIUM* Sw. Asteraceae.
Col. No. S-640. Shrub to five feet high; flowers white, in corymbs.
- 256576.** *HIBBERTIA MONTANA* Steud. Dilleniaceae.
Col. No. S-673. 'Bindoon'. Shrub to five feet high; flowers yellow.
- 256577.** *HIBISCUS MANIHOT* L. Malvaceae.
Col. No. S-677. Shrub to 10 feet high; flowers yellow.
- 256578.** *HOVEA TRISPERMA* Benth. Fabaceae.
Col. No. S-665. Sub-shrub to two feet high; flowers purple.
- 256579.** *IISOPOGON DIVERGENS* R. Br. Proteaceae.
Col. No. S-700. Shrub to five feet high; flowers pink.
- 256580.** *LASIOPETALUM BAUERI* Steetz. Sterculiaceae.
Col. No. S-659. Shrub to three feet high; flowers pink and green.
- 256581.** *LESCHENAULTIA EXPANSA* R. Br. Goodeniaceae.
Col. No. S-661. Sub-shrub to two feet high; flowers china-blue.
- 256582.** *LESCHENAULTIA FORMOSA* R. Br.
Col. No. S-655. Woody perennial to two feet high; flowers scarlet red.
- 256583.** *MARIANTHUS ERUBESCENS* Putterl. Pittosporaceae.
Col. No. S-652. 'Ruby Bell Creeper'. Vine; flowers red, bell-shaped.
- 256584.** *MELALEUCA SUBTRIGONA* Schau. Myrtaceae.
Col. No. S-741. Shrub to five feet high.
- 256585.** *MELALEUCA TERETIFOLIA* Endl.
Col. No. S-699. Shrub to eight feet high; flowers white.
- 256586.** *MELALEUCA WEBSTERI* S. Moore
Col. No. S-698. Shrub to 10 feet high; flowers cream-colored.
- 256587.** *OLEARIA* sp. Asteraceae.
Col. No. S-649. Shrub to three feet high; flowers lavender-blue.
- 256588.** *OLEARIA FLORIBUNDA* Benth.
Col. No. S-707. Shrub to three feet high; flowers blue.

256546 to 256595—Continued

256589. *PANDOREA OXLEYI* Domin Bignoniaceae.

Col. No. S-705. Twining vine, sometimes shrubby; flowers whitish.

256590. *PELARGONIUM AUSTRALE* Jacq. Geraniaceae.

Col. No. S-709. Short-lived herbaceous perennial; flowers pinkish-mauve.

256591. *PROSTANTHERA NIVEA* A. Cunn. Menthaceae.

Co. No. S-676. Shrub to eight feet high; flowers white.

256592. *RULINGIA PANNOSA* R. Br. Sterculiaceae.

Col. No. S-663. Shrub to three feet high.

256593. *THYSANOTUS MULTIFLORUS* R. Br. Liliaceae.

Col. No. S-670. 'Fringe Lily'. Herb to 18 inches high; flowers violet; margins fringed.

256594. *VERONICA PERFOLIATA* R. Br. Scrophulariaceae.

Col. No. S-527. Sprawling subshrub to three feet high; leaves gray, perfoliate; flowers deep violet.

256595. *VERTICORDIA PHOLIDOPHYLLA* F. Muell. Myrtaceae.

Col. No. S-667. Shrub to four feet high; flowers pink and white.

256596. *HORDEUM* sp. Poaceae.

From Sweden. Seeds presented by W. Weibull, A. B., Landskrona. Received Apr. 9, 1959.

256597 and 256598.

From Panama. Seeds presented by the United States Operations Mission, Panama City. Received Apr. 9, 1959.

Wild on the slopes of Cerro Azul, Province of Panama.

256597. *DIOCLEA* sp. Fabaceae.

256598. *PHASEOLUS* sp. Fabaceae.

256599 to 256609.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received April 9, 1959.

Near Coonalpyn, New South Wales.

256599. *CALLITRIS ROBUSTA* (Parl.) F. M. Bailey Pinaceae.

Co. No. S-484. 'Native Pine'. Xerophytic tree to 20 feet high; foliage fresh, green, under dry conditions.

256600. *CALYTRIX TETRAGONA* Labill. Myrtaceae.

Col. No. S-480. Shrub to three feet high; foliage small, needlelike; flowers star-shaped, white to pink, in dense heads.

256601. *CASUARINA DISTYLA* Vent. Casuarinaceae.

Col. No. S-490. Shrub to eight feet high, new growth has coppery coloring.

256602. *DODONAEA HEXANDRA* F. Muell. Sapindaceae.

Col. No. S-511. Slender intricate shrub to three feet high; leaves nearly filiform.

256603. *HAKEA MUELLERIANA* J. M. Black Proteaceae.

Col. No. S-491. Shrub to six feet high; foliage sharp, pointed; flowers white, in masses.

256604. *IONIDIUM FLORIBUNDUM* (Lindl.) Walp. Violaceae.

Col. No. S-610. Shrub to two feet high; flowers blue and yellow.

256599 to 256609—Continued

256605. *LASIOPETALUM BEHRII* F. Muell. Sterculiaceae.

Col. No. S-498. Shrub to three feet high; leaves thick; flowers pinkish-green.

256606. *OLEARIA CILIATA* F. Muell. Asteraceae.

Col. No. S-482. Subshrub; foliage finely cut; flowers daisylike, violet with yellow center.

256607. *PIMELEA GLAUCA* R. Br. Thymelaeaceae.

Col. No. S-486. Shrub to two feet high; flowers white, in heads.

256608. *PIMELEA OCTOPHYLLA* R. Br.

Col. No. S-487. Shrub to two feet high; flowers in fluffy heads, creamy-white.

256609. *WESTRINGIA EREMICOLA* A. Cunn. Menthaceae.

Col. No. S-489. Shrub to three feet high; flowers mauve, similar to *Eremophila*.

256610 to 256614. *PLATANUS ORIENTALIS* L. Platanaceae.**Oriental planetree.**

From Iran. Seeds presented by the Research Center of Forest Ecology, Novchahr. Received Apr. 6, 1959.

From Agricultural College of Karadj, December, 1958.

256610. No. 1. **256613.** No. 4.

256611. No. 2. **256614.** No. 5.

256612. No. 3.

256615 to 256629. *SORGHUM BICOLOR* (L.) Moench Poaceae.

From India. Seeds presented by the United States Embassy, New Delhi. Received Apr. 9, 1959.

256615. No. 1. **256623.** No. 9.

256616. No. 2. **256624.** No. 10.

256617. No. 3. **256625.** No. 11.

256618. No. 4. **256626.** No. 12.

256619. No. 5. **256627.** No. 13.

256620. No. 6. **256628.** No. 14.

256621. No. 7. **256629.** No. 15.

256622. No. 8.

256630 to 256664.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Apr. 4, 1959.

256630. *ACACIA CASIELLA* Maid. & Blakely Mimosaceae.

Col. No. S-52. Mudgee, N.S.W. Compact, tall, spreading shrub; foliage glaucous; flowers pale yellow, in masses.

256631. *ANIGOZANTHOS HUMILIS* Lindl. Amaryllidaceae.

Col. No. S-236. 'Yellow Cat's Paw'. North of Moora, Victoria. Perennial herb to 12 inches high; flowers clear yellow.

256632 to 256635. Wimmera Forest Nursery, Wimmera, Victoria.

256632. *ACACIA MONTANA* Benth. Mimosaceae.

Col. No. S-198. Grown in heavy soils with 14 to 15 inches rainfall. Shrub to eight feet high; flowers yellow.

256630 to 256664—Continued**256632 to 256635—Continued**

256633. *ACACIA MYRTIFOLIA* (Sm.) Willd.

Col. No. S-196. Diffuse shrub to eight feet high, and three feet across; flowers pale yellow.

256634. *ACACIA TRINEURA* F. Muell.

Col. No. S-192. 'Three Nerved Acacia'. Tree to 12 feet high; trunk to seven inches in diameter; foliage graceful sometimes pendulous; flowers bright yellow.

256635. *LAURENTIA AXILLARIS* (Lindl.) E. Wimm. Campanulaceae.

Col. No. S-211. Herbaceous ground cover; flowers numerous, campanulate, pure white to mauve, almost to blue.

256636 to 256664. Victoria.

256636. *ACACIA ACULEATISSIMA* Macbride Mimosaceae.

Col. No. S-247. Prostrate shrub to 12 inches high; phyllodes pungent linear, under 0.5 inch long; flowers yellow.

256637. *ACACIA ASPERA* Lindl.

Col. No. S-459. Brisbane Ranges. Spreading shrub or small tree to seven feet high and eight feet across; branches numerous; phyllodes linear to linear-lanceolate; flowers bright yellow; pods and foliage covered with very sticky glandular trichomes.

256638. *ACACIA DRUMMONDII* Benth.

Col. No. S-229. State Nursery, Wail. Shrub to six feet high; foliage small, bipinnate, light green; flowers in spikes, about one inch long, golden yellow.

256639. *ACACIA GLANDULICARPA* F. M. Reader

Col. No. S-234. State Nursery, Wail. Compact symmetrical shrub to five feet high and eight feet across; phyllodes about 0.75 inch long, undulate, deep green; flowers golden-yellow.

256640. *ACACIA ULICIFOLIA* (Salisb.) A. B. Court

Col. No. S-303. A. E. Lindner's garden, Vectis South. Congested and compact dwarf shrub; foliage bright green; phyllodes to one inch long, terete; flowers pale yellow.

256641. *AGONIS JUNIPERINA* Schau. Myrtaceae.

Col. No. S-453. A. E. Lindner's garden, Vectis South. Tree to 20 feet high; branches spreading, pendulous towards their extremities; leaves linear; flowers white, small.

256642. *ANGUILLARIA DIOICA* R. Br. Myrsinaceae.

Col. No. S-289. About 0.5 mile south of Montrose, Dandenong Ranges. Small annual; leaves sheathing; flowers white, about 0.75 inch across.

256643. *ANTHOCERCIS FRONDOSA* (Miers) J. M. Black Solanaceae.

Col. No. S-304. Mt. Zero-Halls Gap road, Grampians. Erect tree or shrub to eight feet high; leaves light green; flowers white.

256644. *BEYERIA OPACA* F. Muell. Euphorbiaceae.

Col. No. S-222. State Nursery. Erect viscid shrub to six feet high; leaves to one inch long; flowers small, white or creamy-yellow.

256645. *CALLISTEMON MACROPUNCTATUS* (DuRoi) Cours A. B. Court Myrtaceae.

Col. No. S-240. A. E. Lindner's garden, Vectis South. Shrub to 10 feet high; leaves rigid, to three inches long, pungent; flowers bright red, in clusters along the stems.

256630 to 256664—Continued

256636 to 256664—Continued

256646. *CALOTHAMNUS SCHAURI* Lehm. Myrtaceae.

Col. No. S-293. A. E. Lindner's garden, Vectis South. Erect shrub to five feet high; branches numerous; leaves to eight inches long, terete; flowers blood red. Suitable for areas with 15 to 20 inches rainfall.

256647. *CASUARINA DISTYLA* Vent. Casuarinaceae.

Col. No. S-217. Wail State Forest Nursery, Wail. Spreading shrub to eight feet high; branches and foliage graceful, usually pendulous.

256648. *CORREA AEMULA* (Lindl.) F. Muell. Rutaceae.

Col. No. S-237. A. E. Lindner's garden, Vectis South. Open shrub to five feet high; leaves to three inches long, rather rough; flowers blue-green, pendulous.

256649. *DROSERA AURICULATA* Backh. Droseraceae.

Col. No. S-238. Halls Gap-Wartook road, Grampians. Elevation 1,500 feet. Small herbaceous plant to 12 inches high; leaves edged with glandular sticky hairs; flowers 0.5 inch across, white.

256650. *EREMOPHILA MACULATA* (Ker) F. Muell. Myoporaceae.

Col. No. S-294. A. E. Lindner's garden, Vectis South. Spreading shrub to 10 feet high; leaves to one inch long, lanceolate; flowers large, axillary, whitish or pink, sometimes tinged with yellow, with pink or purple spots inside corolla.

256651. *ERIOSTEMON GRACILE* R. Graham Rutaceae.

Col. No. S-290. Golton's Gorge, Grampians. Shrub to four feet high; leaves to 0.5 inch long, light green; flowers white, waxy.

256652. *ERIOSTEMON GRACILE* R. Graham

Col. No. S-292. R. Mair's garden, Halls Gap, Grampians. Shrub three feet high and three feet across; leaves light green; flowers white, waxy.

256653. *ERIOSTEMON OBOVALIS* A. Cunn. Rutaceae.

Col. No. S-300. Mt. Arapiles. Spreading shrub to seven feet high; foliage dense; leaves light green, tuberculate, somewhat rolled; flowers white or pale pink, profuse, waxy.

256654. *GREVILLEA STEIGLITZIANA* N. A. Wakefield Proteaceae.

Col. No. S-458. Brisbane Ranges. Shrub to four feet high and eight feet across; lower branches sometimes trailing; foliage hollylike, light green; flowers red and green.

256655. *HAKEA LISSOCARPHA* R. Br. Proteaceae.

Col. No. S-291. A. E. Lindner's Nursery, Vectis South. Densely branched shrub to three feet high; flowers pink.

256656. *HAKEA PURPUREA* Hook.

Col. No. S-226. State Nursery. Rigid, almost glabrous shrub; foliage bright green, leaves terete; flowers purple, in sessile or short axillary umbels.

256657. *HAKEA RUSCIFOLIA* Labill.

Col. No. S-244. A. E. Lindner's garden, Vectis South. Erect shrub to eight feet high; foliage rigid, pungent; flowers white, in dense clusters along upper portion of stem.

256658. *MELALEUCA LAXIFLORA* Turcz. Myrtaceae.

Col. No. S-223. State Nursery, Wail. Erect shrub to five feet high; leaves to one inch long; flowers clustered, purple-red or red.

256630 to 256664—Continued**256636 to 256664—Continued**

256659. *OLEARIA ERUBESCENS* (DC.) Dippel Asteraceae.

Col. No. S-298. Mt. Dandenong, Dandenong Ranges. Erect plant to eight feet high; leaves glossy green, to two inches long; flowers white, becoming pale pink as they age, borne in large heads.

256660. *OLEARIA PHLOGOPAPPA* (Labill.) DC.

Col. No. S-219. State Nursery, Wail. Shrub to seven feet high; leaves to one inch long; flowers in terminal heads, white.

256661. *PERSOONIA JUNIPERINA* Labill. Proteaceae.

Col. No. S-232. Wail State Forest Nursery, Wail. Shrub to seven feet high and four feet wide; foliage bright green, dense; leaves pungent; flowers yellow, small.

256662. *PIMELEA LIGUSTRINA* Labill. Thymelaeaceae.

Col. No. S-295. Sherbrooke State Forest, Dandenong Ranges. Open shrub to eight feet high and four feet across; leaves to 1.5 inches long; flowers in dense semiglobose clusters, white or creamy white, woolly.

256663. *SPRENGELIA INCARNATA* Sm. Epacridaceae.

Col. No. S-457. Near terminus of Sundial Peak Road, Grampians. Erect plant to five feet high; branches few; leaves crowded, shining green; flowers pink or white; inflorescence dense.

256664. *THOMASIA MACROCARPA* Hueg. Sterculiaceae.

Col. No. S-224. State Nursery, Wail. Bushy shrub to five feet high; flowers large, purple.

256665 and 256666.

From Brazil. Plants collected by W. C. Gregory, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Apr. 10, 1959.

256665. *ARISTOLOCHIA* sp. Aristolochiaceae.

Col. No. 9884. Sandy soil, 52 km. from Rio Verde, road to Cuiabu, Mato Grosso. Climbing perennial.

256666. *HOLOSTYLIS RENIFORMIS* Duch. Aristolochiaceae.

Col. No. 9902. Red gravel marshland, 176 km. north of Sao Lournco, road to Cuiabu. Low perennial with basal flowers and fruits.

256667 to 256729.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Apr. 10, 1959.

From Botanic Garden, Adelaide, South Australia.

256667. *ACACIA ESTROPHIOLATA* F. Muell. Mimosaceae.

Col. No. S-312. Tree to 20 feet high; branches pendulous.

256668. *ACACIA EUTHYCARPA* J. M. Black.

Col. No. S-313. Open shrub to six feet high.

256669. *AMMOBIUM ALATUM* R. Br. Asteraceae.

Col. No. S-323. Annual to three feet high; flowers white.

256670. *ASTARTEA FASCICULARIS* DC. Myrtaceae.

Col. No. S-324. Shrub to six feet high; flowers small, white.

256671. *BABBAGIA DIPTEROCARPA* F. Muell. Chenopodiaceae.

Col. No. S-326. Shrub to 18 inches high.

256667 to 256729—Continued

- 256672.** *BACKHOUSIA ANGUSTIFOLIA* F. Muell. Myrtaceae.
Col. No. S-327. Evergreen tree to 20 feet high.
- 256673.** *BAECKEA BEHRII* F. Muell. Myrtaceae.
Col. No. S-328. Shrub to six feet high; flowers white. Used as brush fences in Victoria.
- 256674.** *BAECKEA CAMPHOROSMAE* Endl.
Col. No. S-329. Shrub to two feet high; flowers small, pink, in spikes.
- 256675.** *BASSIA PARADOXA* F. Muell. Chenopodiaceae.
Col. No. S-330. Small woolly shrub; fruit spiny.
- 256676.** *BILLARDIERA CYMOSA* F. Muell. Pittosporaceae.
Col. No. S-331. Low twining shrub; flowers white, pink or mauve.
- 256677.** *BLENNODIA PTEROSPERMA* J. M. Black. Brassicaceae.
Col. No. S-407. 'Native Stock'. Annual to two feet high; flowers white to pink, fragrant.
- 256678.** *BORONIA PINNATA* Smith Rutaceae.
Col. No. S-703. Purchased from G. W. Althofer, Dripstone, New South Wales.
- 256679.** *BURSARIA SPINOSA* Cav. Pittosporaceae.
Col. No. S-408. 'Native Box'. Shrub or small tree; flowers small, white, in large panicles in midsummer.
- 256680.** *CALLISTEMON SALIGNUS* DC. Myrtaceae.
Col. No. S-385. 'Australis'. Shrub with large white bottlebrushes.
- 256681.** *CASSINIA ACULEATA* R. Br. Asteraceae.
Col. No. S-409. Shrub to three feet high; leaves small.
- 256682.** *EREMOPHILA GLABRA* Ostenf. Myoporaceae.
Col. No. S-415. 'Tar Bush'. Shrub to four feet high; leaves gray-green; flowers reddish.
- 256683.** *EREMOPHILA GLABRA* var. *VIRIDIFLORA* F. Muell.
Col. No. S-416. Shrub to three feet high; foliage woolly; flowers green.
- 256684.** *EREMOPHILA MACULATA* (Ker) F. Muell.
Col. No. S-418. 'Native Fuchsia'. Shrub to four feet high; flowers yellow or red, showy.
- 256685.** *EUCALYPTUS CONCINNA* Maid. & Blakely Myrtaceae.
Col. No. S-341. Tree to 10 feet high.
- 256686.** *EUCALYPTUS DREPANOPHYLLA* F. Muell.
Col. No. S-507. 'Bowen Ironbark'. Tree to 100 feet high.
- 256687.** *EUCALYPTUS GILLII* Maid.
Col. No. S-342. 'Curly Mallee'. Tree to 15 feet high; leaves gray; flowers greenish-cream.
- 256688.** *EUCALYPTUS PILLIGAENSIS* Maid.
Col. No. S-504. 'Narrow leaved Box'. Slender tree to 50 feet high; bark whitish-gray.
- 256689.** *EUCALYPTUS PLATYPUS* var. *HETEROPHYLLA* Blakely.
Col. No. S-503. 'Round-leaved Moort'. Tree to 30 feet high; branching only at top; flowers green.

256667 to 256729—Continued

- 256690.** *EUCALYPTUS TRANSCONTINENTALIS* Maid. & Blakely
Col. No. S-344. Tree to 15 feet high.
- 256691.** *EUGENIA FRANCISII* F. M. Bailey.
Col. No. S-392. Tree to 50 feet high; leaves bright-green, glossy; flowers white; berries purple.
- 256692.** *EUSTREPHUS LATIFOLIUS* R. Br. Liliaceae.
Col. No. S-391. 'Dombat Berry'. Climber; flowers small, white; berries bright orange.
- 256693.** *EUTAXIA MICROPHYLLA* J. M. Black Fabaceae.
Col. No. S-334. Shrub to three feet high; leaves small; flowers orange and yellow.
- 256694.** *FIGUS BAILEYANA* Domin Moraceae.
Col. No. S-335. Large tree, similar to *F. macrophylla*, with small leaves.
- 256695.** *GEITONOPLESIMUM CYMOSUM* A. Cunn. Liliaceae.
Col. No. S-336. 'Scrambling Lily'. Scrambling plant; flowers small, white; berries black.
- 256696.** *HAKEA CYCLOPTERA* R. Br. Proteaceae.
Col. No. S-348. Prickly shrub to six feet high; flowers small, white.
- 256697.** *HELIPTERUM ROSEUM* Benth. Asteraceae.
Col. No. S-395. 'Maculatum'. Annual to two feet high; flowers pink, everlasting.
- 256698.** *HOWITIA TRILOCULARIS* F. Muell. Malvaceae.
Col. No. S-366. Shrub to 10 feet high; flowers mauve.
- 256699.** *INDIGOFERA BREVIDENS* Benth. Fabaceae.
Col. No. S-367. Small shrub; leaves light green; flowers in spikes, deep-pink, in spring.
- 256700.** *IPOGON CERATOPHYLLUS* R. Br. Proteaceae.
Col. No. S-368. Low, dense, prickly shrub; flowers yellow, in heads nestled in the foliage.
- 256701.** *ISOTOMA PETRAEA* F. Muell. Campanulaceae.
Col. No. S-369. Plant to 18 inches high; flowers pink or mauve.
- 256702.** *KOCHIA PENTATROPIS* Tate Chenopodiaceae.
Col. No. S-397. Shrub to two feet high.
- 256703.** *LEPTOSPERMUM MYRSINOIDES* Schlecht. Myrtaceae.
Col. No. S-371. Shrub to four feet high; flowers white, in spikes.
- 256704.** *MELALEUCA ANGUSTIFOLIA* Gaertn. Myrtaceae.
Col. No. S-425. (No data.)
- 256705.** *MELALEUCA CHEELII* C. T. White
Col. No. S-424. Spreading tree to 10 feet high; flowers creamy-white, in short terminal spikes.
- 256706.** *MELALEUCA LEUCADENDRON* L. **Cajeput-tree.**
Col. No. S-421. Dense, silvery tree to 30 feet high; bark white, papery, peeling off in layers; flowers white or pale yellow, in spikes to four inches long. Drooping habit.
- 256707.** *MELALEUCA MICROPHYLLA* Sm.
Col. No. S-374. Weeping shrub to eight feet high; foliage heathlike; lebot-brushes small, greenish-yellow.

256667 to 256729—Continued

256708. MELALEUCA MINUTIFOLIA F. Muell.

Col. No. S-422. Diffuse tree to 15 feet high; bark papery white; leaves small, scalelike; flowers in short cylindrical heads.

256709. MYOPORUM PLATYCARPUM R. Br. Myoporaceae.

Col. No. S-332. 'Sugar wood'. Small tree; leaves light green; flowers small, white.

256710. MYOPORUM SERRATUM R. Br.

Col. No. S-333. Shrub to six feet high; leaves sticky; flowers small, white.

256711. NOTELAEA LONGIFOLIA Vent. Oleaceae.

Col. No. S-379. Shrub; leaves deep-green, lanceolate; flowers small; berries large, white, pearllike.

256712. OLEARIA MUELLERI Benth. Oleaceae.

Col. No. S-310. Small glutinous shrub; leaves cuneate; flowers small, white daisy.

256713. PATERSONIA LONGISCAPA Sweet Iridaceae.

Col. No. S-353. 'Native Iris'. Swampy areas. Plant irislike, forming clumps; flowers long-stemmed, purple.

256714. PETALOSTYLIS LABICHEOIDES R. Br. Fabaceae.

Col. No. 354. Shrub to six feet high; flowers orange marked with red.

256715. PHOLIDIA SANTALINA F. Muell. Myoporaceae.

Col. No. S-419. Erect shrub; flowers whitish.

256716. PIMELEA PAUCIFLORA R. Br. Thymelaeaceae.

Col. No. S-728. Mt. Kosciusko. Shrub to eight feet high; flowers whitish.

256717. POMADERRIS FERRUGINEA Sieb. Rhamnaceae.

Col. No. S-355. Shrub; leaves rusty-colored, tomentose, flowers in large heads, yellowish.

256718. PROSTANTHERA STRIATIFLORA F. Muell. Menthaceae.

Col. No. S-358. Shrub to eight feet high; flowers white, purple stripe in throat, in masses.

256719. REGELIA GRANDIFLORA Benth. Myrtaceae.

Col. No. S-360. Tall shrub; leaves gray; flowers blood-red, tipped with gold.

256720. RUMEX ROSEUS L. Polygonaceae.

Col. No. 400. 'Rosy Dock'; 'Wild Hops'. Succulent plant to two feet high; fruits bright rose, in heads.

256721. SCAEVOLA COLLARIS F. Muell. Goodeniaceae.

Col. No. S-401. Saline areas. Small shrub; flowers yellowish.

256722. SOLANUM PETROPHILUM F. Muell. Solanaceae.

Col. No. S-403. Prickly annual; flowers purple, large.

256723. SOLANUM STURTIANUM F. Muell.

Col. No. S-404. Shrub to four feet high; flowers purple; berries orange and black.

256724. SWAINSONA CANESCENS (Benth.) F. Muell. Fabaceae.

Col. No. S-405. Low growing plant similar to *Clianthus formosus*, flowers pink, in spikes.

256725. TEUCRIUM CORYMBOSUM R. Br. Menthaceae.

Col. No. S-362. Small shrub; leaves gray; flowers white, in spikes.

256667 to 256729—Continued

256726. *TRACHYMENE COERULEA* R. Grah. Apiaceae.

Col. No. S-363. 'Blue Lace Flower'. Annual to three feet high; flowers pale blue.

256727. *TRICHINIUM EXALTATUM* Benth. Amaranthaceae.

Col. No. S-398. Annual; leaves succulent; flowers in long spikes, mauve-pink.

256728. *TRICHINIUM NOBILE* Lindl.

Col. No. S-359. Annual; leaves succulent; flowers in spikes, red.

256729. *VERONICA DERWENTIA* Andr. Scrophulariaceae.

Col. No. S-406. Tall perennial; flowers in long spikes, mauve.

256730. *IPOMOEA* sp. Convolvulaceae.

From the Union of South Africa. Seeds presented by Parkhouse and Sons, Utrecht, Natal. Received Apr. 13, 1959.

Growing in pastures. Yamlike creeper; flowers pink. It tends to prevent erosion in gullies.

256731 to 256733.

From the United States. Plants growing at the Regional Plant Introduction Station, Geneva, New York. Numbered Apr. 13, 1959.

256731. *TRIFOLIUM FRAGIFERUM* L. Fabaceae.

Strawberry clover.

G.847b. Selection from P.I. 204511, *T. repens*, from Turkey. Plant semi-prostrate, medium vigor, to 3.5 inches high and 21 inches wide, early maturity, hardy, spring recovery poor; stolons many; leaves small.

256732 and 256733. *TRIFOLIUM REPENS* L.

Whiteclover.

256732. G.848b. Selection from P.I. 204512, *T. pratense*, from Turkey. Plant medium vigor, to four inches high and 22 inches wide, late maturity, hardy; leaves small, medium spring recovery, stolons reddish.

256733. G.5057b. Selection from P.I. 228372, *T. ambiguum*, from Iran. Plant semiprostrate, vigor poor, to two inches high and 30 inches wide late maturity, hardy, fair spring recovery; stolons fine; leaves small.

256734 to 256741.

From the British West Indies. Seeds presented by R. S. Cowan, Port of Spain. Received Apr. 13, 1959.

256734. *ANDIRA INERMIS* (Sw.) H. B. K. Fabaceae.

256735. *CASSIA GRANDIS* L. f. Caesalpiniaceae.

256736. *CATESBAEA* sp. Rubiaceae.

256737. *PITCAIRNIA INTEGRIFOLIA* Ker Bromeliaceae.

256738. *PORTLANDIA GRANDIFLORA* L. Rubiaceae.

256739. *CAMASSIA* sp. Liliaceae.

256740. *RAVENIA SPECTABILIS* (Lindl.) Engler Rutaceae.

256741. *STIFFTIA CHRYSANTHA* Mikan Asteraceae.

256742 to 256744.

From Mexico. Tubers presented by D. K. Cox, Syntex, S.A., Mexico, D.F. Received March 1958. Numbered Apr. 13, 1959.

256742. *DIOSCOREA FLORIBUNDA* Mart. & Gal. Dioscoreaceae.

DKC 192 U. Formerly from Finca Panama, Guatemala.

256743 and 256744. *DIOSCOREA SPICULIFLORA* Hemsl.

256743. No. 16406, G 9. Chiapas.

256744. CR 4238. Chiapas.

256745 and 256746.

From Mexico. Tubers collected by Bernice G. Schubert, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Numbered Apr. 13, 1959.

256745. *DIOSCOREA* sp. Dioscoreaceae.

Col. No. 1601. Roadside tree, Merida-Sisal road, two km. from Hucnuema, Yucatan. Leaves large; sinus broad.

256746. *DIOSCOREA* sp.

Col. No. 1747. Roadside trees, Km. 1120, Chiapa de Corzo-San Cristobal road, Chiapas.

256747 to 256799.

From Australia. Seeds collected by G. H. Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Apr. 13, 1959.

256747. *ACACIA MITCHELLII* Benth. Mimosaceae.

Col. No. S-465. Brisbane Ranges, Victoria. Diffuse shrub to seven feet high; foliage bipinnate, bright green; leaflets small; flowers globular, pale yellow.

256748. *ACACIA FEROCIOR* Maid.

Col. No. S-742. Greenhead road near Coorow, Victoria. Spiny shrub to two feet high, three feet across.

256749. *AJUGA AUSTRALIS* R. Br. Menthaceae.

Col. No. S-740. Island Bend, N.S.W. Herbaceous perennial to about eight inches high; flowers lavender-blue.

256750. *ANGOPHORA COSTATA* Britten Myrtaceae.

Col. No. S-516. Pymble, N.S.W. Red-barked tree resembling a eucalyptus; flowers white, profuse.

256751. *ASTROLOMA PINIFOLIUM* (R. Br.) Benth. Epacridaceae.

Col. No. S-464. Northern end of Grampians, Mount Zero, Victoria. Erect shrub to four feet high, four feet across; leaves small, needlelike, crowded; flowers green and yellow.

256752. *BANKSIA INTEGRIFOLIA* L. f. Proteaceae.

Col. No. S-750. Ten miles west of Hall's Gap, Victoria. Tree to 12 feet high.

256753. *BEDFORDIA SALICINA* DC. Asteraceae.

Col. No. S-714. Blundell's Creek road. Broad-leaved evergreen shrub to 10 feet high; flowers inconspicuous.

256754. *BRACHYCOME SCAPIGERA* (Spreng.) DC. Asteraceae.

Col. No. S-735. Swampy ground, Rennix Gap, Mount Kosciusko, N.S.W. Herb; flowers white, large.

256755. *BRACHYCOME SIEBERI* DC.

Col. No. S-730. Mount Franklin road, A.C.T. Perennial herb; leaves in rosettes; flowers lavender, one inch diameter on 12-inch stems.

256756. *CALLISTEMON SIEBERI* DC. Myrtaceae.

Col. No. S-718. Mount Kosciusko. Shrub to 18 inches high.

256757. *CASUARINA EQUISETIFOLIA* L. Casuarinaceae. **Horsetail-tree.**

Col. No. S-696. Near Southport, Queensland. Tree to 20 feet high; foliage dark green.

256758. *CASUARINA TORULOSA* Ait.

Col. No. S-695. Beechmont-Binna Burra road, Queensland. Tree to 20 feet high.

256747 to 256799—Continued

256759. CRASPEDIA UNIFLORA Forst. f. Asteraceae.

Col. No. S-751. Mount Franklin road, A.C.T. Perennial herb; leaves in basal rosettes, glaucous; flowers large, yellow, on stems 15 inches high.

256760. DORYANTHES EXCELSA Correa Amaryllidaceae.

Col. No. S-532. Pymble, N.S.W. Leaves long, straplike, in large rosettes; flowers red, on stalks to 12 feet high.

256761. EUCALYPTUS NIPHOPHILA Maiden & Blakely Myrtaceae.

Col. No. S-723. Perishes Gap, Mount Kosciusko, N.S.W.

256762. EUCALYPTUS PERRINIANA Rodway

Col. No. S-725. Guthega road, N.S.W. Elevation 5,000 feet. Tree to 20 feet high.

256763. EUPHRASIA COLLINA R. Br. Scrophulariaceae.

Col. No. S-716. Mount Ginini, N.S.W. Elevation 5,000 feet. Perennial herb to 15 inches high; flowers pale lavender.

256764. EREMAEA ACUTIFOLIA F. Muell. Myrtaceae.

Col. No. S-721. F. C. Payne's garden, Athelstone, Southern Australia. Small shrub resembling a *melaleuca*; flowers in small heads, orange.

256765. EXOCARPUS CUPRESSIFORMIS Labill. Santalaceae.

Col. No. S-721. Brindabella road, A.C.T. Elevation 3,200 feet. Tree to 20 feet high; foliage attractive; berries red. Parasite.

256766. GREVILLEA FLORIBUNDA R. Br. Proteaceae.

Col. No. S-462. Brisbane ranges, Victoria. Open shrub or small tree leaves woolly, to 1.5 inches long; flowers golden-yellow.

256767. GREVILLEA TRITERNATA R. Br.

Col. No. S-746. Hard sandstone ridges, Goonoo Forest, 18 miles from Dubbo, N.S.W. Shrub to three feet high; flowers white, in racemes.

256768. HAKEA sp. Proteaceae.

Col. No. S-745. Miss Alison Ashby's garden, Blackwood, South Australia.

256769. VERONICA PERFOLIATA R. Br. Scrophulariaceae.

Col. No. S-720. Five Crossings, A.C.T. Woody shrub to two feet high; leaves gray, perfoliate; flowers violet.

256770. HELICHRYSUM STIRLINGII F. Muell. Asteraceae.

Col. No. S-722. Bendora to Bullshead, A.C.T. Diffuse shrub to seven feet high; flowers white.

256771. HELICHRYSUM sp. Asteraceae.

Col. No. S-773. Lookout between the Creel and Wilson's Valley, Mount Kosciusko, N.S.W. Shrub to five feet high; flowers white, in corymbs.

256772. HELIPTERUM INCANUM DC. Asteraceae.

Col. No. S-738. Mount Franklin Road, A.C.T. Perennial herb to eight inches high; flowers white; bracts flushed purple.

256773. HOVEA sp. Fabaceae.

Col. No. S-717. Bullshead Road, A.C.T. Shrub to five feet high; flowers mauve.

256774. ISOPOGON DAWSONII R. T. Baker Proteaceae.

Col. No. S-534. A. E. Lindner's garden, South Vectis, Victoria. Shrub to 12 feet high; flowers yellow.

256747 to 256799—Continued**256775.** *Iso Pogon* sp. Proteaceae.

Col. No. S-747. Buntine road, 17 miles east of Marchagee, Western Australia. Round shrub to six feet high; young stems yellow; leaves flat, toothed or divided, yellow-green.

256776. *Leptospermum rotundifolium* Domin Myrtaceae.

Col. No. S-535. A. E. Lindner's garden, South Vectis, Victoria. Shrub to 12 feet high; leaves round, flowers cream-colored, to one inch across.

256777. *Leucopogon richei* R. Br. Epacridaceae.

Col. No. S-438. The Coorong, South Australia. Shrub to six feet high; foliage dense; flowers white; fruits white.

256778. *Lissanthe montana* R. Br. Epacridaceae.

Col. No. S-715. Mount Franklin Road, A.C.T. Shrub to 12 feet high; flowers white; berries red.

256779. *Lobelia rhombifolia* de Vriese Campanulaceae.

Col. No. S-461. Northern slopes, Dandenong ranges, between Montrose and Kalorama, Victoria. Annual rainfall to 45 inches. Herb to 10 inches high; flowers ultramarine.

256780. *Myoporum desertii* A. Cunn. Myoporaceae.

Col. No. S-530. Mendooran road, seven miles from Dubbo, N.S.W. Tree to 25 feet high.

256781. *Olearia argophylla* (Labill.) F. Muell. Asteraceae.

Col. No. S-713. Two Sticks road, Blue Range, A.C.T. Evergreen shrub to 15 feet high; flowers white.

256782. *Olearia erubescens* (DC.) Dippel

Col. No. S-726. Mount Franklin Road, A.C.T. Evergreen shrub to three feet high; young shoots red; flowers white.

256783. *Olearia floribunda* Benth.

Col. No. S-748. Mount Ginini, A.C.T. Elevation 4,500 feet. Evergreen shrub to four feet high; flowers white, small.

256784. *Olearia lyrata* Hutchinson

Col. No. S-724. Blundell's Creek Road, A.C.T. Evergreen shrub to five feet high; flowers white. Frost hardy.

256785. *Olearia megaphylla* F. Muell.

Col. No. S-712. Bullshead road, A.C.T. Evergreen shrub to four feet high; leaves glossy; flowers white.

256786. *Olearia myrsinoides* (Labill.) F. Muell.

Col. No. S-749. Mount Franklin Road, A.C.T. Elevation 4,500 feet. Shrub to three feet high; flowers white.

256787. *Olearia stellulata* (Labill.) DC.

Col. No. S-734. Mount Kosciusko, N.S.W. Shrub to three feet high; flowers white, attractive.

256788. *Persoonia salicina* Pers. Proteaceae.

Col. No. S-521. Near Pymble, N.S.W. Tall shrub; leaves lanceolate, to eight inches long.

256789. *Pimelea ligustrina* Labill. Thymelaeaceae.

Col. No. S-737. Gutheca road, near Perisher Creek, N.S.W. Evergreen shrub to four feet high; flowers in heads, white.

256747 to 256799—Continued**256790.** *PIMELEA LINIFOLIA* J. E. Sm.

Col. No. S-719. Mount Franklin road, A.C.T. Shrubby plant to 10 inches high; flowers white, showy.

256791. *PHEBALIUM PHYLICIFOLIUM* F. Muell. Rutaceae.

Col. No. S-736. Between Munyang and Gutheca, N.S.W. Elevation 5,000 feet. Dense, low, spreading shrub; flowers creamy-yellow.

256792. *PODOLEPIS JACEOIDES* (Sims) Voss. Asteraceae.

Col. No. S-739. Mount Franklin road, A.C.T. Herb; flowers yellow.

256793. *PROSTANTHERA BEHRIANA* Schlecht. Menthaceae.

Col. No. S-494. F. C. Payne's garden, Athelstone, South Australia. Shrub to six feet high; foliage grayish; flowers pale mauve.

256794. *RULINGIA PROCUMBENS* Maid. & Betche Sterculiaceae.

Col. No. S-697. Goonoo Forest, 16 miles from Dubbo, N.S.W. Procumbent creeper; flowers and fruits inconspicuous.

256795. *STYLIDIUM GRAMINIFOLIUM* Sw. Candolleaceae.

Col. No. S-727. Road to Mount Kosciusko, near Sawpit Creek. Perennial herb to 18 inches high; flowers pink.

256796. *THYSANOTUS TUBEROSUS* R. Br. Liliaceae.

Col. No. S-731. Kambah, A.C.T. Perennial herb to 18 inches high; flowers purple.

256797. *WAHLENBERGIA GLORIOSA* Lothian Campanulaceae.

Col. No. S-729. Along road near Island Bend, N.S.W. Perennial herb to 12 inches high; flowers campanulate, large, blue-violet.

256798. *WAHLENBERGIA GRACILIS* (Forst.) A. DC.

Col. No. S-732. Kambah, A.C.T. Perennial herb to one inch high; flowers bright blue, campanulate.

256799. *XANTHORRHOEA MEDIA* R. Br. Liliaceae.

Col. No. S-708. Goonoo Forest, about 16 miles from Dubbo, N.S.W. Plants to six feet high.

256800 and 256801.

From Panama. Plants presented by the Community Services Division, Panama Canal Company, Balboa Heights. Received Apr. 14, 1959.

256800. *CYRTOSTACHYS RENDA* Blume Phoenicaceae.**Palm.****256801.** *NORANTEA GUIANENSIS* Aubl. Marcgraviaceae.**256802.** *ERUCA SATIVA* Mill. Brassicaceae.

From Afghanistan. Seeds presented by A. W. Krochmal, Herat. Received Apr. 14, 1959.

An oilseed used to rub camels when the hair begins to shed.

256803. *SOLANUM TUBEROSUM* L. Solanaceae.**Potato.**

From Korea. Tubers presented by the Seoul Branch, Horticultural Experiment Station, Dongdaemoon-Ku, Seoul. Received Apr. 14, 1959.

256804 to 256913. *PHASEOLUS LUNATUS* L. Fabaceae.**Lima bean.**

From Colombia, Ecuador and Peru. Seeds collected and presented by R. W. Allard and Carl Tucker, University of California, Davis, California. Received Apr. 14, 1959.

256804 to 256913—Continued

256804 to 256812. From Colombia.

256804. Col. No. 116. 'Frijol Rojo'. Farm near El Bordo.

256805 to 256810. Near Mercaderas.

256805. Col. No. 117. Garden.

256806. Col. No. 118.

256807. Col. No. 119.

256808. Col. No. 120.

256809. Col. No. 121.

256810. Col. No. 122.

256811. Col. No. 123. Garden five miles from La Union, La Union Dept. Willow leaf.

256812. Col. No. 124. Forty miles north of Pasto opposite La Cruz, Narino Dept.

256813 to 256822. From Ecuador.

256813. Col. No. 126. 'Frijol de Lima'. Quito.

256814. Col. No. 127. Garden near Quevedo, Pichincha Province.

256815. Col. No. 128. Nine miles from Quevedo.

256816. Col. No. 129. 'Frijol Tierno'. Finca near Quevedo.

256817 to 256820. Market.

256817. Col. No. 130.

256818. Col. No. 131.

256819. Col. No. 132.

256820. Col. No. 133.

256821. Col. No. 134. Market, Guayaquil. Guayas Province.

256822. Col. No. 135. Market, Guayaquil.

256823 to 256913. From Peru.

256823. Col. No. 136. Garden near Tumbes, Tumbes Department.

256824 to 256833. Market, Talara, Piura Department.

256824. Col. No. 137.

256829. Col. No. 142.

256825. Col. No. 138.

256830. Col. No. 143.

256826. Col. No. 139.

256831. Col. No. 144.

256827. Col. No. 140.

256832. Col. No. 145.

256828. Col. No. 141.

256833. Col. No. 146.

256834 to 256853. Market, Piura, Piura Department.

256834. Col. No. 147.

256844. Col. No. 157.

256835. Col. No. 148.

256845. Col. No. 158.

256836. Col. No. 149.

256846. Col. No. 159.

256837. Col. No. 150.

256847. Col. No. 160.

256838. Col. No. 151.

256848. Col. No. 161.

256839. Col. No. 152.

256849. Col. No. 162.

256840. Col. No. 153.

256850. Col. No. 163.

256841. Col. No. 154.

256851. Col. No. 164.

256842. Col. No. 155.

256852. Col. No. 165.

256843. Col. No. 156.

256853. Col. No. 166.

256804 to 256913—Continued**256823 to 256913—Continued****256854 to 256862.** Market, Trujillo, Trujillo Department.

256854. Col. No. 167.	256859. Col. No. 172.
256855. Col. No. 168.	256860. Col. No. 173.
256856. Col. No. 169.	256861. Col. No. 174.
256857. Col. No. 170.	256862. Col. No. 175.
256858. Col. No. 171.	

256863 to 256866. Market, Chimbote, Ancash Department.

256863. Col. No. 176.	256865. Col. No. 178.
256864. Col. No. 177.	256866. Col. No. 179.

256867 to 256879. Market, Lima, Lima Department.

256867. Col. No. 180.	256874. Col. No. 187.
256868. Col. No. 181.	256875. Col. No. 188.
256869. Col. No. 182.	256876. Col. No. 189.
256870. Col. No. 183.	256877. Col. No. 190.
256871. Col. No. 184.	256878. Col. No. 191.
256872. Col. No. 185.	256879. Col. No. 192.
256873. Col. No. 186.	

256880. Col. No. 193. Seventy miles south of Lima. Large vine.**256881 to 256884.** Market, Canete, Canete Department.

256881. Col. No. 194.	256883. Col. No. 196.
256882. Col. No. 195.	256884. Col. No. 197.

256885 to 256889. Market, Chíncha Alta, Chíncha Province.

256885. Col. No. 198.	256888. Col. No. 201.
256886. Col. No. 199.	256889. Col. No. 202.
256887. Col. No. 200.	

256890. Col. No. 203. Garden two miles north of Pisco, Pisco Province.**256891 to 256903.** Grown at Ica Province.

256891. Col. No. 204.	256898. Col. No. 211.
256892. Col. No. 205.	256899. Col. No. 212.
256893. Col. No. 206.	256900. Col. No. 213.
256894. Col. No. 207.	256901. Col. No. 214.
256895. Col. No. 208.	256902. Col. No. 215.
256896. Col. No. 209.	256903. Col. No. 216.
256897. Col. No. 210.	

256904 to 256906. Market, Mazca, Mazca Province.

256904. Col. No. 217.
256905. Col. No. 218.
256906. Col. No. 219.

256907 to 256913. Market, Lima, Lima Department.**256907 to 256911.** Grown at Ica Province.

256907. Col. No. 220.	256910. Col. No. 223.
256908. Col. No. 221.	256911. Col. No. 224.
256909. Col. No. 222.	

256912. Col. No. 225. Grown at Chiclayo, Lambayeque Department.**256913.** Col. No. 226. Grown at Piura, Piura Province.

256914. *PRUNUS AVIUM* L. Amygdalaceae. **Sweet cherry.**
From New Zealand. Scions presented by the Department of Agriculture, Dunedin. Received Apr. 15, 1959.

'Dawson'. From Otago.

256915 to 256919.

From Australia. Plants presented by the Adelaide Botanic Gardens, Adelaide, South Australia. Received Apr. 15, 1959.

256915 and 256916. *CHRYSANTHEMUM THUNBERGII* Harv. Asteraceae.

256915. Single pink.

256916. Double pink.

256917. *PLECTRANTHUS COLEOIDES* var. *VARIEGATA* Benth. Menthaceae.

256918. *RUELLIA CILIOSA* Pursh. Acanthaceae.

256919. *TECOMANTHE DENDROPHILA* (Blume) K. Schum. Bignoniaceae.

256920 to 256923.

From Colombia. Seeds collected by R. W. Allard and Carl Tucker, University of California, Davis, Calif. Received Apr. 22, 1959.

256920. *RHYNCHOSIA* sp. Fabaceae.

Col. No. 107. Four miles from Honda, Bogota Road, Tolima Department.

256921. *RHYNCHOSIA* sp.

Col. No. 108. Seven miles from Honda, Bogota Road.

256922. *RHYNCHOSIA* sp.

Col. No. 109. Ten miles from Honda.

256923. *RHYNCHOSIA* sp.

Col. No. 110. Halfway between Guada and Sasaima, Bogota Road.

256924 to 256929.

From Spain. Seeds presented by the Servicio de Parques y Jardines, Barcelona. Received Apr. 22, 1959.

256924. *IPOMOEA PURPUREA* (L.) Roth. Convolvulaceae.

Common morning-glory.

256925. *MANIHOT CARTHAGINENSIS* Muell. Euphorbiaceae.

256926. *MISCANTHUS SINENSIS* Anderss. Poaceae.

Chinese silvergrass.

256927. *SETARIA PALMIFOLIA* (Willd.) Stapf Poaceae.

256928. *PENNISETUM VILLOSUM* R. Br. Poaceae.

Feathertop.

256929. *SOLANUM ALATUM* Seem. & Schmidt Solanaceae.

256930 to 256935. *ZEA MAYS* L. Poaceae.

Corn.

From Colombia. Seeds presented by the Minagricultura "Tibaitata", Bogota. Received Apr. 16, 1959.

256930. 'Narino 330-#-#a-L'.

256931. 'Peru 330-L-#-#'.

256932. 'Eto-#-#'.

256933. 'Narino 330' × 'Eto'.

256934. 'Narino 330' × 'Peru 330'.

256935. 'Eto' × 'Peru 330'.

256936 to 256951.

From France. Seeds presented by the Museum of Natural History, Paris. Received Apr. 16, 1959.

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| 256936. | MELILOTUS ALBA Desr. Fabaceae. | White sweetclover. |
| 256937. | MELILOTUS INDICA (L.) All. | Annual yellow sweetclover. |
| 256938. | MELILOTUS OFFICINALIS (L.) Lam. | Yellow sweetclover. |
| 256939. | TRIFOLIUM ALPESTRE L. Fabaceae | Clover. |
| 256940. | TRIFOLIUM ANGUSTIFOLIUM L. | |
| 256941. | TRIFOLIUM ARVENSE L. | Rabbitfoot clover. |
| 256942. | TRIFOLIUM BOCCONEI Savi | |
| 256943. | TRIFOLIUM FRAGIFERUM L. | Strawberry clover. |
| 256944. | TRIFOLIUM GLOMERATUM L. | Cluster clover. |
| 256945. | TRIFOLIUM HYBRIDUM L. | Alsike clover. |
| 256946. | TRIFOLIUM LAPPACEUM L. | Lappa clover. |
| 256947. | TRIFOLIUM PANNONICUM Jacq. | |
| 256948. | TRIFOLIUM RUBENS L. | |
| 256949. | TRIFOLIUM SQUARROSUM L. | |
| 256950 and 256951. | TRIFOLIUM STRIATUM L. | Striate clover. |
| 256950. | No. 1. | |
| 256951. | No. 2. | |

256952 and 256953.

From South West Africa. Seeds presented by the Office of the Director of Agriculture, Windhoek. Received Apr. 17, 1959.

Collected at Ondangua, Ovamboland Native Reserve, South West Africa.

256952. SESAMUM ALATUM Thonn. Pedaliaceae.
 256953. SESAMUM SCHENCKII Aschers.

256954 and 256955.

From the Union of South Africa. Seeds collected by the University of Stellenbosch, Stellenbosch, Cape Province. Received Apr. 17, 1959.

Collected in Jonkershoek, Cape Province.

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| 256954. | DISA sp. Orchidaceae. | Orchid. |
| 256955. | DISA sp. | Orchid. |

256956. PHALARIS (hybrid). Poaceae.

From Argentina. Seeds presented by the Plant Introduction Section, Ministry of Agriculture, Buenos Aires. Received Apr. 17, 1959.

'El Gaucho'. (*P. aquatica* × *P. arundinacea*). A promising forage in Argentina.

256957 to 256971.

From Rumania. Seeds presented by the Agricultural Experiment Station, Bucharest. Received Apr. 17, 1959.

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| 256957. | SECALE CEREALE L. Poaceae. | Rye. |
| | 'Harrach'. | |

256957 to 256971—Continued

256958 to 256971. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**

256958 and 256959. Spring types.

256958. 'Academia 48'.

256959. 'Cluj 48/600'.

256960 to 256971. Winter types.

256960. A. 15.

256966. 'Cenad 117'.

256961. C185.

256967. 'Cenad 512'.

256962. S. 6.

256968. 'Cluj 722'.

256963. T.F. 16.

256969. 'Icar 571 NE'.

256964. 'Bankut 1201 R' (42).

256970. 'N. Balcescu'.

256965. 'Baragan 77'.

256971. 'Odvos 241'.

256972. *JUGLANS REGIA* L. Juglandaceae. **Persian walnut.**

From Czechoslovakia. Scions presented by the Botanicka Zahrada, Kosice, Komenskeho. Received Apr. 20, 1959.

256973 to 256984. *SOLANUM TUBEROSUM* L. Solanaceae. **Potato.**

From Mexico. Tubers presented by the Oficina de Estudios Especiales, Mexico City, D.F. Received Apr. 21, 1959.

256973. 54-Q-2.

256979. 133-5.

256974. 'Cimarrona'.

256980. 146-4.

256975. 133-3.

256981. 146-10.

256976. 202-3.

256982. 201-13.

256977. Hol. 38.

256983. 161-2.

256978. RO-16.

256984. 'Dona Rosa'.

256985. *HIBISCUS PUNGENS* Roxb. Malvaceae.

From Taiwan. Seeds presented by the Joint Commission on Rural Reconstruction, Taipei. Received Apr. 21, 1959.

'Paw Keo'.

256986 to 256990. *ORYZA SATIVA* L. Poaceae. **Rice.**

From India. Seeds presented by the Paddy Specialist, Hyderabad. Received Apr. 21, 1959.

256986. H.R. 98.

256989. H.R. 109.

256987. H.R. 102.

256990. H.R. 110.

256988. H.R. 107.

256991 to 256996. *THEOBROMA CACAO* L. Sterculiaceae. **Cacao.**

From Costa Rica. Budsticks presented by the Inter-American Institute of Agricultural Sciences, Turrialba. Received Apr. 9, 1958.

256991. UF-10.

256994. UF-29.

256992. UF-11.

256995. UF-168.

256993. UF-12.

256996. UF-296.

256997 to 257000. *THEOBROMA CACAO* L. Sterculiaceae. **Cacao.**

From the British West Indies. Budsticks presented by the Cacao Industry Improvement Scheme, Grenada. Received Nov. 5, 1958. Numbered Apr. 21, 1959.

256997. GS-17.

256999. GS-50.

256998. GS-46.

257000. GS-78.

- 257001.** *THEOBROMA CACAO* L. Sterculiaceae. **Cacao.**
From Great Britain. Budsticks presented by the Royal Botanic Gardens, Kew, Surrey, England. Received Mar. 3, 1958. Numbered Apr. 21, 1959.
'Lafi-7'.
- 257002 to 257007.** *THEOBROMA CACAO* L. Sterculiaceae. **Cacao.**
From Ecuador. Budsticks presented by the Estacion Experimental Tropical, Guayaquil. Received Nov. 12, 1958. Numbered Apr. 21, 1959.
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| 257002. EET-19. | 257005. EET-96. |
| 257003. EET-48. | 257006. 'Silecia-1'. |
| 257004. EET-62. | 257007. 'Silecia-5'. |
- 257008 to 257011.** *SACCHARUM* (hybrids). Poaceae. **Sugarcane.**
From India. Cuttings presented by the Sugarcane Breeding Institute, Coimbatore. Received Apr. 21, 1959.
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| 257008. Co. 625. | 257010. SES 315. |
| 257009. SES 201. | 257011. SES 521. |
- 257012 to 257016.** *VITIS VINIFERA* L. Vitaceae. **European grape.**
From France. Cuttings presented by the Station de Recherches Viticoles, Pont-de-la-Maye, Gironde. Received Apr. 22, 1959.
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| 257012. 420A. | 257015. 41B. |
| 257013. SO4. | 257016. 'Berlandun Ressigura No. 2'. ('Greffison 420A'). |
| 257014. 333 EM. | |
- 257017 and 257018.**
From South West Africa. Seeds presented by C. V. Porter, Windhoek. Received Apr. 22, 1959.
- 257017.** *GOSSYPIUM* (hybrid). Malvaceae. **Cotton.**
Bush to six feet high.
- 257018.** *GOSSYPIUM* sp.
Hardy, vigorous bush of considerable age.
- 257019 and 257020.**
From the Philippines. Plants presented by Mona Lisa Steiner, Pasay City. Received Apr. 23, 1959.
- 257019.** *HOYA IMBRICATA* Decne. Asclepiadaceae.
- 257020.** *STRONGYLODON MACROBOTRYS* A. Gray Fabaceae.
- 257021 and 257022.**
From Afghanistan. Seeds presented by the United States Operations Mission, Kabul. Received Apr. 23, 1959.
- 257021.** *PINUS GERARDIANA* Wall. Pinaceae. **Pine.**
'Djalgosa'; 'Chilghoza'. Twenty miles northeast of Gardez, Southern Province.
- 257022.** *ROBINIA PSEUDOACACIA* L. Fabaceae. **Common locust.**
Paghman, Kabul Province. A thornless variety.
- 257023 to 257040.** *ZEA MAYS* L. Poaceae. **Corn.**
From Colombia. Seeds presented by the Rockefeller Foundation, Agriculture Experiment Station, Tulio Ospina, Medellin. Received Apr. 23, 1959.
- 257023.** 'Raza Comun Segregaciones'.
257024. 'Raza Costena Segregaciones'.

257023 to 257040—Continued

257025. 'Raza Yucatan'.

257026 to 257035. Formerly from Bolivia.

257026. No. 992; P57B-6791.

257027. No. 1035; P57B-6789.

257028. No. 1037; P57B-6793.

257029. No. 1063; 54A.

257030. No. 1071; 54A.

257031. 360; 53A.

257032. 458; 53A.

257033. 478; 53A.

257034. 846; 54A.

257035. 883; 54A.

257036 to 257040. Formerly from Ecuador.

257036. 387; 51B.

257039. 598; 53A.

257037. 434; 51B.

257040. 697; 53A.

257038. 578; 53A.

257041 and 257042. SORGHUM BICOLOR (L.) Moench Poaceae.

From Ethiopia. Seeds presented by the Imperial College of Agriculture, Addis Ababa. Received May 14, 1959.

257041. 'Collubi Dwarf'. Alemaya.

257042. Alemaya. Partial yellow endosperm.

257043. GOSSYPIUM BRASILIENSE Macfad. Malvaceae.

From Argentina. Seeds presented by an unknown donor. Received May 14, 1959.

257044 to 257215.

From Colombia, Ecuador and Peru. Seeds collected by Paul G. Smith, University of California, Davis, California. Received Apr. 25, 1959.

Collected February and March 1959.

257044 to 257131. Colombia.

257044 to 257051. Barranquilla market, Atlantico Dept.

257044. *CAPSICUM ANNUUM* L. Solanaceae.

Pimento.

No. 1. Fruit 5 by 1 cm., red, curved, somewhat rough.

257045 and 257046. *CAPSICUM SINENSE* L.

257045. No. 2. Fruit 6 by 2 cm., red, pointed, fairly smooth.

257046. No. 3. 'Aji dulce'. Fruit 6 by 3 cm., red.

257047 to 257049. *CAPSICUM ANNUUM* L.

Pimento.

257047. No. 4. Fruit 8 by 4 cm., red, smooth; flesh thick.

257048. No. 5. Fruit 8 by 2 cm., red, shaped like thick cayenne, irregular.

257049. No. 6. Fruit 9 by 5 cm., red, blunt and pointed, contorted.

257050 and 257051. *CAPSICUM FRUTESCENS* L.

Redpepper.

257050. No. 7. 'Aji dulce'. Fruit 6 by 3 cm., red.

257051. No. 8. Fruit 4 by 1.5 cm., red, yellow when immature, pointed, irregular.

257044 to 257215—Continued**257044 to 257131—Continued****257052 to 257055.** *CAPSICUM ANNUUM* L.**Pimento.****257052.** No. 9. 'Aji dulce'. Barranquilla market, Atlantico Dept. Fruit 10 by 4.5 cm., red, blunt to blunt-pointed, fairly smooth. Used for stuffing.**257053.** No. 10. 'Aji extranjero'. Cienaga de Oro, Bolivar Dept., 7.5 km. south of town. This is a typical ornamental pepper grown in the United States.**257054.** No. 11. 'Aji pimenton'. Market, Cienaga. Fruit 10 by 4.5 cm., red, blunt to blunt-pointed, smooth, used for stuffing, sweet.**257055.** No. 12. Cienaga market. Fruit 6 by 2 cm., red, pointed, smooth.**257056 to 257078.** *CAPSICUM FRUTESCENS* L.**Redpepper.****257056 to 257059.** Farm Tulio Rosa, 9 km. south of Cienaga.**257056.** No. 13. 'Aji picante'. Fruit 2.5 by 2.5 cm., red, blunt.**257057.** No. 14. Fruit 6 by 2.5 cm., red.**257058.** No. 15. Fruit 3.5 by 1.5 cm., red, pointed.**257059.** No. 16. 'Aji dulce'. Fruit 3 by 2.5 cm., red, round-pointed, not sweet; low level of pungency.**257060 to 257062.** Nine km. south of Cienaga.**257060.** No. 17. Fruit 2 by 1.3 cm.; flesh soft.**257061.** No. 18. 'Aji picante'. Fruit 2 by 1 cm., red; flesh soft.**257062.** No. 19. 'Aji silvestre'. Fruit 1.5 by 1 cm., red; flesh soft.**257063 to 257065.** Cartagena market, Bolivar Dept.**257063.** No. 20. 'Aji dulce'. Fruit 6 by 2.3 cm., yellow.**257064.** No. 21. Fruit 6 by 2.3 cm., red.**257065.** No. 22. Fruit 7 by 3 cm., red.**257066.** No. 23. Farm La Ceja Obscura. Fruit 2.5 cm. long, red, slender pointed.**257067 and 257068.** Barranquilla market, Atlantico Dept.**257067.** No. 24. 'Aji dulce'. Fruit 6 by 3 cm., red.**257068.** No. 25. 'Aji picante'. Fruit 5 by 1.5 cm., red, very irregular.**257069 to 257071.** Cartagena market, Bolivar Dept.**257069.** No. 26. Fruit 2 by 0.5 cm., yellow, slender and pointed.**257070.** No. 27. Fruit 1.5 by 1.5 cm., red, rough, spherical.**257071.** No. 28. Fruit red, large.**257072 and 257073.** Farm La Gallera, 17 km. south of Sincelejo, Bolivar Dept.**257072.** No. 29. Fruit 7 by 1 cm., red, pointed, rough.**257073.** No. 30. 'Pico de pajaro'. Fruit 1 by 0.5 cm., slender, pointed.**257074 to 257077.** Finca Altamira, 17 km. south of Sincelejo.**257074.** No. 31. 'Guagua'. Fruit less than 1 cm. long, pointed.**257075.** No. 32. Fruit 6 by 2.5 cm., slender, top-shaped.**257076.** No. 33. Fruit to 0.7 cm. long, red, oval.**257077.** No. 34. Fruit 1.5 cm. long, slender, pointed.

257044 to 257215—Continued**257044 to 257131—Continued****257056 to 257078—Continued**

257078. No. 35. San Jose, 111 km. south of Sincelejo, Pan American Highway. Fruit 1 by 0.7 cm., red, oval. Spontaneous among banana plants.

257079. *CAPSICUM* sp.

No. 36. San Jose, 111 km. south of Sincelejo, Pan American Highway. Fruit 1.5 by 1 cm., red, rounded point.

257080 to 257083. *CAPSICUM FRUTESCENS* L.**Redpepper.**

257080. No. 37. North of Caucasia. Fruit red, 2.5 by 1 cm.

257081. No. 38. North of Caucasia. Fruit yellow, 2 by 0.8 cm.

257082. No. 39. Along Pan American Highway, 18.5 km. south of Caucasia. Fruit 4.5 by 2 cm., red, long-pointed.

257083. No. 40. Thirty-seven km. south of Caucasia. Fruit red, long-pointed.

257084 to 257086. *CAPSICUM SINENSE* L.

257084. No. 46. Market, Medellin, Antioquia Dept. Fruit red, top-shaped, rather rough, 3 by 3 cm.

257085. No. 47. Market, Medellin, Antioquia Dept. Fruit red, long-pointed, 9 by 2.5 cm.

257086. No. 48. Market, Medellin, Antioquia Dept. Fruit deep red, 7 by 3.5 cm., extremely contorted.

257087 and 257089. *CAPSICUM ANNUM* L.

257087. No. 49. Faculty of Agriculture, National University, Medellin. Fruit red, pointed, rough, 4 by 1 cm.

257088. No. 50. Fruit 6 by 2 cm., red, slender top-shaped, slightly rough.

257089. No. 51. 'Pajarito'. Fruit oval, less than 1 cm. long.

257090. *CAPSICUM SINENSE* L.

No. 52. Experiment Station, Tulio Espina, 9 km. east of Medellin. Fruit 5 by 2.5 cm., red, rough and contorted.

257091 and 257092. *CAPSICUM FRUTESCENS* L.**Redpepper.**

257091. No. 56. 'Chivato'. Three km. north of Honda, near Magdalena River. Fruit 2.5 by 2 cm., red, top-shaped.

257092. No. 57. 'Comino'. On road to Bogota, 74 km. from Honda. Elevation 900 meters. Fruit 4.5 by 1.8 cm., red, long pointed, rough.

257093. *CAPSICUM* sp.

No. 58. 'Chilca'. Honda market, Tolima Dept. Fruit less than 1 cm. in diameter, red, oval.

257094. *CAPSICUM FRUTESCENS* L.**Redpepper.**

No. 59. 'Congo'. Honda market, Tolima Dept. Fruit larger than P.I. 257093.

257095. *CAPSICUM* sp.

No. 61. 'Pajarito'. Medellin market. Fruit less than 1 cm. long, red, oval.

257096 to 257099. *CAPSICUM ANNUM* L.**Pimento.**

257096. No. 62. Nine km. north of Honda. Fruit less than 1 cm., oval.

257097. No. 63. Road to Honda, 194 km. east of Medellin. Fruit less than 1 cm., red, oval.

257044 to 257215—Continued**257044 to 257131—Continued****257096 to 257099—Continued**

257098. No. 64. 'Hermanita'. Road to Bogota, 74 km. southeast of Honda. Fruit less than 1 cm. long, red, oval.

257099. No. 65. Road to Bogota, 74 km. southeast of Honda. Fruit small, oval, red.

257100. CAPSICUM FRUTESCENS L. Redpepper.

No. 67. 'Comino'. Bogota market. Fruit 3 by 1.8 cm., yellow, pointed, rough.

257101. CAPSICUM SINENSE L.

No. 68. 'Chilbato'. Fusagasuga market, Cundinamarca Dept. Fruit 4.5 by 2 cm., pointed, yellow, rough.

257102. CAPSICUM ANNUM L. Pimento.

No. 69. Girardota market, Antioquia Dept. Fruit less than 1 cm., oval, red.

257103 and 257104. CAPSICUM FRUTESCENS L. Redpepper.

257103. No. 70. Girardota market, Antioquia Dept. Fruit 4.5 by 3 cm., red, top-shaped.

257104. No. 71. Farm between Girardota and Espinal. Fruit 2.5 cm., red, rough, spherical.

257105 to 257107. CAPSICUM SINENSE L.

257105. No. 74. Armenia market, Caldas Dept. Fruit 8.5 by 4 cm., pointed, red, rough.

257106. No. 75. Armenia market, Caldas Dept. Fruit 7.5 by 4 cm., pointed, red, rough.

257107. No. 76. 1.6 km. north of Caicedonia, Valle del Cauca Dept. Fruit 4 by 4 cm., heart-shaped, red, not smooth.

257108. CAPSICUM ANNUM L. Pimento.

No. 77. Bogota market.

257109 and 257110. CAPSICUM SINENSE L.

257109. No. 78. Cali market, Valle del Cauca Dept. Fruit 10 by 2 cm., pointed, red, fairly smooth.

257110. No. 79. Cali market, Valle del Cauca Dept. Fruit 4.5 by 1.5 cm., pointed, red, fairly smooth.

257111. CAPSICUM ANNUM L. Pimento.

No. 80. Cali market, Valle del Cauca Dept. Fruit 1 cm. long, oval, red.

257112 to 257113. CAPSICUM sp.

257112. No. 81. Cali market, Valle del Cauca Dept. Fruit 1 cm. long, oval, red.

257113. No. 82. Cali market, Valle del Cauca Dept. Fruit 8 by 1 cm., red, slender, slightly irregular.

257114. CAPSICUM ANNUM L.

No. 83. Cali market, Valle del Cauca Dept. Fruit slender, orange.

257115 and 257116. CAPSICUM SINENSE L.

257115. No. 84. Cali market, Valle del Cauca Dept. Fruit slender, yellow.

257116. Outskirts of Popayan. Fruit 6 by 1 cm., yellow, rough.

257044 to 257215—Continued**257044 to 257131—Continued**

- 257117 to 257119.** *CAPSICUM ANNUUM* L. **Pimento.**
 Popayan market.
257117. No. 87. Fruit 1 cm., red, oval.
257118. No. 88. Fruit 1 cm., red, oval.
257119. No. 89. Fruit 1 cm., red, oval.
- 257120.** *CAPSICUM* sp.
 No. 90. Popayan market. Fruit 1.5 cm. long, red, top-shaped.
- 257121.** *CAPSICUM FRUTESCENS* L. **Redpepper.**
 No. 91. Honda market. Fruit 1 cm., red, top-shaped.
- 257122.** *CAPSICUM PENDULUM* Willd.
 No. 92. Popayan market. Fruit 9 by 1.5 cm., red, pointed, rough.
- 257123 to 257127.** *CAPSICUM SINENSE* L.
 Popayan market.
257123. No. 93. Fruit 5 by 2 cm., red, rough.
257124. No. 94. Fruit 10 by 1.5 cm., light orange.
257125. No. 95. Fruit 7.5 by 1 cm., orange-red, smooth.
257126. No. 96. Fruit 9 by 1 cm., orange-yellow, smooth.
257127. No. 97. Fruit 5 by 1 cm., orange, fluted, rough.
- 257128.** *CAPSICUM ANNUUM* L. **Pimento.**
 No. 99. Mercaderes. Fruit 7.5 by 1.5 cm., red, smooth.
- 257129.** *CAPSICUM SINENSE* L.
 No. 100. Mercaderes. Fruit 2.5 by 1.5 cm., yellow.
- 257130.** *CAPSICUM* sp.
 No. 104. Pasto market, Narino Dept. Fruit 6.5 by 2 cm., pointed, red.
- 257131.** *CAPSICUM SINENSE* L.
 No. 105. Pasto market, Narino Dept. Fruit 10 by 1.5 cm., slender, like cayenne.
- 257132 to 257139.** From Ecuador.
- 257132.** *CAPSICUM SINENSE* L.
 No. 109. Tulcan market, Carchi Province. Fruit 6 by 3.5 cm., red, rough, flattened, pointed, 2- and 3-sided.
- 257133 to 257135.** *CAPSICUM PENDULUM* Willd.
257133. No. 110. Tulcan market, Carchi Province. A mixture of varieties.
257134. No. 113. Latacunga market, Cotopaxi Province. Fruit 12 by 2 cm., red.
257135. No. 114. Latacunga market, Cotopaxi Province. Fruit slender yellow.
- 257136 to 257139.** *CAPSICUM SINENSE* L.
257136. No. 118. Quevedo. Fruit 7 by 3.5 cm., red, rough, pointed.
257137. No. 119. Quevedo. Fruit 7 by 3.5 cm., yellow, rough, pointed.
257138. No. 120. Quevedo. Fruit 1.5 by 1.5 cm., yellow top-shaped.
257139. No. 121. Military Post, Arenillas. Fruit 0.8 by 0.6 cm., red.

257044 to 257215—Continued

257140 to 257187. From Peru.

257140. *CAPSICUM SINENSE* L.

No. 122. Tourist Hotel, Tumbes, Tumbes Dept. Fruit 1.5 by 1 cm., red, rough, top-shaped.

257141. *CAPSICUM PENDULUM* Willd.

No. 123. Tumbes market. Fruit 5 by 1 cm., yellow, rough.

257142. *CAPSICUM SINENSE* L.

No. 124. Tumbes market. Fruit 3 by 1.5 cm., orange, rounded.

257143. *CAPSICUM PENDULUM* Willd.

No. 125. 'Aji de Mesa'. Tumbes market. Fruit 2 by 2 cm., red, turban-shaped.

257144. *CAPSICUM ANNUUM* L.

Pimento.

No. 126. 'Aji dulce'. Tumbes market. Small bell type pepper.

257145 to 257147. *CAPSICUM SINENSE* L.

257145. No. 127. Talara market, Piura Dept. Fruit 3 cm., lemon yellow, top-shaped.

257146. No. 128. Tumbes market. Fruit 3 cm., orange, top-shaped.

257147. No. 129. Tumbes market. Fruit 6 by 1.5 cm., red, slender, much contorted.

257148. *CAPSICUM* sp.

No. 130. Tumbes market. Fruit 4 by 2 cm., red, rough, pointed.

257149 to 257154. *CAPSICUM PENDULUM* Willd.

257149. No. 131. Tumbes market. Fruit 6 by 2 cm., orange, pointed.

257150. No. 132. Five km. south of Tumbes. Fruit 6 by 3 cm., orange, rough, cylindrical, ends rounded.

257151. No. 133. Talara market. Fruit 7 by 1 cm., red, wrinkled, slender.

257152. No. 134. Talara market. Fruit 10 by 1.5 cm., yellow.

257153. No. 135. Talara market. Fruit 10 by 1.5 cm., orange.

257154. No. 136. Piura market, Piura Dept. Fruit very large, orange.

257155. *CAPSICUM FRUTESCENS* L.

Redpepper.

No. 137. Piura market, Piura Dept. Fruit to 2 cm. long, red, slender.

257156. *CAPSICUM SINENSE* L.

No. 138. Piura market, Piura Dept. Fruit 3 by 2 cm., red, turban-shaped.

257157. *CAPSICUM PENDULUM* Willd.

No. 139. Piura market, Piura Dept. Fruit 3 by 2 cm., orange, rough, oval.

257158. *CAPSICUM SINENSE* L.

No. 140. Piura market, Piura Dept. Fruit 7 by 1 cm., red, slender.

257159. *CAPSICUM PENDULUM* Willd.

No. 142. Chiclayo market, Lambayeque Dept. Fruit 12 by 2 cm., orange, long, pointed.

257160. *CAPSICUM PUBESCENS* Ruiz & Pav.

No. 145. Chiclayo market, Lambayeque Dept. Fruit 3 by 3 cm., red, turban-shaped, rough.

257044 to 257215—Continued**257044 to 257187—Continued****257161.** *CAPSICUM PENDULUM* Willd.

No. 146. Chiclayo market, Lambayeque Dept. Fruit 6 by 1 cm., red.

257162. *CAPSICUM SINENSE* L.

No. 147. Chiclayo market, Lambayeque Dept. Fruit 6 by 1 cm., mixture of orange and red types, slender, smooth.

257163 and 257164. *CAPSICUM PENDULUM* Willd.

257163. No. 152. Trujillo market. Fruit 7 by 2 cm., orange, long, wrinkled.

257164. No. 153. 'Escabrechi'. Trujillo market. Fruit 5 by 1 cm., orange, cylindrical, pointed.

257165 to 257167. *CAPSICUM SINENSE* L.

257165. No. 154. Trujillo market. Fruit 3 by 2 cm., lemon yellow, pointed, somewhat turban-shaped, very wrinkled.

257166. No. 155. Trujillo market. Fruit 3 by 1 cm., lemon yellow, slender.

257167. No. 157. Trujillo market. Fruit 4 by 1 cm., orange.

257168 and 257169. *CAPSICUM PENDULUM* Willd.

257168. No. 158. Trujillo market. Fruit 5 by 1 cm., orange and yellow, slender, pointed.

257169. No. 159. Trujillo market. Fruit 5 by 1 cm., orange and yellow, slender, pointed.

257170 and 257171. *CAPSICUM SINENSE* L.

257170. No. 160. Trujillo market. Fruit red, slender, top-shaped, 3 by 1.3 cm. Large amount of anthocyanin present when immature.

257171. No. 161. Chimbote market. Fruit brown, pointed, 8 by 2.5 cm.

257172 to 257174. *CAPSICUM PENDULUM* Willd.

257172. No. 162. Chimbote market. Fruit orange, pointed and blunt, surface irregular, 6 by 1.5 cm.

257173. No. 163. Chimbote market. Fruit quite smooth, pointed, 4 by 1 cm.

257174. No. 164. Chimbote market. Fruit orange, blunt, 3.5 by 2 cm.

257175 and 257176. *CAPSICUM SINENSE* L.

257175. No. 166. Chimbote market. Fruit red, with blush of purple top-shaped, 3 by 1 cm.

257176. No. 167. Chimbote market. Fruit orange and yellow forms, rough, turban-shaped, 2.3 by 2.3 cm.

257177 to 257180. *CAPSICUM PENDULUM* Willd.

257177. No. 168. Chimbote market. Fruit golden yellow, slender, 5 by 1 cm.

257178. No. 169. Chimbote market. Fruit orange, long and pointed.

257179. No. 170. Commercial field, Barranco. Fruit orange, long, slender, pointed, rough, 10 by 2.5 cm.

257180. No. 171. Commercial field, Barranco. Fruit orange, pointed, 5 by 2 cm.

257181. *CAPSICUM FRUTESCENS* L.

No. 173. Chiclayo market. Fruit red, slender, 1.5 cm. in diameter.

257044 to 257215—Continued**257044 to 257187—Continued****257182.** CAPSICUM ANNUUM L.**Pimento.**

No. 174. Canete market. Fruit red, tapering, 10 by 3 cm.

257183 to 257186. CAPSICUM PENDULUM Willd.**257183.** No. 175. Canete market. Fruit yellow and orange, long, pointed, 13 by 3 cm.**257184.** No. 176. Canete market. Fruit orange, pointed, long, smooth, 17 by 4 cm.; flesh thick.**257185.** No. 177. Chincha Alta market. Same type as P.I. 257175 and 257176.**257186.** No. 178. Pisco market. Same type as P.I. 257176.**257187.** CAPSICUM ANNUUM L.**Pimento.**

No. 179. Ica market. Fruit red, pointed and blunt, 8 by 3.5 cm.

257188 to 257215. CAPSICUM PUBESCENS Ruiz & Pav.**257188 to 257202.** Colombia.**257188 and 257189.** Don Matias, near Medellin, Antioquia Dept.**257188.** No. 41. Fruit 3 by 5 cm., red, flattened.**257189.** No. 42. Fruit 7 by 5 cm., red, with constricted neck.**257190 to 257192.** Medellin market.**257190.** No. 43. Fruit 7 by 5 cm., red, flattened, style indented.**257191.** No. 44. Fruit 5 by 6 cm., red, apple-shaped.**257192.** No. 45. Fruit 6 by 4 cm., red, rather rough, shaped much like the 'San Marzano' tomato.**257193 and 257194.** Sixty km. east of Medellin, on road between La Ceja and Union.**257193.** No. 53. Fruit 3 by 5 cm., red, flattened.**257194.** No. 54. Fruit 3 by 5 cm., red, flattened.**257195.** No. 55. Sonson market, Antioquia Dept. Fruit red, apple-shaped.**257196.** No. 66. 'Rocote'. Bogota market, Cundinamarca Dept. Fruit 5.5 by 3 cm., red, with neck at top.**257197.** No. 72. Ibaguè market. Fruit 5.5 by 5.5 cm., red, rough, apple-shaped.**257198.** No. 73. Armenia market, Caldas Dept. Fruit 5.5 by 4 cm., red, smooth.**257199 to 257201.** Pasto market, Narino Dept.**257199.** No. 102. Fruit 6 by 3.5 cm., red, elongated with definite neck.**257200.** No. 103. Fruit 7 by 2.5 cm., red.**257201.** No. 106. Fruit 6 by 5 cm., red, large, apple-shaped, flattened.**257202.** No. 107. Fruit 6.5 by 3.5 cm., red, shaped like 'San Marzano' tomato.**257203.** No. 108. Tulcan market, Carchi Province, Ecuador. Fruit 4 by 3 cm., red.**257204 and 257205.** Latacungo market, Cotopaxi Province, Ecuador.**257204.** No. 111. Fruit 7 by 3 cm., orange, pointed to rounded.**257205.** No. 112. Fruit 6.5 by 4 cm., orange yellow, elongate oval.

257044 to 257215—Continued**257188 to 257215—Continued**

257206 to 257208. Chiclayo market, Lambayeque Dept., Peru.

257206. No. 141. Fruit 3 cm. long, brown, oval.

257207. No. 143. Fruit 5 by 2 cm., red, long, oval, flattened.

257208. No. 144. Fruit 4 by 3 cm., orange, rough, elongate, rounded.

257209 to 257213. Trujillo market, Peru.

257209. No. 148. Fruit 9 by 2 cm., lemon yellow, long, slender.

257210. No. 149. Fruit 3.5 by 2.5 cm., golden color, quite smooth, blunt.

257211. No. 150. Fruit 3.5 by 2.5 cm., orange, with definite neck.

257212. No. 151. Fruit 4 by 2 cm., orange with purple blush, elongate rather rough.

257213. No. 156. Fruit yellow and orange, mixed.

257214. No. 165. (No data.)

257215. No. 172. (No data.)

257216 and 257217. SACCHARUM (hybrids). Poaceae. Sugarcane.

From Colombia. Cuttings presented by the Granja Agricola Experimental, Palmira. Received Apr. 27, 1959.

257216. C.P.C. 13911.

257217. C.P.C. 33.470.

257218. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Ethiopia. Seeds presented by the Bishoftu Experimental Station, Imperial Ethiopian College of Agriculture and Mechanical Arts, Addis Ababa. Received Apr. 27, 1959.

257219 to 257224.

From Colombia. Seeds collected and presented by R. W. Allard and Carl Tucker, University of California, Davis, California. Received Apr. 27, 1959.

257219 to 257221. PHASEOLUS LUNATUS L. Fabaceae.

Lima bean.

257219. Col. No. 111. Guardot market.

257220. Col. No. 112. Guardot market.

257221. Col. No. 113. Cali market.

257222 and 257223. PHASEOLUS VULGARIS L.

Common bean.

257222. Col. No. 114. Cali market.

257223. Col. No. 125. Gulcon market.

257224. PHASEOLUS sp.

Col. No. 115. Forty-four miles south of Popayan. Elevation 3,490 feet.

257225 and 257226. PRUNUS AVIUM L. Amygdalaceae.

Sweet cherry.

From Iran. Budsticks presented by the agricultural attache, United States Embassy, Teheran. Received Mar. 6, 1959.

257225. 'Meshed Special Farangi'. Fruit large, round; skin reddish black; flesh bright red, sweet.

257226. 'Glassy of Meshed'. Fruit round; skin cream-colored; flesh pink, subacid.

257227 to 257247.

From Thailand. Seeds presented by the agricultural attache, United States Embassy, Bangkok. Received Apr. 27, 1959.

Formerly from the People's Republic of China.

257227 and 257228. *APIUM GRAVEOLENS* var. *RAPACEUM* DC. Apiaceae.
Celeriac.

257227. No. 68. 'Wai Sha, Ch'eng Hai'.

257228. 'Wai Sha, Ch'eng Hai'.

257229 and 257230. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae.
Cauliflower.

257229. No. 62. 'Chinese White'. 'Ming Hou'.

257230. 'Chinese White'. 'Ming Hou'.

257231. *BRASSICA OLERACEA* var. *CAPITATA* L. Cabbage.
No. 57. 'Shanghai'.

257232 to 257235. *BRASSICA OLERACEA* var. *VIRIDIS* L. Kale.

257232. No. 51. 'Tung Tun'.

257233. No. 56. 'Chia P'u'.

257234. No. 69. 'Wai Sha, Ch'eng Hai'.

257235. 'Wai Sha, Ch'eng Hai'.

257236 to 257238. *BRASSICA PEKINENSIS* (Lour.) Rupr. Chinese cabbage.

257236. No. 52. 'Wong Bok'. 'Ch'ao An'.

257237. No. 79. 'Chiang Men'.

257238. 'Wong Bok Ch'ao An'.

257239. *BRASSICA CAMPESTRIS* L.

No. 58. 'Wai Sha, Ch'eng Hai'.

257240. *BRASSICA* sp.

No. 65. 'Wai Sha, Ch'eng Hai'.

257241. *BRASSICA CAMPESTRIS* L. Bird rape.

No. 67. 'Hou T'ien'.

257242. *CICHORIUM ENDIVIA* L. Cichoriaceae. Endive.

No. 7. 'Ch'eng Hai'.

257243. *MOMORDICA CHARANTIA* L. Cucurbitaceae. Balsam-pear.

No. 66. 'Nan Ching P'u Ning'.

257244. *PISUM SATIVUM* L. Fabaceae. Pea.

No. 3. 'Tung Haun'. Kwangtung.

257245 to 257247. *RAPHANUS SATIVUS* L. Brassicaceae. Radish.

257245. No. 64. 'Nan P'an Chou'.

257246. No. 74. 'Wang Wei'.

257247. 'Wang Wei'.

257248 to 257267. *ZEA MAYS* L. Poaceae. Corn.

From Israel. Seeds presented by the Agricultural Experiment Station, Neveh-Yaar. Received Apr. 28, 1959.

257248. No. 1. Sw C Y S₃. Endosperm hard.

257249. No. 2. Is X US Inbred. Endosperm defective.

257250. No. 30. Sh Wh. Endosperm defective.

257248 to 257267—Continued

257251. No. 45. Sw C Y S₃. Endosperm hard.
 257252. No. 46. Is X US Inbred. Endosperm defective.
 257253. No. 74. Sh Wh No. 466e II. Endosperm defective.
 257254. No. 74. Sw C U11 1176e IIS₃. Endosperm hard.
 257255. No. 76. Is Sh 475e IV. Endosperm defective.
 257256. No. 81. Is Sh No. 485e IIb. Endosperm defective.
 257257. No. 97. Sw C Y S₃. Endosperm hard.
 257258. No. 115d. Sw C Y S₃. Endosperm hard.
 257259. No. 119. Sw C U11 1103e IS₃. Endosperm hard.
 257260. No. 129. Is Sh No. 37e II. Endosperm defective.
 257261. No. 141. Sw C Y S₃. Endosperm hard.
 257262. No. 155. Sw C Y Inbred No. 10b. Endosperm hard.
 257263. No. 157. Sw C Y S₃ Inbred No. 11. Endosperm hard.
 257264. No. 158. Sw C Y S₃ Inbred No. 11a. Endosperm hard.
 257265. No. 160. Is Sh No. 33. Endosperm defective.
 257266. No. 161. Is Sh No. 40e I. Endosperm defective.
 257267. No. 309. Checks No. 1. Endosperm defective.

257268 to 257275.

From Sweden. Seeds presented by Weibull Plant Research Institute, Landskrona.
 Received Apr. 28, 1959.

257268. DACTYLIS GLOMERATA L. Poaceae. Orchardgrass.
 'Tardus II'.
 257269. FESTUCA ELATIOR L. Poaceae. Meadow fescue.
 'Mimer'.
 257270. LOLIUM PERENNE L. Poaceae. Perennial ryegrass.
 'Viris'.
 257271 and 257272. PHLEUM PRATENSE L. Poaceae. Timothy.
 257271. 'Kampe II'.
 257272. T 41.
 257273. TRIFOLIUM HYBRIDUM L. Fabaceae. Alsike clover.
 'Tetra'.
 257274. TRIFOLIUM PRATENSE L. Red clover.
 'REA (R 28)' (Tetraploid).
 257275. TRIFOLIUM REPENS L. Whiteclover.
 'Nora'.

257276 to 257290.

From Spain. Seeds presented by the Horticultural and Fruit Experiment Station, Murcia. Received Apr. 28, 1959.

257276. ALLIUM CEPA L. Liliaceae. Onion.
 'Babosa'.
 257277. ALLIUM SATIVUM L. Garlic.
 'Ajo'.
 257278. ALLIUM sp. 'Ajo Porro'.

257276 to 257290—Continued

- 257279.** *APIUM GRAVEOLENS* var. *RAPACEUM* DC. Apiaceae. **Celeriac.**
White celery.
- 257280.** *BETA VULGARIS* var. *CICLA* L. Chenopodiaceae. **Swiss chard.**
White stalk.
- 257281.** *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. **Cauliflower.**
Christmas cauliflower.
- 257282.** *CANNABIS SATIVA* L. Moraceae. **Hemp.**
- 257283 and 257284.** *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
257283. 'De Boina'.
257284. 'Morrón'.
- 257285.** *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**
'Tendral'. Formerly from Alicante Province.
- 257286.** *CUCUMIS SATIVUS* L. **Cucumber.**
- 257287.** *CUCURBITA MAXIMA* Duchesne Cucurbitaceae. **Squash.**
'Green Marrow'.
- 257288 and 257289.** *LACTUCA SATIVA* L. Cichoriaceae. **Lettuce.**
257288. 'Oreja'.
257289. No varietal name.
- 257290.** *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**
'Murciano'.
- 257291.** *CARTHAMUS TINCTORIUS* L. Asteraceae. **Safflower.**
From Iran. Seeds presented by the United States Operations Mission Meshed.
Received Apr. 29, 1959.
Collected at Golmacon, 30 miles northwest of Meshed.
- 257292 to 257327.**
From Argentina. Seeds presented by the Division of Plant Exploration and
Introduction, Buenos Aires. Received Apr. 29, 1959.
- 257292.** *SORGHUM CAUDATUM* (Hack.) Stapf Poaceae.
Mf.G.F.: 1065.
- 257293.** *SORGHUM MILIIFORME* (Hack.) Snowden
Mf.G.F.: 1174.
- 257294 and 257295.** *SORGHUM DOCHNA* (Forsk.) Snowden
257294. Mf.G.F.: 383.
257295. Mf.G.F.: 581.
- 257296 to 257327.** *SORGHUM BICOLOR* (L.) Moench
257296. Mf.G.F.: 1226; 'Berr'.
257297. Mf.G.F.: 1256; 'Dagua'.
257298. Mf.G.F.: 1215; 'Damatayoum'.
257299. Mf.G.F.: 1220; 'Djarto Kogolo'.
257300. Mf.G.F.: 1216; 'Dokok'.
257301. Mf.G.F.: 1430; 'Feterita Pergamino'.
257302. Mf.G.F.: 1218; 'Galia'.

257292 to 257327—Continued**257296 to 257327—Continued**

- 257303.** Mf.G.F.: 1166; 'Ghirba'.
257304. Mf.G.F.: 1211; 'Godgi'.
257305. Mf.G.F.: 1230; 'Godji'.
257306. Mf.G.F.: 1231; 'Godji'.
257307. Mf.G.F.: 1116; 'Haakdoring Soetriet'.
257308. Mf.G.F.: 1228; 'Takam'.
257309. Mf.G.F.: 1228; 'Koukouro'.
257310. Mf.G.F.: 1219; 'Kounan'.
257311. Mf.G.F.: 1223; 'Kourbo'.
257312. Mf.G.F.: 1229; 'Kourka'.
257313. Mf.G.F.: 1225; 'Kourka Atchie'.
257314. Mf.G.F.: 1214; 'Madara'.
257315. Mf.G.F.: 1212; 'Mandara'.
257316. Mf.G.F.: 1191; 'Matso Ga Ng'onzi'.
257317. Mf.G.F.: 1195; 'Mweru Type'.
257318. Mf.G.F.: 1213; 'Nadjada'.
257319. Mf.G.F.: 1217; 'Nadjada Aingoni'.
257320. Mf.G.F.: 1427; 'Oliveros Carcarana MAG'.
257321. Mf.G.F.: 1428; 'Oliveros Panana MAG'.
257322. Mf.G.F.: 1204; 'Orange Nero 463'.
257323. Mf.G.F.: 1209; 'Panhare'.
257324. Mf.G.F.: 1137; 'Rosso Lombardo'.
257325. Mf.G.F.: 1172; 'Rosso Lombardo 360'.
257326. Mf.G.F.: 1167; Self.
257327. Mf.G.F.: 1210; 'Urtchinn'.

257328 to 257341. SACCHARUM (hybrids). Poaceae. Sugarcane.

From Brazil. Cuttings presented by the Instituto Agronomico do Estado de Sao Paulo, Campinas. Received Apr. 29, 1959.

- 257328.** CB.41/76 (POJ. 2878 × ?).
257329. CB.47/15 (POJ. 2947 × Co. 331).
257330. CB.48/12 (Co. 213 × Co. 290).
257331. CB.49/260 (CB.44/260 × ?).
257332. CB.50/66 (POJ. 2878 × POJ. 2822).
257333. IAC.50/90 (Co. 419 × U.S. 1694).
257334. IAC.50/134 (Co. 419 × Co. 285).
257335. IAC.50/218 (Co. 421 × Co. 285).
257336. IAC.54/69 (Co. 419 × CP. 1165).
257337. IAC.54/75 (CP/34/120 × CP. 29/116).
257338. IAC.54/439 (CB.40/46 × CP. 27/139).
257339. IAC.55/18 (Co. 290 × POJ 2878).
257340. IAC.55/26 (Co. 299 × POJ 2878).
257341. IAC.55/29 (Co. 290 × POJ 2878).

257342 and 257343.

From Kenya. Bulbs and seeds presented by the United States Consul, Nairobi.
Received Apr. 29, 1959.

257342. NARCISSUS TAZETTA L. Amaryllidaceae.

Red. (Bulbs.)

257343. SALVIA sp. Menthaceae.

Blue. South African Seed Company, Johannesburg, Union of South Africa.
(Seeds.)

257344 to 257349. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From the Netherlands. Presented by the Stichting voor Plantenveredeling,
Wageningen. Received May 1, 1959.

257344. ATT 54-106-1. (Tubers.)

257345 to 257349. (Seeds.)

257345. ATT 53-124 × 'Katahdin'.

257346. ATT 54-19-6 × 'Katahdin'.

257347. ATT 54-31-26 × 'Katahdin'.

257348. ATT 55-169 × 'Katahdin'.

257349. ATT 225 × 'Katahdin'.

257350 to 257403.

From Colombia. Seeds collected and presented by R. W. Allard and Carl
Tucker, University of California, Davis, California. Received May 1, 1959.
Collected Feb. 12, 1959.

257350 to 257401. PHASEOLUS LUNATUS L. Fabaceae.

Lima bean

257350 to 257358. Barranquilla market, Atlantico Dept.

257350. Col. No. 47.

257355. Col. No. 58.

257351. Col. No. 48.

257356. Col. No. 59.

257352. Col. No. 49.

257357. Col. No. 60.

257353. Col. No. 56.

257358. Col. No. 61.

257354. Col. No. 57.

255359. Col. No. 62. Ciengag de Oro market, Bolivar Dept.

257360 and 257361. Cartagena market, Bolivar Dept.

257360. Col. No. 63.

257361. Col. No. 64.

257362 to 257364. Sincelejo market, Bolivar Dept.

257362. Col. No. 65.

257363. Col. No. 66.

257364. Col. No. 67.

257365. Col. No. 68. Small farm near Pueblo Nuevo.

257366 to 257370. Atlantico Dept.

257366. Col. No. 70.

257369. Col. No. 73.

257367. Col. No. 71.

257370. Col. No. 74.

257368. Col. No. 72.

257371. Col. No. 75. Galapa, Atlantico Dept.

257350 to 257403—Continued**257350 to 257401—Continued**

- 257372 and 257373.** Atlantico Dept.
257372. Col. No. 76.
257373. Col. No. 77.
257374. Col. No. 78. 'Frijol caraota'. Turbo.
257375 to 257377. Antioquia Dept.
257375. Col. No. 79.
257376. Col. No. 80. 'Habascundas'.
257377. Col. No. 81.
257378 and 257379. Magdalena Dept.
257378. Col. No. 82.
257379. Col. No. 83.
257380. Col. No. 84. Bolivar Dept.
257381. Col. No. 85. Tolima.
257382. Col. No. 86. Tulio Ospina Station.
257383. Col. No. 87. Jangandi, Belgian Congo. From Tulio Ospina Station collection.
257384 to 257389. Collected in the Cartagena market, Bolivar Dept.
257384. Col. No. 88. Monteria.
257385. Col. No. 89.
257386 to 257389. Grown at Santa Rosa.
257386. Col. No. 91.
257387. Col. No. 92.
257388. Col. No. 93.
257389. Col. No. 94.
257390 to 257392. Honda market.
257390. Col. No. 95. 'Frijol Balin'.
257391. Col. No. 96. 'Frijol Balin'.
257392. Col. No. 97. 'Frijol Balin'.
257393 to 257401. Collected at La Gloria Farm, Honda, Tolima Dept.
257393. Col. No. 98.
257394. Col. No. 99.
257395. Col. No. 100.
257396. Col. No. 101.
257397. Col. No. 102.
257398. Col. No. 103.
257399. Col. No. 104.
257400. Col. No. 105.
257401. Col. No. 106.
257402. PHASEOLUS VULGARIS L. Fabaceae. **Common bean.**
 Col. No. 69. Medellin market, Antioquia Dept.
257403. RHYNCHOSIA sp. Fabaceae.
 Col. No. 90. Roadside near Carmen, Antioquia Dept.

257404 to 257406. THEOBROMA CACAO L. Sterculiaceae. Cacao.

From the British West Indies. Seeds presented by the Cocoa Board, Department of Agriculture, St. Clair, Port of Spain, Trinidad. Received May 4, 1959.

257404. ICS 39 × TSA 644.

257405. SCA-12 × ICS-1.

257406. SCA-12 × ICS-6.

257407 to 257426.

From Argentina, Costa Rica, Panama, and Peru. Seeds collected and presented by R. W. Allard and Carl Tucker, University of California, Davis, California. Received May 4, 1959.

257407 to 257424. PHASEOLUS LUNATUS L. Fabaceae. Lima bean.

257407. Col. No. 50. Santa Ana-Santiago de Puriscal roadside, Costa Rica.

257408. Col. No. 51. 'Mariguita'. Piedades de Santa Ana, Costa Rica. Perennial vine.

257409. Col. No. 52. 'Mariguita'. Piedades de Santa Ana, Costa Rica.

257410. Col. No. 53. Escazu, Costa Rica. Perennial vine.

257411 to 257423. Argentina.

257411. Col. No. 228. (No field note.)

257412. Col. No. 229. Corónel Moldes.

257413. Col. No. 230. Tucuman.

257414. Col. No. 231. Santa Lucia.

257415. Col. No. 232. Santiago de Estero.

257416. Col. No. 233. La Cocha.

257417. Col. No. 234. La Cocha.

257418. Col. No. 235.

257419. Col. No. 236.

257420. Col. No. 237.

257421. Col. No. 238.

257422. Col. No. 239.

257423. Col. No. 240.

257424. Col. No. 227. 'Frijol moco negro'. Tarma, near Hauncayo, Peru.

257425. RHYNCHOSIA sp. Fabaceae.

Col. No. 54. Roadside, Cerro Azul, Panama. Perennial vine.

257426. RHYNCHOSIA sp.

Col. No. 55. Roadside, Cerro Azul, Panama. Perennial vine.

257427. CARICA PAPAYA L. Caricaceae. Papaya.

From Ceylon. Seeds presented by the Department of Agriculture, Peradeniya. Received May 4, 1959.

C.P. 124. High yield of papain.

257428 to 257439. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From Germany. Seeds presented by the Max-Planck-Institut für Zuchtungs-forschung, Köln-Vogelsang. Received May 4, 1959.

257428. Soja C.-St. 1/58; 192 × 614; SR. 21/c.9/57 R.

257429. Soja C.-St. 4/58; 188 × 3012.

257428 to 257439—Continued

- 257430.** Soja C.-St. 7/58; 614 × 1936; SR. 8/43 V.
257431. Soja C.-St. 12/58; 614 × 1936.
257432. Soja C.-St. 14/58; 192 × 614.
257433. Soja C.-St. 15/58; 3293 × 2067; SR. 24/58 R.
257434. Soja B 45/58 R; (188 × 3012) × (441 × 1698); E. 1958.
257435. Soja B 49/58 R; (614 × 192) × Kabott; E. 1958.
257436. Soja C 8/58 R; (192 × 614); E. 1958.
257437. Soja C 24/58 R; (441 × 1698); E. 1958.
257438. Soja C 25/58 R; (441 × 866) S; E. 1958.
257439. Soja C 29/58 R; (188 × 3012) × (411 × 1698); E. 1958.

257440 to 257463.

From the Union of South Africa. Seeds presented by the Agricultural Experiment Station, Davis, California. Received May 4, 1959.

- 257440.** GLYCINE MAX (L.) Merr. Fabaceae. **Soybean.**
 5256.
257441. PHASEOLUS (hybrid). Fabaceae. **Bean.**
 (*P. coccineus* × 'Black Wonder') × 'Mericon Robust'; 'Bornbust'.
257442 to 257462. RICINUS COMMUNIS L. Euphorbiaceae. **Castorbean.**
257442. 'Adamdam'.
257443. ES.
257444. Hybrid 22.
257445. H 33 ('Adamdam').
257446. H 33 ('Caster') F.
257447. H 55 (KL6).
257448. KL6.
257449. M4 × 'Dawn F'.
257450. M4 58.
257451. M4 × B296 F.
257452. M4 × US 12-12 F.
257453. M4 × US 51 F.
257454. M4 × US 101 F.
257455. M4 × US 3/415/9 F.
257456. M4 × US 4/322-11-6 F.
257457. M4 × US 319-18 F.
257458. M4 × US 384-8-6 F.
257459. M4 × US 384-810-6 F. (Bulked.)
257460. M4 × US 574-25 F. (Bulked.)
257461. MC (H55).
257462. Nebr. 145-4 × M4. (Reverted plants n. mon.) Bulked F.
257463. VIGNA SINENSIS (Torner) Savi Fabaceae. **Common cowpea.**

257464 to 257469. ACTINIDIA CHINENSIS Planch. Dilleniaceae.**Yang tao.**

From New Zealand. Cuttings presented by the Department of Agriculture, Auckland. Received May 5, 1959.

- | | |
|---------------------------|------------------------------|
| 257464. 'Abbott'. | 257467. 'Greensill'. |
| 257465. 'Allison'. | 257468. 'Hayward'. |
| 257466. 'Bruno'. | 257469. 'Pollinator'. |

257470. CHAILLETIA CYMOSA Hook. Dichapetalaceae.

From the Union of South Africa. Cuttings presented by the Division of Crops and Pastures, Pretoria. Received May 5, 1959.

257471. SESAMUM INDICUM L. Pedaliaceae. Sesame.

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received May 6, 1959.

Grown at the Agricultural Research Station, Niphad Nasik.

257472. CYNARA SCOLYMUS L. Asteraceae. Globe artichoke.

From Spain. Seeds presented by the Horticulture Station, Valencia. Received May 6, 1959.

'Violeta'.

257473 to 257483.

From Great Britain. Plants presented by the Royal Botanic Gardens, Kew, Richmond, Surrey, England. Received May 6, 1959.

- 257473.** RHODODENDRON JASMINIFLORUM Hook. Ericaceae.
- 257474.** RHODODENDRON (hybrid).
'Clorinda'. (Javanese hybrid. Unknown parentage.)
- 257475.** RHODODENDRON LONGIFLORUM Lindl.
- 257476.** RHODODENDRON × BALSAMAEFLORUM Veitch
'Ne-Plus-Ultra'.
- 257477.** RHODODENDRON × BALSAMAEFLORUM Veitch
'Pink Delight'. (Javanese hybrid. Parentage unknown.)
- 257478.** RHODODENDRON × BALSAMAEFLORUM Veitch
'Princess Alexandra'. (*R. jasminiflorum* × *R. 'Princess Royal'*.)
- 257479.** RHODODENDRON × BALSAMAEFLORUM Veitch
'Red Prince'. (Javanese hybrid. Parentage unknown.)
- 257480.** RHODODENDRON RETUSUM Benn.
- 257481.** RHODODENDRON × TAYLORI Veitch
(*R. brookeanum* × 'Princess Alexandra')
- 257482.** RHODODENDRON × BALSAMAEFLORUM Veitch
'Ne Plus Ultra'.

257483. TAPEINOCHEILOS ANANASSAE K. Schum. Zingiberaceae.**257484. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.**

From the United States. Seeds presented by the H. J. Heinz Company, Bowling Green, Ohio. Received May 6, 1959.

'Rutgers' × 'Hanna 57'; 'Heinz 302'. Large, vigorous, determinate. Drought resistant plant. Determinate feature shows up very late. Yield heavy, tends to concentrate.

257485 to 257491.

From Peoples Republic of China. Seeds presented by the Harbin College of Agriculture, Manchuria. Received May 7, 1959.

257485. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

Leaves large; fruits short, fleshy, sweet.

257486 and 257487. *CUCUMIS SATIVUS* L. Cucurbitaceae. **Cucumber.**

257486. 'Yi-sang'. Drought resistant variety; fruits to 15 cm. long. For pickling and canning.

257487. 'Water-cucumber'. Late variety. Staking and irrigation required; fruits elongated.

257488 and 257489. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

257488. Staking and removing of the auxillary branches are necessary; fruits globular, orange-colored.

257489. Early variety; fruit small, peach-shaped.

257490. *RAPHANUS SATIVUS* L. Brassicaceae. **Radish.**

Root large, scarlet. Winter type.

257491. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**

Early variety. Fruits elongated, violet-black.

257492. *PISUM SATIVUM* L. Fabaceae. **Pea.**

From Sweden. Seeds presented by the Weibull Plant Breeding Institute, Landskrona. Received May 8, 1959.

L5/55.

257493 and 257494.

From Iran. Seeds presented by the United States Operations Mission, Teheran. Received May 8, 1959.

257493. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

'Carbozay'-'Evankey'; 'Abbas Shori'. From Donishar. Considered best variety in Iran.

257494. *CUCUMIS SATIVUS* L. **Cucumber.**

From Shimron.

257495. *TRIFOLIUM REPENS* L. Fabaceae. **Whiteclover.**

From Australia. Seeds presented by Commonwealth Scientific and Industrial Research Organization, Canberra. Received May 8, 1959.

V101; 'Victorian Irrigation White'.

257496 and 257497.

From Great Britain. Seeds presented by the Tropical Products Institute, London, England. Received May 8, 1959.

257496. *HIBISCUS CANNABINUS* L. Malvaceae. **Kenaf.**

'Plateau'. From Nigeria.

257497. *URENA LOBATA* L. Malvaceae.

'Mokwa'. From Nigeria.

257498. *PINUS PALUSTRIS* Mill. Pinaceae. **Longleaf pine.**

From Denmark. Seeds presented by the Frost A/S, Borkop. Received May 11, 1959.

257499 and 257500.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received May 11, 1959.

257499. *MEDICAGO PLATYCARPA* (L.) Trautv. Fabaceae.

Formerly from Leningrad, U.S.S.R. Found wild in timber clearing in Central Siberia. A strong growing perennial of trailing habit; flowers yellow; pod flat and black when ripe. Will endure extreme cold weather.

257500. *MUSA BANKSII* F. Muell. Musaceae.

Coachable Creek. Queensland. An endemic species of moderate height, stoloniferous, with the habit of *M. paradisiaca*. Leaves to six feet long; petioles to two feet long; flowers to 20 per bract, on short pedicels; perianth (male) conspicuously striate; ovary $\frac{3}{4}$ in., rudimentary, with style as long as the stamen, slightly clavate at the end; fruit in hands of 12 to 20, each one on a stipe, cylindrical, straight or slightly incurved, to five inches long. Seeds about 4 mm. diameter, irregularly angular from pressure; testa coriaceous marked with a broad concave hilum; albumen very white mealy, almost granular.

257501 to 257505.

From the Union of Soviet Socialist Republics. Seeds presented by the Farm Research Branch, Agricultural Research Service, Washington, D.C. Received May 11, 1959.

257501. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

'Ardei Gras d Colibasi'.

257502. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

'Turkestan'.

257503. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

'Aurora'.

257504 and 257505. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**

257504. 'Baragan 77'. Winter type.

257505. C.185. Winter type.

257506 to 257517. *ZEA MAYS* L. Poaceae. **Corn.**

From France. Seeds presented by the National Institute for Agricultural Research, Clermont-Ferrand. Received May 11, 1959.

	<i>Line</i>	<i>Earliness of silking</i>	<i>Source</i>
	(P.I. 257513 is the standard.)		
257506.	F2	-8	Lacaune.
257507.	F7	-9	Lacaune.
257508.	F10	-5	Etiole de Normandie.
257509.	F22	-5	Bresse.
257510.	F47	-3	Tarbes.
257511.	F49	-3	Chalosse sample X American hybrid.
257512.	F52	-3	Pays Basque.
257513.	F115	0	Ia 153 (U.S.A.).
257514.	FV181	-1	Netherlands.
257515.	F431	+4	Chalosse sample X American hybrid.
257516.	F39	+5	Pays Basque.
257517.	FC46	+5	Bresse.

257518 to 257531.

From France. Seeds presented by the National Museum of Natural History, Paris. Received May 11, 1959.

257518. *CORONILLA CAPPADOCICA* Willd. Fabaceae.
 257519. *CORONILLA CORONATA* L.
 257520. *CORONILLA EMERUS* L. **Scorpion-senna.**
 257521. *CORONILLA GLAUCA* Jusl. **Honey coronilla.**
 257522. *CORONILLA JUNCIA* L.
 257523. *CORONILLA MINIMA* L.
 257524. *CORONILLA SCORPIOIDES* (L.) Koch.
 257525. *CORONILLA VARIA* L. **Crownvetch.**
 257526. *LOTUS ANGSTISSIMUS* L. Fabaceae.
 257527. *LOTUS CORNICULATUS* L. **Birdsfoot trefoil.**
 257528. *LOTUS ORNITHOPODIODES* L.
 257529. *LOTUS TENUIFOLIUS* Presl.
 257530. *LOTUS WEILLERI* Maire.
 257531. *PENNISETUM LONGISTYLUM* Hochst. Poaceae.

257532. CUCURBITA MOSCHATA Duchesne Cucurbitaceae.**Cushaw.**

From the Canary Islands. Seeds presented by C. V. Porter, Blaine, Washington. Received May 11, 1959.

Collected at Las Palmas.

257533. TEPHROSIA VOGELII Hook. f. Fabaceae.

From Puerto Rico. Seeds presented by the Federal Plant Experiment Station, Mayaguez. Received May 12, 1959.

No. 10247. Station 3: Var. 2.

257534 to 257538. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From Brazil. Tubers presented by the Instituto Agronomico, Campinas, Sao Paulo. Received May 12, 1959.

257534. IAC-2. **257537. IAC-3195.**
 257535. IAC-705. **257538. IAC-3551.**
 257536. IAC-2339.

257539 to 257543.

From China. Plants presented by the Joint Commission on Rural Reconstruction, Taipei, Taiwan. Received May 12, 1959.

257539. *DIGITARIA DECUMBENS* Stent. Poaceae.
 A-24. Introduced from the Philippines in 1957.
 257540. *DIGITARIA PENTZII* Stent.
 A-32. Introduced from the Philippines in 1957.
 257541. *CENHRUS CILIARIS* L. Poaceae. **Buffelgrass.**
 A-37. Introduced from the University of the Philippines, Los Banos in 1957. Leaves light grayish green, somewhat scabrous.
 257542 and 257543. *PENNISETUM CLANDESTINUM* Hochst. Poaceae. **Kikuyugrass.**
 257542. A-56. Drought resistant.
 257543. A-57. Drought resistant.

257544. TRITICUM ORIENTALE Percival Poaceae.

From Iran. Seeds presented by an unknown donor. Received May 12, 1959.
No. 263a-2.

257545 and 257546 ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Italy. Seeds presented by the Istituto Agronomico per l'Oltremare, Florence. Received May 13, 1959.

257545. 'Kandeish.' Plant erect, producing small size fruits, each containing 1-2 seeds; seed-shell ratio is about 4:1; oil content of seed is 45-50 percent. In Somalia, in irrigated fields, the growth cycle is about 110-125 days. Grown for oil.

257546. 'Spanish 3-4.' Plant erect; fruits of medium size, elongate, each containing 3-4 seeds; seed-shell ratio is about 3:1; oil content of seeds is 43-45 percent. Growth cycle, under irrigation, is 95-105 days. Grown for edible seeds.

257547 to 257569. PHASEOLUS LUNATUS L. Fabaceae. Lima bean.

From Mexico. Seeds presented by the Rockefeller Foundation, Mexico, D.F. Received May 14, 1959.

257547. 'Nayarit 2' (9150).

257548. 'Chiapas 137-A' (9151).

257549. 'Chiapas 138-A' (9152).

257550. 'Chiapas 142-A' (9153).

257551. 'Chiapas 147-A' (9154).

257552. 'Chiapas 150-A' (9155).

257553. 'Chiapas 186-A' (9156).

257554. 'Chiapas 195-A' (9157).

257555. 'Chiapas 196-A' (9158).

257556. 'Chiapas 196-B' (9159).

257557. 'Chiapas 198-A' (9160).

257558. 'Chiapas 199-A' (9161).

257559. 'Chiapas 199-B' (9162).

257560. 'Chiapas 200-A' (9163).

257561. 'Chiapas 200-B' (9164).

257562. 'Chiapas 206-A' (9165).

257563. 'Chiapas 212-A' (9166).

257564. 'Chiapas 216-A' (9167).

257565. 'Chiapas 216-B' (9168).

257566. 'Chiapas 220-A' (9169).

257567. 'Chiapas 233-A' (9170).

257568. 'Chiapas 233-C' (9171).

257569. 'Chiapas 247-A' (9172).

257570. NOTHOFAGUS GUNNII (Hook. f.) Oerst. Fabaceae.**Falsebeech.**

From Tasmania. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Tasmanian Regional Laboratory, Hobart. Received May 12, 1959.

257571 and 257572.

From Brazil. Seeds collected by Llewelyn Williams, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received May 14, 1959.

257571. ASPARAGUS PLUMOSUS Baker Convallariaceae. **Fern asparagus.**

Col. No. 18193. Botanical Garden, Rio de Janeiro. Climber; fronds fine.

257572. ASPARAGUS VIRGATUS Baker

Col. No. 18201. Botanical Garden, Rio de Janeiro. Plant erect, open; stem to 2.5 feet high.

257573. AGAVE LOPHANTHA Schiede Amaryllidaceae. **Crested agave.**

From the United States. Plants presented by D. S. Correll, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received May 15, 1959, from Texas.

257574 to 257580. VIGNA SINENSIS (Torner) Savi Fabaceae.**Common cowpea.**

From Nigeria. Seeds presented by the Ministry of Agriculture, Moor Plantation, Ibadan. Received May 19, 1959.

257574. 'Kuzaima'.

257575. 'Paraguay 1'.

257576. 'Paraguay 5'.

257577. 'Paraguay 6'.

257578. C5711-1-2-3.

257579. C5711-1-2-6.

257580. C5711-1-2-7.

257581 to 257639.

From Ethiopia. Seeds presented by the Imperial College of Agriculture, Addis Ababa. Received May 20, 1959.

257581. AMMI COPTICUM L. Apiaceae.

'White Abusuda'.

257582. CARTHAMUS TINCTORIUS L. Asteraceae.

Safflower.

257583 to 257586. CICER ARIETINUM L. Fabaceae.

Chickpea.

257583. Seeds white.

257584. Seeds black.

257585. Seeds light yellow.

257586. Seeds reddish-brown.

257587. ELEUSINE CORACANA (L.) Gaertn. Poaceae.

Ragi.

'Dagussa'.

257588. GUIZOTIA ABYSSINICA (L.f.) Cass. Asteraceae.

'Nug Black'.

257589. LATHYRUS SATIVUS L. Fabaceae.

Grass peavine.

'Guave'.

257590. LINUM USITATISSIMUM L. Linaceae.

Common flax.

257591. NIGELLA ARVENSIS L. Ranunculaceae.

'Black Abusuda'.

257581 to 257639—Continued

- 257592 to 257594.** *PISUM SATIVUM* L. Fabaceae. **Pea.**
257592. Field peas mixture.
257593. Field peas. Seed coat mottled.
257594. White peas.
- 257595 to 257603.** *SORGHUM BICOLOR* (L.) Moench Poaceae.
257595. 'No. 1 Gambela'. **257600.** 'No. 6 Gambela'.
257596. 'No. 2 Gambela'. **257601.** 'No. 7 Gambela'.
257597. 'No. 3 Gambela'. **257602.** 'No. 8 Gambela'.
257598. 'No. 4 Gambela'. **256603.** 'No. 9 Gambela'.
257599. 'No. 5 Gambela'.
- 257604.** *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. **Fenugreek.**
257605 to 257639. *ZEA MAYS* L. Poaceae. **Corn.**
- 257605.** 'No. 1 Gambela'. **257623.** 'No. 19 Gambela'.
257606. 'No. 2 Gambela'. **257624.** 'No. 20 Gambela'.
257607. 'No. 3 Gambela'. **257625.** 'No. 21 Gambela'.
257608. 'No. 4 Gambela'. **257626.** 'No. 22 Gambela'.
257609. 'No. 5 Gambela'. **257627.** 'No. 23 Gambela'.
257610. 'No. 6 Gambela'. **257628.** 'No. 24 Gambela'.
257611. 'No. 7 Gambela'. **257629.** 'No. 25 Gambela'.
257612. 'No. 8 Gambela'. **257630.** 'No. 26 Gambela'.
257613. 'No. 9 Gambela'. **257631.** 'No. 27 Gambela'.
257614. 'No. 10 Gambela'. **257632.** 'No. 28 Gambela'.
257615. 'No. 11 Gambela'. **257633.** 'No. 29 Gambela'.
257616. 'No. 12 Gambela'. **257634.** 'No. 30 Gambela'.
257617. 'No. 13 Gambela'. **257635.** 'No. 31 Gambela'.
257618. 'No. 14 Gambela'. **257636.** 'No. 32 Gambela'.
257619. 'No. 15 Gambela'. **257637.** 'No. 33 Gambela'.
257620. 'No. 16 Gambela'. **257638.** 'No. 34 Gambela'.
257621. 'No. 17 Gambela'. **257639.** 'No. 35 Gambela'.
257622. 'No. 18 Gambela'.

257640 to 257658.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received May 20, 1959.

- 257640 to 257643.** *HELIANTHUS ANNUUS* L. Asteraceae. **Common sunflower**
- 257640.** 'Cernyanka No. IIa'. Grown at the Voronezh Experiment Station. Resistant to race "A" *Orobanche*.
257641. 'Stepnyak'. Grown at the Don Experiment Station. Resistant to the complex race of *Orobanche*.
257642. 'Vniimk No. 1646'. Grown at Vneemzlek. Resistant to the complex race of *Orobanche*.
257643. 'Vniimk No. 3519'. Grown at Kuban Experiment Station. Resistant to race "A" *Orobanche*.

257640 to 257658—Continued

257644 to 257651. *LINUM USITATISSIMUM* L. Linaceae. **Common flax.**

257644. 'Barnaud No. 18'. Grown at Ustemov Experiment Station.

257645. 'Bucharian No. 32'.

257646. 'Gissarsky No. 474'.

257647. 'Kagalnitz No. 3351'. Grown at Ustemov Experiment Station.

257648. 'Krasnokut No. 420'. Grown at Ustemov Experiment Station.

257649. 'Shatilov No. 39'. Grown at Ustemov Experiment Station.

257650. 'VIR No. 1647'.

257651. 'VIR No. 1650'.

257652 to 257654. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**

257652. 'Sanguineous No. 401'.

257653. 'Sanguineous Syntheticus'. Grown at Vneemk.

257654. 'Vniimk No. 1651. Grown at Vneemk.

257655 to 257658. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**

257655. Des No. 23. Grown at the Don Experiment Station.

257656. 'Kubanetz No. 55'. Grown at Vneemk.

257657. 'Tashkentski No. 122'. Grown at the Central Asian Experiment Station.

257658. 'Vniimk'. Grown at Vneemk.

257659 and 257660. *CHAENOMELES LAGENARIA* (Loisel.) Koidz. Malaceae. **Japanese quince.**

From the United States. Plants presented by the Arnold Arboretum, Jamaica Plain, Massachusetts. Numbered May 20, 1959.

257659. 'Grandiflora'.

257660. 'Nivalsi'.

257661. *SYRINGA VULGARIS* L. Oleaceae. **Common lilac.**

From Yugoslavia. Seeds presented by the agricultural attache, United States Embassy, Belgrade. Numbered May 25, 1959.

257662 to 257811.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received May 26, 1959.

257662 and 257663. *AESCHYNOMENE INDICA* L. Fabaceae.

257662. No. Q226. Queensland.

257663. No. W661. Tropical Western Australia.

257664. *AGROPYRON OBTUSIUSCULUM* Lange Poaceae.

N. 9353. Ottawa, Canada.

257665. *ALOPECURUS ARUNDINACEUS* Poir. Poaceae.

No. 14022. Northern Italy.

257666. *ALYSICARPUS RUGOSUS* (Willd.) DC. Fabaceae.

No. C865. Northern Australia.

257667. *ALYSICARPUS VAGINALIS* (L.) DC.

Alyceclover.

No. C945. Northern Australia.

257668. *ANCISTRACHNE UNCINULATA* (R. Br) S. T. Blake Poaceae.

N. Q281. Queensland.

257662 to 257811—Continued

- 257669 to 257671.** *ARUNDINELLA NEPALENSIS* Trin. Poaceae.
257669. No. Q275. Queensland.
257670. No. C904. Northern Australia.
257671. No. C949. Northern Australia. Plant erect, to five feet high, fairly leafy, good seed habit. Requires tropical climate and good soil.
- 257672.** *ASTREBLA SQUARROSA* C. E. Hubb. Poaceae.
 No. W667. Tropical Western Australia.
- 257673 and 257674.** *ATYLSIA MARMORATA* Benth. Fabaceae.
257673. No. W775. Tropical Western Australia.
257674. No. C894. Northern Australia.
- 257675.** *BOSSIAEA FOLIOSA* A. Cunn. Fabaceae.
 No. 528. Australia Capital Territory.
- 257676.** *BOTHRIOCHLOA DECIPIENS* (Hqck.) C. E. Hubb. Poaceae.
 No. Q199. Queensland.
- 257677.** *BRACHIARIA BRIZANTHA* (Hochst.) Stapf Poaceae. **Palisade signalgrass.**
 No. 15890. Tanganyika.
- 257678.** *BRACHIARIA HUMIDICOLA* (Rendle) Schweick.
 No. 20742. Kenya.
- 257679.** *BRACHIARIA NIGROPEDATA* (Munro) Stapf.
 No. 20723. Kenya.
- 257680.** *BRACHYPODIUM PHOENICOIDES* (L.) Roem. & Schult. Poaceae.
 No. 1719. France.
- 257681.** *BRIZA* sp. Poaceae.
 No. 12644. Malta.
- 257682 and 257683.** *CALANDRINIA BALONENSIS* Lindl. Portulacaceae. **Parakeelya.**
257682. No. C699. Central Australia.
257683. No. C705. Central Australia.
- 257684 to 257686.** *CALANDRINIA REMOTA* J. M. Black
 From Central Australia.
257684. No. C706.
257685. No. C780.
257686. No. C807.
- 257687.** *CALYPTOCHLOA GRACILLIMA* C. E. Hubb. Poaceae.
 No. Q274. Queensland.
- 257688.** *CASSIA EREMOPHILA* A. Cunn. Caesalpinaceae.
 No. W536. Extra-tropical Western Australia.
- 257689.** *CENCHRUS ECHINATUS* L. Poaceae. **Sandbur.**
 No. Q308. Queensland.
- 257690 and 257691.** *CHIONACHNE CYATHOPODA* F. Muell. Poaceae.
257690. No. Q260. Queensland.
257691. No. C921. Northern Australia.
- 257692.** *CHLORIS VENTRICOSA* R. Br. Poaceae.
 No. C839 (a). Northern Australia.

257662 to 257811—Continued

- 257693.** *ROTTBOELLIA ROTTBOELLIOIDES* (R. Br.) Druce Poaceae.
No. C944. Northern Australia.
- 257694.** *CROTALARIA ASTRAGALINA* Hochst. Fabaceae.
No. 21010. West Africa.
- 257695.** *CROTALARIA CUNNINGHAMII* R. Br.
No. W622. Tropical Western Australia.
- 257696.** *CROTALARIA TRIFOLIASTRUM* Willd.
No. W786. Tropical Western Australia.
- 257697.** *CROTALARIA VERRUCOSA* L.
No. W679. Tropical Western Australia.
- 257698 and 257699.** *CYMBOPOGON BOMBYCINUS* (R. Br.) Domin Poaceae.
257698. No. Q203. Queensland.
257699. No. C860. Northern Australia.
- 257700 to 257704.** *CYMBOPOGON EXALTATUS* (R. Br.) A. Camus
257700. No. Q206. Queensland.
257701. No. C567. Central Australia.
257702. No. W639. Extra-tropical Western Australia.
257703. No. C659. Central Australia.
257704. No. W800. Extra-tropical Western Australia.
- 257705.** *CYMBOPOGON OBTECTUS* S. T. Blake
No. Q283. Queensland.
- 257706.** *CYMBOPOGON PROCERUS* (R. Br.) A. Camus
No. W628. Tropical Western Australia.
- 257707.** *CYMBOPOGON REFRACTUS* (R. Br.) A. Camus
No. Q286. Queensland.
- 257708.** *DESMODIUM ANGUSTIFOLIUM* (H.B.K.) DC. Fabaceae.
No. 17912. Central America.
- 257709.** *DESMODIUM BIARTICULATUM* F. Muell.
No. C913. Northern Australia.
- 257710.** *DESMODIUM DISCOLOR* Vogel
No. 18102. Brazil.
- 257711.** *DESMODIUM GANGETICUM* (L.) DC.
No. 13170. Jamaica.
- 257712.** *DESMODIUM POLYCARPUM* DC.
No. C976. Northern Australia.
- 257713.** *DICHANTHIUM ARISTATUM* (Poir.) C. E. Hubb. Poaceae.
No. 14366. Pretoria, South Africa.
- 257714.** *DICHANTHIUM FECUNDUM* S. T. Blake
No. Q225. Queensland.
- 257715.** *DIGITARIA ARGYROGRAPTA* (Nees) Stapf Poaceae.
No. 16774. Worcester, South Africa.
- 257716.** *DIGITARIA VALIDA* Stent
No. 7923. Pretoria, South Africa.

257662 to 257811—Continued

- 257717.** *ECHINOPOGON NUTANS* C. E. Hubb. Poaceae.
No. Q293. Queensland.
- 257718 and 257719.** *ECTROSIA LEPORINA* R. Br. Poaceae.
257718. No. C908. Northern Australia.
257719. No. W787. Tropical Western Australia.
- 257720.** *ECTROSIA SCHULTZII* Benth.
No. W646. Tropical Western Australia.
- 257721.** *ENNEAPOGON GLABER* N. T. Burbidge Poaceae.
No. W657. Tropical Western Australia.
- 257722.** *ENNEAPOGON GRACILIS* (R. Br.) Beauv.
No. Q279. Queensland.
- 257723.** *ENTEROPOGON MACROSTACHYUS* Benth. Poaceae.
No. 20724. Kenya.
- 257724.** *ERAGROSTIS MEGALOSPERMA* F. Muell. Poaceae.
No. Q288. Queensland.
- 257725.** *ERIACHNE ARMITTII* F. Muell. Poaceae.
No. C878. Northern Australia.
- 257726.** *ERIACHNE BURKITTII* P. Jansen
No. C910. Northern Australia.
- 257727 and 257728.** *ERIACHNE CILIATA* R. Br.
257727. No. C857. Northern Australia.
257728. No. W427. Tropical Western Australia.
- 257729.** *ERIACHNE GLAUCA* R. Br.
No. C906. Northern Australia.
- 257730.** *ERIACHNE HELMSII* Domin
No. C745. Central Australia.
- 257731.** *ERIACHNE LAIDLAWI* P. Jansen
No. W663. Tropical Western Australia.
- 257732.** *ERIACHNE OBTUSA* R. Br.
No. C923. Northern Australia.
- 257733.** *ERIACHNE PALLESCENS* R. Br.
No. Q264. Queensland.
- 257734.** *ERIACHNE SCHULTZIANA* F. Muell.
No. C934. Northern Australia.
- 257735.** *ERIOCHLOA CREBRA* S. T. Blake Poaceae. **Cupgrass.**
No. Q230. Queensland.
- 257736.** *ERYTHRINA VESPERTILIO* Benth. Fabaceae.
No. C717. Central Australia.
- 257737 and 257738.** *ERYTHROPHLOEM CHLOROSTACHYS* Baill. **Caesalpiniaecae.**
257737. No. W 670. Tropical Western Australia.
257738. No. C891. Northern Australia.
- 257739.** *FESTUCA ELATIOR* L. Poaceae. **Meadow fescue.**
No. 19822. Czechoslovakia.

257662 to 257811—Continued

- 257740 and 257741.** *FESTUCA OVINA* L.
257740. No. 19705. Hungary.
257741. No. 19706. Hungary.
- 257742.** *FESTUCA ARUNDINACEA* Schreb.
 No. 19617. Uppsala, Sweden. Native to mountains of Central Europe.
- 257743.** *HAYNALDIA HORDEACEA* (Coss. & Dur.) Hack. Poaceae.
 No. 18960. Mediterranean area.
- 257744.** *HAYNALDIA VILLOSA* (L.) Schur.
 No. 18964. Mediterranean area.
- 257745.** *HIEROCHLOE REDOLENS* (Vahl) Roem. & Schult. Poaceae.
 No. C1026. Australian Capital Territory.
- 257746.** *ICHNANTHUS MAJUSCULUS* (F. Muell.) Hughes Poaceae.
 No. W621. Tropical Western Australia.
- 257747.** *ICHNANTHUS MUELLERI* Hughes
 No. C888. Northern Australia.
- 257748.** *ICHNANTHUS PAUCIFLORUS* (R. Br.) Hughes
 No. C967. Northern Australia.
- 257749.** *INDIGOFERA ARRECTA* Hochst. Fabaceae.
 No. 17822. Kenya.
- 257750.** *INDIGOFERA BRACHYODON* Domin
 No. Q242. Queensland.
- 257751.** *INDIGOFERA COLUTEA* (Burm. f.) Merr.
 No. Q243. Queensland.
- 257752.** *INDIGOFERA NEGLECTA* (Harv.) N. E. Br.
 No. 18421. Central Africa.
- 257753.** *INDIGOFERA SAXICOLA* F. Muell.
 No. C957. Northern Australia.
- 257754.** *ISCHAEMUM ARUNDINACEUM* F. Muell. Poaceae.
 No. W637. Tropical Western Australia.
- 257755.** *ISCHAEMUM AUSTRALE* var. *VILLOSUM* (R. Br.) Hack.
 No. Q263. Queensland.
- 257756.** *ISCHAEMUM RUGOSUM* Salisb.
 No. C905. Northern Australia.
- 257757 to 257759.** *ISEILEMA FRAGILE* S. T. Blake Poaceae.
257757. No. Q233. Queensland.
257758. No. W769. Tropical Western Australia.
257759. No. C873. Northern Australia.
- 257760.** *ISEILEMA MACRATHERA* Domin
 No. Q229. Queensland.
- 257761 and 257762.** *ISEILEMA VAGINIFLORA* Domin
257761. No. C448. Northern Australia.
257762. No. W768. Tropical Western Australia.

257662 to 257811—Continued

- 257763.** *LISTIA HETEROPHYLLA* E. Mey. Fabaceae.
No. 18424. Central Africa.
- 257764.** *LOTUS CRETICUS* L. Fabaceae.
No. 16956. Israel.
- 257765.** *NEPTUNIA DIMORPHANTHA* Domin Mimosaceae.
No. Q227. Queensland.
- 257766.** *NEPTUNIA GRACILIS* Benth.
No. W653. Tropical Western Australia.
- 257767.** *NEPTUNIA MONOSPERMA* F. Muell.
No. W652. Tropical Western Australia.
- 257768.** *NEURACHNE CLEMENTII* Domin Poaceae.
No. W802. Tropical Western Australia.
- 257769.** *ONOBRYCHIS PEDUNCULARIS* (Cav.) DC. Fabaceae.
No. 19418. Mediterranean area.
- 257770.** *ONOBRYCHIS SAXATILIS* (L.) Lam.
No. 19699. Morocco.
- 257771.** *ONOBRYCHIS TRANSCAUCASICA* Grossh.
No. 20662. Armenia, U.S.S.R.
- 257772.** *OPHIURUS EXALTATUS* (L.) O. Kuntze Poaceae.
No. C922. Northern Australia.
- 257773.** *PANICUM CAPILLIPES* Benth. Poaceae.
No. C970. Northern Australia.
- 257774.** *PANICUM DELICATUM* Hughes
No. C968. Northern Australia.
- 257775.** *PANICUM QUEENSLANDICUM* Domin
No. Q284. Queensland.
- 257776.** *PANICUM SEMINUDUM* Domin
No. C883. Northern Australia.
- 257777.** *PANICUM TRACHYRACHIS* Benth.
No. C903. Northern Australia.
- 257778.** *PANICUM WHITEI* J. M. Black
No. Q228. Queensland.
- 257779.** *PASPALIDIUM CAESPITOSUM* C. E. Hubb. Poaceae.
No. Q280. Queensland.
- 257780.** *PASPALIDIUM GLOBOIDEUM* (Domin) Hughes
No. Q276. Queensland.
- 257781.** *PASPALIDIUM GRACILE* (R. Br.) Hughes
No. W798. Tropical Western Australia.
- 257782.** *PENNISSETUM BASEDOWII* Summerh. & C. E. Hubb. Poaceae.
No. Q223. Queensland.
- 257783.** *PENNISSETUM PEDICELLATUM* Trin.
No. 17122. Nigeria.

257662 to 257811—Continued

257784. *PENNISETUM PURPUREUM* Schum. Napierrgrass.
No. 16151. Sierra Leone.
257785. *PENNISETUM SETOSUM* (Swartz) L. Rich.
No. 16152. Sierra Leone.
257786. *PLECTRACHNE BYNOEI* C. E. Hubb. Poaceae.
No. W630. Tropical Western Australia.
257787. *PLECTRACHNE PUNGENS* (R. Br.) C. E. Hubb.
No. W640. Tropical Western Australia.
257788. *PLECTRACHNE RIGIDISSIMA* (Pilger) C. E. Hubb.
No. W583. Tropical Western Australia.
257789. *PSEUDOPOGONATHERUM IRRITANS* (R. Br.) A. Camus Poaceae.
No. C953. Northern Australia.
- 257790 to 257795. *PSORALEA CINERA* Lindl. Fabaceae.
257790. No. Q212. Queensland.
257791. No. Q237. Queensland.
257792. No. Q244. Queensland.
257793. No. Q258. Queensland.
257794. No. C581. Central Australia.
257795. No. C803. Central Australia.
257796. *PSORALEA* sp.
No. Q208. Queensland.
257797. *SACCIOLEPIS INDICA* (L.) Chase Poaceae.
No. C952. Northern Australia.
257798. *SACCIOLEPIS MYOSUROIDES* (R. Br.) Chase
No. C917. Northern Australia.
257799. *SCHIZACHYRIUM OBLIQUIBERBIS* (Hack.) A. Camus Poaceae.
No. C909. Northern Australia.
257800. *SCHIZACHYRIUM PACHYARTHON* C. A. Gardn.
No. C961. Northern Australia.
257801. *SECALE MONTANUM* Guss. Poaceae. Mountain rye.
No. 19360. Mediterranean area.
257802. *SEHIMA NERVOSUM* (Rottb.) Stapf Poaceae.
No. C846. Northern Australia.
257803. *SPOROBOLUS AUSTRALASICUS* Domin Poaceae.
No. W658. Tropical Western Australia.
- 257804 and 257805. *THAUMASTOCHLOA PUBESCENS* (Domin) C. E. Hubb.
Poaceae.
257804. No. C962. Northern Australia.
257805. No. W773. Tropical Western Australia. Closely related to
the sugarcane group and *Rottboellia* spp.
257806. *TRICHOLAENA REPENS* (Willd.) Hitchc. Poaceae. Natalgrass.
No. 17762. Kenya.
257807. *TRIFOLIUM HYBRIDUM* var. *PRATENSE* Rabenh. Fabaceae.
No. 14045. Northern Italy.

257662 to 257811—Continued**257808.** *TRIFOLIUM REPENS* L.**Whiteclover.**

No. 19768. Genova, Italy.

257809. *TRIFOLIUM SQUARROSUM* L.

No. 19487. Rome, Italy.

257810. *VETIVERIA FILIPES* (Benth.) C. E. Hubb. Poaceae.

No. Q269. Queensland.

257811. *ZOYSIA MATRELLA* (L.) Merr. Poaceae.**Manilagrass.**

No. Q266. Queensland.

257812. *THEOBROMA CACAO* L. Sterculiaceae.**Cacao.**

From Ghana. Seeds presented by the West African Cocoa Research Institute, Tafo. Received May 27, 1959.

'Amelonado'.

257813 and 257814. *SOLANUM TUBEROSUM* L. Solanaceae. **Potato.**

From Norway. Tubers presented by A. P. Lunden, Landbrukshogakolen, Vollebekk. Received May 27, 1959.

257813. 'Mandel'.**257814.** 'Ringerike'.**257815 to 257817.** *CITRUS* (hybrids). Rutaceae.

From Argentina. Cuttings and seeds presented by the Estacion Experimental Agropecuaria de Concordia (E. Rios). Received May 28, 1959.

(*Citrus sinensis* × *Poncirus trifoliata*).**257815 and 257816.** Cuttings.**257815.** 'Concordia'. From Argentina.**257816.** 'Marrakesh'. From Morocco.**257817.** 'Concordia'. Seeds from Argentina.**257818 to 257829.**

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Tasmanian Regional Office, Hobart. Received May 29, 1959.

257818. *BELLENDENA MONTANA* R. Br. Proteaceae.

Adamson's Park.

257819. *COPROSMA NITIDA* Hook. f. Rubiaceae.

Mt. Wellington.

257820. *GAULTHERIA HISPIDA* R. Br. Ericaceae.

'Snow Berry'. Adamson's Park.

257821 to 257823. *LEPTOSPERMUM SCOPARIUM* Forst. Myrtaceae. **Manuka****257821.** Adamson's Park.**257822.** Hartz Mountains.**257823.** Mount Wellington.**257824.** *MILLIGANIA DENSIFLORA* Hook. Liliaceae.

Hartz Mountains.

257825. *ORITES REVOLUTA* R. Br. Proteaceae.

Hartz Mountains.

257826. *PRIONOTES CERINTHOIDES* R. Br. Epacridaceae.

Adamson's Park.

257818 to 257829—Continued

257827. *STYPHELIA ACEROSA* (Gaertn.) Laing & Blackwell. Epacridaceae.

257828. *TROCHOCARPA DISTICHA* Spreng. Epacridaceae.

Adamson's Park.

257829. *TROCHOCARPA THYMIFOLIA* (R. Br.) Spreng.

Hartz Mountains.

257830 to 258352. *SOLANUM TUBEROSUM* L. Solanaceae. **Potato.**

From Mexico. Tubers presented by the Oficina de Estudios Especiales, Londres, Mexico, D.F. Received June 2, 1959.

257830 to 257880. 'Bintje' × 135-7.

257830. 57 A.H. No. 1.	257856. 57 A.H. No. 33.
257831. 57 A.H. No. 2.	257857. 57 A.H. No. 34.
257832. 57 A.H. No. 3.	257858. 57 A.H. No. 35.
257833. 57 A.H. No. 4.	257859. 57 A.H. No. 36.
257834. 57 A.H. No. 5.	257860. 57 A.H. No. 37.
257835. 57 A.H. No. 6.	257861. 57 A.H. No. 38.
257836. 57 A.H. No. 7.	257862. 57 A.H. No. 39.
257837. 57 A.H. No. 8.	257863. 57 A.H. No. 41.
257838. 57 A.H. No. 9.	257864. 57 A.H. No. 42.
257839. 57 A.H. No. 10.	257865. 57 A.H. No. 43.
257840. 57 A.H. No. 11.	257866. 57 A.H. No. 44.
257841. 57 A.H. No. 13.	257867. 57 A.H. No. 45.
257842. 57 A.H. No. 16.	257868. 57 A.H. No. 49.
257843. 57 A.H. No. 18.	257869. 57 A.H. No. 52.
257844. 57 A.H. No. 19.	257870. 57 A.H. No. 53.
257845. 57 A.H. No. 20.	257871. 57 A.H. No. 54.
257846. 57 A.H. No. 21.	257872. 57 A.H. No. 56.
257847. 57 A.H. No. 22.	257873. 57 A.H. No. 57.
257848. 57 A.H. No. 23.	257874. 57 A.H. No. 58.
257849. 57 A.H. No. 24.	257875. 57 A.H. No. 60.
257850. 57 A.H. No. 25.	257876. 57 A.H. No. 63.
257851. 57 A.H. No. 27.	257877. 57 A.H. No. 64.
257852. 57 A.H. No. 28.	257878. 57 A.H. No. 65.
257853. 57 A.H. No. 29.	257879. 57 A.H. No. 66.
257854. 57 A.H. No. 30.	257880. 57 A.H. No. 67.
257855. 57 A.H. No. 32.	

257881 to 257883. 'Green Mt'. × 133-3.

257881. 57 A.N. No. 3.	257883. 57 A.N. No. 7.
257882. 57 A.N. No. 6.	
257884. 57 A.O. No. 1.	257889. 57 A.O. No. 8.
257885. 57 A.O. No. 2.	257890. 57 A.O. No. 9.
257886. 57 A.O. No. 3.	257891. 57 A.O. No. 10.
257887. 57 A.O. No. 4.	257892. 57 A.O. No. 11.
257888. 57 A.O. No. 7.	257893. 57 A.O. No. 12.

257830 to 258352—Continued

257894.	57 A.O. No. 13.	257937.	57 A.O. No. 63.
257895.	57 A.O. No. 14.	257938.	57 A.O. No. 64.
257896.	57 A.O. No. 15.	257939.	57 A.O. No. 65.
257897.	57 A.O. No. 16.	257940.	57 A.O. No. 66.
257898.	57 A.O. No. 17.	257941.	57 A.O. No. 67.
257899.	57 A.O. No. 18.	257942.	57 A.O. No. 68.
257900.	57 A.O. No. 19.	257943.	57 A.O. No. 69.
257901.	57 A.O. No. 20.	257944.	57 A.O. No. 70.
257902.	57 A.O. No. 21.	257945.	57 A.O. No. 71.
257903.	57 A.O. No. 22.	257946.	57 A.O. No. 72.
257904.	57 A.O. No. 23.	257947.	57 A.O. No. 73.
257905.	57 A.O. No. 24.	257948.	57 A.O. No. 74.
257906.	57 A.O. No. 26.	257949.	57 A.O. No. 75.
257907.	57 A.O. No. 30.	257950.	57 A.O. No. 76.
257908.	57 A.O. No. 31.	257951.	57 A.O. No. 77.
257909.	57 A.O. No. 32.	257952.	57 A.O. No. 78.
257910.	57 A.O. No. 33.	257953.	57 A.O. No. 79.
257911.	57 A.O. No. 34.	257954.	57 A.O. No. 80.
257912.	57 A.O. No. 35.	257955.	57 A.O. No. 81.
257913.	57 A.O. No. 36.	257956.	57 A.O. No. 82.
257914.	57 A.O. No. 37.	257957.	57 A.O. No. 83.
257915.	57 A.O. No. 39.	257958.	57 A.O. No. 84.
257916.	57 A.O. No. 41.	257959.	57 A.O. No. 85.
257917.	57 A.O. No. 42.	257960.	57 A.O. No. 86.
257918.	57 A.O. No. 43.	257961.	57 A.O. No. 87.
257919.	57 A.O. No. 44.	257962.	57 A.O. No. 88.
257920.	57 A.O. No. 45.	257963.	57 A.O. No. 89.
257921.	57 A.O. No. 46.	257964.	57 A.O. No. 90.
257922.	57 A.O. No. 47.	257965.	57 A.O. No. 91.
257923.	57 A.O. No. 48.	257966.	57 A.O. No. 92.
257924.	57 A.O. No. 49.	257967.	57 A.O. No. 93.
257925.	57 A.O. No. 50.	257968.	57 A.O. No. 95.
257926.	57 A.O. No. 51.	257969.	57 A.O. No. 96.
257927.	57 A.O. No. 52.	257970.	57 A.O. No. 97.
257928.	57 A.O. No. 53.	257971.	57 A.O. No. 99.
257929.	57 A.O. No. 54.	257972.	57 A.O. No. 100.
257930.	57 A.O. No. 55.	257973.	57 A.O. No. 101.
257931.	57 A.O. No. 56.	257974.	57 A.O. No. 102.
257932.	57 A.O. No. 58.	257975.	57 A.Y. No. 1.
257933.	57 A.O. No. 59.	257976.	57 A.Y. No. 2.
257934.	57 A.O. No. 60.	257977.	57 A.Y. No. 3.
257935.	57 A.O. No. 61.	257978.	57 A.N. No. 4.
257936.	57 A.O. No. 62.	257979.	57 A.Y. No. 5.

257830 to 258352—Continued

257980.	57 A.Y. No. 6.	258023.	57 B.G. No. 9.
257981.	57 A.Y. No. 7.	258024.	57 B.G. No. 11.
257982.	57 A.Y. No. 8.	258025.	57 B.G. No. 13.
257983.	57 A.Y. No. 9.	258026.	57 B.G. No. 14.
257984.	57 A.Y. No. 10.	258027.	57 B.G. No. 15.
257985.	57 A.Y. No. 16.	258028.	57 B.G. No. 16.
257986.	57 A.Y. No. 18.	258029.	57 B.G. No. 17.
257987.	57 A.Y. No. 20.	258030.	57 B.G. No. 19.
257988.	57 A.Z. No. 1.	258031.	57 B.H. No. 1.
257989.	57 A.Z. No. 2.	258032.	57 B.H. No. 4.
257990.	57 A.Z. No. 3.	258033.	57 B.H. No. 5.
257991.	57 A.Z. No. 4.	258034.	57 B.H. No. 6.
257992.	57 A.Z. No. 5.	258035.	57 B.H. No. 7.
257993.	57 A.Z. No. 6.	258036.	57 B.H. No. 8.
257994.	57 A.Z. No. 7.	258037.	57 B.H. No. 11.
257995.	57 A.Z. No. 8.	258038.	57 B.H. No. 12.
257996.	57 A.Z. No. 9.	258039.	57 B.H. No. 13.
257997.	57 A.Z. No. 12.	258040.	57 B.H. No. 14.
257998.	57 B.C. No. 2.	258041.	57 B.H. No. 15.
257999.	57 B.C. No. 4.	258042.	57 B.H. No. 17.
258000.	57 B.C. No. 6.	258043.	57 B.H. No. 18.
258001.	57 B.C. No. 7.	258044.	57 B.H. No. 19.
258002.	57 B.D. No. 4.	258045.	57 B.H. No. 20.
258003.	57 B.D. No. 5.	258046.	57 B.H. No. 22.
258004.	57 B.D. No. 12.	258047.	57 B.H. No. 25.
258005.	57 B.D. No. 13.	258048.	57 B.H. No. 27.
258006.	57 B.D. No. 14.	258049.	57 B.H. No. 29.
258007.	57 B.D. No. 15.	258050.	57 B.H. No. 33.
258008.	57 B.D. No. 16.	258051.	57 B.H. No. 35.
258009.	57 B.D. No. 17.	258052.	57 B.H. No. 36.
258010.	57 B.D. No. 18.	258053.	57 B.H. No. 38.
258011.	57 B.D. No. 21.	258054.	57 B.H. No. 39.
258012.	57 B.D. No. 23.	258055.	57 B.H. No. 40.
258013.	57 B.D. No. 24.	258056.	57 B.H. No. 43.
258014.	57 B.D. No. 27.	258057.	57 B.H. No. 44.
258015.	57 B.D. No. 28.	258058.	57 B.H. No. 46.
258016.	57 B.D. No. 30.	258059.	57 B.H. No. 47.
258017.	57 B.D. No. 31.	258060.	57 B.H. No. 48.
258018.	57 B.D. No. 33.	258061.	57 B.H. No. 49.
258019.	57 B.D. No. 36.	258062.	57 B.I. No. 1.
258020.	57 B.D. No. 41.	258063.	57 B.I. No. 4.
258021.	57 B.G. No. 3.	258064.	57 B.I. No. 5.
258022.	57 B.G. No. 6.	258065.	57 B.K. No. 2.

257830 to 258352—Continued

258066.	57 B.K. No. 3.	258109.	57 B.K. No. 60.
258067.	57 B.K. No. 6.	258110.	57 B.K. No. 61.
258068.	57 B.K. No. 7.	258111.	57 B.K. No. 62.
258069.	57 B.K. No. 10.	258112.	57 B.K. No. 64.
258070.	57 B.K. No. 11.	258113.	57 B.K. No. 66.
258071.	57 B.K. No. 12.	258114.	57 B.K. No. 67.
258072.	57 B.K. No. 13.	258115.	57 B.K. No. 69.
258073.	57 B.K. No. 14.	258116.	57 B.K. No. 71.
258074.	57 B.K. No. 15.	258117.	57 B.K. No. 72.
258075.	57 B.K. No. 16.	258118.	57 B.K. No. 73.
258076.	57 B.K. No. 17.	258119.	57 B.K. No. 74.
258077.	57 B.K. No. 18.	258120.	57 B.K. No. 75.
258078.	57 B.K. No. 19.	258121.	57 B.K. No. 76.
258079.	57 B.K. No. 20.	258122.	57 B.K. No. 77.
258080.	57 B.K. No. 22.	258123.	57 B.K. No. 79.
258081.	57 B.K. No. 23.	258124.	57 B.K. No. 80.
258082.	57 B.K. No. 24.	258125.	57 B.K. No. 81.
258083.	57 B.K. No. 25.	258126.	57 B.K. No. 82.
258084.	57 B.K. No. 27.	258127.	57 B.K. No. 83.
258085.	57 B.K. No. 29.	258128.	57 B.K. No. 84.
258086.	57 B.K. No. 30.	258129.	57 B.L. No. 3.
258087.	57 B.K. No. 33.	258130.	57 B.L. No. 4.
258088.	57 B.K. No. 35.	258131.	57 B.L. No. 6.
258089.	57 B.K. No. 36.	258132.	57 B.L. No. 7.
258090.	57 B.K. No. 37.	258133.	57 B.L. No. 9.
258091.	57 B.K. No. 39.	258134.	57 B.L. No. 10.
258092.	57 B.K. No. 40.	258135.	57 B.L. No. 11.
258093.	57 B.K. No. 41.	258136.	57 B.L. No. 13.
258094.	57 B.K. No. 42.	258137.	57 B.L. No. 14.
258095.	57 B.K. No. 43.	258138.	57 B.L. No. 15.
258096.	57 B.K. No. 45.	258139.	57 B.L. No. 17.
258097.	57 B.K. No. 47.	258140.	57 B.L. No. 18.
258098.	57 B.K. No. 48.	258141.	57 B.L. No. 19.
258099.	57 B.K. No. 49.	258142.	57 B.L. No. 20.
258100.	57 B.K. No. 50.	258143.	57 B.L. No. 22.
258101.	57 B.K. No. 51.	258144.	57 B.L. No. 23.
258102.	57 B.K. No. 52.	258145.	57 B.L. No. 24.
258103.	57 B.K. No. 53.	258146.	57 B.L. No. 28.
258104.	57 B.K. No. 54.	258147.	57 B.L. No. 31.
258105.	57 B.K. No. 56.	258148.	57 B.L. No. 32.
258106.	57 B.K. No. 57.	258149.	57 B.L. No. 35.
258107.	57 B.K. No. 58.	258150.	57 B.L. No. 36.
258108.	57 B.K. No. 59.	258151.	57 B.L. No. 37.

257830 to 258352—Continued

258152.	57 B.L. No. 39.	258195.	57 C.K. No. 10.
258153.	57 B.L. No. 40.	258196.	57 C.K. No. 11.
258154.	57 B.L. No. 41.	258197.	57 C.K. No. 12.
258155.	57 B.P. No. 1.	258198.	57 C.K. No. 13.
258156.	57 B.P. No. 2.	258199.	57 C.K. No. 16.
258157.	57 B.P. No. 4	258200.	57 C.K. No. 17.
258158.	57 B.P. No. 8.	258201.	57 C.K. No. 18.
258159.	57 B.P. No. 11.	258202.	57 C.K. No. 19.
258160.	57 C.A. No. 1.	258203.	57 C.K. No. 20.
258161.	57 C.A. No. 2.	258204.	57 C.K. No. 22.
258162.	57 C.A. No. 3.	258205.	57 C.K. No. 23.
258163.	57 C.A. No. 4.	258206.	57 C.K. No. 25.
258164.	57 C.A. No. 5.	258207.	57 C.K. No. 26.
258165.	57 C.A. No. 6.	258208.	57 C.K. No. 27.
258166.	57 C.A. No. 9.	258209.	57 C.K. No. 28.
258167.	57 C.A. No. 11.	258210.	57 C.K. No. 31.
258168.	57 C.A. No. 13.	258211.	57 C.K. No. 32.
258169.	57 C.A. No. 14.	258212.	57 C.K. No. 33.
258170.	57 C.A. No. 15.	258213.	57 C.K. No. 34.
258171.	57 C.A. No. 16.	258214.	57 C.K. No. 35.
258172.	57 C.A. No. 17.	258215.	57 C.K. No. 36.
258173.	57 C.A. No. 18.	258216.	57 C.K. No. 37.
258174.	57 C.A. No. 19.	258217.	57 C.K. No. 38.
258175.	57 C.A. No. 20.	258218.	57 C.K. No. 39.
258176.	57 C.A. No. 21.	258219.	57 C.Q. No. 1.
258177.	57 C.A. No. 22.	258220.	57 C.Q. No. 2.
258178.	57 C.A. No. 23.	258221.	57 C.Q. No. 3.
258179.	57 C.A. No. 24.	258222.	57 C.Q. No. 4.
258180.	57 C.A. No. 25.	258223.	57 C.Q. No. 6.
258181.	57 C.A. No. 26.	258224.	57 C.Q. No. 8.
258182.	57 C.A. No. 27.	258225.	57 C.Q. No. 10.
258183.	57 C.A. No. 28.	258226.	57 C.Q. No. 12.
258184.	57 C.A. No. 29.	258227.	57 C.Q. No. 16.
258185.	57 C.A. No. 31.	258228.	57 C.R. No. 4.
258186.	57 C.A. No. 32.	258229.	57 C.R. No. 7.
258187.	57 C.A. No. 33.	258230.	57 C.R. No. 8.
258188.	57 C.A. No. 35.	258231.	57 C.R. No. 10.
258189.	57 C.A. No. 36.	258232.	57 C.R. No. 11.
258190.	57 C.K. No. 1.	258233.	57 C.R. No. 13.
258191.	57 C.K. No. 3.	258234.	57 C.R. No. 14.
258192.	57 C.K. No. 4.	258235.	57 C.R. No. 15.
258193.	57 C.K. No. 5.	258236.	57 C.R. No. 16.
258194.	57 C.K. No. 6.	258237.	57 C.R. No. 17.

257830 to 258352—Continued

258238.	57 C.R. No. 18.	258281.	57 C.T. No. 29.
258239.	57 C.R. No. 19.	258282.	57 C.T. No. 30.
258240.	57 C.R. No. 21.	258283.	57 C.T. No. 32.
258241.	57 C.R. No. 22.	258284.	57 C.T. No. 33.
258242.	57 C.R. No. 23.	258285.	57 C.T. No. 35.
258243.	57 C.R. No. 25.	258286.	57 C.T. No. 36.
258244.	57 C.R. No. 26.	258287.	57 C.T. No. 38.
258245.	57 C.R. No. 29.	258288.	57 C.T. No. 39.
258246.	57 C.R. No. 30.	258289.	57 C.T. No. 41.
258247.	57 C.R. No. 31.	258290.	57 C.T. No. 42.
258248.	57 C.R. No. 32.	258291.	57 C.T. No. 43.
258249.	57 C.R. No. 33.	258292.	57 C.T. No. 44.
258250.	57 C.R. No. 34.	258293.	57 C.T. No. 45.
258251.	57 C.R. No. 35.	258294.	57 C.X. No. 3.
258252.	57 C.R. No. 38.	258295.	57 C.X. No. 5.
258253.	57 C.R. No. 39.	258296.	57 D.E. No. 1.
258254.	57 C.R. No. 41.	258297.	57 D.O. No. 5.
258255.	57 C.T. No. 2.	258298.	57 D.Z. No. 1.
258256.	57 C.T. No. 3.	258299.	57 D.Z. No. 2.
258257.	57 C.T. No. 4.	258300.	57 D.Z. No. 3.
258258.	57 C.T. No. 5.	258301.	57 D.Z. No. 4.
258259.	57 C.T. No. 6.	258302.	57 D.Z. No. 5.
258260.	57 C.T. No. 7.	258303.	57 D.Z. No. 8.
258261.	57 C.T. No. 8.	258304.	57 D.Z. No. 12.
258262.	57 C.T. No. 9.	258305.	57 D.Z. No. 13.
258263.	57 C.T. No. 10.	258306.	57 D.Z. No. 14.
258264.	57 C.T. No. 11.	258307.	57 D.Z. No. 15.
258265.	57 C.T. No. 12.	258308.	57 D.Z. No. 17.
258266.	57 C.T. No. 13.	258309.	57 D.Z. No. 18.
258267.	57 C.T. No. 14.	258310.	57 D.Z. No. 19.
258268.	57 C.T. No. 15.	258311.	57 D.Z. No. 20.
258269.	57 C.T. No. 16.	258312.	57 D.Z. No. 21.
258270.	57 C.T. No. 17.	258313.	57 D.Z. No. 22.
258271.	57 C.T. No. 18.	258314.	57 D.Z. No. 23.
258272.	57 C.T. No. 19.	258315.	57 D.Z. No. 24.
258273.	57 C.T. No. 20.	258316.	57 D.Z. No. 25.
258274.	57 C.T. No. 21.	258317.	57 D.Z. No. 26.
258275.	57 C.T. No. 22.	258318.	57 D.Z. No. 27.
258276.	57 C.T. No. 23.	258319.	57 D.Z. No. 28.
258277.	57 C.T. No. 24.	258320.	57 D.Z. No. 29.
258278.	57 C.T. No. 25.	258321.	57 D.Z. No. 30.
258279.	57 C.T. No. 26.	258322.	57 D.Z. No. 31.
258280.	57 C.T. No. 27.	258323.	57 D.Z. No. 32.

257830 to 258352—Continued

258324.	57 D.Z. No. 34.	258339.	57 E.D. No. 20.
258325.	57 D.Z. No. 35.	258340.	57 E.D. No. 24.
258326.	57 D.Z. No. 36.	258341.	57 E.D. No. 25.
258327.	57 D.Z. No. 37.	258342.	57 E.D. No. 27.
258328.	57 D.Z. No. 38.	258343.	57 E.D. No. 32.
258329.	57 D.Z. No. 40.	258344.	57 E.D. No. 35.
258330.	57 D.Z. No. 44.	258345.	57 E.D. No. 36.
258331.	57 D.Z. No. 45.	258346.	57 E.D. No. 37.
258332.	57 D.Z. No. 48.	258347.	57 E.D. No. 38.
258333.	57 E.D. No. 8.	258348.	57 E.D. No. 40.
258334.	57 E.D. No. 10.	258349.	57 E.D. No. 41.
258335.	57 E.D. No. 11.	258350.	57 E.D. No. 42.
258336.	57 E.D. No. 13.	258351.	57 E.D. No. 46.
258337.	57 E.D. No. 15.	258352.	57 E.D. No. 47.
258338.	57 E.D. No. 19.		

258353. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

From Turkey. Seeds presented by Major A. Ertem, Smyrna Province. Received June 3, 1959.

'Acur'.

258354. BERBERIS TRIFOLIOLATA Moric. Berberidaceae.

From the United States. Seeds collected by Lynn Lowrey, Houston, Texas. Received June 23, 1958. Numbered June 5, 1959.

Erect, rigid shrub to eight feet high; leaves trifoliate, glaucous-white; flowers yellow, borne in short corymbs; fruit oval or roundish, black with a blue bloom.

258355. FRAXINUS (hybrid). Oleaceae.

From Germany. Cuttings presented by the German Academy of Landscaping, Berlin. Received Mar. 12, 1958. Numbered June 5, 1959.

258356. MYRCIARIA GLOMERATA Berg. Myrtaceae.

From Brazil. Plants presented by the Instituto Agronomico, Campinas, Sao Paulo. Received June 8, 1959.

'Cabeludinha'.

258357 to 258365.

From China. Plant material collected by Robert E. Perdue, New Crops Research Branch, Crops Research Division, Beltsville, Md., on Taiwan. Received June 8, 1959.

258357. DENDROCALAMUS LATIFLORUS Munro Poaceae. Hemp bamboo.**258358 to 258361. CAMELLIA SASANQUA Thunb. Theaceae. Sasanqua camellia.**

Botanical Garden on Yang Ming Shan, near Taipei.

258358. Col. No. 9592. Shrub six feet high. (Cuttings).

258359. Col. No. 9592. Shrub six feet high. (Seeds).

258360. Col. No. 9593. Shrub six feet high. (Cuttings).

258361. Col. No. 9593. Shrub six feet high. (Seeds).

258357 to 258365—Continued

258362 and 258363. *CAMELLIA TENUIFOLIA* (Hayata) Cohen-Stuart
Botanic Garden, National Taiwan University, Taipei.

258362. Col. No. 9591. Shrub to seven feet high. (Cuttings).

258363. Col. No. 9591. Shrub to seven feet high. (Seeds).

258364. *PHYLLOSTACHYS PUBESCENS* Mazel ex H. de Lehaie Poaceae.
Rhizomes from Chitou, University Experimental Forest.

258365. *PHYLLOSTACHYS MAKINOI* Hayata.
Rhizomes from Chitou, University Experimental Forest.

258366 to 258373.

From the Union of Soviet Socialist Republics. Seeds presented by the Institute of Plant Industry, Leningrad. Received June 10, 1959.

258366 and 358367. *CAMELINA SATIVA* (L.) Crantz Brassicaceae.

258366. 'Vniimk 17'. Krasnodar area. Midseason variety to 80 cm. high; growing period 73-93 days, oil content 38-42 percent.

258367. 'Voronezh 349'. Voronezh Province. Early variety to 75 cm high; growing period 65-85 days, oil content 36-44 percent.

258368. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**
'Early hybrid'. Krasnodar area. Plants partly deciduous at maturity; stalks short; capsules indehiscent.

258369 to 258373. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**

258369. 'Three Korobochnky 122; Tashkentsky 122 selfed; capsules indehiscent; seeds contain 59.05 percent oil.

258370. 'Hybrid 30'; 'Three Korobochnky' × 'K561'. Plant early, well branched; three-capsuled; seeds contain 61 percent oil.

258371. 'Hybrid 27'; 'Three Korobochnky' × 'K561'. Plant productive; seeds contain 60 percent oil.

258372. 'Hybrid 198'; 'Konditersky 2058' ('Confectionary') × unknown. Plants tall, branched, productive; capsules large, nearly dehiscent; seeds contain 59.8 percent oil.

258373. 'Hybrid 228'; 'Konditersky 2058' ('Confectionary') × unknown. Plant tall, branched; capsules nearly dehiscent; seeds contain 56.5 percent oil.

258374. *SACCHARUM* (hybrid). Poaceae. **Sugarcane.**

From Brazil. Cuttings presented by the Instituto Agronomico, Campinas, Sao Paulo. Received June 11, 1959.

I.A.C. 55/29 (Co 290×POJ 2878).

258375 to 258382.

From China. Seeds presented by the Joint Commission on Rural Reconstruction, Taipei, Taiwan. Received June 11, 1959.

258375. *ANDROPOGON NODOSUS* (Willem.) Nash Poaceae.

A 29; 'Alabang X'. From the Philippine Islands. The most productive and nutritious grass in the Philippines. Compares favorably with pangolagrass under low elevations and hot climates.

258376. *ANDROPOGON* sp.

A 51. Habit similar to *A. nodosus* but is coarser and less desirable as a forage plant.

258377. *ASTRAGALUS SINICUS* L. Fabaceae.

F 11. Green manure winter annual in China and Japan. Palatable vegetable used for human food in Taiwan. Planted November, harvested February.

258375 to 258382—Continued

258378. *CENTROSEMA PUBESCENS* Benth. Fabaceae.

C 25. Introduced from the Philippine Islands. Comparable to *Desmodium intortum* in productivity in Taiwan

258379. *CLITORIA TERNATEA* L. Fabaceae.

Asian pigeonwings.

C 33. 'Kordofan pea'. Origin unknown.

258380. *DESMODIUM INTORTUM* (Mill.) Urb. Fabaceae.

C 50. Introduced from the Philippine Islands. Plant upright, dense, vigorous and productive; leaves fine; flowers pinkish-purple.

258381. *GLYCINE JAVANICA* L. Fabaceae.

C 47. Introduced from Australia. Plant vigorous, palatable; seed production good.

258382. *STYLOSANTHES GRACILIS* H.B.K. Fabaceae.

C 45. Introduced from Australia. Relished by cattle; becoming woody after the wet season.

258383 to 258387. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From Poland. Seeds presented by the Dankowska Hodowla Roslin Breeding Institution, Warsaw. Received June 10, 1959.

Produced at the Breeding Station, Choryn, Poznan.

258383. Zlotka.

258386. N. 1954.

258384. A.

258387. N. 2054.

258385. N. 754.

258388 to 258391. RICINUS COMMUNIS L. Euphorbiaceae.

Castorbean.

From Algeria. Seeds presented by the Central Station of Experimental Agriculture, Maison-Carree, Alger Department. Received June 10, 1959.

258388. Anjor A 7-2. Open capsule.

258389. Anjor Tardif. Nonshattering capsule.

258390. MG.

258391. Rosso Veronese.

258392 to 258408.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received June 11, 1959.

258392. *BRACHYPODIUM DISTACHYON* (L.) Beauv. Poaceae.

CPI 16248. South Africa.

258393. *BRACHYPODIUM RAMOSUM* (L.) Roem. & Schult.

CPI 18119. Tenerife, Canary Islands.

258394. *BROMUS ARDUENNENSIS* Dum. Poaceae.

CPI 15296. Israel.

258395. *DORYCNIUM RECTUM* (L.) Ser. Fabaceae.

CPI 12433. Portugal.

258396. *LOTUS CARMELI* Boiss. Fabaceae.

CPI 15317. Palestine.

258397. *LOTUS HISPIDUS* Desf.

CPI 19656. Portugal.

258392 to 258408—Continued

- 258398.** *LOTUS ORNITHOPODIOIDES* L.
CPI 13148. Tunisia.
- 258399.** *MEDICAGO SOLEIROLII* Duby Fabaceae.
No. S3. South Australia.
- 258400.** *TRIFOLIUM MICHELIANUM* Savi Fabaceae.
No. S15.
- 258401.** *TRIFOLIUM CERNUUM* Brot.
CPI 13103. Portugal.
- 258402.** *TRIFOLIUM ECHINATUM* Bieb.
CPI 15637. Israel.
- 258403.** *TRIFOLIUM ISTHOCARPUM* Brot.
CPI 14737. Morocco.
- 258404.** *TRIFOLIUM OBSCURUM* Savi
CPI 19829. Czechoslovakia.
- 258405.** *TRIFOLIUM MICHELIANUM* Savi
CPI 13107. Portugal.
- 258406.** *TRIFOLIUM MIEGEANUM* Maire
CPI 13108. Portugal.
- 258407.** *TRIFOLIUM PARVIFLORUM* Ehrh.
CPI 13109. Portugal.
- 258408.** *TRIFOLIUM STELLATUM* L.
CPI 13935. Cyprus.

258409 to 258422. *CARTHAMUS TINCTORIUS* L. Asteraceae.
Safflower.

From Portugal. Seeds presented by the Estacao Agronomica Nacional, Sacavem.
Received June 11, 1959.

- 258409 to 258413.** From Castro Marim, Faro District.
- 258409.** 'Rio Seco'.
- 258410.** 'Rio Seco'.
- 258411.** 'Rio Seco'. Vale de Mestre.
- 258412.** Sapal Chao.
- 258413.** Sobral.
- 258414.** 'Rio Seco'. Pedra Empinada.
- 258415 to 258419.** Loule, Faro District.
- 258415.** Espargal, Alte.
- 258416.** Santa Margarida, Alte. Cultivated.
- 258417.** Penina, Alte.
- 258418.** Nave do Barao, Salir.
- 258419.** Malhao, Salir.
- 258420.** Paderne, Albufeira.
- 258421.** Amendoeira, S. Bartolomeu de Messianes, Silves.
- 258422.** Taviera, Valonga.

258423 and 258424.

From Vietnam. Seeds presented by the United States Operations Mission, Saigon. Received June 11, 1959.

258423. *HIBISCUS PUNGENS* Roxb. Malvaceae.

'Keo Yai Naipa'. Thailand.

258424. *TRIUMFETTA SEMITRILOBA* Jacq. Tiliaceae.

Liberia. Plants growing on dry soils.

258425 to 258427. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

From the Federation of Rhodesia and Nyasaland. Seeds presented by the United States Consulate General, Salisbury. Received June 12, 1959.

258425. 'Arawa'. New Zealand.

258426. 'Gabo'. Australia.

258427. 'Yaktana'. Mexico.

258428 and 258429.

From Uganda. Seeds presented by Kawanda Research Station, Kampala. Received June 12, 1959.

258428. *HIBISCUS SABDARIFFA* L. Malvaceae.

Roselle.

258429. *HIBISCUS SURATTENSIS* L.

258430 to 258443.

From the Union of South Africa. Seeds presented by the Division of Crops and Pastures, Pretoria. Received June 12, 1959.

258430. *DIGITARIA ERIANTHA* Steud. Poaceae.

DL/59/505. Prieska, Cape Province.

258431. *DIGITARIA GAZENSIS* Rendle

DL/59/503. Zululand, Natal.

258432 and 258433. *DIGITARIA MILANJIANA* (Rendle) Stapf

258432. DL/59/506. Kuruman, Cape Province.

258433. 'Eleusine'. DL/59/493. Kalahari, Cape Province.

258434. *DIGITARIA POLEVANSII* Stent

DL/59/504. West Transvaal.

258435 to 258441. *DIGITARIA SMUTSII* Stent

258435. DL/59/494. Magaliesberg, Transvaal.

258436. DL/59/495. Military Camp, Pretoria.

258437. DL/59/496. Irene, Transvaal.

258438. DL/59/497. A583. Rietondale, Transvaal.

258439. DL/59/498. Bethlehem, Orange Free State.

258440. DL/59/499. Northam.

258441. DL/59/500. Bethlehem, Orange Free State.

258442 and 258443. *DIGITARIA VALIDA* Stent

258442. DL/59/501. Middelburg.

258443. DL/59/502. Witbank.

258444. ATALANTIA MONOPHYLLA (Roxb.) DC. Rutaceae.

From India. Seeds presented by R. A. Hamilton, Oceanic Hotel, Madras. Received June 22, 1959.

258445 to 258454.

From Italy. Seeds presented by the Central Institution of Genetics, Monte Terminillo. Received June 12, 1959.

258445. *ANTHYLLIS VULNERARIA* L. Fabaceae. **Kidneyvetch.**
'Stirpe 14'.
258446. *LOTUS CORNICULATUS* L. Fabaceae. **Birdsfoot trefoil.**
'Stirpe 13'.
258447. *MEDICAGO LUPULINA* L. Fabaceae. **Black medic.**
'Stirpe 15'.
258448. *TRIFOLIUM HYBRIDUM* L. Fabaceae. **Alsike clover.**
'Stirpe 7'.
258449. *TRIFOLIUM OCHROLEUCUM* Huds.
PS.
- 258450 to 258452. *TRIFOLIUM PRATENSE* L. **Red clover.**
258450. PS.
258451. 'Stirpe 8'.
258452. 'Stirpe Comunali 1'.
258453. *TRIFOLIUM REPENS* L. **Whiteclover.**
PS.
258454. *TRIFOLIUM RUBRUM* Larranga
PS.

258455 to 258462.

From St. Helena Island. Seeds presented by C. V. Porter. Received June 15, 1959.

258455. *SPOROBOLUS CAPENSIS* (Willd.) Kunth. Poaceae.
258456. *AGROSTIS* sp. Poaceae.
258457. *SPOROBOLUS PYRAMIDILIS* Beauv. Poaceae. **Whorled dropseed.**
258458. *ANTHOXANTHUM ODORATUM* L. Poaceae. **Sweet vernalgrass.**
258459. *BROMUS WILLDENOWII* Kunth Poaceae. **Rescuegrass.**
258460. *CYNODON DACTYLON* (L.) Pers. Poaceae. **Bermudagrass.**
258461. *PASPALUM* sp. Poaceae.
258462. *LANTANA CAMARA* L. Verbenaceae. **Common lantana.**

258463 and 258464.

From Ecuador. Seeds presented by the United States Operations Mission. Quito. Received June 15, 1959.

258463. *CYPHOMANDRA BETACEA* (Cav.) Sendt. Solanaceae. **Tree-tomato.**
258464. *RUBUS* sp.
'Spanish blackberry'. Elevation 8,000 feet. Canes powder-blue bloom; fruit clustered, 15 to 70, large, dark red, of good flavor. Reportedly come true from seed.

258465. *SACCHARUM* (hybrid). Poaceae. **Sugarcane.**

From Hawaii. Cuttings presented by the Hawaiian Sugar Planters Association, Honolulu. Received June 15, 1959.

'D 177'.

- 258466.** *BROMUS SECALINUS* L. Poaceae. **Chess.**
 From the United States. Seeds presented by H.A. Schoth, Corvallis, Oregon.
 Received June 15, 1959.
 No. 91159R. Formerly an important horse feed.
- 258467.** *LOTUS CORNICULATUS* L. Fabaceae. **Birdsfoot trefoil.**
 From the United States. Seeds growing at the United States Regional Plant
 Introduction Station, Ames, Iowa. Formerly from the All-Union Institute
 of Plant Industry, Leningrad. Received June 15, 1959.
 'Morshansk 528'. Plant winter hardy.
- 258468.** *CITRUS HYSTRIX* DC. Rutaceae.
 From Morocco. Seeds presented by the Institut des Fruits et Agrumes Coloniaux,
 Rabat. Received June 16, 1959.
 From the Agricultural Service, Papeete (Tahiti), French Polynesia. Harvested
 June 2, 1959.
- 258469 to 258488.** *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**
 From Chile, Colombia, Ecuador, and Peru. Seeds collected by C. M. Rick,
 University of California, Davis, California. Received June 15, 1959.
- 258469 to 258471.** Chile.
258469 and 258470. Lluta Valley.
248469. LA 466. Segregates for H; typical erect type of region; fruits
 large, rough, 5 to 7 cm. diameter.
258470. LA 467. Segregates for H; typical erect type of region; fruits
 large, rough, 5 to 7 cm. diameter.
258471. LA 468. Iquique market. Fruits small, oblate, 3 to 6 cm. diame-
 ter, prolific.
- 258472.** LA 356. Buenaventura market, Colombia. Fruit flat, lobed, 2 cm
 diameter; locules 2 to 3.
- 258473 to 258476.** Ecuador.
258473 and 258474. Guayaquil market.
258473. LA 408. Typical Guayas type; fruits moderately fasciated,
 medium size; poor set.
258474. LA 410. Typical Guayas type; fruits very large and severely
 fasciated-distorted; skin yellow.
258475. LA 415. Daylar garden. Typical Guayas type; fruits very large,
 severely fasciated-distorted; poor set.
258476. LA 417. Puna Island garden. Variable line; fruits 2 to 5 cm.
 diameter; segregate for fasciation.
- 258477 to 258488.** Peru.
258477 and 258478. Chiclayo market.
258477. LA 393. Highly variable line. Fruits 3 cm. diameter, fasciated,
 deformed.
258478. LA 394. Highly variable line. Fruits 3 cm. diameter, fasciated,
 deformed.
258479 to 258481. Piura market.
258479. LA 402B. Highly variable line. Fruits oblate, 3 to 4 cm. diame-
 ter, susceptible to cracking.
258480. LA 403. Fruits fasciated, 4 to 5 cm. diameter.
258481. LA 405. Generally good horticultural characters. Fruits me-
 dium, oblate, smooth, possibly a U.S. variety.

258469 to 258488—Continued**258477 to 258488—Continued**

258482 to 258484. Tacna market.

258482. LA 457-1. Potato leaf type; fruits 3 to 4 loculed, nearly spherical, often puffy, 3 cm. diameter; prolific.

258483. LA 457-2. Tetraploid; fruits 4 to 5 cm. diameter. Good seed and fruit producer.

258484. LA 457-6. Typical Tacna type. Plant erect; fruits smooth, 4 to 6 cm. diameter, deep oblate.

258485 and 258486. Tacna garden.

258485. LA 472. Fruits very large, fasciated; poor fruit setting ability.

258486. LA 473. Segregates for potato leaf type; fruits small, spherical.

258487 and 258488. Chincha market.

258487. LA 477. Plants uniform; fruits large, oblate; possible U.S. variety.

258488. LA 478. Resemble Piura type. Segregates for H; fruits flat, fasciated, 3 to 4 cm. diameter.

258489 to 258491. ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**

From Israel. Seeds presented by the Institute of Agronomy, Agricultural Research Station, Rehovot. Received June 16, 1959.

258489. 'Dixie'.

258490. 'Virginia Improved 4'.

258491. 'Virginia Red'.

258492. CITRUS CRENATIFOLIA Lushington Rutaceae.

From Ceylon. Seeds presented by H. Kamemoto, Kandy. Received June 18, 1959.

'Lycopersiciformis'. The 'Heen Noran' rootstock used for sweet orange in Ceylon.

258493 to 258495. THEOBROMA CACAO L. Sterculiaceae. **Cacao.**

From the British West Indies. Seeds presented by the Cocoa Board, Department of Agriculture, St. Clair, Port of Spain, Trinidad. Received June 17, 1959.

Grown at Marper Farm, Manzanilla.

258493. IMC 67 × SCA 6.

258494. ICS 1 × SCA 6.

258495. SCA 6 × ICS 1.

258496 to 258528.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received June 18, 1959.

258496. ACACIA ALPINA F. Muell. Mimosaceae.

No. 6329. Perisher's Creek between Munyang and Guthega, New South Wales. Spreading, semiprostrate undershrub.

258497. BOSSIAEA FOLIOSA A. Cunn. Fabaceae.

No. 6332. Happy Jack's Ecological Station. Shrub to two feet high.

258498. BRACHYCOME NIVALIS F. Muell. Asteraceae.

No. 6315. Carruthers Track, Mount Kosciusko, N.S.W.

258496 to 258528—Continued

258499. *BULBINE BULBOSA* (R. Br.) Haw. Liliaceae.
No. 6345. Blackfellow's Gap, N.S.W.
258500. *CELMISIA LONGIFOLIA* Cass. Asteraceae.
No. 6309. Mount Kosciusko, N.S.W. Herb; leaves radial.
258501. *CRASPEDIA UNIFLORA* Forst. f. Asteraceae.
No. 6306. Spencers Creek, Sugar Loaf, A.C.T.
258502. *DIANELLA TASMANICA* Hook f. Liliaceae.
Junction of Wark's Road, A.C.T.
258503. *EPACRIS PALUDOSA* R. Br. Epacridaceae.
No. 6300. Dainer's Gap, N.S.W. Elevation 5,454 feet.
258504. *EUPHRASIA GLACIALIS* Wettst. Scrophulariaceae.
No. 6310. Carruther's Track, Mount Kosciusko, N.S.W.
258505. *EUPHRASIA SPECIOSA* R. Br.
No. 6302. Piper's Gap, N.S.W. Elevation 5,716 feet.
258506. *HELICHRYSUM ADENOPHORUM* var. *WADDALLAE* J. H. Willis Asteraceae.
No. 6339. Cabramurra, N.S.W. Common along roadside in forest areas.
258507. *HELICHRYSUM SECUNDIFLORUM* N. A. Wakefield
No. 6293. Roadside *Eucalyptus pauciflora* forest, Wilson's Valley.
258508. *HELICHRYSUM SEMIPAPPOSUM* DC.
No. 6284. Cooma, N.S.W. Dry outcrop in sclerophyll forest.
258509. *HELICHRYSUM THYRSOIDEUM* (DC.) P. F. Morris & J. H. Willis
No. 6288. Mount Kosciusko, road between Creel and Wilson's Valley.
258510. *HELIPTERUM INCANUM* var. *ALPINUM* F. Muell. Asteraceae.
No. 6319. Mount Kosciusko, N.S.W. Flowers white.
258511. *HOVEA* sp. Fabaceae.
No. 6301. 'Alpina'. Dainer's Gap, N.S.W. Undershrub.
258512. *HOVEA* sp.
No. 6305. 'Montana'. Piper's Gap, N.S.W.
258513. *KUNZEA MUELLERI* Benth. Myrtaceae.
No. 6299. Dainer's Gap, N.S.W. Elevation 5,454 feet.
258514. *LEPTOSPERMUM MYRTIFOLIUM* Sieb. Myrtaceae.
No. 6287. Mount Kosciusko, road between Creel and Wilson's Valley, N.S.W. Shrub to six feet high; flowers white.
258515. *LINUM MARGINALE* A. Cunn. Linaceae.
No. 6326. Mulyang, Snowy River, N.S.W.
258516. *MICROSERIS FORSTERI* Hook f. Asteraceae.
No. 6304. Dainer's Gap, N.S.W.
258517. *MIRBELIA OXYLOBOIDES* F. Muell. Fabaceae.
No. 6285. Snowy Valley lookout between Creel and Wilson's Valley. Shrub to three feet high.
258518. *MONTIA FONTANA* L. Portulacaceae.
No. 6313. Carruthers Track, Mount Kosciusko, N.S.W.

258496 to 258528—Continued

258519. *OLEARIA ERUBESCENS* (DC.) Dippel Asteraceae.

No. 6290. Wilson's Valley, N.S.W. Shrub to 2.5 feet high.

258520. *OLEARIA MEGALOPHYLLA* F. Muell.

No. 6294.

258521. *OXYLOBIUM ELLIPTICUM* (Labill.) R. Br. Fabaceae.

No. 6298. Dainer's Gap, N.S.W. Elevation 5,454 feet.

258522. *PROSTANTHERA CUNEATA* Benth. Menthaceae.

No. 6323. Perisher's Gap, N.S.W.

258523. *RANUNCULUS ANEMONEUS* F. Muell. Ranunculaceae.

No. 6311. Carruther's Track, Mount Kosciusko, N.S.W.

258524. *RANUNCULUS MULLERI* Benth.

No. 6314. Carruthers Track, Mount Kosciusko, N.S.W.

258525 and 258526. *STYLIDIUM SERRULATUM* (Labill.) Rich. Candolleaceae.

258525. No. 6356. Lee's Creek road, slopes of Bullshead Mountain, A.C.T.

258526. No. 6286. Mount Kosciusko, road between Creel and Wilson's Valley.

258527. *VERONICA DERWENTIA* Andr. Scrophulariaceae.

Blundell's Creek Road, A.C.T.

258528. *VERONICA NIVEA* Lindl.

No. 6324. Perisher's Gap, N.S.W.

258529 to 258538. *ZEA MAYS* L. Poaceae.

Corn.

From Israel. Seeds presented by the Agricultural Experiment Station, Neveh-Yaar. Received June 19, 1959.

258529. No. 1.

258534. U11. 11F5.

258530. No. 2a.

258535. U11. 11F9.

258531. No. 11a.

258536. U11. 1103.

258532. U11. HF6.

258537. U11. 1220.

258533. U11. 11F2.

258538. U11. 1220 eII S5.

258539 to 258738.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received June 19, 1959.

258539 to 258541. *AVENA ABYSSINICA* Hochst. Poaceae.

Ethiopia.

258539. No. 5970.

258540. No. 5106.

258541. No. 5114.

258542 to 258545. *AVENA BREVIS* Roth.

258542. No. 5226/5. Portugal.

258543. No. 2167. Western Europe.

258544. No. 5229. Portugal.

258545. No. 5231. Portugal.

258539 to 258738—Continued

- 258546 to 258585. *AVENA BYZANTINA* Koch Red oats.
 258546. No. 5422. Adventive in cultivated fields. Marash Ushak, Turkey.
 258547. No. 2166. Palestine.
 258548. No. 2860. Italy.
 258549. No. 3667. Palestine.
 258550 to 258556. Vilayet Adana, Turkey.
 258550. No. 4633. 258554. No. 4639.
 258551. No. 4635. 258555. No. 4640.
 258552. No. 4636. 258556. No. 4641.
 258553. No. 4638.
 258557 to 258559. Orleanville, Algeria.
 258557. No. 4740.
 258558. No. 4741.
 258559. No. 4748.
 258560. No. 4765. Tunis.
 258561. No. 4767. Tlemcen, Tunis.
 258562. No. 4769. Oudj region, Morocco.
 258563. No. 4774. Kef, Tunis.
 258564. No. 4783. Western Syria.
 258565. No. 4784. Western Syria.
 258566. No. 4795. Rhodes (island), Greece.
 258567. No. 4864. Cyprus.
 258568. No. 4875. Southwestern Cyprus.
 258569. No. 5130. Sardinia, Italy.
 258570. No. 5140. Sardinia.
 258571. No. 5170. North of Almeria, Spain.
 258572. No. 5206. Spain.
 258573. No. 5292. Portugal.
 258574. No. 5300. Portugal.
 258575. No. 5398. Vilayet Mersina, Turkey.
 258576. No. 5417. Bersa, Turkey.
 258577. No. 9953. 'Bizantina 602'. Azerbaidzhan Soviet Socialist Republic.
 258578. No. 9992. 'Bizantina 11'. Uzbek Soviet Socialist Republic.
 258579. No. 10202. Near Ambeluzos, Crete.
 258580. No. 10204. Near Ambeluzos, Crete.
 258581. No. 4083. Cyprus.
 258582. No. 4764. Algeria.
 258583. No. 4770. Algeria.
 258584. No. 4860. Crete.
 258585. No. 4793. Rhodes (island), Greece.

258539 to 258738—Continued

- 258586 to 258589.** AVENA BYZANTINA var. ANOPLA Mordv. **Oats.**
258586. No. 9954. 'Bizantina 956'. Azerbaidzhan Soviet Socialist Republic.
258587. No. 7741. Adventive in cultivated fields. Turkey.
258588. No. 7742. Adventive in cultivated fields. Turkey.
258589. No. 7745. Adventive in cultivated fields. Turkey.
- 258590 to 258598.** AVENA NUDA L. **Naked oats.**
258590. No. 2351. Moscow Oblast.
258591. No. 4075/14. Mongolia.
258592. No. 4075/42. Mongolia.
258593. No. 8478. 'Golozernyi VIP 8478'. Leningrad Oblast.
258594. No. 8739. 'Golozernyi Osipova'. Kuibushevsk Oblast.
258595. No. 9139. 'Pioner'. Kirovsk Oblast.
258596. No. 10410. 'Achinskii'. Krasnoiarsk Krai.
258597. No. 10511. 'Liubimets'. Kirovsk Oblast.
258598. No. 10765. 'Tulunskii Golozernyi'. Irkutsk Oblast.
- 258599 to 258638.** AVENA SATIVA L. **Common oats.**
258599. No. 10962. 'Istinskii'. Moscow Oblast.
258600. No. 8621. 'Rykhlik Oberek'. Poland.
258601. No. 4073. (Mixture). Uliasytai, Mongolia.
258602. No. 4074/5. (Mixture). Uliasytai, Mongolia.
258603. No. 4718. 'Nemerchanskii samyi rannii'. Ukraine, S.S.R.
258604. No. 6526. 'Stepniak 648'. Tambovsk Oblast.
258605. No. 7237. 'Verkhischsk 53'. Kiev Oblast, Ukraine.
258606. No. 7911. 'Tulunskii 86/5'. Irkutsk Oblast.
258607. No. 8237. 'Minskii 92'. Minsk Oblast, Belorussia.
258608. No. 8240. 'Minskii 25'. Minsk Oblast, Belorussia.
258609. No. 8347. 'Krasnoiarskii F-272'. Krasnoiarsk Krai.
258610. No. 8256. 'Udarnik' (1-883). Krasnoiarsk Krai.
258611. No. 8359. 'Verkhniachskii 41'. Kiev Oblast, Ukraine.
258612. No. 8260. 'Khasan'. Kiev Oblast, Ukraine.
258613. No. 8261. 218. Kiev Oblast, Ukraine.
258614. No. 8459. 'Maganskii'. Yakutsk, A.S.S.R.
258615. No. 8573. 'Kharkovskii 596'. Kharkovsk Oblast.
258616. No. 8593. 'Omskii 6922'. Omsk Oblast.
258617. No. 8610. 'E-101-Enisei'. Krasnoiarsk Krai.
258618. No. 8611. 'Baikal' (Tulunsk 28-H-12). Irkutsk Oblast.
258619. No. 8629. 'Zeleniak'. Poland.
258620. No. 8633. 'Teodoziia'. Poland.
258621. No. 9135. 'Onokhoiskii A-547'. Buriat-Mongolia, A.S.S.R.
258622. No. 9949. 'Iugeva Koidv' (Rassvet). Estonia.
258623. No. 10036. 'Seberyiny 990'. Krasnoiarsk Krai.
258624. No. 10096. 'Pokrovskii' (mixed). Yakutsk, A.S.S.R.

258539 to 258738—Continued

258599 to 258638—Continued

258625. No. 10587. 'Belorusskii 1148/2'. Brestsk Oblast, Belorussia.
 258626. No. 10588. 'Belorusskii 981/9'. Brestsk Oblast, Belorussia.
 258627. No. 10728. 'Onokhoiskii 114'. Buryat-Mongolia, A.S.S.R.
 258628. No. 10729. 'Onokhoiskii 214'. Buryat-Mongolia, A.S.S.R.
 258629. No. 10730. 'Sretinskii 1069'. Chitinsk Oblast.
 258630. No. 10792. 'Iskutskii 1708'. Yakutsk, A.S.S.R.
 258631. No. 9275. (Mixture) (var. *flava* × var. *aristata*).
 258632. No. 9143. (var. *flava* × var. *obtusata*). Adventive in cultivated fields. Bashkir, A.S.S.R.
 258633. No. 6753. (var. *kasanensis* × var. *volgensis*). Adventive in cultivated fields. Tatar, A.S.S.R.
 258634. No. 7910. 'Krausei'. Omsk Oblast.
 258635. No. 4829. Adventive in cultivated fields. Armenia.
 258636 and 258637. (Var. *mulica* × var. *aurea*).
 258636. No. 10739. (Mixture). Zakarpatsk Oblast.
 258637. No. 10743. (Mixture). Zakarpatsk Oblast.
 258638. No. 9951. 'Tugeya Roste Kipdlam'. Estonia.
- 258639 to 258654. *AVENA SATIVA* var. *ARISTATA* Schlecht.
 258639. No. 1302. 'Moskovskii 315'. Moscow Oblast.
 258640. No. 3444. 'Zhemchushina'. Kirovsk Oblast.
 258641. No. 4301. Adventive in cultivated fields. Gruzinsk, A.S.S.R.
 258642. No. 4676. Turkey.
 258643. No. 4816. Adventive in cultivated fields. Armenia.
 258644. No. 7763. (Mixture). Western China.
 258645. No. 7912. 'Morash'. Kirovsk Oblast.
 258646. No. 8257. 'Sovetskii'. Kiev Oblast, Ukraine.
 258647. No. 8454. 'Viatsk 06522'. Kirovsk Oblast.
 258648. No. 8609. 'Rekord'. Kirovsk Oblast.
 258649. No. 9273. (Mixture). Ukraine.
 258650. No. 9950. 'Tugeva Agu' (Zaria). Estonia.
 258651. No. 9963. Stipryoles. Lithuania.
 258652. No. 9946. 'Girunes'. Lithuania.
 258653. No. 10245. 'Aristats 7'. Kazakh.
 258654. No. 10512. 'Aristata 16'. Kirovsk Oblast.
- 258655 to 258657. *AVENA SATIVA* var. *BRUNNEA* Koern. & Wern.
 258655. No. 1738. (Mixture). Irkutsk Oblast, Siberia.
 258656. No. 4079/5. (Mixture). Uliasytai, Mongolia.
 258657. No. 4516. (Mixture). Khevsuretiya, Northern Caucasus.
- 258658 to 258660. *AVENA SATIVA* var. *FLAVA* Koern.
 258658. No. 8623. 'Grivach'. Poland.
 258659. No. 9640. 'Kizak'. Grodnensk Oblast, Belorussia.
 258660. No. 10055. 'Odnogriviunyi Mestnyi'. Udmurtsk, A.S.S.R.

258539 to 258738—Continued

- 258661 to 258665. *AVENA SATIVA* var. *GRISEA* Koern. & Wern.
 258661. No. 1742. (Mixture). Irkutsk Oblast, Siberia.
 258662. No. 1746. (Mixture). Irkutsk Oblast, Siberia.
 258663. No. 4065. 'Ozimui Obes'. Crimean Oblast, Ukraine.
 258664. No. 4074/12. (Mixture). Uliasytai, Mongolia.
 258665. No. 10872. 'Kabardinets'. Kabardino-Balkarsk.
258666. *AVENA SATIVA* var. *MONTANA* Alef.
 No. 4808. Adventive in cultivated fields. Armenia.
- 258667 to 258723. *AVENA SATIVA* var. *MUTICA* Schlecht.
 258667. No. 10733. 'Kekhra Sasgirikas'. Estonia.
 258668. No. 1253. 'Samarskii Samui Rannii'. Kuibysheksk Oblast.
 258669. No. 2306. 'Shatilovskii 33'. Orlovsk Oblast.
 258670. No. 2307. 'Shatilovskii 56'. Orlovsk Oblast.
 258671. No. 2392. (Mixture). Irkutsk Oblast, Siberia.
 258672. No. 3443. 'Seberianin'. Kirovsk Oblast.
 258673. No. 4079. (Mixture). Uliasytai, Mongolia.
 258674. No. 4538. Adventive in cultivated fields. Tatar, A.S.S.R.
 258675. No. 4646. Vilayet Ankara, Turkey.
 258676. No. 4649. Vilayet Ankara, Turkey.
 258677. No. 4653. Vilayet Ankara, Turkey.
 258678. No. 4664. Vilayet Konia, Turkey.
 258679. No. 4666. Vilayet Konia, Turkey.
 258680. No. 4672. Adventive in cultivated fields. Vilayet Marash, Turkey
 258681. No. 6809. 'Kerkhniaschskii 41'. Kiev Oblast, Ukraine.
 258682. No. 7006. (Mixture). Dagestan, A.S.S.R.
 258683. No. 7014. (Mixture). Dagestan, A.S.S.R.
 258684. No. 7031. (Mixture). Dagestan, A.S.S.R.
 258685. No. 7759. (Mixture). Western China.
 258686. No. 7951. 'Mutica 145'. Omsk Oblast.
 258687. No. 8077. 'Krymskii 75'. Ukraine, S.S.R.
 258688. No. 8238. 'Minskii 92'. Minsk Oblast, Belorussia, S.S.R.
 258689. No. 8239. 'Minskii 100'. Minsk Oblast, Belorussia, S.S.R.
 258690. No. 8254. 'Vydvizhenets F-194'. Krasnoiarsk Krai.
 258691. No. 8614. 'Chakinskii 1812'. Tambovsk Oblast.
 258692. No. 8622. 'Rykhlik Kozarovskii'. Ex Poland.
 258693. No. 8768. 'Mutica 588'. Leningrad, Oblast.
 258694. No. 8769. 'Krymskii 53'. Crimea Oblast, Ukraine, S.S.R.
 258695. No. 8770. 'Krymskii 90'. Crimea Oblast, Ukraine, S.S.R.
 258696. No. 9128. 'Shatilovskii 30-H-15'. Orlovsk Oblast.
 258697. No. 9134. 'Beta 10-H-4' (Sibiriak). Irkutsk Oblast.
 258698. No. 9136. 'Khoynitskii' (mixed). Belorussia, S.S.R.
 258699. No. 9715. 'Khibiny 1'. Murmansk Oblast.

258539 to 258738—Continued**258667 to 258723—Continued**

258700. No. 9869. 'Khibiny 2'. Murmansk Oblast.
 258701. No. 9929. 'Stendskii Malui Lannii'. Latvia, S.S.R.
 258702. No. 9936. 'Priekulskii Belui'. Latvia, S.S.R.
 258703. No. 9939. 'Bendery 878a'. Moldavia, S.S.R.
 258704. No. 9948. 'Kekhrskii Rannii'. Estonia, S.S.R.
 258705. No. 9966. 'Onokhoiskii C-213'. Buriat-Mongolia.
 258706. No. 10414. (Mixture). Lithuania, S.S.R.
 258707. No. 10413. (Mixture). Lithuania, S.S.R.
 258708. No. 10731. 'Aleksandrovskii 764'. Vladimirsk Oblast.
 258709. No. 10734. 'Tugeva Khiamarik'. Estonia, S.S.R.
 258710. No. 10753. (Mixture). Zakarpatsk Oblast.
 258711. No. 10768. 'Bolshevik'. Kiev Oblast, Ukraine, S.S.R.
 258712. No. 10769. 'Komsomolets'. Kiev Oblast, Ukraine, S.S.R.
 258713. No. 10787. 'Semipalatinskii 254'. Semipalatinsk Oblast, Kazakh,
 S.S.R.
 258714. No. 10788. 'Beltskii 1'. Moldavia, S.S.R.
 258715. No. 10790. 'Lgovskii 1026'. Kursk Oblast.
 258716. No. 10830. 'Stendskii 6977'. Latvia, S.S.R.
 258717. No. 10854. 'Artemovskii 1'. Stalinsk, Oblast.
 258718. No. 10866. 'Kazanskii 660'. Tatar, A.S.S.R.
 258719. No. 10867. 'Chkalovskii 90'. Chkalovsk Oblast.
 258720. No. 10868. 'Vologodskii 1'. Vologodsk Oblast.
 258721. No. 10869. 'Nosovskii 1'. Chernigovaki Oblast.
 258722. No. 10870. 'Nemchinovskii 1'. Moscow Oblast.
 258723. No. 10951. 'Ligo'. Latvia, S.S.R.

258724 to 258726. AVENA SATIVA var. OBTUSATA Alef.

258724. No. 3456. 'Magistral'. Kirovsk Oblast.
 258725. No. 10420. Mixture. Lithuania, S.S.R.
 258726. No. 10772. 'Vsered'. Sakhalinsk, Oblast.

258727 to 258733. AVENA STRIGOSA Schreb.

258727. No. 9285. Ukraine, S.S.R.
 258728 to 258731. Typical.
 258728. No. 2168. Latvia, S.S.R.
 258729. No. 4914. Novgorodsk Oblast.
 258730. No. 5199. Ex Lugo, Spain.
 258731. No. 5201. Ex Lugo, Spain.

258732. No. 2172. Ex France.

258733. No. 5218. Ex Lugo, Spain.

258734. AVENA SATIVA var. SEGITALIS Vav.

No. 2896. Adventive in cultivated fields. Kirovsk Oblast.

258735 to 258738. AVENA SATIVA var. VOLGENSIS Nevski.

Adventive in cultivated fields. Tatar, A.S.S.R.

258735. No. 2130

258737. No. 2138.

258736. No. 2131

258738. No. 6745.

258739 and 258740.

From the Union of South Africa. Seeds presented by the Division of Botany, Pretoria. Received June 24, 1959.

258739. *HIBISCUS CANNABINUS* L. Malvaceae. **Kenaf.**

Collected near Pretoria.

258740. *HIBISCUS* sp.

Seed from the Okavango area. Frost sensitive.

258741 to 258794.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received June 24, 1959.

258741 and 258742. *ALOPECURUS PRATENSIS* L. Poaceae. **Meadow foxtail.**

258741. No. 26724. 'Morshanskii 769'. Tambov Oblast, R.S.F.S.R.

258742. No. 27858. 'Iugeba 6'. Estonia, S.S.R.

258743 to 258747. *BROMUS INERMIS* Leyss. Poaceae. **Smooth brome.**

258743. No. 26779. 'Omskii 1585'. Omsk Oblast, R.S.F.S.R.

258744. No. 25756. 'Morshanskii 760'. Tambov Oblast, R.S.F.S.R.

258745. No. 27852. 'Penzenskii 1'. Penza Oblast, R.S.F.S.R.

258746. No. 28270. 'Bashkirskii'. Mixture. Bashkir A.S.S.R., R.S.F.S.R.

258747. No. 29194. 'Bezenchukskii 9'. Kuybyshev Oblast, R.S.F.S.R.

258748 and 258749. *FESTUCA ELATIOR* L. Poaceae. **Meadow fescue.**

258748. No. 22827. 'Leningradskaia 804'. Leningrad Oblast, R.S.F.S.R.

258749. No. 22858. 'Moskovskaia 62'. Moscow Oblast, R.S.F.S.R.

258750 to 258758. *MEDICAGO FALCATA* L. Fabaceae.

Yellow-flowered alfalfa.

258750. No. 13412. Wild. Kazakh, S.S.R.

258751. No. 22506. 'Kubanskaia Zholtaia'. Krasnodar Krai, R.S.F.S.R.

258752. No. 16390. Wild. Rostov Oblast, R.S.F.S.R.

258753. No. 20044. 'Zaisanskaia'. Wild. Kazakh, S.S.R.

258754. No. 22382. 'Maikopskaia Zholtaia'. Krasnodar Krai, R.S.F.S.R.

258755. No. 23738. 'Krasnokul'skaia 4009'. Saratov Oblast, R.S.F.S.R.

258756. No. 26689. 'Omskaya 1251'. Omsk Oblast, R.S.F.S.R.

258757. No. 26771. 'Sternaia 600'. Voronezh Oblast, R.S.F.S.R.

258758. No. 28900. 'Dukorestushchaia'. Krasnoyarsk Krai, R.S.F.S.R.

258759 to 258762. *MEDICAGO PLATYCARPA* (L.) Trautv.

258759. No. 15623.

258760. No. 24956. Western Siberia.

258761. No. 25087. Western Siberia.

258762. No. 29008. Altai Krai, R.S.F.S.R.

258763 to 258766. *MEDICAGO SATIVA* L.

Alfalfa.

258763. No. 4556. 'Omskaia Gibridnaia 1661'. Omsk Oblast, R.S.F.S.R.

258764. No. 20131. 'Omskaia 8893'. Omsk Oblast, R.S.F.S.R.

258765. No. 24988. 'Omskaia Gibridnaia 9792'. Omsk Oblast, R.S.F.S.R.

258766. No. 29010. 'Pushkinskaia'. Mixture. Azerbaidjan, S.S.R.

258741 to 258794—Continued

- 258767 to 258778.** *ONOBRYCHIS VICHIFOLIA* Scop. Fabaceae. **Sainfoin.**
258767. No. 11445. Mixture.
258768. No. 14377. 'Reskhanii 1251'. Ukraine, S.S.R.
258769. No. 16144. 'Dukorastuschaia'. Armenia, S.S.R.
258770. No. 11436. 'Dukorastushchii'. Stavropol Krai, R.S.F.S.R.
258771. No. 16290. 'Dukorastushchii'. Krasnodar Krai, R.S.F.S.R.
258772. No. 11446. 'Dukorastushchii'. Azerbaidjan, S.S.R.
258773. No. 19571. 'Miatiletka'. Ukraine, S.S.R.
258774. No. 9696. 'Severo-Kavkazckii Dvuukosnii'. Krasnodar Krai, R.S.F.S.R.
258775. No. 11732. Mixture. Armenian, S.S.R.
258776. No. 16537. 'Dukoractushchii'. Krachaeu Oblast.
258777. No. 16560. 'Dukoractushchii'. Kabardin, A.S.S.R., R.S.F.S.R.
258778. No. 29982. 'Dukoractushchii'. Kabardin, A.S.S.R., R.S.F.S.R.
- 258779 to 258784.** *PHLEUM PRATENSE* L. Poaceae. **Timothy.**
258779. No. 22010. 'Moskovskaia 362'. Moscow Oblast, R.S.F.S.R.
258780. No. 22854. 'Moskovskaia 1480'. Moscow Oblast, R.S.F.S.R.
258781. No. 26834. 'Moskovskaia 5'. Moscow Oblast, R.S.F.S.R.
258782. No. 27719. 'Narytskaia'. Tomsk Oblast, R.S.F.S.R.
258783. No. 27887. 'Yaroslavskaa 11'. Yaroslav Oblast, R.S.F.S.R.
258784. No. 28022. 'Krasnoufitskaia 137'. Sverdlovsk Oblast, R.S.F.S.R.
- 258785 and 258786.** *POA PRATENSIS* L. Poaceae. **Kentucky bluegrass.**
258785. No. 27876. 'Morshanskii'. Tambov Oblast, R.S.F.S.R.
258786. No. 22011. 'Moskovskii 2019'. Moscow Oblast, R.S.F.S.R.
- 258787 and 258788.** *TRIFOLIUM AMBIGUUM* Bieb. Fabaceae. **Kura clover.**
258787. No. 32482. Armenia, S.S.R.
258788. No. 30172. Krasnodar Krai, R.S.F.S.R.
- 258789 to 258791.** *TRIFOLIUM PRATENSE* L. Fabaceae **Red clover.**
258789. No. 27616. 'Gdovskii'. Pskov Oblast, R.S.F.S.R.
258790. No. 26170. 'Borovichskii'. Novgorod Oblast, R.S.F.S.R.
258791. No. 26637. 'Narymskii'. Moscow Oblast, R.S.F.S.R.
- 258792 and 258793.** *TRIFOLIUM PRATENSE* L. **Red clover.**
258792. No. 25347. 'Estonskii Kudriash'. Estonia, S.S.R.
258793. No. 35154. 'Kirovskii'. Kirov Oblast, R.S.S.F.R.
- 258794.** *TRIFOLIUM PRATENSE* L. **Red clover.**
 No. 20138. 'Belotzerkovskii 3306'. Ukraine, S.S.R.

258795 to 258806.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received June 25, 1959.

- 258795.** *SORGHUM ARUNDINACEUM* (Willd.) Stapf Poaceae. **Kamerun grass.**
 No. 12020. College of Agriculture, Potchefstroom, South Africa.

258795 to 258806—Continued

- 258796.** *SORGHUM AUSTRALIENSE* Garber & Snyder
C845. Northern Territory.
- 258797.** *SORGHUM BREVICALLOSUM* Garber
C898. Northern Territory.
- 258798.** *SORGHUM DIMIDIATUM* Stapf
No. 17379. Ministry of Agriculture, Wad Medani, Anglo-Egyptian Sudan.
- 258799.** *SORGHUM INTRANS* F. Muell.
C1021. Northern Territory.
- 258800.** *SORGHUM LAXIFLORUM* F. M. Bailey
C876. Northern Territory.
- 258801.** *SORGHUM NITIDUM* (Vahl) Pers.
Q262. Queensland.
- 258802.** *SORGHUM PLUMOSUM* (R. Br.) Beauv.
C894. Northern Territory.
- 258803 and 258804.** *SORGHUM STIPOIDEUM* (Ewart & J. White) Gard. & Hubb.
258803. C453. Northern Territory.
258804. W620. Western Australia.
- 258805.** *SORGHUM DURRA* Forsk.
No. 13605. Agriculture Research Institute, Coimbatore, India.
- 258806.** *SORGHUM* sp.
No. 13299. Institute of Plant Industry, Indore, India.

258807 to 258812.

From Rumania. Seeds presented by the University of Wisconsin, Madison.
Received June 26, 1959.

- 258807.** *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
- 258808 to 258812.** *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato**
- 258808.** 'Aurora'.
- 258809.** 'De Tiganesti'.
- 258810.** 'Linia 71'.
- 258811.** 'Master Carnosa'.
- 258812.** 'Selectiunea Falticeni'.

258813 to 258816.

From Union of Soviet Socialist Republics. Seeds presented by the All-Union
Institute of Plant Industry, Leningrad. Received June 26, 1959.

Seeds collected by the Voronezh Botanical Garden and the Armenian Academy
of Science.

- 258813.** *LACTUCA SALIGNA* L. Cichoriaceae.
- 258814.** *LACTUCA SATIVA* L. **Lettuce.**
- 258815 and 258816.** *LACTUCA SERRIOLA* L.
258815. No. 1.
258816. No. 2.

258817 to 258845. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Breeding, Leningrad. Received June 30, 1959.

258817. No. 27733. 'Azerbaidzhanskaia 262'. Azerbaidjan, S.S.R.
 258818. No. 22502. 'Balskovskaia'. Ukraine, S.S.R.
 258819. No. 26948. 'Balyiskaia'. Stalingrad Oblast, R.S.F.S.R.
 258820. No. 26596. 'Bogarnaia No. 1'. Uzbek, S.S.R.
 258821. No. 26787. 'Brodskaia'. Chkalov Oblast, R.S.F.S.R.
 258822. No. 20897. 'Cemirechenskaia 951'. Alma-Ata Oblast, Kazakh, S.S.R.
 258823. No. 28220. 'Chishminskaia 130'. Bashkir, A.S.S.R., R.S.F.S.R.
 258824. No. 28910. 'Dnepropetrovskaia'. Ukraine, S.S.R.
 258825. No. 29567. 'Dolinskaia No. 2'. Karaganda Oblast, Kazakh, S.S.R.
 258826. No. 20896. 'Ferganskaia'. Fergana Oblast, Uzbek, S.S.R.
 258827. No. 23425. 'Kamalinskaia 530'. Krasnoyarsk Krai, R.S.F.S.R.
 258828. No. 23426. 'Kamalinskaia 930'. Krasnoyarsk Krai, R.S.F.S.R.
 258829. No. 29566. 'Kazanskaia 64/95'. Tatar, ASSR, R.S.F.S.R.
 258830. No. 23449. 'Kinelskaia No. 5'. Kuybyshev Oblast, R.S.F.S.R.
 258831. No. 23448. 'Kinelskaia 2616'. Kuybyshev Oblast, R.S.F.S.R.
 258832. No. 22504. 'Manuchskaia'. Rostov Oblast, R.S.F.S.R.
 258833. No. 20140. 'Markhamatskaia 5117'. Uzbek, S.S.R.
 258834. No. 27546. 'Nakhichevanskaia'. Nakhichevan, A.S.S.R.
 258835. No. 26828. 'Onokhoiskaia'. Buryat-Mongolia, ASSR, R.S.F.S.R.
 258836. No. 26688. 'Priaralskaia'. Aktyubinsk Oblast, Kazakh, S.S.R.
 258837. No. 29202. 'Slavianskaia'. Krasnodar Krai, R.S.F.S.R.
 258838. No. 25782. 'Tibetskaia'. Aktyubinsk Oblast, Kazakh, S.S.R.
 258839. No. 26528. 'Tulkevichskaia'. Krasnodar Krai, R.S.F.S.R.
 258840. No. 26714. 'Ukrainskaia 256'. Ukraine, S.S.R.
 258841. No. 25081. 'Uralskaia Siniaia'. North Kazakhstan Oblast, Kazakh S.S.R.
 258842. No. 24336. 'Zaikevicha'. Ukraine, S.S.R.
 258843. No. 23858. 'Zaikevicha Odesskii'. Ukraine, S.S.R.
 258844. No. 26704. Alma-Ata Oblast, Kazakh, S.S.R.
 258845. No. 30105. Kurgan Oblast, R.S.F.S.R.

258846. CYNODON DACTYLON (L) Pers. Poaceae. Bermudagrass.

From the Union of South Africa. Roots presented by the South African Turf Research Station, Bergvlei, Johannesburg. Received July 2, 1959.

258847 and 258848.

From China. Plants collected by the University of California Advisory Team, National Taiwan University, Taipei, Taiwan. Received July 6, 1959.

258847. CHRYSANTHEMUM (hybrids). Asteraceae.
 'Taiwan 19'; 'King in White'. Standards white.
 258848. CHRYSANTHEMUM (hybrids).
 'Taiwan 24'; 'The Dress Up Dala'. Standards red.

258849 to 258857.

From Bolivia. Tubers and seeds presented by the Ministry of Agriculture, Inter-American Agricultural Service, La Paz. Received July 6, 1959.

258849 to 258851. *SOLANUM CARDENASII* Hawkes Solanaceae.

258849. 'Chaucha Amarilla'. Tubers.

258850. 'Chaucha Negra'. Tubers.

258851. 'Chaucha Redonda'. Tubers.

258852 to 258854. *SOLANUM PHUREJA* Juz. & Buk.

258852. 'Blanca'. Tubers.

258853. 'Negra'. Tubers.

258854. 'Roja'. Tubers.

258855. *SOLANUM CARDENASII* Hawkes

Seeds from Vallegrande.

258856. *SOLANUM VIOLACEIMARMORATUM* Bitter

Seeds from Unduavi.

258857. *SOLANUM* sp.

Seeds from La Paz.

258858. *SOLANUM* sp. Solanaceae.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received July 6, 1959.

Col. No. 17720. Twenty-one miles east of Ensenada, Baja California. Suffrutescent herb; leaves narrow, small, caudex woody from several stems.

258859. *VITEX AGNUS-CASTUS* Linn. Verbenaceae.

Lilac chaste-tree.

From Israel. Seeds presented by the Forest Research Institute, Ilanoth. Received July 7, 1959.

Collected in West Galilee, Naharia, 1956.

258860 to 258936.

From Bolivia. Tubers presented by the Departamento de Botanica, Universidad Mayor de San Simon, Cochabamba. Received July 7, 1959.

258860. *SOLANUM AHANHUIRI* Juz. & Buk. Solanaceae.

No. 55. 'Papa Yare'. Oruro. Elevation 3,700 meters.

258861 to 258899. *SOLANUM ANDIGENUM* Juz. & Buk.

258861. No. 1. 'Abajena'. Lagunillas-Potosi. Elevation 3,600 meters.

258862. No. 2. 'Yana Imilla'. Lagunillas-Potosi. Elevation 3,200 meters.

258863. No. 8. 'Sacampaya'. Tinguipaya-Potosi. Elevation 3,800 meters.

258864. No. 11. 'Sipankachi'. Lagunillas-Potosi. Elevation 3,600 meters.

258865 to 258872. Tinguipaya-Potosi. Elevation 3,700 meters.

258865. No. 15. 'Pali'.

258866. No. 19. 'Alka Koillu'.

258867. No. 21. 'Yana Alka Luki'.

258868. No. 22. 'Soliman'.

258869. No. 25. 'Yana Papa'.

258870. No. 27. 'Pituhuayaka'.

258871. No. 36. 'Alka Papa'.

258860 to 258936—Continued**258861 to 258899—Continued****258865 to 258872—Continued**

258872. No. 37. 'Kellu Lurun'.

258873 to 258878. Oruro. Elevation 3,700 meters.

258873. No. 47. 'Puka Pali'.

258874. No. 48. 'Amajaya'.

258875. No. 53. 'Huaca Nahui'.

258876. No. 54. 'Huaca Zapatu'.

258877. No. 56. 'Siquinechilla'.

258878. No. 59. 'Yana Papa'.

258879 to 258882. Challapata-Oruro. Elevation 3,700 meters.

258879. No. 61. 'Yana Condori'.

258880. No. 73. 'Puka Imilla'.

258881. No. 85. 'Aika Imilla'.

258882. No. 92. 'Huacazapatu'.

258883. No. 95. 'Yurac Sotamari'. Poopo-Oruro. Elevation 3,600 meters.

258884. No. 135. 'Janko Imilla'. Tacacoma-La Paz. Elevation 3,400 meters.

258885. No. 136. 'Chiar Imilla'. Tacacoma-La Paz. Elevation 3,600 meters.

258886. No. 165. 'Runa'. Chachacomani-Quillacollo. Elevation 2,800 meters.

258887. No. 169. 'Puca Mama'. Chachacomani-Quillacollo. Elevation 2,800 meters.

258888. No. 174. 'Yurac Imilla'. Chachacomani-Quillacollo. Elevation 2,800 meters.

258889. No. 270. 'Zapallu Papa'. Chico-Chico-Potosi. Elevation 3,600 meters.

258890. No. 302. 'Membrilla'. Linares-Potosi. Elevation 3,600 meters.

258891. No. 305. 'Puka Imilla'. Linares-Potosi. Elevation 3,600 meters.

258892. No. 307. 'Tunku-Thuru'. Linares-Potosi. Elevation 3,600 meters.

258893. No. 308. 'Puca Chuchulli'. Linares-Potosi. Elevation 3,600 meters.

258894. No. 357. 'Sipu-siqui'. Choro-Ayopaya. Elevation 3,000 meters.

258895 to 258899. Puna-Potosi. Elevation 3,600 meters.

258895. No. 371. 'Puca Palama'.

258896. No. 372. 'Alkanahui'.

258897. No. 373. 'Yana Imilla'.

258898. No. 377. 'Puka Chuchulli'.

258899. No. 381. 'Yana Palama'.

258900. SOLANUM CURTILOBUM Juz. & Buk.

No. 30. 'Yana Luki'. Tinguipaya-Potosi. Elevation 3,700 meters.

258860 to 258936—Continued

258901 to 258905. SOLANUM JUZEPCZUKI Bukas.

258901. No. 29. 'Chko-Luki'. Tinguipaya-Potosi. Elevation 3,700 meters.

258902. No. 71. 'Kaisalla Luki'. Poopo-Oruro. Elevation 3,700 meters.

258903. No. 46. 'Luki-Morado'. Oruro. Elevation 3,700 meters.

258904. No. 43. 'Puka Luki'. Oruro. Elevation 3,700 meters.

258905. No. 4. 'Yurac Luki'. Tinguipaya-Potosi. Elevation 3,700 meters.

258906 to 258914. SOLANUM STENOTOMUM Juz. & Buk.

258906. No. 382. 'Anil Papa'. Puna-Potosi. Elevation 3,600 meters.

258907. No. 99. 'Huaca Nahui'. Challapata-Oruro. Elevation 3,600 meters.

258908. No. 58. 'Jahuanchara'. Oruro. Elevation 3,700 meters.

258909. No. 88. 'Papa Isuli'. Poopo-Oruro. Elevation 3,700 meters.

258910. No. 79. 'Papa Leke'. Poopo-Oruro. Elevation 3,700 meters.

258911. No. 363. 'Pituhayaka'. Choro-Ayopaya. Elevation 3,000 meters.

258912. No. 176. 'Puka Sotamari'. Chachacomani-Quillacollo. Elevation 2,900 meters.

258913. No. 366. 'Yana Koillu'. Choro-Ayopaya. Elevation 3,000 meters.

258914. No. 304. 'Yurac Malkachu'. Linares-Potosi. Elevation 3,700 meters.

258915. SOLANUM sp.

No. 109. 'Alka Imilla'. Challapata-Oruro. Elevation 3,700 meters.

258916. SOLANUM sp.

No. 168. 'Candeleru'. Chachacomani-Quillacollo. Elevation 2,800 meters.

258917. SOLANUM sp.

No. 350. 'Checchi Pacena'. Choro-Ayopaya. Elevation 3,000 meters.

258918. SOLANUM sp.

No. 139. 'Chiarhuañli'. Tacacoma-La Paz. Elevation 3,600 meters.

258919. SOLANUM sp.

No. 134. 'Huila Pallalla' or 'Huilaipichuyu'. Tacacoma-La-Paz. Elevation 3,600 meters.

258920. SOLANUM sp.

No. 206. 'Kutu'. Colomi-Chapare. Elevation 3,400 meters.

258921. SOLANUM sp.

No. 163. 'Lapia'. Chachacomani-Quillacollo. Elevation 2,800 meters.

258922. SOLANUM sp.

No. 166. 'Lunku Imilla'. Chachacomani-Quillacollo. Elevation 2,900 meters.

258923. SOLANUM sp.

No. 250. 'Lunku Imilla'. Colomi-Chapare. Elevation 3,400 meters.

258924. SOLANUM sp.

No. 229. 'Lunku-Taquina'. Altamachi-Ayopaya. Elevation 3,500 meters.

258925. SOLANUM sp.

No. 141. 'Pako Imilla'. Tacacoma-La Paz. Elevation 3,600 meters.

258860 to 258936—Continued**258926.** SOLANUM sp.

No. 173. 'Papa Carlos'. Chachacomani-Quillacollo. Elevation 2,800 meters.

258927. SOLANUM sp.

No. 252. 'Papa Peruana'. Colomi-Chapara. Elevation 3,400 meters.

258928. SOLANUM sp.

No. 133. 'Parko'. Jullumaica-La Paz. Elevation 3,600 meters.

258929. SOLANUM sp.

No. 108. 'Paka Taka'. Poopo-Oruro. Elevation 3,700 meters.

258930. SOLANUM sp.

No. 170. 'Tanta Huagua'. Chachacomani-Quillacollo. Elevation 2,800 meters.

258931. SOLANUM sp.

No. 107. 'Yana Pinu'. Challapata-Oruro. Elevation 3,700 meters.

258932. SOLANUM sp.

No. 111. Oruro market. Elevation 3,700 meters.

258933. SOLANUM sp.

No. 112. Oruro market. Elevation 3,700 meters.

258934. SOLANUM sp.

No. 113. Oruro market. Elevation 3,700 meters.

258935. SOLANUM sp.

No. 115. Oruro market. Elevation 3,700 meters.

258936. SOLANUM sp.

No. 142. Tacacoma-La Paz. Elevation 3,600 meters.

258937 to 258942. ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**

From Nigeria. Seeds presented by the Georgia Experiment Station, Tifton, Georgia. Received July 9, 1959.

258937. 'Castle Cary'. Bunch type; late.**258938.** 'Kano 50'. Bunch type; late.**258939.** 'Maigardo'. Runner type.**258940.** 'Natal Common'. Spanish type.**258941.** 'Samaru 38'. Bunch type; late.**258942.** 'Tudum Wada'. Runner type; very late.**258943.** ARACHIS MARGINATA Gardn. Fabaceae.

From Argentina. Seeds presented by the Division of [Plant Exploration and Introduction, Buenos Aires. Received July 9, 1959.

DEIP 65190. Plants nonvigorous; seeds few.

258944. MALUS SYLVESTRIS Mill. Malaceae. **Common apple.**

From Turkey. Budwood presented by the United States Operations Mission, Ankara. Received July 9, 1959.

Dwarf type. Limestone and volcanic areas, dividing line. Elevation 1,250 meters. Selection from different trees in two Nigde orchards. Plants to one meter high; fruits sweet.

258945 to 258947.

From Japan. Plants collected by R. E. Perdue, Jr., agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received July 10, 1959.

From Nakada Nursery, Angyo. July 6, 1959.

258945. JUNIPERUS CHINENSIS L. Pinaceae.

Col. No. 9606. 'Kaizuka'.

258946. LIRIOPE sp. Liliaceae.

Col. No. 9605. 'Hakuryu'.

258947. LIRIOPE sp.

Col. No. 9604. 'Kokuryo'.

258948. PYRUS COMMUNIS L. Malaceae.

Pear.

From Australia. Budwood presented by D. G. Mock, East Burwood, Victoria. Received July 13, 1959.

258949. CYNODON TRANSVAALENSIS Burt-Davy. Poaceae.

From Ethiopia. Rhizomes presented by Ben R. Jackson, Addis Ababa. Received July 14, 1959.

258950. CITRUS sp. Rutaceae.

From India. Seeds presented by the Allahabad Agricultural Institute, New Delhi. Received July 14, 1959.

'Galgal'. Monoembryonic. The tree and fruits resemble lemon, but there seem to be some notable differences in the tree as well as the fruit.

258951. ORYZA SATIVA L. Poaceae.

Rice.

From Venezuela. Seed presented by the United States Embassy, Caracas. Received July 8, 1959.

'Cebda'. Ex El Salvador.

258952 and 258953.

From Mexico and the United States. Plants collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received July 14, 1959.

258952. AGAVE PARVIFLORA Torr. Amaryllidaceae.

Col. No. 17752. Ruby, Arizona.

258953. AGAVE sp.

Col. No. 17732. Bahia San Carlos, Sonora, Mexico. Plant small, clustered rosettes; leaves faintly white-marked, finely filiferous, with deep rounded keel, reddish marginal above and below, somewhat falcate.

258954. STANGERIA ERIOPUS (Kunze.) Nash. Cycadaceae.

From the Union of South Africa. Seeds presented by the Division of Botany, Pretoria. Received July 14, 1959.

258955. POA FLABELLATA (Lam.) Raspail. Poaceae. **Tussock grass.**

From the Falkland Islands. Seeds presented by C. V. Porter, Blaine, Washington. Received July 15, 1959.

Reported to be a very important Falkland grass. Plant hardy and adapted to poor soil.

258956 and 258957. ALLIUM CEPA L. Liliaceae.

Onion.

From Chile. Seeds presented by the United States Operations Mission, Santiago. Received July 15, 1959.

258956 and 258957—Continued

258956. 'Calderana 1028'. From 'Copiapo'. Bulb flattened, straw-yellow; flavor strong. An early producer, keeping qualities poor.

258957. 'Valenciana'. Bulb globe shape, yellow; flavor medium strong. A selection from the variety 'Valenciana of Spain'; keeping quality poor.

258958 and 258959.

From Kenya. Seeds presented by the University of Hawaii, Honolulu, Oahu, Hawaii. Received July 17, 1959.

258958. *ANDROPOGON DUMMERI* Stapf Poaceae.

Simba Hills, Sabaki River, near Galani.

258959. *SACCHARUM SPONTANEUM* L. Poaceae.

Sugarcane.

Simba Hills, Sabaki River, near Galani.

258960 to 258965. *BRASSICA OLERACEAE* var. *CAPITATA* L. **Brassicaceae.** **Cabbage.**

From Denmark. Seeds purchased from A. Hansen, Kastrup, Amager. Received July 18, 1959.

258960. G9164. 'Amager Shortstemmed'. ('Danish Roundhead', 'Danish Ballhead Shortstemmed'). Head medium size, balloon-shaped; keeps well in storage.

258961. G9165. 'Amager Mediumstemmed'. Heads medium size, heavier than 'Amager Shortstemmed', balloon-shaped; keeps well in storage.

258962. G9166. 'Original Golden Acre'. Heads early, round, firm, medium size; outer leaves in narrow frame allowing close planting. Excellent quality.

258963. G9167. 'Original Golden Acre'. Heads early, round, firm, medium size; outer leaves in narrow frame allowing close planting. Excellent quality. Backcrossed for yellows resistance.

258964. G9168. 'Glory of Enkhuizen'. Plants early to midseason, large; heads globe-shaped, 5-6 pounds, hard; leaves numerous, large; extended slightly above top of head; stems small. Used for sauerkraut.

258965. G9169. 'Original Louisiana'.

258966 to 259123. *VITIS* (hybrids).**Grape.**

From Germany. Cuttings presented by the Landes-Lehr-und Forschungsanstalt für Wein- und Gartenbau, Neustadt, Weinstr.

258966. No. 809. 'Abduliski'.

258967. No. 472. 'Agrido Mavro'.

258968. No. 755. 'Akeny'.

258969. No. 763. 'Ak Chalily'.

258970. No. 764. 'Ak Jusium'.

258971. No. 761. 'Ak Schekerek'.

258972. No. 745. 'Ara Hirna'.

258973. No. 29. 'Aramon Schwarz'.

258974. No. 902. 'Al Yaium'.

258975. No. 72. 'Alicante Provencial'.

258976. No. 291. 'Alim Brusse'.

258977. No. 31. 'Audibert'.

258978. No. 428. 'Auguster Gelb'.

258979. No. 147. 'Auvergnat'.

258980. No. 189. 'Auvergnat Blanc'.

258966 to 259123—Continued

258981. No. 433. 'Bakator'.
258982. No. 415. 'Balafante'.
258983. No. 297. 'Balsamina'.
258984. No. 224. 'Benis Salen'.
258985. No. 225. 'Bican du Cher'.
258986. No. 130. 'Cabernet Carmener'.
258987. No. 132. 'Cabernet Sauvignon'.
258988. No. 746. 'Cairadzouli Rosa'.
258989. No. 34. 'Calitor'.
258990. No. 33. 'Carignan'.
258991. No. 503. 'Carmenet'.
258992. No. 207. 'Chalian de Drome'.
258993. No. 896. 'Chalile Isium'.
258994. No. 180. 'Chalosse Dore'.
258995. No. 792. 'Chan Isium'.
258996. No. 785. 'Chaouch Von Degermenkoy'.
258997. No. 236. 'Chasselas de Nates'.
258998. No. 229. 'Chasselas Mi-cioutat'.
258999. No. 235. 'Chasselas Musque'.
259000. No. 237. 'Chasselas Napoleon'.
259001. No. 268. 'Chasselas Negrepoint'.
259002. No. 239. 'Chasselas Vibert'.
259003. No. 35. 'Cinsaut'.
259004. No. 7. 'Clairette de Limou'.
259005. No. 36. 'Clairette Rosa'.
259006. No. 6. 'Clairette Weib'.
259007. No. 463. 'Corinthe Blanche'.
259008. No. 91. 'Cornichon de Crimee'.
259009. No. 464. 'Cornichon Rouge'.
259010. No. 127. 'Domery'.
259011. No. 748. 'Doppelaugen'.
259012. No. 62. 'Dirbey de Marseille'.
259013. No. 39. 'Espagnon'.
259014. No. 425. 'Feguir'.
259015. No. 405. 'Fester's White Seedling'.
259016. No. 118. 'Firsky Precoce'.
259017. No. 177. 'Folle Noir'.
259018. No. 377. 'Gaisdut'.
259019. No. 404. 'Gaisdut Blau'.
259020. No. 196. 'Gamay Grand'.
259021. No. 191. 'Gamay Rundblatrig'.
259022. No. 198. 'Gamay Toma'.
259023. No. 440. 'Gartentokay'.

258966 to 259123—Continued

259024. No. 769. 'Geok Souli'.
259025. No. 478. 'Golden Ambro'.
259026. No. 481. 'Goulu d'Iser'.
259027. No. 222. 'Gradiska'.
259028. No. 206. 'Gros Coulard Rosa'.
259029. No. 74. 'Gros Pompega'.
259030. No. 121. 'Guian Aromatique'.
259031. No. 350. 'Guveho'.
259032. No. 768. 'Houssein Lunda'.
259033. No. 973. 'Jakdona'.
259034. No. 841. 'Jakdona Rosa'.
259035. No. 762. 'Jakschi Kirak'.
259036. No. 325. 'Jaune de Catalogne'.
259037. No. 454. 'Jaune de Smirma'.
259038. No. 10. 'Joannenc Charnu'.
259039. No. 436. 'Kadarka'.
259040. No. 814. 'Kara Isium Turkmensky'.
259041. No. 897. 'Kara Oglan'.
259042. No. 819. 'Kilossie Gebirgig'.
259043. No. 776. 'Kule Dary'.
259044. No. 107. 'Laguette'.
259045. No. 243. 'Lignan Blanq'.
259046. No. 747. 'Liali Bidona'.
259047. No. 313. 'Lizilyskyi Blau'.
259048. No. 14. 'Malvoisie Rot'.
259049. No. 241. 'Madeleine Angevine'.
259050. No. 452. 'Malvoiside Chypre'.
259051. No. 308. 'Malvoisie Rot'.
259052. No. 246. 'Marechal Bosque'.
259053. No. 38. 'Maroccaïn Noir'.
259054. No. 401. 'Martinstraube'.
259055. No. 756. 'Matrassa'.
259056. No. 366. 'Mauzac Rose'.
259057. No. 486. 'Mellier de Borome'.
259058. No. 210. 'Mondeuse'.
259059. No. 199. 'Mornan'.
259060. No. 104. 'Morsanne Blanc'.
259061. No. 77. 'Mounestan'.
259062. No. 55. 'Mourvedre de Goute'.
259063. No. 93. 'Muscat Calliaba'.
259064. No. 287. 'Muscat Croquant'.
259065. No. 102. 'Muscat de Toscane'.
259066. No. 250. 'Muscat du Puis de Dome'.

258966 to 259123—Continued

259067. No. 248. 'Muscat Precoce (14)'.
259068. No. 21. 'Muscat Primavis'.
259069. No. 251. 'Muscat Saint Daurant'.
259070. No. 261. 'Muscat Simple'.
259071. No. 252. 'Muscat Treweren'.
259072. No. 203. 'Malvoisie de Lasserao'.
259073. No. 379. 'Nassau'.
259074. No. 163. 'Nerre de Maine'.
259075. No. 83. 'Notre Dame'.
259076. No. 340. 'Opporto Nr. 5'.
259077. No. 783. 'Otscha Bala'.
259078. No. 80. 'Pampega'.
259079. No. 253. 'Panse Jaune'.
259080. No. 66. 'Panse Weib Pane'.
259081. No. 341. 'Polomino'.
259082. No. 112. 'Petit Syrah du Rhone'.
259083. No. 491. 'Pie Saint Marne'.
259084. No. 316. 'Portugais'.
259085. No. 317. 'Portugais Blou'.
259086. No. 168. 'Pouton d'Agent'.
259087. No. 226. 'Precose d'Ambre'.
259088. No. 255. 'Precoce de Courtillier'.
259089. No. 492. 'Precoce de Varnawa'.
259090. No. 388. 'Riesling Weib'.
259091. No. 257. 'Rolitas'.
259092. No. 462. 'Rosaky'.
259093. No. 914. 'Sabs Angur'.
259094. No. 806. 'Said Guliami'.
259095. No. 259. 'Saint Alban Anjou'.
259096. No. 898. 'Sary Chaback'.
259097. No. 966. 'Sary Kiriak'.
259098. No. 137. 'Sauvignon'.
259099. No. 123. 'Sauvignon Blanc'.
259100. No. 437. 'Schwarz de Mongrie'.
259101. No. 460. 'Schwarz de Smirna'.
259102. No. 824. 'Sirkon Tiefraun'.
259103. No. 383. 'Steinriesling'.
259104. No. 862. 'Tagobi'.
259105. No. 767. 'Tasch Buaky'.
259106. No. 739. 'Taukwer Kachaetinsky'.
259107. No. 54. 'Terret Schwarz'.
259108. No. 53. 'Terret Bourre'.
259109. No. 983. 'Tken Isium'.

258966 to 259123—Continued

- 259110.** No. 430. 'Tokay Klein'.
259111. No. 441. 'Tokay Schwarz'.
259112. No. 275. 'Tramme Chambrier'.
259113. No. 923. 'Trapanlarin Kara'.
259114. No. 195. 'Tressot-Noir'.
259115. No. 765. 'Tscheliaki Weib'.
259116. No. 797. 'Tschetirbak'.
259117. No. 213. 'Verdot Gris'.
259118. No. 140. 'Verdot Noir'.
259119. No. 314. 'Vernatschia'.
259120. No. 139. 'Verdot Gris'.
259121. No. 466. 'Zant'.
259122. No. 315. 'Zibebe Blau'.
259123. Unlabeled.

259124 to 259127. PRUNUS ARMENIACA L. Amygdalaceae.**Apricot.**

From Tunisia. Seeds presented by the Service Botanique, Ariana, Tunis. Received July 20, 1959.

- 259124.** 'Adedi'.
259125. 'Arengi'.
259126. 'Bedri'.
259127. 'Fakoussi'.

259128. COCHLIOSTEMA JACOBIANUM C. Koch & Linden Commenaceae.

From Costa Rica. Plants collected by E. P. Imle, collaborator, New Crops Research Branch, Plant Industry Station, Beltsville, Md. Numbered July 20, 1959.

Stemless herbaceous perennial to 2 feet high; leaves in a rosette, spreading, sheathed at the base, to 20 inches long, 3 inches wide; peduncles stout, to 1 ft. long; flowers 1.75 inches across; sepals purple; petals violet-blue; peduncle has only occasional hair.

259129. CHUSQUEA CULEOU E. Desv. Poaceae.

From Chile. Plants presented by the United States Operations Mission, Santiago. Received July 20, 1959.

259130. PLATANUS ORIENTALIS L. Platanaceae.**Oriental planetree.**

From Greece. Cuttings presented by the Ministry of Agriculture, Athens. Received July 20, 1959.

259131 to 259133.

From Japan. Plant material collected by R. E. Perdue, Jr., New Crops Research Branch, Crops Research Division, Beltsville, Md. Received July 20, 1959.

259131 to 259133. Kamigamo Experimental Forest, Kyoto University, Kyoto. July 1, 1959.

259131. VITIS AMURENSIS Rupr. Vitaceae.

Amurgrape.

Col. No. 9601.

259131 to 259133—Continued**259131 to 259133—Continued**

259132. *VITIS COIGNETIAE* Pulliat. **Gloryvine grape.**
Col. No. 9600.

259133. *VITIS DAVIDII* (Carr.) Foex. **Brier grape.**
Col. No. 9602.

259134. *GOMPHOCARPUS* sp. **Asclepiadaceae.**

From unknown source. Seeds collected by E. P. Imle, Colombian flower exhibit, Pan-American Building, Washington, D.C. in April 1958. Numbered July 21, 1959.

Col. No. 87. Plant multiple stemmed, slender, sparsely branched, to 8 feet high; leaves opposite, lanceolate, half inch wide, three inches long, pubescent on both surfaces, light green, paler beneath; flowers white, five-merous, in corymb on peduncles arising between the opposite leaves or immediately beneath the leaf; seed pod bladderlike, containing many winged seeds.

259135 and 259136.

From Colombia. Seeds presented by the Granja Agricola Experimental, Palmira, Valle. Received July 21, 1959.

259135. *CARICA CANDAMARCENSIS* Hook. f. **Caricaceae.**
'Papayuelo'.

259136. *CARICA MICROCARPA* Jacq.
'Higuillo'.

259137 to 259139. *ORYZA SATIVA* L. **Poaceae.** **Rice.**

From Surinam. Seeds presented by the United States Consulate, Georgetown, British Guiana. Received July 21, 1959.

259137. 'Dima'.

259138. 'Holland 5023'.

259139. 'Krakti'.

259140. *SEVERINIA* sp. **Rutaceae.** **Box-orange.**

From Brazil. Seeds collected by Llewelyn Williams, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received March 18, 1958. Numbered July 21, 1959.

Col. No. 16067A. Rio de Janeiro. Plants small, spiny, evergreen; bark green, turning to tan-white on older wood, leaves oval to obovate.

259141 to 259160.

From the Netherlands. Plants collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received July 22, 1959.

From G. Veerman, nursery Boskoop, except where otherwise noted.

259141 and 259142. *CYTISUS* (hybrids) **Fabaceae.** **Warminster broom.**

259141. Col. No. 6319. 'Hollandia'. Plant bushy, upright; flowers purplish-red with pink shades.

259142. Col. No. 6320. 'Zeelandia'. Flowers lilac-pink with reddish wings.

259143 to 259145. *HIBISCUS SYRIACUS* L. **Malvaceae.** **Shrub-althea.**
T. Westdijk nursery, Boskoop.

259143. Col. No. 6318. 'Admiral Dewey'. Flowers double, white.

259144. Col. No. 6316. 'Duc de Brabant'. Flowers double, dark red.

259145. Col. No. 6317. 'Monstrosus'. Flowers single, white with maroon center.

259141 to 259160—Continued

- 259146.** *POTENTILLA FRUTICOSA* L. Rosaceae. **Shrubby cinquefoil.**
Col. No. 6309. 'Farreri Grandiflorum'. A large-flowered Farreri.
- 259147.** *POTENTILLA FRUTICOSA* var. *PYRENAICA* Willd. ex Schlecht.
Col. No. 6304. 'Farreri Prostrata'. Plants spreading, low growing; flowers yellow.
- 259148 and 259149.** *POTENTILLA FRUTICOSA* var. *VILMORINIANA* Komar.
259148. Col. No. 6314. 'Jackman'. Erect grower; flowers deep yellow.
259149. Col. No. 6307. 'Klondike'. Flowers deep golden yellow.
- 259150.** *POTENTILLA FRUTICOSA* L. **Shrubby cinquefoil.**
Col. No. 6313. 'Maanelys'.
- 259151.** *POTENTILLA FRUTICOSA* var. *VILMORINIANA* Komar.
Col. No. 6314. 'Mount Everest'. Low growing; flowers white.
- 259152.** *POTENTILLA FRUTICOSA* var. *PARVIFOLIA* (Fisch.) ex Schlecht.
Col. No. 6312. 'Primrose Beauty'. Flowers creamy-yellow.
- 259153.** *POTENTILLA FRUTICOSA* var. *PURDOMII* Rehd
Col. No. 6302. 'Purdomii'. J. Spaargaren nursery, Boskoop. Plants erect; foliage silvery; flowers yellow.
- 259154 and 259155.** *POTENTILLA FRUTICOSA* var. *VILMORINIANA* Komar.
259154. Col. No. 6303. 'Snowflake'. J. Spaargaren, nursery, Boskoop.
Plants erect; stems reddish; flowers white.
259155. Col. No. 6308. 'Waltonensis'. Plants spreading; flowers yellow.
- 259156.** *POTENTILLA FRUTICOSA* var. *VEITCHII* (Wils.) Bean
Col. No. 6315. 'Veitchii'. Flowers white.
- 259157.** *POTENTILLA FRUTICOSA* var. *VILMORINIANA* Komar.
Col. No. 6305. 'Vilmoriniana'. Leaves white tomentose beneath; flowers cream colored.
- 259158.** *POTENTILLA FRUTICOSA* var. *RIGIDA* (Wall. ex Lehm.) Wolf.
Col. No. 6311. Dense low-spreading shrub; flowers large, yellow.
- 259159.** *POTENTILLA FRUTICOSA* L. **Shrubby cinquefoil.**
Col. No. 6310. 'Farreri'. Dwarf shrub; flowers bright yellow.
- 259160.** *POTENTILLA FRUTICOSA* L. **Shrubby cinquefoil.**
Col. No. 6306. 'Grandiflora'. Plants upright; flowers yellow.
- 259161.** *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**
From Germany. Seeds presented by Norddentche Pflanzenzucht, Lubeck.
Received July 22, 1959.
'Lembkes Rotklee'.
- 259162 and 259163.** *HIBISCUS CANNABINUS* L. Malvaceae. **Kenaf.**
From the Sudan. Seeds presented by an unknown donor. Received July 22, 1959.
259162. 'Karkade'. Kadugli, Nuba Mountain, Kordofan Province.
259163. 'Karkade'. Wad Medani, Blue Nile Province.
- 259164 and 259165.** *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae. **Sweetpotato.**
From Guatemala. Roots and vine sections presented by C. L. Lundell, Tikal, Peten. Received July 22, 1959.
259164. No. 16099. Red.
259165. No. 16175. White.

259166 to 259169. SACCHARUM OFFICINARUM L. Poaceae.**Sugarcane.**

From Mexico. Cuttings presented by the Instituto para el Mejoramiento de Azucar, Balderas. Received July 24, 1959.

259166. 'Mexico 53-122'. 259168. PM 20.

259167. 'Mexico 53-176'. 259169. PM 52-48.

259170 to 259172. THEOBROMA CACAO L. Sterculiaceae. Cacao.

From the British West Indies. Seeds presented by the Department of Agriculture, St. Clair, Port-of-Spain, Trinidad. Received July 24, 1959.

259170. ICS 1 × IMC 67.

259171. ICS 1 × SCA 6.

259172. ICS 1 × SCA 12.

259173 to 259176.

From the Union of South Africa. Seeds presented by the National Botanic Gardens, Kirstenbosch, Cape Province. Received July 24, 1959.

259173. HIBISCUS DIVERSIFOLIUS Jacq. Malvaceae. **Rosemallow.**

259174. HIBISCUS LUDWIGII Eckl. & Zeyh.

259175. HIBISCUS PEDUNCULATUS L. f.

259176. HIBISCUS CANNABINUS L. **Kenaf.**

259177 and 259178.

From Peru. Seeds collected by W. C. Gregory, North Carolina State College, Raleigh, North Carolina. Received July 27, 1959.

259177. LUPINUS sp. Fabaceae.

Col. No. 454. Central Highway at Matucana, east of Lima. Elevation 10,000 feet.

259178. LUPINUS sp.

Col. No. 455. Casoracra, 9 miles east of La Roya. Elevation 13,000 feet.

259179 to 259181. SACCHARUM (hybrids). Poaceae. Sugarcane.

From Australia. Cuttings presented by the Northern Sugar Experiment Station, Gordonvale, Queensland. Received July 27, 1959.

259179. 57 N.G. 59.

259180. 57 N.G. 69.

259181. 57 N.G. 79.

259182. SACCHARUM (hybrid). Poaceae. Sugarcane.

From Mexico. Cuttings presented by the Instituto para el Mejoramiento de Azucar, Balderas. Received July 27, 1959.

'Criolla Morada'.

259183. SACCHARUM (hybrid).

From Puerto Rico. Cuttings presented by E. Boneta-Garcia, Agricultural Experiment Station, Rio Piedras. Received July 31, 1959.

P. R. 1032.

259184 to 259415.

From various foreign sources. Clones growing at the United States Plant Introduction Station, Miami, Florida. Numbered July 27, 1959.

259184. HEVEA BENTHAMIANA Muell. Euphorbiaceae.

F 4506. United States Rubber Plant Field Station, Turrialba, Costa Rica.

259184 to 259415—Continued

- 259185 to 259286. *HEVEA BRASILIENSIS* (A. Juss.) Muell. **Para rubber tree.**
259185. C 256. Guatemala Rubber Station, Entre Rios, Guatemala; from Liberia.
259186. C 318. Guatemala Rubber Station, Entre Rios, Guatemala; from Liberia.
259187. F 351 (GF 111). From Brazil.
259188. F 406. C. H. T. Townsend, Jr., Belterra, Para, Brazil.
259189. F 409. (GF 47). Washington, D.C. From Brazil.
259190. F 1619. From Brazil.
259191. F 1620. (GF 45). United States Rubber Field Station, Turrialba, Costa Rica; from Brazil.
259192. F 1638. From Brazil. Selection at Fordlandia.
259193. FB 3300. C. H. T. Townsend, Jr., Belterra, Para, Brazil. Selection from Belterra seedlings.
259194. FX 25. (GF 141). From Brazil. A high yielding and *Dothidella ulei* resistant cross.
259195. FX 87. United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil. A high yielding and *Dothidella ulei* resistant cross.
259196. FX 232. C. H. T. Townsend, Jr., Belterra, Para, Brazil. Intraspecific cross.
259197. FX 273. From Brazil. Intraspecific cross.
259198. FX 714. C. H. T. Townsend, Jr., Belterra, Para, Brazil. A high yielding and *Dothidella ulei* resistant cross.
259199. FX 1042. United States Plant Field Station, Turrialba, Costa Rica; from Brazil.
259200. FX 3009. United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil.
259201. FX 3028. United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil.
259202. FX 3022. C. H. T. Townsend, Jr., Belterra, Para, Brazil. Intraspecific cross.
259203. FX 3635. United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil. Intraspecific cross.
259204. FX 3649. United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil.
259205. FX 3864. United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil.
259206. FX 4098. United States Rubber Plant Field Station, Turrialba, Costa Rica and Estacion Experimental, Cuyotenango Such. Guatemala; from Brazil. Intraspecific cross.
259207. GA 163 (Avros 163). Rubber Station, Marfranc, Jeremie, Haiti; from Sumatra.
259208. GA 255 (Avros 255). Far East; from Sumatra.
259209. GA 272 (Avros 272). Rubber Station, Marfranc, Jeremie, Haiti; from Sumatra.
259210. GA 273 (Avros 273). Aycock, Honduras; from Sumatra.
259211. GA 308 (Avros 308) F 2103. Rubber Station, Marfranc, Jeremie, Haiti; from Sumatra.
259212. GA 337 (Avros 337). Aycock, Honduras; from Sumatra.

259184 to 259415—Continued**259185 to 259286—Continued**

- 259213.** GA 352 (Avros 352) F 2112. Washington, D.C.; from Sumatra.
- 259214.** GA 1126 (Avros 1126). From Sumatra.
- 259215.** GA 1279 (Avros 1279). From Sumatra.
- 259216.** GA 1518 (Avros 1518). Rubber Station, Marfranc, Jeremie, Haiti; from Sumatra.
- 259217.** GA 1581 (Avros 1581). From Sumatra.
- 259218.** GP 4. Rubber Station, Marfranc, Jeremie, Haiti.
- 259219.** GU 110. Rubber Station, Cuyotenango, Such., Guatemala.
- 259220.** GT 711. Far East.
- 259221.** GT 127. Far East.
- 259222.** GV 17. Washington, D.C.; from the Far East. High yielding clone in the East.
- 259223.** GV 21. Rubber Station, Marfranc, Jeremie, Haiti; from the Far East.
- 259224.** GV 23. United States Rubber Field Station, Turrialba, Costa Rica; from the Far East. Good yielding clone in the East. Bark renewal is stated to be excellent.
- 259225.** GV 30. United States Rubber Field Station, Turrialba, Costa Rica; from the Far East.
- 259226.** GV 31. Rubber Station, Marfranc, Jeremie, Haiti; from the Far East. One of the highest yielding clones but has no resistance to *Dothidella ulei*. Much used as a parent.
- 259227.** GV 37. E. T. Stanwood, Honduras; from the Far East. One of the highest yielding clones but has no resistance to *Dothidella ulei*. Much used as a parent.
- 259228.** GV 55. (LCB 510) PR 107. Aycock, Honduras; from Java.
- 259229.** GV 61. United States Rubber Field Station, Turrialba, Costa Rica; from the Far East.
- 259230.** 'Harbel 1.' Firestone Plantations, Liberia.
- 259231.** 'Harbel 2.' Firestone Plantations, Liberia.
- 259232.** IAN 443. United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil.
- 259233.** IAN 486. Brazil.
- 259234 to 259238.** United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil.
- 259234.** IAN 710.
- 259235.** IAN 713.
- 259236.** IAN 873 (GF 138).
- 259237.** IAN 3384.
- 259238.** IAN 3394.
- 259239 to 259259.** Instituto Agronomico do Norte, Belem, Para, Brazil.
- | | |
|--------------------------|--------------------------|
| 259239. IAN 6163. | 259244. IAN 6499. |
| 259240. IAN 6165. | 259245. IAN 6500. |
| 259241. IAN 6166. | 259246. IAN 6505. |
| 259242. IAN 6167. | 259247. IAN 6584. |
| 259243. IAN 6497. | 259248. IAN 6585. |

259184 to 259415—Continued

259185 to 259286—Continued

259239 to 259259—Continued

259249.	IAN 6586.	259255.	IAN 6754.
259250.	IAN 6587.	259256.	IAN 6755.
259251.	IAN 6640.	259257.	IAN 6756.
259252.	IAN 6641.	259258.	IAN 6757.
259253.	IAN 6645.	259259.	IAN 6834.
259254.	IAN 6753.		

259260 to 259266. From Peru.

259260.	P 15.	259264.	P 173.
259261.	P 118.	259265.	P 177.
259262.	P 121.	259266.	P 178.
259263.	P 122.		

259267. RRI 511. Mr. Craig, Belem, Para, Brazil; from Malaya.

259268. RRI 526. Mr. Craig, Belem, Para, Brazil; from Malaya.

259269. RRI 527. Estacion Experimental, Cuyotenango, Such., Guatemala. From Malaya.

259270. RRI 600. Rubber Research Institute of Malaya, Kuala Lumpur, Malaya.

259271. RRI 620. Estacion Experimental, Cuyotenango, Guatemala; from Malaya.

259272. RRI 628. Estacion Experimental, Cuyotenango, Such., Guatemala; from Malaya.

259723 to 259286. Rubber Research Institute of Ceylon, Dartonfield, Agalawatta, Ceylon.

259273.	RRIC 9.	259280.	RRIC 37.
259274.	RRIC 13.	259281.	RRIC 40.
259275.	RRIC 24.	259282.	RRIC 45.
259276.	RRIC 28.	259283.	RRIC 46.
259277.	RRIC 31.	259284.	RRIC 50.
259278.	RRIC 33.	259285.	RRIC 60.
259279.	RRIC 36.	259286.	RRIC 74.

259287. *HEVEA BRASILIENSIS* (A. Juss.) Muell.

C-293. Firestone Plantations Company, Harbel, Liberia.

259288. *HEVEA BRASILIENSIS* (A. Juss.) Muell.

C-334. Firestone Plantations Company, Harbel, Liberia.

259289. *HEVEA* sp.

GV-10 (Lamp 1). United States Rubber Plant Field Station, Turrialba, Costa Rica; from the Far East. Oriental clone with good yield but no resistance to *Dothidella*.

259290 to 259308. *HEVEA* (hybrid).

(*H. benthamiana* × *H. brasiliensis*)

259184 to 259415—Continued

259290 to 259308—Continued

259290 to 259298. United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil. A high yielding and *Dothidella ulei* resistant cross.

259290. FX 4457.

259295. FX 516.

259291. FX 212 (GF 126).

259296. FX 614 (GF 132).

259292. FX 349.

259297. FX 652 (GF 133).

259293. FX 360.

259298. FX 2784.

259294. FX 505.

259299. FX 2831. C. H. T. Townsend, Jr., Belterra, Para, Brazil. A high yielding and *Dothidella ulei* resistant cross.

259300. FX 3525. C. H. T. Townsend, Jr., Belterra, Para, Brazil. A high yielding and *Dothidella ulei* resistant cross.

259301. FX 3703. United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil. A high yielding and *Dothidella ulei* resistant cross.

259302. FX 3810. Estacion Experimental, Cuyotenango, Guatemala; from Brazil. A high yielding and *Dothidella ulei* resistant cross.

259303. FX 3846. United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil. A high yielding and *Dothidella ulei* resistant cross.

259304. FX 3925. Estacion Experimental, Cuyotenango, Such., Guatemala; Ex Brazil. A high yielding and *Dothidella ulei* resistant cross.

259305. FX 4037. C. H. T. Townsend, Jr., Belterra, Para, Brazil. A high yielding and *Dothidella ulei* resistant cross.

259306. FX 4065. United States Rubber Plant Field Station, Turrialba, Costa Rica; Ex Brazil. A high yield and *Dothidella ulei* resistant cross.

259307. FX 4421. C. H. T. Townsend, Jr., Belterra, Para, Brazil. A high yielding and *Dothidella ulei* resistant cross.

259308. FX 4425. From Brazil. A high yielding and *Dothidella ulei* resistant cross.

259309 and 259310. HEVEA (hybrids).

(*H. brasiliensis* × *H. benthamiana*).

259309. IAN 500. Brazil.

259310. IAN 717 (GF 152). United States Rubber Plant Field Station Turrialba, Costa Rica; from Brazil.

259311 to 259315. HEVEA (hybrids).

(*H. brasiliensis* × *H. benthamiana* × *H. brasiliensis*).

United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil.

259311. IAN 2220.

259312. IAN 2322.

259313. IAN 2328.

259314. IAN 2361. A backcross of *Dothidella ulei* resistant hybrid to a high yielder.

259315. IAN 2363. A backcross of *Dothidella ulei* resistant hybrid to a high yielder.

259184 to 259415—Continued

259316 to 259394. HEVEA (hybrid).

(*H. benthamiana* × *H. brasiliensis* × *H. brasiliensis*).

United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil, except where otherwise noted.

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|-------------------|---|---|---------------------------|
| 259316. | IAN 2489. | 259321. | IAN 2580. From
Brazil. |
| 259317. | IAN 2490. | 259322. | IAN 2648. |
| 259318. | IAN 2531. | 259323. | IAN 2650. |
| 259319. | IAN 2532. | 259324. | IAN 2661. |
| 259320. | IAN 2569. | | |
| 259325. | IAN 2662. | A backcross of <i>Dothidella ulei</i> resistant hybrid to a high yielder. | |
| 259326. | IAN 2666. | 259349. | IAN 2856. |
| 259327. | IAN 2668. | 259350. | IAN 2858. |
| 259328. | IAN 2740. | 259351. | IAN 2860. |
| 259329. | IAN 2743. | 259352. | IAN 2863. |
| 259330. | IAN 2820. | 259353. | IAN 2865. |
| 259331. | IAN 2821. | 259354. | IAN 2866. |
| 259332. | IAN 2823. | 259355. | IAN 2868. |
| 259333. | IAN 2824. | 259356. | IAN 2869. |
| 259334. | IAN 2825. | 259357. | IAN 2874. |
| 259335. | IAN 2826. | 259358. | IAN 2880. |
| 259336. | IAN 2827. | 259359. | IAN 2881. |
| 259337. | IAN 2828. | 259360. | IAN 2882. |
| 259338. | IAN 2829. | 259361. | IAN 2883. |
| 259339. | IAN 2835. | 259362. | IAN 2886. |
| 259340. | IAN 2838. | 259363. | IAN 2889. |
| 259341. | IAN 2839. | 259364. | IAN 2895. |
| 259342. | IAN 2841. | 259365. | IAN 2897. |
| 259343. | IAN 2844. | 259366. | IAN 2900. |
| 259344. | IAN 2846. | 259367. | IAN 2901. |
| 259345. | IAN 2847. | 259368. | IAN 2902. |
| 259346. | IAN 2849. | 259369. | IAN 2906. |
| 259347. | IAN 2851. | 259370. | IAN 2908. |
| 259348. | IAN 2855. | | |
| 259371 to 259374. | A backcross of <i>Dothidella ulei</i> resistant hybrid to a high yielder. | | |
| 259371. | IAN 2916. | 259373. | IAN 2918. |
| 259372. | IAN 2917. | 259374. | IAN 2919. |
| 259375. | IAN 2920. | 259379. | IAN 2929. |
| 259376. | IAN 2922. | 259380. | IAN 2930. |
| 259377. | IAN 2924. | 259381. | IAN 2931. |
| 259378. | IAN 2925. | 259382. | IAN 2934. |
| 259383. | IAN 2937. | A backcross of <i>Dothidella ulei</i> resistant hybrid to a higher yielder. | |

259184 to 259415—Continued**259316 to 259394—Continued**

259384. IAN 2949.

259385 to 259394. A backcross of *Dothidella ulei* resistant hybrid to a high yielder.

259385. IAN 2955.

259390. IAN 2965.

259386. IAN 2956.

259391. IAN 2969.

259387. IAN 2958.

259392. IAN 2970.

259388. IAN 2960.

259393. IAN 2972.

259389. IAN 2961.

259394. IAN 3411.

259395. Hevea (hybrid).

IAN 3470. Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil.

259396 to 259415. HEVEA (hybrid).

From United States Rubber Plant Field Station, Turrialba, Costa Rica; from Brazil.

259396. IAN 3528.

259397. IAN 3529.

259398 and 259399. A backcross of *Dothidella ulei* resistant hybrid to a high yielder.

259398. IAN 3711.

259399. IAN 3714.

259400. IAN 3717.

259408. IAN 3807.

259401. IAN 3721.

259409. IAN 3811.

259402. IAN 3740.

259410. IAN 3813.

259403. IAN 3742.

259411. IAN 3815.

259404. IAN 3780.

259412. IAN 3822.

259405. IAN 3785.

259413. IAN 3828.

259406. IAN 3795.

259414. IAN 3843.

259407. IAN 3805.

259415. IAN 3885.

259416. PIPER NIGRUM L. Piperaceae.

Black pepper.

From Puerto Rico. Cuttings presented by the Federal Experiment Station, Mayaguez. Received August 12, 1959.

'Kalluvalli A-5'. A fruiting branch cutting.

259417. OTTOCHLOA NODOSA (Kunth.) Dandy Poaceae

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received August 13, 1959.

Mat-forming perennial; rooting at the lower nodes: culms to 3 feet high, leafy.

This species extends the grazing period of pastureland.

259418 to 259430.

From Argentina. Seeds presented by the Secretaria de Estado de Agricultura y Ganadería de la Nación, Buenos Aires. Received July 30, 1959.

259418. HIBISCUS CANNABINUS L. Malvaceae.

Kenaf.

259419. HIBISCUS CISPLATINUS St. Hil.

259420. HIBISCUS COCCINEUS Walt.

Scarlet rosemallow.

From Peking, China.

259418 to 259430—Continued

259421. *HIBISCUS DIVERSIFOLIUS* Jacq. Rosemallow.
From Lisbon, Portugal.
259422. *HIBISCUS ESCULENTUS* L. Okra.
259423. *HIBISCUS GOSSYPINUS* Thunb.
From Rumania.
259424. *HIBISCUS MARMORATUS* Lem.
From Mexico.
259425. *HIBISCUS MOSCHEUTOS* L. Common rosemallow.
From Antibes, France.
259426. *HIBISCUS MUTABILIS* L. Cotton rosemallow.
From Ariana, Tunisia.
259427. *HIBISCUS PARAMUTABILIS* L. H. Bailey.
From Peking, China.
259428. *HIBISCUS SOLANDRA* L'Her.
From Cluj, Rumania.
259429. *HIBISCUS SYRIACUS* L. Shrub-althea.
From Sofia, Bulgaria.
259430. *HIBISCUS TRIONUM* L. Flower-of-an-hour.
From Cluj, Rumania.

259431 to 259438.

From Australia. Plants presented by the Botanical Gardens, Adelaide. Received July 29, 1959.

259431. *ARCTOTIS ACAULIS* L. Asteraceae.
Flowers red.
259432. *ANTHOCERCIS VISCOSA* R. Br. Solanaceae.
259433. *BYSTROPOGON ORIGANIFOLIUS* L'Her. Menthaceae.
259434. *CALLISTEMON*. Myrtaceae.
'Harkness Hybrid'. (Sterile form).
259435. *COPROSMA* sp. Rubiaceae.
'Variegata'.
259436. *CORREA MINOR* (E. Ashley) J. M. Black Rutaceae.
259437. *EREMOPHILA ALTERNIFOLIA* R. Br. Myoporaceae.
259438. *EREMOPHILA POLYCLADA* (F. Muell.) F. Muell.

259439 to 259445.

From Japan. Seeds presented by the Episcopal Church, Nikko Tochigi Prefecture. Received July 31, 1959.

259439. *PRUNUS APETALA* (Sieb. & Zuc.) Franch. & Savat. Amygdalaceae.
259440. *PRUNUS INCISA* var. *YAMADEI* Mankino. Mame cherry.
259441. *PRUNUS SARGENTII* Redhr. Sargeant cherry.
259442. *PRUNUS SERRULATA* var. *SPONTANEA* (Maxim.) Wilson
Wild ornamental cherry.
259443. *PRUNUS SUBHIRTELLA* Miquel. Higan cherry.
259444. *PRUNUS SYODOI* Nakai.
259445. *PRUNUS VELUTIPES* Nakai.

259446 to 259458.

From Poland. Budsticks presented by the Research Institute of Pomology, Skierniewice. Received July 31, 1959.

259446 to 259456. *MALUS SYLVESTRIS* Mill. Malaceae. **Common apple.**

259446. 'Arkad Zimnyi'.

259447. 'Bellefleur Rekord'.

259448. 'Doch Diany' ('Dica Diana').

259449. 'Kanorkowa'.

259450. 'Kulon Kitaika' ('Kitajka').

259451. 'Michurin's Bessiemianka' ('Bezziemianka Miczurina').

259452. 'Pepin Shafrannyi' ('Pepina Szafran').

259453. 'Piervomaiskoie' ('Pierwomajskaja').

259454. 'Renet Beegamotnyi' ('Renet Bergametowa').

259455. 'Slovianka'.

259456. 'Zimnieje Piervoskhodnoie'.

259457 and 259458. *PRUNUS PERSICA* (L.) Batsch. Amygdalaceae. **Peach.**

259457. 'Bai Tao'. Fruit small; flesh white. From Peking, China.

259458. 'Tzim Pec Tao'. Fruit small; skin green. From Peking, China.

259459 and 259460. *LESPEDEZA CUNEATA* (Dumont) G. Don **Faba-
ceae. Chinese lespedeza.**

From Japan. Seeds presented by the Grassland Research Division, Agriculture Experiment Station, Kwanto-Tosan, Honshu. Received July 31, 1959.

259459. 'Nakei-1'; 'Nasu Strain 1'.

259460. 'Nakei-4'; 'Nasu Strain 4'.

259461 to 259463.

From the Netherlands. Plant material collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Aug. 3, 1959.

Collected at Zuider Park, The Hague.

259461. *CORNUS PAUCINERVIS* Hance. Cornaceae.

Common littleleaf dogwood.

Col. No. 6407. Bush to five feet high; branches ascending; flowers white.

259462. *CELTIS LABILIS* C. Schneid. Ulmaceae.

Col. No. 6414. Deciduous tree; native of China. (Seed).

259463. *ROSA ECAE* Aitch. Rosaceae.

Eca rose.

Col. No. 6435. Erect shrub to six feet high; leaflets small, reddish; flowers deep yellow. (Seed).

259464. *PERSEA AMERICANA* Mill. Lauraceae.

Avocado.

From Spain. Cuttings presented by the Instituto Nacional de Investigaciones Agronomicas, Puerto de la Cruz, Tenerife, Canary Islands. Received August 3, 1959.

'Tenerife'.

259465. *EUPHORIA* sp. Sapindaceae.

From Puerto Rico. Seeds presented by the Federal Experiment Station, Mayaguez. Received August 3, 1959.

259466. *SASA KURILENSIS* (Rupr.) Makino & Shibata. Poaceae. **Bamboo.**

From Japan. Plants collected by R. E. Perdue, Jr., New Crops Research Branch, Crops Research Division, Beltsville, Md. Received August 3, 1959.

Col. No. 9608. One mile east of Shikotsu Lake near road to Chitose. Plants to 6 feet high.

259467 and 259468.

From Spain. Tubers collected by Elmo W. Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received August 3, 1959.

Estacion de Mejora de la Patata, Vitoria.

259467. *SOLANUM PINNATISECTUM* Dun. Solanaceae.

No. D-30. $2N = 48$ (Artificial tetraploid.)

259468. *SOLANUM* (hybrid).

(*S. jamesii* × *S. pinnatisectum*).

No. D-31. $2N = 48$ (Artificial amphidiploid.)

259469. *SACCHARUM* (hybrid). Poaceae. **Sugarcane.**

From Mexico. Cuttings presented by the Institute for the Improvement and Propagation of Sugarcane, Mexico, D.F. Received August 3, 1959.

No. 52-29.

259470 and 259471.

From the Netherlands. Plant material collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received August 5, 1959.

259470. *ROSA SERICEA* Lindl. Rosaceae.

Rose.

Col. No. 6434. Zuider Park, The Hague. Shrub to 5 feet high; flowers white; hips red. (Seeds).

259471. *SALIX PURPUREA* var. *AMPLEXICAULIS* (Bory & Chaub.) Boiss. Salicaceae. **Willow.**

Col. No. 6450. 'Amplexicaulis'. L. J. J. Van Dijk nursery. Deciduous tree; leaves glaucous beneath, stems red to purplish. A source of salicylic acid. (Plants).

259472. *LILIUM CANDIDUM* L. Liliaceae. **Madonna lily.**

From Great Britain. Bulbs presented by E. B. Anderson, Cortosi, England. Received August 5, 1959.

'Purpureum Striatum'.

259473 to 259476.

From the Netherlands. Cuttings collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received August 5, 1959.

259473. *CRASSULA* × *ANDEGAVENSIS* Boom. Crassulaceae.

(*C. falcata* × *C. schmidtii*)

Col. No. 6451. Firm of K. Edelman, Reeuwijk. July 31, 1959. Succulent perennial to 12 feet high, tufted; flowers dark red, very showy.

259474 to 259476. *HIBISCUS SYRIACUS* L. Malvaceae. **Shrub-althea.**

259474. Col. No. 6466. 'Duc de Brabant'. Old Farm Nurseries, Boskoop. Flowers double, lavender-pink.

259475. Col. No. 6474. 'Souvenir de Charles Breton'. Old Farm Nurseries, Boskoop. Flowers double, magenta, red spot at base.

259476. Col. No. 6475. 'Luteus Plenus'. Old Farm Nurseries, Boskoop.

259477. SACCHARUM SPONTANEUM L. Poaceae.

From Turkey. Cuttings collected by Quentin Jones, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received August 5, 1959.

259478 and 259479.

From Malaya. Seeds presented by R. A. Hamilton. Received August 6, 1959.

259478. CITRUS sp. Rutaceae.

'Limau Jembol'.

259479. CITRUS sp.

'Limau Hatan'.

**259480 to 259490. IPOMOEA BATATAS (L.) Lam. Convolvulaceae.
Sweetpotato.**

From Ethiopia. Tubers presented by the Oklahoma State College Contract Group, Addis Ababa. Received Aug. 7, 1959.

259480. 1-A.

259486. 3-C.

259481. 1-B.

259487. 3-D.

259482. 1-C.

259488. 3-E.

259483. 2-A.

259489. 2-H.

259484. 3-A.

259490. No number.

259485. 3-B.

**259491 to 259494. ONOBRYCHIS VICIIFOLIA Scop. Fabaceae.
Sainfoin.**

From Great Britain. Seeds presented by the National Institute of Agricultural Botany, Cambridge, England. Received August 10, 1959.

259491. 'Giant'.

259493. 'Rees "A"'

259492. 'Hampshire Common'.

259494. 'Turkish Anatolian'.

**259495 and 259496. LINUM USITATISSIMUM L. Linaceae.
Common flax.**

From Czechoslovakia. Seeds presented by the Czechoslovakian Academy of Agricultural Sciences, Research Institute for Fiber Plants, Sumpperk-Temnice. Received August 10, 1959.

259495. R 1/1.

259496. R 1/2.

259497 to 259535.

From Bulgaria. Seeds presented by the Bulgarian Academy of Sciences, Institute of Plant Growing, Sofia. Received August 10, 1959.

259497 to 259511. LINUM USITATISSIMUM L. Linaceae. Common flax.

259497. 'Mejdinen Plowdiv 25'. From Bulgaria.

259498 to 259503. From Hungary.

259498. 'Betta 88 Kethaszum'.

259501. 'Crepitans Tabor'.

259499. 'Betta 91 Kethaszum'.

259502. 'Hosszuhati'.

259500. 'Buda'.

259503. 'Ungarski Sekatsch'.

259504 to 259511. From the Union of Soviet Socialist Republics.

259504. 'Krupnosemennii'.

259508. 'Stavropolski'.

259505. 'Luisizia'.

259509. 'Stepnoi'.

259506. 'Prediltschschik'.

259510. 'Swetotsch'.

259507. 'Seirek'.

259511. 'Zarski'.

259497 to 259535—Continued

- 259512 to 259514.** *LOTUS CORNICULATUS* L. Fabaceae. **Birdsfoot trefoil.**
Originally from Czechoslovakia.
259512. 'Malejovsky'.
259513. 'Taborsky'.
259514. 'Trebichky'.
- 259515 and 259516.** *LUPINUS ALBUS* L. Fabaceae. **White lupine.**
From Poland.
259515. N 761; 'Polen'.
259516. 'Presebedowski Wezesni'.
- 259517 to 259519.** *LUPINUS ANGUSTIFOLIUS* L. **Blue lupine.**
From Germany.
259517. 'Kamekes Fruhe Blaulupine'; 'Weihenstephan'.
259518. 'Pflugs Blaulupine'.
259519. 'Rothbluhende von Merkel'; 'Weihenstephan'.
- 259520 to 259535.** *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**
259520 to 259524. From Bulgaria.
259520. 'Boiniza'. **259523.** 'Plowdiv'.
259521. 'Gramada'. **259524.** 'Sofia'.
259522. 'Plowdiv N. 377'.
259525 to 259530. From Union of Soviet Socialist Republics.
259525. 'Mandjurskaja'. **259528.** 'Prerowska'.
259526. 'Mantschewska'. **259529.** 'Samkewitscha'.
259527. 'Poltawskaja'. **259530.** 'Slawianskaja'.
259531 to 259533. From Hungary.
259531. 'Bankuti Tajfaita'.
259532. 'Nagyszenasi'.
259533. 'Szarwasi'.
259534 and 259535. From Czechoslovakia.
259534. 'Hodoninska'.
259535. 'Stupicka'.
- 259536.** *THEOBROMA CACAO* L. Sterculiaceae. **Cacao.**
From Ghana. Seeds presented by the West African Cacao Research Institute, Tafo. Received August 10, 1959.
'Amelonado'.
- 259537 to 259546.**
From Brazil. Seeds presented by the Instituto Agronomico do Estado de Sao Paulo, Campinas, Sao Paulo. Received August 10, 1959.
- 259537 to 259543.** *GYLCINE MAX* (L.) Merr. Fabaceae. **Soybean.**
259537. 530; 'Edna'. Sao Paulo.
259538. 581; 'Kedelee No. 16'. Java.
259539. 582; 'Kedelee No. 29'. Java.
259540. 713; 'Pero Yellow 380'. Nigeria.
259541. 880; 'Preta'. Parana, Brazil.

259537 to 259546—Continued**259537 to 259543—Continued**

259542. 871; Preta da Estacao, Angola.

259543. 676; No. 29. Java.

259544 to 259546. GLYCINE JAVANICA L.

259544. 863. Union of South Africa.

259545. 804. United States of America.

259546. 791. Rio Janeiro, Brazil.

259547 and 259548. CHRYSANTHEMUM (hybrids). Asteraceae.

From China. Plants collected by R. E. Baker, Taipei, Taiwan. Received January 17, 1957. Numbered August 11, 1959.

259547. 'Taiwan 13'; 'Roc's Cry'. Flowers yellow spider; petals fine quills.

259548. 'Taiwan 26'; 'Pine with Hanging Vines'. Flowers white with purple cast; petals quills.

259549 to 259551. PANICUM MAXIMUM VAR. TRICHOGLUME Eyles.

Poaceae.

Green panicgrass.

From Australia. Seeds presented by the Texas Agricultural and Mechanical College System, College Station, Texas. Received August 11, 1959.

259549. Commercial.

259550. Q2933.

259551. Q2966.

259552 to 259557.

From Kenya. Seeds presented by the Grassland Research Station, Kitale. Received August 11, 1959.

259552. PANICUM COLORATUM L. Poaceae.

K52233.

259553 to 259556. PANICUM MAXIMUM Jacq.

Guineagrass.

259553. K52128. 'Likoni'.

259555. K51343. 'Malaba'.

259554. K52125. 'Lilongwe'.

259556. K51270. 'Sigor'.

259557. PANICUM MAXIMUM VAR. TRICHOGLUME Eyles

Green panicgrass.**259558. PANICUM MAXIMUM Jacq. Poaceae.****Guineagrass.**

From the Union of South Africa. Seeds presented by the Department of Agriculture, Division of Crops and Pastures, Pretoria. Received August 11, 1959. K50201.

U/53/30. Formerly from Rhodesia.

259559 to 259571.

From Uganda. Seeds presented by the Department of Agriculture, Serene, Eastern Province. Received August 11, 1959.

259559 to 259569. PANICUM MAXIMUM Jacq. Poaceae.

Guineagrass.

259559. SR 5426. Kitale, Kenya.

259560. SR 5741. Kitale, Kenya.

259561. SR 5743. Nyasaland.

259562. SR 5755. Bambatsi, Southern Rodesia.

259563. SR 5829. Kitale, Kenya.

259564. SR 5833. Rangive River, Kitale, Kenya.

259565. SR 5836.

259559 to 259571—Continued**259559 to 259569—Continued**

259566. SR 5838.

259567. SR 5839.

259568. SR 5841.

259569. SR 5847.

259570 and 259571. PANICUM MAXIMUM var. TRICHOGLUME Eyles
Green panicgrass.

259570. SR 5742. Kitale, Kenya.

259571. SR 5831. Australia.

259572 to 259758. ARACHIS HYPOGAEA L. Fabaceae. **Peanut.**

From Venezuela. Seeds presented by the Centro Investigaciones Agronomicas, Maracay. Received August 13, 1959.

259572. 56.1. 'Americano Chico'. La Estanzuela, Uruguay.

259573. 56.2. *A. nambiquarae* × 'Java 10'. Potchefstroom, Union of South Africa.

259574. 56.3. 'Virginia Bunch'. Potchefstroom, Union of South Africa.

259575. 56.4. 'Negrito'. Cascupe, Paraguay.

259576. 56.5. 'Megro Grande'. Cascupe, Paraguay.

259577 to 259586. Hope, Jamaica.

259577. 56.6 'Virginia Runner No. 11.'

259578. 56.7 'Spanish No. 12.'

259579. 56.8. 'Dixie Runner No. 21.'

259580. 56.9. 'Valencia No. 8'.

259581. 56.10. No. 16.

259582. 56.11. No. 19.

259583. 56.12. No. 9.

259584. 56.13. No. 18.

259585. 56.14. No. 2.

259586. 56.15. No. 15.

259587 to 259597. La Estanzuela, Uruguay.

259587. 56.16. 'Colorado Federacion'.

259588. 56.17. 'Small Spanish No. 36'.

259589. 56.18. 'Spanish 0.344 No. 29'.

259590. 56.19. 'Spanish 503 No. 35'.

259591. 56.20. 'Blanco de Tacuarembó'.

259592. 56.21. No. 28-204.

259593. 56.22. 'Colorado de Tacuarembó'.

259594. 56.23. 'Baki-Foire No. 31'.

259595. 56.24. 'Imperial Spanish'.

259596. 56.25. V. 1940 E.

259597. 56.26. 'Aceitero Federacion'.

259598. 56.27. 'Colorado de Tacuarembó Selection'. Maracay, Venezuela.

259599. 56.28. 'Turkestan A'. La Estanzuela Uruguay.

259572 to 259758—Continued

- 259600 to 259603.** Sydney, Australia.
259600. 56.29. 'Large White Spanish'.
259601. 56.30. 'Valencia'.
259602. 56.31. 'Tennessee White'.
259603. 56.32. 'Tanah'.
259604. 56.33. 'Tatu'. Campinas, Brazil.
259605. 56.34. 'Tatu Sel'. Maracay, Venezuela.
259606 to 259609. Campinas, Brazil.
259606. 56.35. No. 45.
259607. 56.36. 'Porto Alegre'.
259608. 56.38. 'Roxo No. 54'.
259609. 56.39. 'Florido'.
259610. 56.40. 'Cateto'. Barretos, Brazil.
259611 to 259615. Kawanda, Uganda.
259611. 56.42. B 239.
259612. 56.43. 'Atuboi'.
259613. 56.44. 'Bukalasa Bukalasa Bunch'.
259614. 56.45. B 227.
259615. 56.46. S 185.
259616. 56.47. 'Babile'. Lawra, Costa de Oro.
259617 to 259625. Santiago de Las Vegas, Cuba.
259617. 56.48. No. 15233. **259622.** 56.53. No. 15637.
259618. 56.49. No. 15421. **259623.** 56.54. No. 15637. Sel.
259619. 56.50. No. 15608. **259624.** 56.55. 'Georgia 207-3'.
259620. 56.51. No. 15614. **259625.** 56.56. No. 15420.
259621. 56.52. No. 15621.
259626. 56.58. 'Improved Valencia'. Casma, Peru.
259627. 56.59. 'Base 1 Suisse'. La Estanzuela, Uruguay.
259628. 56.60.
259629 to 259632. La Plata, Argentina.
259629. 56.61. **259631.** 56.63.
259630. 56.62. **259632.** 56.64.
259633. 56.65. Gonzalito, Venezuela.
259634. 56.66. Caracas, Venezuela.
259635 to 259688. Santiago de Las Vegas, Cuba.
259635. 56.68. 'Chileno'. **259643.** 56.76. No. 15231.
259636. 56.69. E L 2. **259644.** 56.77. No. 15232.
259637. 56.70. E L 3. **259645.** 56.78. No. 15234.
259638. 56.71. No. 12989. **259646.** 56.79. No. 15235.
259639. 56.72. No. 15226. **259647.** 56.80. No. 15237.
259640. 56.73. No. 15228. **259648.** 56.81. No. 15238.
259641. 56.74. No. 15229. **259649.** 56.82. No. 15239.
259642. 56.75. No. 15230. **259650.** 56.83. No. 15416.

259572 to 259758—Continued

259635 to 259688—Continued

259651.	56.84.	No. 15417.	259670.	56.103.	No. 15622.
259652.	56.85.	No. 15419.	259671.	56.104.	No. 15623.
259653.	56.86.	No. 15422.	259672.	56.105.	No. 15625.
259654.	56.87.	No. 15426.	259673.	56.106.	No. 15626.
259655.	56.88.	No. 15488.	259674.	56.107.	No. 15627.
259656.	56.89.	No. 15502.	259675.	56.108.	No. 15628.
259657.	56.90.	No. 15598.	259676.	56.109.	No. 15629.
259658.	56.91.	No. 15599.	259677.	56.110.	No. 15630.
259659.	56.92.	No. 15600.	259678.	56.111.	No. 15631.
259660.	56.93.	No. 15602.	259679.	56.112.	No. 15632.
259661.	56.94.	No. 15604.	259680.	56.113.	No. 15633.
259662.	56.95.	No. 15607.	259681.	56.114.	No. 15634.
259663.	56.96.	No. 15609.	259682.	56.115.	No. 15636.
259664.	56.97.	No. 15610.	259683.	56.116.	No. 15638.
259665.	56.98.	No. 15612.	259684.	56.117.	No. 15639.
259666.	56.99.	No. 15615.	259685.	56.118.	No. 15707.
259667.	56.100.	No. 15616.	259686.	56.119.	No. 15708.
259668.	56.101.	No. 15617.	259687.	56.120.	No. 15711.
259669.	56.102.	No. 15620.	259688.	56.121.	No. 15712.

259689.	56.129.	Turmero, Venezuela.			
259690.	56.131.	Nauanagua, Venezuela.			
259691.	56.132.	58-1142. Giabuabita, Venezuela.			
259692.	56.133.	'Americano Chico Sel'. Maracay, Venezuela.			
259693.	56.134.	'Spanish Spanish'. La Estanzuela, Uruguay.			
259694.	56.135.	'Mani Aceitero'. La Estanzuela, Uruguay.			
259695.	56.136.	'Turkestan 1932'. La Estanzuela, Uruguay.			
259696.	56.137.	(58-1147). San Felipe, Venezuela.			
259697.	56.138.	La Fria, Venezuela.			
259698.	56.140.	Guayabita, Venezuela.			
259699.	56.141.	Parao. Cumana, Venezuela.			
259700 to 259703.		La Plata, Argentina.			
259700.	56.142.	'Tipo 3'.	259702.	56.144.	'Tipo 4'.
259701.	56.143.	'Tipo 10'.	259703.	56.145.	'Tipo 7'.
259704.	56.148.	Spanish Variety. From Venezuela from Germain Seed & Plant Co., Los Angeles, California.			
259705.	56.149.	'Tipo 1 Mexico'. Sonora, Mexico.			
259706 to 259716.		Campinas, Brazil.			
259706.	56.150.	CS3-No. 33.	259712.	56.156.	'Tai-tau No. 60'.
259707.	56.151.	No. 101.	259713.	56.157.	'Comun No. 50'.
259708.	56.152.	'Roxo No. 40'.	259714.	56.158.	'Morado No. 61'.
259709.	56.153.	'Cuba No. 47'.	259715.	56.159.	No. 2.
259710.	56.154.	'Cateto No. 49'.	259716.	56.160.	'Amarelho No. 51'.
259711.	56.155.	'Kiechusa No. 70'.			

259572 to 259758—Continued

- 259717.** 56.162. No. 15624. Santiago de Las Vegas, Cuba.
259718. 56.164. 'Improved Spanish 2 B'. Casina, Peru.
259719. 56.165. 'Corriente'.
259720 to 259727. Santiago de Las Vegas, Cuba.
259720. 56.166. No. 15427. **259724.** 56.171. No. 15601.
259721. 56.167. No. 15489. **259725.** 56.172. No. 15602.
259722. 56.169. No. 15596. **259726.** 56.173. No. 15603.
259723. 56.170. No. 15600. **259727.** 56.174. No. 15604.
259728. 56.175. 'Aceitero Federacion Sel'.
259729. 56.176. 'Hawaii Sel. 5'. Dept. Agriculture, Haiti.
259730. 56.177. 'Hawaii Sel. 1'. Dept. Agriculture, Haiti.
259731 to 259739. DEIP, Argentina.
259731. 56.178. SD 50788. **259736.** 56.183. SD 50948.
259732. 56.179. SD 50791. **259737.** 56.184. SD 50953.
259733. 56.180. SD 50806. **259738.** 56.185. SD 50966.
259734. 56.181. SD 50808. **259739.** 56.186. SD 50990.
259735. 56.182. SD 50901.
259740. 56.187. SA 44 G 346. Potchefstroom, Union of South Africa.
259741. 56.195. No. 28-204. La Estanzuela, Uruguay.
259742. 56.196. 'Turkestan A'. La Estanzuela, Uruguay.
259743. 56.197. 0344. La Estanzuela, Uruguay.
259744. 56.198.
259745. 56.199.
259746. 56.200. (58-1209).
259747. 56.200. (58-1210).
259748. 56.201. 'Tingo Maria'. Tingo Maria, Peru.
259749. A.
259750. B.
259751. C.
259752. D.
259753. 'Barberton' (58-1219).
259754. 'Kawanda' (58-1216).
259755. 'Natal Common' (58-1218).
259756. 'Stepheville' (58-1215).
259757. 'Manyma Bunch' (58-1214).
259758. 'Spanish Bunch' (58-1217).
259759. *VIGNA SESQUIPEDALIS* (L.) Fruwirth *Fabaceae.*
Yardlong cowpea.
 From Hong Kong. Seeds presented by P. S. Chung. Received Sept. 23, 1959.

259760 to 259762.

From New Guinea. Seeds presented by the Archbold Expedition, Goroka.
Received Aug. 13, 1959.

259760. RHODODENDRON sp. Ericaceae.

No. 30113. East slopes Mount Wilhelm, July 23, 1953. Elevation 3,990 meters.

259761. RHODODENDRON sp.

No. 30808. East slopes Mount Wilhelm. July 1959. Elevation 2,740 meters. Low epiphyte in mossy forest; flowers red, showy.

259762. RUBUS sp. Rosaceae.

No. 30099. East slopes Mount Wilhelm. Elevation 4,000 meters.

259763. POA BULBOSA L. Poaceae. Bulbous bluegrass.

From Greece. Seeds presented by the Hellenic Agricultural Research Station, Larissa. Received Aug. 13, 1959.

Collected in Central Peloponnisis near Tripolis. Elevation 600 meters.

259764 to 259863. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Nyasaland. Seeds presented by the Agricultural Research Station, Lilongwe. Received August 13, 1959.

259764. U/A 1-BS 1.	259792. U/A 36-S 726.
259765. U/A 2-BB 2.	259793. U/A 37-S 731.
259766. U/A 4-B 227.	259794. U/A 38-'Atuboi'.
259767. U/A 5-B 239.	259795. SA/A 4-'Virginia'.
259768. U/A 7-B 353.	259796. SA/A 5-42-G-105.
259769. U/A 9-B 700.	259797. SA/A 6-43-G-68.
259770. U/A 10-B 701.	259798. SA/A 7-44-G-346.
259771. U/A 12-B 704.	259799. SA/A 8-47-G-114.
259772. U/A 13-B 713.	259800. N/A 1 'Gambia'.
259773. U/A 14-B 715.	259801. N/A 2 'Mwitunde'.
259774. U/A 15-B 717.	259802. N/A 3a 'Virginia Bunch a'.
259775. U/A 16-B 719.	259803. N/A 3b 'Virginia Bunch b'.
259776. U/A 17-B 724.	259804. S/A 1 'Abu Arbaa'.
259777. U/A 19-B 727.	259805. S/A 2 'Barberton'.
259778. U/A 21-B 729.	259806. S/A 3 'Beladi Bunch'.
259779. U/A 23-B 732.	259807. S/A 4 'Jur'.
259780. U/A 24-B 733.	259808. S/A 5 'Kalinde'.
259781. U/A 25-B 735.	259809. S/A 8 'Asford'.
259782. U/A 26-B 736.	259810. T/A 1 'Kalunde'.
259783. U/A 27-B 737.	259811. T/A 2 'Kanyoma'.
259784. U/A 28-S 183.	259812. T/A 4 'Kutumbaa'.
259785. U/A 29-S 185.	259813. T/A 5 'Matavere'.
259786. U/A 30-S 716.	259814. T/A 7 'Spanish'.
259787. U/A 31-S 718.	259815. A/M 1.
259788. U/A 32-S 720.	259816. A/M 2.
259789. U/A 33-S 721.	259817. A/M 3.
259790. U/A 34-S 722.	259818. A/M 4.
259791. U/A 35-S 723.	259819. A/M 5.

259764 to 259863—Continued

259820.	333-B-3-1-3.	259842.	'Early Ripening Bunch'.
259821.	'Ap. 205 Spanish'.	259843.	809.
259822.	'A7 Ganadjika'.	259844.	'Castle Cary'.
259823.	'A65 Gandajika'.	259845.	TMV 3.
259824.	'Spanish Bunch' A.R.S.	259846.	'Wina Bunch'.
259825.	'Chimbwila'.	259847.	MJ 374.
259826.	'Manyema Nzega'.	259848.	'1.A. Red Bassanga'.
259827.	'Manvema Tanganyika'.	259849.	'Hong Kong'.
259828.	'Mango Nzega'.	259850.	AM. 22 'Var. 78'.
259829.	'Tunduru'.	259851.	'American'.
259830.	'Mulova Tuduru'.	259852.	'Valencia Potchefstroom'.
259831.	'Konwa Red'.	259853.	'Chitala White'.
259832.	'Konwa Mixed'.	259854.	'Mbawa Runner'.
259833.	'Kidang Batavia'.	259855.	'Bambia Spreading'.
259834.	'Gadiah 61'.	259856.	S/A 7 'Zande'.
259835.	'Schwarz 21'.	259857.	'Natal Common Katete'.
259836.	'Japanese Bunch'.	259858.	S/A 6 KCA.
259837.	'Giza Bunch'.	259859.	'Sinyala Local'.
259838.	43-G-90.	259860.	'Common White' ex Brazil.
259839.	KCA S/A6.	259861.	'Chalimbani'.
259840.	'Nhambaquarea'.	259862.	'Kapwoto'.
259841.	'Variety 68'.	259863.	'Mbale Bunch'.

259864. PRINGLEA ANTISCORBUTICA R. Br. Brassicaceae.

Kerguelen cabbage.

From France. Seeds presented by the Museum National d'Histoire Naturelle, Paris. Received August 14, 1959.

Collected in the Kergelen Islands.

259865 to 259894.

From Yugoslavia. Seeds presented by the Institute for Research in Plant Production, Zagreb. Received August 14, 1959.

259865 to 259874. AVENA SATIVA L. Poaceae. Common oats.

- 259865. No. 8. Z-1. Winter type; straw weak.
- 259866. No. 9. Z-14. Facultative and early type; some resistant to cold, straw strong.
- 259867. No. 10. Z-24. Winter type; straw weak.
- 259868. No. 11. Z-43. Winter type; late-maturing; straw weak.
- 259869. No. 12. Z-47. Winter type; late-maturing; straw weak.
- 259870. No. 13. Z-53. Spring type; late-maturing; straw weak.
- 259871. No. 14. Z-64. Spring type; medium- late maturing, straw weak.
- 259872. No. 15. Z-110. Facultative type; straw weak.
- 259873. No. 16. Z-202. Winter type; straw weak.
- 259874. No. 17. Z-219. Facultative and early type; straw weak.

259865 to 259894—Continued

259875 to 259878. *HORDEUM VULGARE* L. Poaceae. Common barley.

259875. No. 20. J-16. Winter type; resistant to *Helminthosporium* and rust.

259876. No. 21. J-20. Winter and medium early type.

259877. No. 22. J-25. Winter type; straw weak.

259878. No. 23. J-53. Spring type.

259879 to 259894. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

259879. No. 53. U-1.

259880. No. 47. U-12. Facultative; straw strong susceptible to cold injury, not resistant to rust.

259881. No. 48. U-14. Facultative; for moderate climates, not resistant to rust.

259882. No. 27. 'Osjecka Sisulja'. Winter type; for moderate climates; susceptible to rust.

259883. No. 29. 1094/56. Stem 130 cm. high.

259884. No. 31. 148/57. Stem to 110 cm. high. Resistant to cold and *Puccinia graminis*.

259885. No. 32. 643/58. Winter type; stem 110 cm. high. Resistant to *Puccinia graminis*.

259886. No. 33. P-23 'Beljski Rod 56'. Steppe wheat.

259887. No. 35. P-262 'Fiorello'. Mediterranean wheat.

259888. No. 36. P-813 'Autonomia'. Mediterranean wheat.

259889. No. 37. P-705 'San Pastore'. Mediterranean wheat.

259890. No. 38. P-712 'Mara'. Mediterranean wheat.

259891. No. 39. P-718 'Fortunato'. Mediterranean wheat.

259892. No. 41. P-725 'Hauter II'. Atlantic wheat.

259893. No. 44. P-559 'II-50-72 Frontana' X '58-Newthatch'. Resistant to *Puccinia graminis*.

259894. No. 46. P-603n 318.A.T. Resistant to *Puccinia graminis*.

259895. *ERIANTHUS* sp. Poaceae.

From the British West Indies. Cuttings presented by the British West Indies Sugar Cane Breeding Station, Bridgetown, Barbados. Received Aug. 14, 1959.

259896. *CYTISUS* (hybrid) Fabaceae.

From the Netherlands. Seeds collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received August 17, 1959.

Col. No. 6221. 'Hollandia'. Gabr. Veerman nursery, Boskoop.

259897 to 259954.

From the Netherlands. Cuttings collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received August 17, 1959.

Presented by the Institute of Horticultural Plant Breeding, Wageningen, and collected from the wild in the Union of South Africa, unless otherwise indicated.

259897. *CRASSULA ACUTIFOLIA* Lam. Crassulaceae.

Col. No. 1679.

259897 to 259954—Continued

- 259898 and 259899.** *CRASSULA ANOMALA* Schoenl. & Bak. f.
259898. Col. No. 6216.
259899. Col. No. 6226.
- 259900 and 259901.** *CRASSULA BAKERI* Schoenland.
259900. Col. No. 6191.
259901. Col. No. 6196.
- 259902.** *CRASSULA BREVIFOLIA* Harv.
 Col. No. 6229.
- 259903.** *CRASSULA CEPHALOPHORA* L.f.
 Col. No. 6220.
- 259904.** *CRASSULA DASYPHYLLA* Harv.
 Col. No. 6184.
- 259905 and 259906.** *CRASSULA DECEPTRIX* Schoenl.
259905. Col. No. 6193.
259906. Col. No. 6200.
- 259907.** *CRASSULA DELTOIDA* L.f.
 Col. No. 6188.
- 259908 to 259912.** *CRASSULA DUBIA* Schoenl.
259908. Col. No. 6212. **259911.** Col. No. 6224.
259909. Col. No. 6214. **259912.** Col. No. 6232.
259910. Col. No. 6215.
- 259913.** *CRASSULA GRISEA* Schoenl.
 Col. No. 6187.
- 259914.** *CRASSULA HETEROTRICHA* Schinz.
 Col. No. 6181.
- 259915.** *CRASSULA HYSTRIX* Schoenl.
 Col. No. 6222.
- 259916 to 259920.** *CRASSULA LYCOPODIODES* Lam.
259916. Col. No. 6180. **259919.** Col. No. 6209.
259917. Col. No. 6194. **259920.** Col. No. 6223.
259918. Col. No. 6203.
- 259921 and 259922.** *CRASSULA NAMAQUENSIS* Schoenl. & Bak. f.
259921. Col. No. 6198.
259922. Col. No. 6227.
- 259923.** *CRASSULA NUDICAULIS* L.
 Col. No. 6195.
- 259924.** *CRASSULA OBVALLATA* L.
 Col. No. 6205.
- 259925.** *CRASSULA PACHYSTEMON* Schoenl. & Bak. f.
 Col. No. 6236.
- 259926 and 259927.** *CRASSULA PERFOSSA* Lam.
259926. Col. No. 6185.
259927. Col. No. 6189.

259897 to 259954—Continued

- 259928.** *CRASSULA RADICANS* D. Dietr.
Col. No. 6207.
- 259929 and 259930.** *CRASSULA RUBELLA* Compton
259929. Col. No. 6218.
259930. Col. No. 6217.
- 259931 to 259933.** *CRASSULA RUPESTRIS* L.f.
259931. Col. No. 6182.
259932. Col. No. 6197.
259933. Col. No. 6234.
- 259934 and 259935.** *CRASSULA SERICEA* Schoenl.
259934. Col. No. 6211.
259935. Col. No. 6221.
- 259936.** *CRASSULA SUBAPHYLLA* Harv.
Col. No. 6201.
- 259937.** *CRASSULA TETRAGONA* L.
Col. No. 6192.
- 259938.** *CRASSULA TOMENTOSA* L.f.
Col. No. 6199.
- 259939.** *CRASSULA* (hybrids).
(*C. deceptrix* × *C. falcata*). Originated in California.
- 259940.** *CRASSULA* (hybrid).
(*C. marnieriana* × *C. brevifolia*). Originated at Wageningen.
- 259941.** *CRASSULA* (hybrids).
(*C. marnieriana* × *C. brevifolia*). Originated at Wageningen.
- 259942.** *CRASSULA* sp.
Col. No. 6186.
- 259943.** *CRASSULA* sp.
Col. No. 6190.
- 259944.** *CRASSULA* sp.
Col. No. 6204.
- 259945.** *CRASSULA* sp.
Col. No. 6206.
- 259946.** *CRASSULA* sp.
Col. No. 6219.
- 259947.** *CRASSULA* sp.
Col. No. 6238.
- 259948.** *CRASSULA* sp.
Col. No. 6235.
- 259949.** *KALANCHOE PUMILA* Baker *Crassulaceae*.
Col. No. 6208. J. Marnier-Lapostolle, Cap-Ferrat, France.
- 259950.** *SENECIO CITRIFORMIS* G. Rowley *Asteraceae*.
Col. No. 6230. Scrambling shrub; leaves citruslike, blue-green.

259897 to 259954—Continued**259951.** *PILEA GLOBOSA* Wedl. Urticaceae.

Col. No. 6218. Leaves underside translucent.

259952. *AEONIUM ARBOREUM* (L.) Webb. Q Berth. Crassulaceae.**Houseleek.**

Col. No. 6225. 'Moorkop'. Leaves dark purple.

259953. *SENECIO IOSENSIS* Rowley Asteraceae.

Col. No. 6210. From species type material.

259954. *SENECIO RADICANS* (L.f.) Schultz. Bip.

Col. No. 6231.

259955. *HIBISCUS HETEROPHYLLUS* Vent. Malvaceae.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received August 27, 1959.

Collected in the Benarkin Forest Reserve in southern Queensland.

259956. *TAXUS BACCATA* L. Taxaceae.

From the Netherlands. Cuttings collected by F. G. Meyer, agricultural explorer, New Crop Research Branch, Crops Research Division, Beltsville, Md. Received August 17, 1959.

Col. No. 6538. 'Amersfoort'. Grounds of the Psychiatric Hospital, Zon en Schild, Amersfoort. Small dark green tree; branches gently ascending.

259957 to 259962.

From French Polynesia. Seeds presented by the Agricultural Service, Papeete, Tahiti. Received August 17, 1959.

259957. *CITRUS GRANDIS* (L.) Osbeck Rutaceae.**Pummelo.**

'Pamplemousse Doux de Sarawak'.

259958 and 259959. *CITRUS RETICULATA* Blanco**Mandarin orange.****259958.** Unnamed. Introduced by Capt. Cook.**259959.** Unnamed. Introduced from New Caledonia.**259960 to 259961.** *CITRUS SINENSIS* (L.) Osbeck**Sweet orange.****259960.** Agricultural Station, Pirae. Seeds from naturalized trees from the mountains of Tahiti.**259961.** Seed from naturalized orange trees from the mountains of Tahiti.**259962.** *CITRUS* sp.'Combaya'. Probably a form of *C. hystrix*.**259963 to 259984.** *NERINE* (hybrids) Amaryllidaceae.

From Great Britain. Bulbs collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received August 18, 1959.

Collected at the Exbury Estate, Exbury, Southampton, England.

259963. Col. No. 6452. 'Blenheim'. Flowers pale mauve; vein red, tipped pink.**259964.** Col. No. 6453. 'Bagdad'. Flowers scarlet.**259965.** Col. No. 6454. 'Ben Hills'. Flowers vivid pink.**259966.** Col. No. 6455. 'Caryatid'. Flowers orange-scarlet.**259967.** Col. No. 6456. 'Carita'. Flowers pale pink.**259968.** Col. No. 6457. 'Carmenita'. Flowers pale pink-flushed blue.

259963 to 259984—Continued

259969. Col. No. 6458. 'Cerise'. Flowers cerise.
 259970. Col. No. 6459. 'Desdemona'. Flowers deep pink.
 259971. Col. No. 6460. 'Eddy'. Flowers scarlet.
 259972. Col. No. 6461. 'Vivid'. Flowers brilliant red.
 259973. Col. No. 6462. 'Horsa'. Flowers bright pink.
 259974. Col. No. 6463. 'Inchmery'. Flowers scarlet.
 259975. Col. No. 6464. 'King of Belgians'. Flowers pink.
 259976. Col. No. 6465. 'Leo'. Flowers red.
 259977. Col. No. 6466. 'Mrs. H. J. Elwes'. Flowers pale pink.
 259978. Col. No. 6467. 'Miss Moore'. Flowers bright pink.
 259979. Col. No. 6468. 'Optomist'. Flowers red.
 259980. Col. No. 6469. 'October David'. Flowers dark crimson.
 259981. Col. No. 6470. 'Queen Mary'. Flowers salmon-pink.
 259982. Col. No. 6471. 'Ruth'. Flowers deep pink.
 259983. Col. No. 6472. 'Solent Swan'. Flowers white.
 259984. Col. No. 6473. N. (hybrid). 'Spitfire'. Flowers mauve-pink.

259985 to 259988. SACCHARUM (hybrids). Poaceae. Sugarcane.

From the British West Indies. Cuttings presented by the Sugar Research Station, Mandeville, Jamaica. Received August 19, 1959.

259985. 'Ribbon'.
 259986. 'Governor'; 'Crawfish'.
 259987. 'Jamaica Red'; 'Sam Brown'.
 259988. 'Sugar Doctor'.

259989 to 259998. CARTHAMUS TINCTORIUS L. Asteraceae. Safflower.

From Pakistan. Seeds presented by the United States Operations Mission, Karachi. Received August 19, 1959.

259989 to 259993. Grown at the Punjab Agricultural College, Lyallpur.

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| 259989. No. 1. | 259992. No. 6. |
| 259990. No. 4-1. | 259993. No. 7. |
| 259991. No. 5. | |

259994 to 259996. From Khairpur, Bahawalpur State.

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| 259994. No. 8. | 259996. 'Dolkha Sind'. |
| 259995. No. 852. | |

259997 and 259998. Lyallpur, Bazaar.

259997. No data.
 259998. No data.

259999 to 260002. MALUS SYLVESTRIS Mill. Malaceae. Common apple.

From Great Britain. Scions presented by the National Fruit Trials, Brogdale Farm, Faversham, Kent, England. Received August 19, 1959.

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| 259999. 'Crawley Beauty'. | 260001. 'Miller's Seedling' (Red Sport). |
| 260000. 'Egremont Russet'. | 260002. 'San Juan'. |

260003 to 260005.

From the Netherlands. Cuttings collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received August 19, 1959.

260003 to 260005. Hortus Botanicus, Amsterdam. August 12, 1959.

260003. *BOLBITIS CUSPIDATA* (Presl) Ching. Polypodiaceae.

Col. No. 6574. Densely tufted fern; fronds to 5 feet long.

260004. *MARCGRAVIA POLYANTHA* Delp. Marcgraviaceae.

Col. No. 6578. Epiphyte; leaves dimorphic; flowers in cultivation on the mature branches.

260005. *POTHOS SCANDENS* L. Araceae.

Col. No. 6579. Epiphyte; petiole leaflike, half as wide as the blade.

260006 to 260010. *SACCHARUM* (hybrids). Poaceae. **Sugarcane.**

From Australia. Cuttings presented by the Bureau of Sugar Experiments, Brisbane, Queensland. Received August 19, 1959.

260006. Q.65.

260009. Q.70 (I.70).

260007. Q.66.

260010. 'Vidar'.

260008. Q.68.

260011 to 260013. *LOTUS CORNICULATUS* L. Fabaceae.**Birdsfoot trefoil.**

From Brazil. Seeds presented by the Agriculture and Natural Resources Division, Rio Grande do Sul. Received August 20, 1959.

260011. 'Jaguara'.

260012. 'Sao Gabriel'.

260013. 'Vicaria'.

260014 to 260043. *LOLIUM PERENNE* L. Poaceae.**Perennial ryegrass.**

From Great Britain. Clones presented by the Welsh Plant Breeding Station, Aberystwyth, Wales. Received August 20, 1959.

260014 to 260021. First Generation.

260014. Ba 7270. Irish, early.

260018. Ba 7274. Kent, early.

260015. Ba 7271. Irish, early.

260019. Ba 7275. Kent, early.

260016. Ba 7272. Irish, late.

260020. Ba 7276. Kent, late.

260017. Ba 7273. Irish, late.

260021. Ba 7277. Kent, late.

260022 to 260037. Fifth Generation.

260022. Ba 7278. Irish, early-early.

260023. Ba 7279. Irish, early-early.

260024. Ba 7280. Irish, early-late.

260025. Ba 7281. Irish, early-late.

260026. Ba 7282. Irish, late-early.

260027. Ba 7283. Irish, late-early.

260028. Ba 7284. Irish, late-late.

260029. Ba 7285. Irish, late-late.

260030. Ba 7286. Kent, early-early.

260031. Ba 7287. Kent, early-early.

260032. Ba 7288. Kent, early-late.

260014 to 260043—Continued**260022 to 260037—Continued**

260033. Ba 7289. Kent, early-late.

260034. Ba 7290. Kent, late-early.

260035. Ba 7291. Kent, late-early.

260036. Ba 7292. Kent, late-late.

260037. Ba 7293. Kent, late-late.

260038. Ba 7146. S.23, extra-late. 260041. Ba 7158. S.23, extra-late.

260039. Ba 7153. S.23, extra-late. 260042. Ba 7159. S.23, extra-late.

260040. Ba 7156. S.23, extra-late. 260043. Ba 7161. S.23, extra-late.

260044. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Southern Rhodesia. Seeds presented by the Department of Research and Specialist Services, Salisbury. Received Aug. 20, 1959.

‘Mafuta’.

260045 and 260046. ORYZA SATIVA L. Poaceae. Rice.

From the United States. Seeds presented by the Rice Pasture Experiment Station, Beaumont, Texas. Numbered Aug. 20, 1959.

Selections from P.I. 247956.

260045. ‘Cuba 65-V-58’.

260046. ‘Cuba 65-58A’.

260047. AMELANCHIER SANGUINEA DC. Malaceae. Shadbush.

From Canada. Seeds collected by F. J. Hermann, New Crops Research Branch, Plant Industry Station, Beltsville, Md. Received Aug. 27, 1959. Rocky slope above Georgian Bay, Ten Mile Point, Manitoba Island, Ontario.

260048. FRAGARIA MOSCHATA Duchesne Rosaceae. Hautbois strawberry.

From Great Britain. Seeds presented by the John Innes Horticultural Institution, Bayfordbury, Hertford, Herts, England. Received Aug. 21, 1959.

B.M. 248 × self.

260049 to 260062.

From the Union of Soviet Socialist Republics. Seeds presented by the Union of Soviet Socialist Republics Agricultural Exhibition, New York, N.Y. Received August 20, 1959.

260049. AVENA SATIVA L. Poaceae. Common oats.

‘Sanietski’.

260050 and 260051. LINUM USITATISSIMUM L. Linaceae. Common flax.

260050. ‘Ghissaiski 474’.

260051. ‘Varoneshski 1308’.

260052. ORYZA SATIVA L. Poaceae. Rice.

‘Krasnodarski 424’.

260053. PANICUM MILIACEUM L. Poaceae. Proso millet.

‘Veselopolianskoyi 367’.

260049 to 260062—Continued

260054 and 260055. *SECALE CEREALE* L. Poaceae. **Rye.**

260054. 'Kazanskaya'.

260055. 'Kharkovskaya 194'.

260056. *SORGHUM SUDANENSE* (Piper) Stapf Poaceae. **Sudangrass.**
'Odesskaya 25'.

260057 to 260060. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**

260057. 'Hordiforme 10'. Hard, spring type.

260058. 'Hordioforme 189'. Hard, spring type.

260059. 'Hybrid 186'. Reported to be a *Triticum* × *Agropyron* hybrid.

260060. 'Sikorospyelka 3'. Winter type.

260061 and 260062. *TRITICUM DURUM* Desf.

260061. 'Akmolinka 5'. Spring type.

260062. 'Uralskaya 16'. Spring type.

260063 to 260065. *CITRUS RETICULATA* Blanco Rutaceae.

Mandarin orange.

From Malaya. Seeds presented by Dick Hamilton, Singapore. Received August 21, 1959.

260063. 'Kaproc'. From Madiera Island. Good dessert variety.

260064. 'Siam'. From Bekasi. Good dessert variety; very prolific.

260065. 'Tjinalitjon'. Grows well on heavy, dry soil and may have rootstock possibilities. It thrives where other citrus are very weak growing and short-lived.

260066 to 260142.

From Australia. Seeds collected by George Spalding, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. From the Melbourne Botanic Gardens and National Herbarium, South Yarra, Victoria. Received August 24, 1959.

260066. *ACACIA MAIDENII* F. Muell. Mimosaceae.

Col. No. 466. Tree to 50 feet high; trunk to 1.5 feet diameter; phyllodes about 4 inches long, linear-lanceolate, falcate, dark green; flowers in spikes, 1 inch long, bright yellow.

260067. *ACACIA ULICIFOLIA* (Salisb.) A.B.Court

Col. No. 462. Straggly tree to 8 feet high; phyllodes about 0.75 inch long, pungent; flowers pale yellow; flower heads spherical.

260068. *AJUGA AUSTRALIS* R.Br. Menthaceae.

Col. No. 383. Softly hairy perennial to 2 feet high; leaves ovate-oblong, somewhat toothed; flowers bright blue.

260069. *ALECTRYON EXCELSUM* J.Gaertn. Sapindaceae. **Titoki.**

Col. No. 1070. Tree to 60 feet high; trunk to 2 feet in diameter; bark usually black; leaves unequally pinnate, 4-12 inches long; flowers in panicles.

260070. *ALECTRYON SUBCINEREUS* (A.Gray) Radlk.

Col. No. 1071. Tree to 30 feet high; leaves glabrous, leaflets 2-6, oblong-elliptical, 3-5 inches long; flowers in loose panicles.

260071. *ALECTRYON TOMENTOSUM* (F.Muell.) Radlk.

Col. No. 1072. Tree to 30 feet high; young branches rusty-tomentose; leaves divided into 4-8 leaflets each to 4 inches long; flowers small.

260066 to 260142—Continued

260072. *ALSOPHILA AUSTRALIS* R.Br. Cyatheaaceae.

Col. No. 262. Plant to 30 feet high; fronds to 10 feet long. Grows well in a warm, moist climate.

260073. *BACKHOUSIA CITRIODORA* F.Muell. Myrtaceae.

Col. No. 683. Small tree; leaves ovate to ovate-lanceolate, 3-5 inches long; flowers numerous, small.

260074. *BACKHOUSIA MYRTIFOLIA* Hook.

Col. No. 684. Tree to 15 feet high; branches slender; leaves opposite, ovate, punctate, margins ciliate; flowers in small corymbs, white, cream, green and yellow, to 0.5 inch across.

260075. *BAECKEA DENSIFOLIA* Sm. Myrtaceae.

Col. No. 685. Virgate shrub to 6 feet high; branches erect, numerous, arising from the base; leaves minute; flowers white.

260076. *BILLARDIERA LONGIFOLIA* Labill. Pittosporaceae.

Col. No. 878. Slender creeper to 15 feet high; foliage dense; flowers pale green, pendulous; berries to an inch long, bright violet.

260077. *BRACHYCOME SIEBERI* DC. Asteraceae.

Col. No. 176. Plant to 2 feet high; leaves mostly basal, to 3 inches long, broadly toothed; flowers terminal, pale mauve or azure-blue.

260078. *BRACHYSEMA SUBCORDATUM* Benth. Fabaceae.

Col. No. 488. Spreading shrub to 3 feet high; leaves an inch long, cordate.

260079. *CALLISTEMON RIGIDUS* R. Br. Myrtaceae.

Col. No. 691. No data.

260080 and 260081. *CALLITRIS CUPRESSIFORMIS* Vent. Pinaceae.

260080. Col. No. 246. Tree to 60 feet high and 1 to 2 feet in diameter; female cones clustered, 1 inch in diameter.

260081. Col. No. 253. Tree to 60 feet high and 1 to 2 feet diameter; female cones clustered, to 1 inch in diameter.

260082. *CALLITRIS HUEGELLI* (Carr.) Franco. Pinaceae.

Col. No. 248. Tree to 50 feet high; trunk 18 inches in diameter; cones 1 inch diameter.

260083. *CALLITRIS OBLONGA* Rich.

Col. No. 251. Small tree; branches dense, erect; female cones to 1 inch diameter.

260084. *CALLITRIS ROBUSTA* (Parl.) F. M. Bailey

Col. No. 245. Tall tree; branches spreading or ascending.

260085. *CALYTHRIX SULLIVANII* F. Muell. Myrtaceae.

Col. No. 703. Erect or semispreading shrub to 3 feet high; leaves very small, linear; flowers white to pink.

260086. *CALYTHRIX TETRAGONA* Labill.

Col. No. 705. Tree to 8 feet high; branches many, arising directly from the base; leaves small, ericoid, to 1 inch long, dark green; flowers numerous, white.

260087. *CARMICHAELIA ALIGERA* G. Simpson Fabaceae.

Col. No. 491. Tree to 30 feet high; trunk 1 foot in diameter; leaves to 2.5 inches long, glabrous, compound; flowers in racemes, white and purple.

260088. *CERATOPETALUM GUMMIFERUM* Sm. Cunoniaceae.

Col. No. 244. Tree to 30 feet high; leaves trifoliate, to four inches long, sometimes yellow-green, glossy; flowers greenish-white, in cymes or panicles.

260066 to 260142—Continued

260089. *CINNAMOMUM BURMANII* Nees. Lauraceae.

Col. No. 440.

260090. *CORREA SPECIOSA* Ait. Rutaceae.

Col. No. 1060. Open, erect shrub to six feet high; leaves reflexed, opposite, woolly underneath, to three inches long; flowers pendulous, green, to one inch long.

260091. *ALSOPHILA AUSTRALIS* R. Br. Cyatheaceae.

Col. No. 261. Plant to 30 feet high; trunk to 12 inches thick; fronds large, to 12 feet long; bases of rachis rough.

260092. *DICHOPOGON STRICTUS* (R. Br.) Baker Liliaceae.

Col. No. 582. Perennial to three feet high; leaves to eight inches long, grasslike, mostly radical; flowers bright purple.

260093. *DRACOPHYLLUM SECUNDUM* R. Br. Epacridaceae.

Col. No. 276. Erect shrub to several feet high; leaves spreading, linear-lanceolate, to six inches long; flowers white, in spikes to six inches long.

260094. *ELAEOCARPUS CYANEUS* Ait. Elaeocarpaceae.

Col. No. 274. Tree to 50 feet high; leaves elliptic-ovate, to five inches long; flowers small, greenish; fruit drupeaceous, bright blue.

260095. *ERIOSTEMON MYOPOROIDES* DC. Rutaceae.

Col. No. 1061. Shrub to eight feet high; leaves lanceolate, punctate; flowers white, waxy and persisting.

260096. *EUTAXIA MICROPHYLLA* (R. Br.) J. M. Black. Fabaceae.

Col. No. 515. Spreading shrub to 3 feet high; branches long, trailing; flowers small, red and yellow.

260097. *GLOCHIDION FERDINANDII* (Muell.) Pax & K. Hoffm. Euphorbiaceae.

Col. No. 300. Small glabrous tree; leaves elliptical or ovate-lanceolate, to 4 inches long; flowers in sessile axillary clusters.

260098. *GREVILLEA HILLIANA* F. Muell. Proteaceae.

Col. No. 915. Tree to 25 feet high; leaves entire or deeply dissected, to 10 inches long; flowers small, in very dense spikes, to 5 inches long, creamy-white.

260099. *GREVILLEA JUNIPERINA* R. Br. Proteaceae.

Col. No. 918. Spreading plant to 6 feet high; branches long; leaves linear, fascicled, pungent, to 2 inches long; flowers orange-red.

260100. *GREVILLEA OLEOIDES* var. *DIMORPHA* (F. Muell.) Benth.

Col. No. 923. Erect, open shrub to 8 feet high; leaves to 6 inches long; flowers red.

260101. *GREVILLEA ROSMARINIFOLIA* A. Cunn.

Col. No. 925. Shrub to 10 feet high and 15 feet across; branches spreading; leaves small, dark green, pungent; flowers green and red.

260102. *HOVEA ELLIPTICA* (Sm.) DC. Fabaceae.

Col. No. 524. Erect shrub to 6 feet high; leaves to 3 inches long, lanceolate to elliptical; flowers in small axillary clusters, blue.

260103. *HOVEA LONGIFOLIA* R. Br.

Col. No. 525. Erect shrub to 10 feet high; branches erect; leaves linear-lanceolate, leathery, upper surface sometimes rugose; flowers bright sky-blue.

260104. *KREYSIGIA MULTIFLORA* (R. Br.) Reichenb. Liliaceae.

Col. No. 589. Herb to 18 inches high, forming clumps; leaves to 3 inches long, ovate, sessile; flowers axillary, 0.75 inch across, pink.

260066 to 260142—Continued

260105. *KUNZEA BAXTERI* (Klotzsch) Schauer. Myrtaceae.

Col. No. 755. Shrub to 6 feet high; leaves narrow-linear to 0.75 inch long, rigid; flowers in dense spikes to 2 inches long, resembling a callistemon, bright red; stamen yellow.

260106. *LASIOPETALUM BAUERI* Steetz. Sterculiaceae.

Col. No. 1122. Shrub to 5 feet high; leaves small, linear, leathery; flowers white, shades of pink or light mauve.

260107. *LASIOPETALUM DASYPHYLLUM* Sieber.

Col. No. 1123. Spreading shrub to 15 feet high; leaves ovate to lanceolate, to 4 inches long, woolly underneath; calyx velvety, pale pink to rusty-brown.

260108. *LEPTOSPERMUM SCOPARIUM* Forst. Myrtaceae.

Col. No. 759. 'Keatley'. Winter flowering hybrid; flowers pink, paler towards the edge, to 1 inch across.

260109. *LEPTOSPERMUM* (hybrid)

Col. No. 262. 'Nana'. Very dwarf shrub; foliage fine, dense, reddish, minute.

260110. *LEPTOSPERMUM SCOPARIUM* Forst.

Col. No. 770. 'Walker'. Open, spreading plant; flowers are in shades of pink and white.

260111. *LEPTOSPERMUM ERICOIDES* A. Rich.

Col. No. 756. Spreading tree to 15 feet high; leaves small, glossy, green; flowers small, white; fruit a hard capsule.

260112. *LEPTOSPERMUM SCOPARIUM* Forst.

Col. No. 766. 'Chapmanii'. Erect or willowy shrub; foliage usually dark; flowers large, rosy-red.

260113. *LOMATIA FRAXINIFOLIA* F. Muell. Proteaceae.

Col. No. 942. Small tree; leaves irregularly divided, to 6 inches long; flowers in racemes to 8 inches long.

260114. *LOMATIA MYRICOIDES* (J. Gaertn.) Domin.

Col. No. 943. Erect shrub to 20 feet high; leaves to 8 inches long; flowers pale green or cream, small, insignificant.

260115. *LOMATIA SALAIFOLIA* (Sm.) R. Br.

Col. No. 945. Shrub to 4 feet high; leaves compound, very deeply dissected, to 5 inches long; flowers small, creamy-white, in racemes or panicles.

260116. *MELALEUCA LINARIIFOLIA* Sm. Myrtaceae.

Col. No. 780. Tall tree slender branches; leaves mostly opposite, to 1.5 inches long; flowers numerous, white.

260117. *OLEARIA ARGOPHYLLA* (Labill.) F. Muell. Asteraceae.

Col. No. A. Spreading tree to 30 feet high; trunk to 12 inches thick; leaves ovate, to 6 inches long, silver beneath and dark green above; flowers small, in numerous heads.

260118. *OLEARIA LYRATA* (Sims) Hutch.

Col. No. 210. Erect, slender shrub to 8 feet high; branches slender, erect; leaves lanceolate, woolly beneath, to 6 inches long; flowers white, rays prominent.

260119. *OLEARIA STELLULATA* DC.

Col. No. 209. Spreading shrub to 8 feet high; leaves to 1 inch long; flowers in compact heads, white.

260066 to 260142—Continued

260120 and 260121. *OXYLOBIUM LANCEOLATUM* (Vent.) Druce. Fabaceae.

260120. Col. No. 536. Shrub to 15 feet high; leaves in three, linear to linear-lanceolate, to 5 inches long; flowers in terminal heads or clusters, yellow and red.

260121. Col. No. 537. Shrub to 15 feet high; leaves in threes, linear to linear-lanceolate, to 5 inches long; flowers in terminal heads or clusters, yellow and red.

260122. *PATERSONIA LONGISCAPA* Sweet. Iridaceae.

Col. No. 378. Perennial to 15 inches high; leaves to 8 inches long; flowers to 2 inches across, bluish-purple, very delicate; perianth parts thin.

260123. *PHLOMIS FRUTICOSA* L. Menthaceae.

Col. No. 400. No data.

260124. *PIMELEA FERRUGINEA* Labill. Thymelaeaceae.

Col. No. 1135. Semierect shrub to 3 feet high; branches numerous; leaves to 0.75 inch long, shining, dark green, elliptical-ovate; flowers pinkish-white.

260125. *PLECTRANTHUS ECKLONII* Benth. Menthaceae.

Col. No. 404. No data.

260126. *PLECTRANTHUS FRUTICOSUS* L'Her.

Col. No. 405. No data.

260127. *PODOCARPUS ELATA* R.Br. Taxaceae.

Col. No. 1128. Tree to 100 feet high; leaves to 6 inches long, linear-lanceolate.

260128. *POMADERRIS EDGERLEYI* Hook. f. Rhamnaceae.

Col. No. 969. Straggly shrub to 4 feet high; leaves to 1 inch long; flowers small, in terminal and axillary cymes.

260129. *POMADERRIS LANIGERA* (Andr.) Sims.

Col. No. 971. Shrub to 10 feet high; leaves to 3 inches long, broadly elliptical, dull green on upper surface; flowers in cymose clusters, grouped into dichotomous panicles; brownish-white.

260130. *PROSTANTHERA INCISA* R.Br. Menthaceae.

Col. No. 411. Slender shrub to 6 feet high; leaves oblong or ovate-lanceolate, to 1 inch long; flowers blue or mauve.

260131. *PROSTANTHERA LASIANTHOS* Labill.

Col. No. 414. Erect tree, to 60 feet high; bole single; flowers in racemes, white.

260132. *PROSTANTHERA OVALIFOLIA* R.Br.

Col. No. 417. Strongly scented dense, bushy shrub, to 5 feet high; leaves ovate to oblong, 0.5 inch long; flowers deep blue.

260133. *RAPANEA HOWITTIANA* F.Muell. Myrsinaceae.

Col. No. 677. Shapely evergreen tree to 60 feet high; bole clean, whitish-grey, to 18 inches thick; leaves glossy-green, ovate, to 2 inches long; flowers insignificant.

260134. *RULINGIA PARVIFLORA* Endl. Sterculiaceae.

Col. No. 1124. Erect, hairy shrub to several feet high; leaves broadly ovate, to 3 inches long, wrinkled; flowers to 10 inches in a cyme, white to greenish-white.

260135. *SIDEROXYLON AUSTRALE* (R.Br) Benth. & Hook. Sapotaceae.

Col. No. 1084. Tall tree; foliage glabrous except on young branches; leaves elliptical-oblong to ovate-oblong, to 4 inches long; flowers in axillary clusters.

260066 to 260142—Continued

260136. *STENOCARPUS SALIGNUS* R. Br. Proteaceae.

Col. No. 954. Tree to 30 feet high; leaves elliptical or ovate-lanceolate, to 4 inches long, glabrous; flowers in umbels of 10-20, creamy-white.

260137. *STRELITZIA ALBA* (L.f.) Skells. Musaceae.

Col. No. 670. No data.

260138. *SYNCARPIA PROCERA* (Salisb.) Domin. Myrtaceae.

Col. No. 803. Slender tree to 15 feet high; leaves in whorls, mostly broadly ovate, to 3 inches long; flowers white.

260139. *THOMASIA BRACHYSTACHYS* Turca. Sterculiaceae.

Col. No. 1127. Shrub to 3 feet high; branches spreading; foliage bright green; leaves cordate, to 3 inches long.

260140. *TIEGHEMOPANAX SAMBUCIFOLIUS* var. *ANGUSTIFOLIUS* A. J. Ewart Araliaceae.

Col. No. 66. Spindly shrub to 15 feet high; branches confined to upper parts of trunk; leaves compound, much dissected; flowers whitish-green, in umbels.

260141. *LOMATIA ILICIFOLIA* R.Br. Proteaceae.

Col. No. 941. Tree to 40 feet high; branches spreading; leaves to 6 inches long, dark green and hard; flowers insignificant.

260142. *ZIERIA SMITHII* Andr. Rutaceae.

Col. No. 1068. Tree to 25 feet high; leaves to 4 inches long, trifoliate, very aromatic; flowers small, white.

260143 and 260144.

From Australia. Cuttings presented by the Commonwealth Sugar Research Company, Sydney. Received August 24, 1959.

260143 *SACCHARUM* sp. Poaceae.

SES 352.

260144. *SACCHARUM* sp.

SES 356.

260145 to 260149. *SOLANUM TUBEROSUM* L. Solanaceae. **Potato.**

From Chile. Tubers presented by the Departamento Produccion Agraria Ministerio de Agricultura, Santiago. Received August 25, 1959.

260145. C.37 I-18.

260148. 'Corahila Larga'.

260146. 'Blanca Curaco'.

260149. 'Mantequilla I 82'.

260147. 'Cunca'.

260150 to 260163. *PYRUS COMMUNIS* L. Malaceae. **Pear.**

From France. Budsticks presented by the Institut National de la Recherche Agronomique Station de Recherches d'Arboriculture Fruitire, Angers. Received August 25, 1959.

260150. 'Alliance Franco'.

260157. 'General Le Clerc P. 406'.

260151. 'Belle Angevine'.

260158. 'Le Lectier I. 84'.

260152. 'Belle Picarde'.

260159. 'Louis Pasteur P. 459'.

260153. 'Bergamotte Esperen'.

260160. 'Marie Benoist P. 89'.

260154. 'Beurre Vanille'.

260161. 'Roi Sobieski P. 438'.

260155. 'Coscia S. 269'.

260162. 'Tonkowitzka P. 592'.

260156. 'General Koenig P. 405'.

260163. 'Van Marum P. 114'.

260164 to 260180.

From Japan. Seeds presented by the Botanical Garden, Osaka City University, Kisaichi, Osaka Prefecture. Received August 26, 1959.

260164. *HIBISCUS ACETOCELLA* Welw. Malvaceae.

260165. *HIBISCUS CANNABINUS* L.

Kenaf.

260166. *HIBISCUS ESCULENTUS* L.

Okra.

260167. *HIBISCUS HAMABO* Sieb. & Zucc.

260168. *HIBISCUS MANIHOT* L.

Dwarf type.

260169. *HIBISCUS MANIHOT* var. *DISSECTA* Mottet.

260170. *HIBISCUS MICRANTHUS* L.f.

260171. *HIBISCUS PEDUNCULATUS* L.f.

260172. *HIBISCUS SABDARIEFFA* L.

Roselle.

260173. *HIBISCUS SOLANDRA* L'Her.

260174. *HIBISCUS TRIONUM* L.

Flower-of-an-hour.

260175. *HIBISCUS* sp.

260176. *HIBISCUS* sp.

From the Himalaya Mountains. A wild form.

260177. *HIBISCUS* sp.

'Bhwatan'. A wild form.

260178. *HIBISCUS* sp.

'Kokio-Odher'. (cf. *H. radiatus*).

260179. *HIBISCUS* (hybrid).

'Denisonii'.

260180. *HIBISCUS* (hybrid).

Formerly from Kagawa.

260181 to 260185.

From Great Britain. Plants presented by the Royal Botanic Garden, Edinburgh, Scotland. Received August 26, 1959.

260181. *ASPARAGUS* sp. Convallariaceae.

260182. *ANTHURIUM VEITCHII* Mast. Araceae.

260183. *BEGONIA PRISMATOCARPA* Hook. Begoniaceae.

260184. *PELARGONIUM* (hybrid). Geraniaceae.

'Mrs. Blow'.

260185. *RANDIA MACULATA* DC. Rubiaceae.

260186 to 260192. SACCHARUM (hybrids). Poaceae. Sugarcane.

From Mauritius. Cuttings presented by the Mauritius Sugar Industry Research Institute, Reduit. Received August 27, 1959.

260186. M.31/45.

260190. M. 202/46.

260187. M.93/48.

260191. M. 253/48.

260188. M.129/43.

260192. M. 305/49.

260189. M.147/44.

260193 to 260200.

From Yugoslavia. Scions presented by the United States Operations Mission, Belgrade. Received August 27, 1959.

260193 and 260194. *PRUNUS ARMENIACA* L. Amygdalaceae. **Apricot.**

260193. 'Early Giant'. Tree productive; fruits firm, large, good quality, ripening after 'Phelps'.

260194. 'Japan Early'.

260195 to 260199. *PYRUS COMMUNIS* L. Malaceae. **Pear.**

260195. 'Abate Fetel'.

260196. 'Buttera Precoce Morettini'.

260197. 'Doyenne de Juillet'. Fruit good quality, softens quickly, very small.

260198. 'Santa Maria'. 'Bon Chretien Williams' × 'Cascia No. 29'. Tree vigorous productive intermediate between the parents in season of ripening; fruit yellowish with red blush; flesh tender translucent, sweet; the quality is as good as 'Williams'. Fruit said to be resistant to bruising.

260199. 'Shipova'. A fall ripening variety; fruit small; leaves applelike.

260200. *PYRUS* sp.

'Cherry Pear'. Ripe 2-3 weeks before the Mayflower peach, drops quickly; very small, fair quality.

260201 to 260205.

From Portugal. Bulbs and seeds collected by Elmo W. Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received August 27, 1959.

260201. *ALLIUM PORRUM* L. Liliaceae. **Leek.**

No. D 91. Seed stem 6 feet high; bulbs formed at base. Used as an ornamental.

260202 and 260203. *ALLIUM SATIVUM* L. **Garlic.**

260202. D 86. Balhao market, Porto. Cloves small, purple. (Bulbs).

260203. D 95. Lisboa market. Scales white; clove pink or white. (Bulbs).

260204. *CYNARA SCOLYMUS* L. Asteraceae. **Globe artichoke.**

D 96. Estacao Agronomica Nacional, Oeiras. Seed stem six feet high. (Seeds).

260205. *CYNARA* sp.

D 94. North of Lisbon on N 1, sough of Mares. Heads spiny; leaves narrow. (Seeds).

260206. *HEVEA BRASILIENSIS* (A. Juss.) Muell. Euphorbiaceae. **Para rubber tree.**

From Ceylon. Plants growing at the United States Plant Introduction Station, Miami, Florida. Numbered Aug. 27, 1959.

LCB-870. Rubber Research Institute. Outstanding for its resistance to *Oidium heveae*.

260207 to 260217. *SORGHUM BICOLOR* (L.) Moench Poaceae.

From Guadeloupe. Seeds presented by the Institut National de la Recherche Agronomiques, Domaine Duclas, Petit-Bourg. Received Aug. 29, 1959.

260207. 'Black Hull'. **260213.** 'Redbine'.

260208. 'Caprock'. **260214.** SH 1.

260209. 'Combine 60'. **260215.** SH 3.

260210. 'Darso 28'. **260216.** 40.

260211. 'Double Dwarf Sooner'. **260217.** 410 B.

260212. 'Early Hegari'.

260218 to 260220.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received Aug. 31, 1959.

- 260218.** *PENNISETUM ALOPECUROS* Steud. Poaceae.
No. 22649. The Institute of Genetics, Misima, Japan.
- 260219.** *PENNISETUM ALOPECUROIDES* (L.) Spreng.
No. 18190. Madras, India.
- 260220.** *PENNISETUM HOHENACKERI* Hochst.
No. 18192. Madras, India.

260221. *MEDICAGO SATIVA* L. Fabaceae. **Alfalfa.**

From France. Seeds presented by Maison C & G. Lecureur Freres, Paris. Received August 31, 1959.

260222 to 260231. *ZEA MAYS* L. Poaceae. **Corn.**

From Argentina. Seeds presented by the Estacion Experimental Agropecuaria de Tezanos Pinto, Tezanos Pinto. Received August 31, 1959.

- 260222.** L2316 T.P. Selfed 12 years.
- 260223.** L2303 T.P. Selfed 12 years.
- 260224.** L2370 T.P. Selfed 5 years.
- 260225.** L2313 T.P. Selfed 12 years.
- 260226.** L2311 T.P. Selfed 12 years.
- 260227.** L2369 T.P. Selfed 5 years.
- 260228.** L2312 T.P. Selfed 5 years.
- 260229.** L2349 T.P. Selfed 9 years.
- 260230.** L2317 T.P. Selfed 12 years.
- 260231.** L2310 T.P. Selfed 12 years.

260232 to 260240.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received August 31, 1959.

- 260232.** *CENTROSEMA PLUMIERI* (Turp.) Benth. Fabaceae.
C.P.I. No. 15414. Khartoum, Sudan.
- 260233.** *CENTROSEMA PUBESCENS* Benth.
260234 to 260239. *GLYCINE JAVANICA* L. Fabaceae.
- 260234.** C.P.I. 12600. Madras, India.
- 260235.** C.P.I. 13300. Southern Rhodesia.
- 260236.** C.P.I. 13420. Kenya.
- 260237.** C.P.I. 16417. Ibadan, Nigeria.
- 260238.** C.P.I. 16673. Southern Rhodesia.
- 260239.** C.P.I. 16830. South Africa.

260240. *STYLOSANTHES SUNDAICA* Taub. Fabaceae.

260241 and 260242. *MALUS SYLVESTRIS* Mill. Malaceae.**Common apple.**

From Canada. Scions presented by the Genetics and Plant Breeding Research Institute, Department of Agriculture, Ottawa. Received August 31, 1959.

- 260241.** 'Crimson Beauty'. Originated by Frances P. Sharp, Upper Woodstock, New Brunswick, who crossed 'New Brunswick' × 'Fameuse', about 1876. Tree is hardy and productive under most conditions. Fruit is high in color but ripens unevenly and requires several pickings. Recommended only for local trade.

260241 to 260242—Continued

260242. T-441. 'Crimson Beauty' × 'Red Melba', made by the Hort. Div., Central Experimental Farm. Tree apparently an annual bearer; fruit attractive, good, ripens two weeks before 'Melba'.

260243 to 260251.

From Germany. Seeds presented by the Weihenstephan Agricultural High School, Freising. Received August 31, 1959.

260243. *ALOPECURUS PRATENSIS* L. Poaceae. **Meadow foxtail.**
'Fuchsschivans'.

260244. *DACTYLIS GLOMERATA* L. Poaceae. **Orchardgrass.**
'Weihenstephaner'.

260245. *LOLIUM PERENNE* L. Poaceae. **Perennial ryegrass.**
'Weihenstephaner Wiesenschwingel'.

260246 and 260247. *MEDICAGO FALCATA* L. Fabaceae. **Yellow-flowered alfalfa.**

260246. 'Sichelluserne'.

260247. 'No. 1'.

260248. *MEDICAGO SATIVA* L. **Alfalfa.**
'Altfranken-Schmidt'.

260249. *TRIFOLIUM MEDIUM* Huds. Fabaceae. **Zigzag clover.**
'Mittlerer Waldrotklee'.

260250 and 260251. *TRIFOLIUM PRATENSE* L. **Red clover.**

260250. 'Oberhaunskidter'.

260251. 'Weihenstephaner'.

260252 to 260279.

From Ethiopia. Seeds presented by the Imperial Ethiopian College of Agriculture and Mechanical Arts, Dire Dawa. Received September 1, 1959.

260252. *BOTHRIOCHLOA INSCULPTA* (Hochst.) A. Camus Poaceae.
From Imperial Ethiopian College, Alemayo.

260253. *ELEUSINE CORACANA* (L.) Gaertn. Poaceae. **Ragi.**
From Lekempti area.

260254. *GLYCINE JAVANICA* L. Fabaceae.
From Alemayo.

260255. *GOSSYPIUM BARBADENSE* L. Malvaceae. **Sea-island cotton.**
From Tuka mountain, between Mayale and Mega.

260256 to 260264. *HORDEUM VULGARE* L. Poaceae. **Common barley.**

260256. No. B1. **260261.** No. B6.

260257. No. B2. **260262.** No. 9B.

260258. No. B3. **260263.** No. 10B.

260259. No. B4. **260264.** No. 11B.

260260. No. B5.

260265 and 260266. *HORDEUM VULGARE* var. *NIGRUM* (Willd.) Beaven **Six-rowed barley.**

260265. No. B7.

260266. No. B8.

260252 to 260279—Continued

- 260267.** *LINUM USITATISSIMUM* L. Linaceae. **Common flax.**
From Imperial Ethiopian College, Alemayo.
- 260268.** *LOTUS CORNICULATUS* L. Fabaceae. **Birdsfoot trefoil.**
- 260269 and 260270.** *MEDICAGO POLYMORPHA* var. *VULGARIS* (Benth.) Shinn. **California burclover.**
- 260269.** No. 6.
- 260270.** No. 9. From Imperial Ethiopian College, Alemayo.
- 260271.** *MELILOTUS ALBA* Dser. Fabaceae. **White sweetclover.**
No. 10.
- 260272.** *SESBANIA* sp. Fabaceae.
From Lekempti area.
- 260273.** *SORGHUM VERSICOLOR* Anderss. Poaceae. **Black sudangrass.**
From Imperial Ethiopian College, Alemayo.
- 260274 and 260275.** *SORGHUM BICOLOR* (L.) Moench
- 260274.** Imperial Ethiopian College, Alemayo.
- 260275.** 'Yellow Endosperm'.
- 260276.** *TRIFOLIUM* sp. Fabaceae.
No. 3.
- 260277.** *TRIFOLIUM* sp.
Purple-flowered clover.
- 260278.** *TRIFOLIUM TEMBENSE* Fres.
No. 2.
- 260279.** *VICIA* sp. Fabaceae.
No. 11. Wild vetch.

260280 to 260287.

From Argentina. Plants presented by Jardin Botanico, Santa Fe, Buenos Aires.
Received Sept. 1, 1959.

- 260280.** *HAWORTHIA ATTENUATA* (Haw.) Baker Liliaceae.
'Clariperla'.
- 260281.** *HAWORTHIA COOPERI* Baker
- 260282.** *HAWORTHIA LAETEVIRENS* Haw.
- 260283.** *HAWORTHIA MARGARITIFERA* (L.) Haw.
- 260284.** *HAWORTHIA RADULA* (Jacq.) Haw.
- 260285.** *HAWORTHIA RIGIDA* Haw.
- 260286.** *HAWORTHIA* sp.
- 260287.** *HAWORTHIA* sp.

260288. ALLIUM WAKEGI Araki. Liliaceae.

From Japan. Bulbs presented by the Biological Institute, Ehime University,
Matsuyama.

260289 to 260292.

From Israel. Plants growing at the United States, Plant Industry Station,
Glenn Dale, Md. Numbered September 3, 1959. Department of Botany,
Hebrew University, Jerusalem.

- 260289.** *TAMARIX JORDANIS* Boiss. Tamaricaceae.
- 260290.** *TAMARIX MANNIFERA* Ehrenb.

260289 to 260292—Continued**260291.** TAMARIX MARIS-MORTUI Gutm.**260292.** TAMARIX TETRAGYNA Ehrenb.**260293 to 260309.** SACCHARUM (hybrids). Poaceae.

From Cuba. Cuttings presented by Central Jaronu, Camaguey. Received September 4, 1959.

*(Saccharum × Erianthus)***260293.** No. 1.**260302.** No. 16.**260294.** No. 2.**260303.** No. 56-40-14-31.**260295.** No. 3.**260304.** No. 57-29-16-18.**260296.** No. 4.**260305.** No. 58-1-23-16.**260297.** No. 7.**260306.** No. 58-2-23-14.**260298.** No. 11.**260307.** No. 58-3-6-13.**260299.** No. 13.**260308.** No. 58-15.**260300.** No. 14.**260309.** No. 1958 seedlings.**260301.** No. 15.**260310 to 260361.** BETA VULGARIS L. Chenopodiaceae.**Common beet.**

From Great Britain and Ireland. Seeds collected by Dewey Stewart, Plant Industry Station, Beltsville, Md. Received September 4, 1959.

260310 to 260324. Wembury Bay, Devon, England.**260310.** DS 1.**260318.** DS 9.**260311.** DS 2.**260319.** DS 10.**260312.** DS 3.**260320.** DS 11.**260313.** DS 4.**260321.** DS 12.**260314.** DS 5.**260322.** DS 13.**260315.** DS 6.**260323.** DS 14.**260316.** DS 7.**260324.** DS 15.**260317.** DS 8.**260325 to 260332.** Newton Ferreres, Devon, England.**260325.** DS 16.**260329.** DS 20.**260326.** DS 17.**260330.** DS 21.**260327.** DS 18.**260331.** DS 22.**260328.** DS 19.**260332.** DS 23.**260333.** Dollymount, North Shore, Dublin Bay, Ireland.

DS 24.

260334 to 260349. Kilmore Quay Company, Wexford, Ireland.**260334.** DS 25.**260342.** DS 33.**260335.** DS 26.**260343.** DS 34.**260336.** DS 27.**260344.** DS 35.**260337.** DS 28.**260345.** DS 36.**260338.** DS 29.**260346.** DS 37.**260339.** DS 30.**260347.** DS 38.**260340.** DS 31.**260348.** DS 39.**260341.** DS 32.**260349.** DS 40.

260310 to 260361—Continued**260350 to 260361.** Castlegregory, Ireland.

260350. DS 41.	260356. DS 47.
260351. DS 42.	260357. DS 48.
260352. DS 43.	260358. DS 49.
260353. DS 44.	260359. DS 50.
260354. DS 45.	260360. DS 51.
260355. DS 46.	260361. DS 52.

260362 to 260371. *NICOTIANA TABACUM* L. Solanaceae.**Common tobacco.**

From Brazil. Seeds presented by the Instituto Agronomico do Estado de Sao Paulo, Campinas. Received September 4, 1959.

- 260362.** V. 254. 'Bahia'. Cigar tobacco.
260363. V. 728. 'Paulista'. Cigar tobacco.
260364. V. 362. 'Jorginho'. Twist tobacco.
260365. V. 380. 'Tiete'. Cigarette tobacco.
260366. V. 34. 'Chinez'. Cigarette tobacco.
260367. V. 690. 'Burley Campinas'. Burley tobacco.
260368. V. 66. 'Jorge Grande'. Twist tobacco.
260369. V. 192. 'Virginia'. Cigarette tobacco.
260370. V. 70. 'Goyano'. Twist tobacco.
260371. V. 1. 'Virginia'. Cigarette tobacco.

260372. *NICOTIANA DEBNEYI* Domin. Solanaceae.

From New Caledonia. Seeds presented by the South Pacific Commission Noumea. Received September 4, 1959.

260373 and 260374.

From the Netherlands. Culms and seeds collected by F. G. Meyer, agricultura, explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received September 4, 1959.

260373. *SINARUNDINARIA MURIELAE* (Gamble) Nakai Poaceae. **Bamboo.**

Col. No. 6651. Royal Moerheim Nurseries, Dedemsvaart. Clump type, culms to 12 feet high; tips arching. (Culms).

260374. *TROPAEOLUM SPECIOSUM* Poepp. & Endl. Tropaeolaceae. **Vermilion nasturtium.**

Col. No. 6682. Royal Moerheim Nurseries, Dedemsvaart. Rampant, herbaceous climber; stems succulent; leaves compound; flowers 2 inches across, scarlet; fruit china blue. (Seeds).

260375. *CITRUS GRANDIS* (L.) Osbeck. Rutaceae. **Pummelo.**

From China. Seeds presented by R. A. Hamilton, Taipei, Taiwan. Received September 8, 1959.

'Mado'. Not bitter under usual Formosa growing conditions.

260376. *CITRUS DEPRESSA* Hayata. Rutaceae.

From Japan. Seeds presented by R. A. Hamilton, Tokyo. Received September 8, 1959. Rootstock for citrus on Okinawa.

260377 and 260378. *THEOBROMA CACAO* L. Sterculiaceae. **Cacao.**

From Costa Rica. Seeds presented by the International Cooperation Administration, San Jose. Received September 8, 1959.

260377 and 260378—Continued

260377. 'Blanco'. Carretera de Ibicarai, Itabuma, Bahia, Brazil.

260378. 'Catongo'. Region de Itabuma, Bahia, Brazil.

260379 and 260380.

From Iran. Seeds and bulbs presented by R. Beckmann, Tehran. Received September 8, 1959.

260379. *ALLIUM* sp. Liliaceae.

260380. *ALLIUM* sp.

260381. ZEA MAYS L. Poaceae.**Corn.**

From Colombia. Seeds presented by the United States Agricultural Attache, Bogota. Received September 9, 1959.

'Cariaco'. From an Indian at Jamachiso. Matures in 45 days.

260382. SACCHARUM sp. Poaceae.

From the Island of Reunion. Cuttings presented by the Station d'Essai de la Bretagne, St. Denis. Received September 9, 1959.

R 397.

260383. BUXUS SEMPERVIRENS L. Buxaceae.**Common box.**

From Germany. Cuttings collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received September 9, 1959.

Col. No. 6798. 'Heinrich Bruns'. H. Bruns Nursery, Westersted, Oldenburg. Plant fastigate; excellent for hedges, as it requires no clipping.

260384 to 260393.

From Japan. Seeds presented by the Government Forest Experiment Station, Okidate, Aomori. Received September 9, 1959.

260384. *ACANTHOPANAX SCIADOPHYLLOIDES* Fr. et Sav. Araliaceae.
Province Mutsu.

260385 and 260386. *ILEX CRENATA* var. *PALUDOSA* Thunb. Aquifoliaceae.

260385. Aomori City.

260386. Province Mutsu.

260387. *ILEX MONTANA* var. *MACROPODA* (Miq.) Fernald
Shimokita Pen., Province Mutsu.

260388. *ILEX LEUCOCLADA* Maxim.
Mt. Hakkoda, Province Mutsu.

260389. *ILEX SUGEROKI* Maxim.
Mt. Hakkoda, Province Mutsu.

260390. *LILIUM CORDATUM* var. *GLEHNI* (Fr. Schm.) Woodcock Liliaceae.
Shimokita Pen., Province Mutsu.

Lily.

260391. *MYRICA GALE* L. Myricaceae.

Bayberry

'Tomentosa'. Mt. Hakkoda, Province Mutsu.

260392. *RUBUS MESOGAEUS* Focke Rosaceae.
Lake Towada, Province Mutsu.

260393. *SOLANUM NIGRUM* L. Solanaceae.
Aomori City.

Black nightshade.

260394 to 260421.

From Argentina, Bolivia, Brazil and Peru. Seeds collected by Paul G. Smith, University of California, Davis. Received September 10, 1959.

260394 to 260396. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

260394. M-1. Pera 20-60. Instituto Agronomica, Belo Horizonte, Brazil.

260395. M-2. 'Magnit Potente'. Instituto Nacional de Tecnologia Agropecuaria, Castelar, Buenos Aires, Argentina. Selection from variety 'Platense'.

260396. M-3. Trigal garden, Bolivia. Fruit red, flattened, small, fairly smooth. Local variety.

260397. *LYCOPERSICON ESCULENTUM* f. *PYRIFORME* (Dun.) C. H. Mull.

M-4. Trigal garden, Bolivia. Fruit small, pear shaped, yellow.

260398 to 260400. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

260398 and 260399. Trigal garden, Bolivia.

260398. M-5. Fruit small, flattened, rough, yellow.

260399. M-6. Fruit small, smooth sphere, yellow.

260400. M-8. Camiri market, Bolivia. Fruit 1.25 inches in diameter, round to oval; skin smooth.

260401. *LYCOPERSICON ESCULENTUM* f. *PYRIFORME* (Dun.) C. H. Mull.

M-9. Camiri market, Bolivia. Fruit 1.25 inches in diameter, round, yellow; skin smooth.

260402. *LYCOPERSICON ESCULENTUM* var. *CERASIFORME* (Dun.) A. Gray.

M-10. Tarapoto, Peru. Fruit small, cherry type.

260403. *LYCOPERSICON GLANDULOSUM* C. H. Mull.

M-11. Padilla garden, about 120 miles east of Sucre, Bolivia. Fruit 1 inch in diameter, spherical, yellow; skin smooth.

260404. *LYCOPERSICON ESCULENTUM* f. *PYRIFORME* (Dun.) C. H. Mull.

M-7. University of Cochabamba, Cochabamba, Bolivia. Fruit small, egg-shaped.

260405 to 260417. *PHASEOLUS LUNATUS* L. Fabaceae. **Lima bean.**

260405 to 260413. From Peru.

260405. PV-1. Roadside, both sides of San Rafael village. April 21, 1959. Trailing vine growing on rocky hillside.

260406. PV-2. Along water course on dry, rocky hillside, 25 miles east of Tarma. Wild plant.

260407. PV-7. Along water course on dry, rocky hillside, 25 miles east of Tarma. Wild plant.

260408. PL-1. Lima-Oroye road, 48 miles east of Lima.

260409. PL-2. Hacienda, 7 miles south of Huanuco.

260410. PL-3. Hacienda, 7 miles south of Huanuco.

260411. PL-8A. 'Arvita'. Iquitos garden.

260412. PL-8B. Roadside from railroad station to Maccu Picchu ruins.

260413. PL-9. Tarapoto garden.

260414 to 260417. Bolivia.

260414. PL-4. Cochabamba yard.

260415. PL-5. Bermejo yard, 90 km. west of Santa Cruz.

260416. PL-6. La Paz-Chulumani road.

260417. PL-7. Near Ipati, 45 km. north of Camiri.

260394 to 260421—Continued

260418 to 260421. PHASEOLUS VULGARIS L. Common bean.
From Bolivia.

260418. PV-3. Sucre market.

260419. PV-4. 'Cumana'. Garden near Ipati.

260420. PV-5. Sucre market.

260421. PV-6. Zudanex, 105 km. southeast of Sucre. Used as playthings by children.

260422. PHYLLOSTACHYS VIOLASCENS A. & C. Riviere Poaceae.
Violet bamboo.

From Germany. Rhizomes presented by Armin K. Hummel, Hoefingen near Stuttgart. Received September 11, 1959.

260423 and 260424.

From the Panama Canal Zone. Seeds presented by the Summit Gardens, Balboa Heights. Received September 14, 1959.

260423. BROWNEA MACROPHYLLA Masters Caesalpiniaaceae.

260424. PARMENTIERA CEREIFERA Seem. Bignoniaceae. **Candletree.**

260425 to 260441.

From Argentina and Bolivia. Seeds collected by Paul G. Smith, University of California, Davis. Received September 14, 1959.

260425. CAPSICUM CARDENASII Heiser & Smith Solanaceae.

Col. No. 406. 'Ulupica'. La Paz market, Bolivia. Fruit 0.5 inches in diameter, spherical, red.

260426 to 260433. CAPSICUM CHACOENSE Hunziker

260426 to 260429. Argentina.

260426. Col. No. 183. 'Puta Pario'.

260427. Col. No. 184. Brushy grazing land, 20 miles north of Cordoba.

260428. Col. No. 186. Zapallar area, near Coronel Moldes, Salta.

260429. Col. No. 189. Brushy grazing land, 8-10 miles east of La Coche, Tucuman.

260430 to 260433. Bolivia.

260430. Col. No. 275. 'Arivivi'. Thorn brush pasture, Pulquina, near Comarapa.

260431. Col. No. 277. 'Arivivi'. Thorn brush pasture, Pulquina, near Comarapa.

260432. Col. No. 339. Villa Montes market.

260433. Col. No. 340. Villa Montes Hotel.

260434. CAPSICUM MICROCARPUM Car.

Col. No. 344. Palo Blanco, west of Villa Montes.

260435. CAPSICUM CHACOENSE Hunziker

Col. No. 345. Palo Blanco.

260436. CAPSICUM sp.

Col. No. 347. 'Arivivi'. Tarija market.

260437 and 260438. CAPSICUM CHACOENSE Hunziker

260437. Col. No. 348. 'Arivivi'. Tarija market.

260438. Col. No. 356. Sucre.

260425 to 260441—Continued**260439.** *CAPSICUM* sp.

Col. No. 357. 'Ulupica'. Sucre, Bolivia.

260440 and 260441. *CAPSICUM EXIMIUM* Hunziker**260440.** Col. No. 276. 'Ulupica'. Thorn brush pasture, Palquina, near Santa Cruz, Bolivia.**260441.** Col. No. 350. 'Ulupica'. Tarija market, Bolivia.**260442 to 260447.**

From Austria. Seeds collected by Elmo W. Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received September 15, 1959.

260442. *ALLIUM ASCALONICUM* L. Liliaceae.**Shallot.**

Col. No. D 175. Medicinal garden of Bayerische Staatliche Lehr- und Forschungsanstalt für Gartenbau, Weißenstephan bei, Freising.

260443. *ALLIUM AMPELOPRASUM* L.

Col. No. D 176. 'White Pearl'. Medicinal garden of Bayerische Staatliche Lehr- und Forschungsanstalt für Gartenbau, Weißenstephan bei, Freising. Bulbs small, used to make small pickled onions.

260444. *ALLIUM ROTUNDUM* L.

Col. No. D 151. Hortus Botanicus, Universitatia Vendobonensis, Rennweg.

260445. *ALLIUM SATIVUM* L.**Garlic.**

Col. No. D 150. Vienna market. Cloves medium size; white.

260446. *ALLIUM* sp.

Col. No. D 192. Near Spittal, Karnten. Flat leaf, divides at base.

260447. *ALLIUM* sp.

Col. No. D 92. No field note.

260448 to 260612.

From Argentina, Bolivia, Brazil and Peru. Seeds collected by Paul G. Smith, University of California, Davis, California. Collected March to June 1959.

260448 to 260456. *CAPSICUM ANNUUM* L. Solanaceae.**Pimento.**

From Argentina.

260448. Col. No. 181. Tucuman market. Fruit 2 by 1 inches, tapering, pointed, red.**260449 to 260456.** Instituto Nacional de Tecnología Agropecuaria, Argentina.**260449.** Col. No. 187.**260450.** Col. No. 195. Fruit 0.5 by 0.75 inches long, cherry shape, red.**260451.** Col. No. 196. Fruit 5 by 1 inches, red.**260452.** Col. No. 197. Fruit 1 inch long, conic, red.**260453.** Col. No. 198. Fruit 6 by 7 inches, slender, red.**260454.** Col. No. 199. Fruit 4 inches long, conic, red.**260455.** Col. No. 200. Fruit 3 by 1.5 inches long, blunt, red.**260456.** Col. No. 201. Fruit 2 inches long, tomato-shaped, red, sweet. Typical "paprika" from Spain.**260457.** *CAPSICUM PENDULUM* Willd.

Col. No. 202. Fruit about 1.25 inches in diameter, tomato-shaped, red, sweet.

260448 to 260612—Continued

260458 and 260459. *CAPSICUM FRUTESCENS* L. **Redpepper.**

Belo Horizonte market, Brazil. Said to come from northern part of Minas Gerais.

260458. Col. No. 214. 'Malagueta'. Fruit 0.75 to 0.25 inches long, pointed, red.

260459. Col. No. 218. 'Malagueta'. Fruit 1 inch long, slender, red. From Peru.

260460. *CAPSICUM* sp.

Col. No. 229. Tarma market. Said to be from Chanchomaya Valley, San Ramon. Fruit mixture of various shapes, red.

260461 to 260463. *CAPSICUM PENDULUM* Willd.

260461. Col. No. 230. Tarma market. Said to be from San Ramon area. Fruit 1.25 inches long, pointed, heart shape, red.

260462. Col. No. 231. Tarma market. Said to be from San Ramon area. Fruit 1.5 inches long, slender, red.

260463. Col. No. 232. Tarma market. Said to be from San Ramon area. Fruit 3 inches long, slender, red.

260464 to 260477. *CAPSICUM SINENSE* L.

260464. Col. No. 233. San Rafael market. Fruit 3 inches long, slender, yellow.

260465. Col. No. 234. San Rafael market. Fruit 3.5 inches long, red; flesh thick.

260466. Col. No. 236. Huanuco market. Fruit 1 inch long, nearly spherical, brown, rough.

260467. Col. No. 237. Huanuco market. Fruit to 4 inches long, slender, yellow.

260468. Col. No. 238. Huanuco market. Fruit to 3 inches long, slender, red.

260469. Col. No. 239. Small farm about 20 miles south of Tingo Maria. Fruit 1.25 by 0.5 inch long, red, rough.

260470. Col. No. 240. Small farm about 20 miles south of Tingo Maria. Fruit 1.25 by 0.5 inch long, top-shaped, red, rough.

260471. Col. No. 241. Small farm about 20 miles south of Tingo Maria. Fruit 3 by 1 inches long, pointed, yellow.

260472. Col. No. 242. Small farm about 20 miles south of Tingo Maria. Fruit 1 inch wide by 0.75 inches long, flattened; yellow.

260473. Col. No. 243. State Tourist Hotel grounds, Tingo Maria. Fruit 1 by 0.75 inches long, round pointed, with soft flesh gene; red.

260474. Col. No. 244. State Tourist Hotel grounds, Tingo Maria. Fruit 1 inch long, top-shaped; yellow.

260475. Col. No. 245. State Tourist Hotel grounds, Tingo Maria. Fruit 3 by 1 inches long, pointed; red.

260476. Col. No. 246. Coffee plantation, 10 miles north of Tingo Maria. Fruit 4 by 0.75 inches long; red deep.

260477. Col. No. 247. Coffee plantation, 10 miles north of Tingo Maria. Fruit 2.5 by 0.75 inches long; yellow.

260478 to 260481. *CAPSICUM FRUTESCENS* L. **Redpepper.**

260478. Col. No. 252. 'Aji Chuncho'. Yard 5 miles west San Ramon, Juniu province. Fruit 0.65 inches long, slender; red. Typical uncultivated form.

260448 to 260612—Continued**260478 to 260481—Continued**

260479. Col. No. 253. 'Aji Chuncho'. Yard 0.5 mile east San Ramon, Juniu province. Fruit 0.65 inch long, slender; red. Typical uncultivated form.

260480. Col. No. 254. 'Aji Chuncho'. Five miles east San Ramon. Fruit 0.65 inch long, slender; red. Typical uncultivated form.

260481. Col. No. 255. 'Aji Chuncho'. Fruit 0.65 inch long, slender; red. Typical uncultivated form.

260482 to 260486. CAPSICUM SINENSE L.

260482. Col. No. 259. Yard 18 miles north San Ramon, Juniu province. Fruit 1 by 0.75 inches long, small pear-shaped, red.

260483. Col. No. 260. Yard 18 miles north San Ramon, Juniu province. Fruit 1.5 by 1 inches long, top-shaped, red.

260484. Col. No. 261. Entrance to Perene colony, Juniu province. Fruit 0.75 by 0.75 inch long, small top-shaped; red.

260485 and 260486. From Bolivia.

260485. Col. No. 292. 'Locoto'. Warnes, 20 miles north Santa Cruz. Fruit 2.5 inches long, plum-shaped, red; thick, flesh.

260486. Col. No. 306. 'Portachuela'. Yard about 54 miles northwest Santa Cruz.

260487. CAPSICUM FRUTESCENS L.**Redpepper.**

Col. No. 307. Yard near Palometillo, 50 miles northwest of Santa Cruz. Fruit 0.65 inch elongated.

260488. CAPSICUM ANNUM L.**Pimento.**

Col. No. 308. Yard near Palometillo, 50 miles northwest of Santa Cruz. Fruit slightly larger than P.I. 260487.

260489 and 260490. CAPSICUM FRUTESCENS L.**Redpepper.**

260489. Col. No. 311. Buena Vista, 54 miles northwest of Santa Cruz. Fruit 0.65 inch long, slender; red.

260490. Col. No. 312. Buena Vista, 54 miles northwest of Santa Cruz. Fruit 1 by 1.5 inches long, slender red.

260491 to 260493. CAPSICUM SINENSE L.

260491. Col. No. 313. Buena Vista, 54 miles northwest of Santa Cruz. Fruit 1 by 1.5 inches long, spherical, red; rough.

260492. Col. No. 318. Cochabamba market. Fruit 3 by 1 inch, red; thick fleshed.

260493. Col. No. 319. Cochabamba market. Fruit 2.5 by 0.75 inch long, yellow.

260494. CAPSICUM FRUTESCENS L.**Redpepper.**

Col. No. 360. Puente Villa, 62 miles north east of La Paz. Fruit 0.65 inch long, slender; red.

260495 to 260530. From Peru. June 1959.**260495. CAPSICUM SINENSE L.**

Col. No. 368. 'Charpita' or 'Charapilla'. Iquitos market. Fruit 0.25 inch, spherical, red; soft flesh.

260496 and 260497. CAPSICUM FRUTESCENS L.**Redpepper.**

260496. Col. No. 364. 'Malagueta'. Yard 2.5 miles north Iquitos, road to Rio Nanay. Fruit 0.65 inch long, red.

260497. Col. No. 365. 'Malagueta'. Iquitos market. Fruit 0.65 inch long, slender, red.

260448 to 260612—Continued

260495 to 260530—Continued

260498 to 260504. *CAPSICUM SINENSE* L.

260498. Col. No. 366. 'Charapita' or 'Charapilla'. Iquitos market. Fruit 0.25 inch, spherical, red; soft flesh gene.

260499. Col. No. 367. 'Charapita' or 'Charapilla'. Iquitos market. Fruit 0.25 inch long, spherical, red; soft flesh gene.

260500. Col. No. 369. Garden on Padre Island, opposit Iquitos. Fruit 0.25 inch long, spherical, red; firm flesh gene.

260501. Col. No. 370. 'Charapita' or 'Charapilla'. Iquitos market. Fruit 0.25 inch long, yellow; flesh firm.

260502. Col. No. 371. Iquitos market. Fruit 0.25 inch, yellow; flesh firm.

260503. Col. No. 372. Small farm 2 miles north Iquitos, road to Rio Nanay. Fruit 0.25 inch long, yellow; flesh firm.

260504. Col. No. 373. Small farm, 3 miles north of Iquitos, road to Rio Nanay. Fruit 0.25 inch, yellow; flesh firm.

260505. *CAPSICUM FRUTESCENS* L.

Redpepper.

Col. No. 374. 'Malagueta'. Tarapoto. Several locations in town. Fruit 0.65 inch long, slender, red.

260506. *CAPSICUM PENDULUM* Willd.

Col. No. 376. 'Ayuyu'. Iquitos market. Fruit 1 by 0.75 inches long, rounded top-shaped, red.

260507 to 260526. *CAPSICUM SINENSE* L.

260507. Col. No. 377. 'Malagueta'. Small farm 2.5 miles north of town on road to Rio Nanay. Fruit 1.5 by 0.65 inches long, orange-yellow; very irregular.

260508. Col. No. 378. 'Misquiucho Pequeno'. Iquitos garden. Fruit 0.75 by 0.25 inches, tapering to both ends; red.

260509. Col. No. 379. 'Misquiucho Grande'. Iquitos garden. Fruit 2.5 by 1 inch, red, irregular.

260510. Col. No. 384. 'Misquiucho'. Iquitos market.

260511. Col. No. 380. Iquitos yard, end of Rio Nanay road. Fruit 0.75 by 0.25 inch, tapering, red; flesh firm.

260512. Col. No. 381. Iquitos garden. Fruit 2 inches long, slender, tapering, red.

260513. Col. No. 382. 'Aji Dulce'. Iquitos market and gardens. Fruit 1.5 inches long, 2 inches wide, rough and corrugated, red. Common pepper in area.

260514. Col. No. 383. 'Misquiucho'. Granja Experimental SCIPA, 3 miles south Iquitos. Fruit 1.5 inches, tapering to both ends, red.

260515. Col. No. 385. Iquitos garden. Fruit 0.5 inch long, top-shaped, red.

260516. Col. No. 386. 'Pucumaucho'. Iquitosmarket. Similar to P.I. 260507.

260517. Col. No. 387. 'Misquiucho'. Iquitos market. Fruit 1.25 by 0.25 inches, slender, red.

260518. Col. No. 388. 'Misquiucho'. Iquitos garden. Fruit 1 inch long, double tapering, red.

260519. Col. No. 390. Tarapoto yard. Fruit 1.5 inches long, rough, top-shaped, red.

260448 to 260612—Continued**260495 to 260530—Continued****260507 to 260526—Continued**

260520. Col. No. 395. Puerto Maldonado market. Fruit 2.5 by 3 inches, slender, red.

260521. Col. No. 396. Puerto Maldonado market. Fruit 4 by 1 inch, yellow.

260522. Col. No. 397. Puerto Maldonado market. Fruit 1.25 inches, slender top-shaped, red.

260523. Col. No. 398. Puerto Maldonado garden. Fruit 4 by 1 inch, rough, pointed, red.

260524. Col. No. 399. Puerto Maldonado yard. Fruit 1.5 by 1 inches, rugose, red.

260525. Col. No. 400. Puerto Maldonado yard. Fruit 2.5 by 1 inches, orange.

260526. Col. No. 401. Puerto Maldonado yard. Fruit 1 by 1.5 inches, flesh soft, medium thick.

260527. CAPSICUM FRUTESCENS L. Redpepper.

Col. No. 402. Puerto Maldonado yard. Fruit 1 inch, tapering, soft flesh gene, red.

260528. CAPSICUM SINENSE L.

Col. No. 403. 'Rocoto'. Puerto Maldonado yard. Fruit 2.5 by 0.75 inches, flesh thick, red.

260529 and 260530. CAPSICUM FRUTESCENS L. Redpepper.

260529. Col. No. 404. 'Malagueta'. Puerto Maldonado yard. Fruit 0.65 inches, slender, red.

260530. Col. No. 405. 'Malagueta'. Yard 3 miles west of Puerto Maldonado. Fruit 0.65 inch long, slender, red.

260531. CAPSICUM ANNUM L. Pimento.

Col. No. 408. 'Magidas Cruzes 1-2-199'. Instituto Agronomico, Campinas, Brazil. Sweet bell pepper.

260532. CAPSICUM SINENSE L.

Col. No. 411. Cultivated in field at Km. 50 southeast of Luria in Lurin Valley, Peru. Fruit to 5 inches long, pointed or blunt, brown.

260533. CAPSICUM MICROCARPUM Cav. Solanaceae.

Col. No. 205. Weed in cornfield 35 miles north of Porto Alegre, La Jeadinho district, Brazil.

260534 to 260552. CAPSICUM PENDULUM Willd. Solanaceae.**260534 to 260540. From Argentina.**

260534. Col. No. 182. 'Pimento Para Vinagre'. Tucuman market. Fruit to 5 inches long, slender, fairly smooth. Sold in mature green stage for pickles.

260535. Col. No. 188. 'Aji Picante'. Stock from INTA Station, Coronel Moldes, Salta.

260536. Col. No. 190. Selection #1231, INTA Station, Coronel Moldes, Salta. Grown by Indians in Calchaqui Valley.

260537. Col. No. 191. Home garden, 9 miles east of La Coche, Tucuman province. Fruit 2.5 inches long, slender, red.

260538. Col. No. 192. Stock #1236, INTA Station, Coronel Moldes, Salta. Seed from Calchaqui Valley.

260448 to 260612—Continued**260534 to 260552—Continued****260534 to 260540—Continued**

- 260539.** Col. No. 193. Stock #1238, INTA Station, Coronel Moldes, Salta. Fruit 6 inches, fairly smooth, red.
- 260540.** Col. No. 194. Stock #1242, INTA Station, Coronel Moldes, Salta. Fruit 6 inches, slender, irregular, red.
- 260541.** Col. No. 208. 'Malagueta'. Porto Alegre market, Brazil. Fruit 2.5 by 0.5 inches, slender, red.
- 260542.** Col. No. 209. 'Malagueta'. Porto Alegre market, Brazil. Fruit 2.75 by 0.75 inches, pointed, red.
- 260543.** Col. No. 210. 'Malagueta'. Porto Alegre market, Brazil. Fruit 1.25 by 0.72 inches, red.
- 260544.** Col. No. 211. 'Malagueta'. Yard 35 miles north Porto Alegre, La Jeadinho district, Brazil. Fruit 1.75 to 0.75 inches long, pointed, red.
- 260545.** Col. No. 212. 'Malagueta'. Store near San Francisco de Paula, Brazil. Fruit 1.25 inches long by 2 inches wide, more or less turban-shaped, much distorted, red.
- 260546.** Col. No. 213. 'Malagueta'. Store near San Francisco de Paula, Brazil. Fruit 0.75 inches long, rough, spherical.
- 260547.** Col. No. 219. 'Dedo de Moca' or 'Girls Finger'. Yard, Vicosa, Minas Gerais, Brazil. Fruit 1.75 inches long, slender, pointed, red.
- 260548.** Col. No. 223. 'Pitanga'. Yard, Vicosa, Minas Gerais, Brazil. Fruit small, truncate, conic, red.
- 260549 to 260552.** From Peru. Collected April 1959.
- 260549.** Col. No. 248. Coffee plantation, 10 miles north of Tingo Maria. Fruit 0.65 inches long, slender, top-shaped, red.
- 260550.** Col. No. 249. 'Aji Chivato'. Two miles south of Oxapampa, Department of Pasco. Fruit 0.65 inches long, oval, red, with soft flesh gene.
- 260551.** Col. No. 250. Yard 1.5 miles south of Oxapampa. Fruit 0.65 by 0.75 inches long, oval, with soft flesh gene. Similar to P.I. 260550.
- 260552.** Col. No. 251. Yard 2 miles south of Huancabamba. Same as P.I. 260550 and 260551.

260553. CAPSICUM sp.

Col. No. 258. Yard 17 miles north San Ramon, Peru. Fruit 3 by 1.25 inches, pointed, rough, red.

260554 to 260556. CAPSICUM PENDULUM Willd.

- 260554.** Col. No. 256. Yard 11 miles north of San Ramon, Peru. Fruit 2 by 0.75 inches, pointed; red.
- 260555.** Col. No. 257. Yard 11 miles north of San Ramon. Fruit 1 by 0.75 inches, top-shaped; yellow.
- 260556.** Col. No. 262. Yard 11 miles north of San Ramon. Fruit 2.5 by 0.5 inches, slender; red.

260557 and 260558. CAPSICUM SINENSE L.

- 260557.** Col. No. 263. Yard 11 miles north of San Ramon. Fruit 2 by 1.5 inches, blunt, heart shaped; red.
- 260558.** Col. No. 264. Same as P.I. 260484. Fruit 1.5 by 1.5 inches, top-shaped; red.

260448 to 260612—Continued

260559 to 260589. From Bolivia.

260559 to 260564. *CAPSICUM PENDULUM* Willd.

260559. Col. No. 278. Trigal yard, south of highway between Comarapa and Samaipata, Department of Santa Cruz. Fruit 4 inches long; red.

260560. Col. No. 279. Trigal yard, south of highway between Camarapa and Samaipata, Department of Santa Cruz. Fruit 3.5 inches long, slender; yellow.

260561. Col. No. 280. Pampa Grande store, Cochabamba highway, Department Santa Cruz. Fruit 5 to 7 inches long, slender, red.

260562. Col. No. 289. Yard 22 miles west of Santa Cruz. Fruit 4 inches long, medium slender; red.

260563. Col. No. 291. Warnes, 21 miles north of Santa Cruz. Fruit 2.5 inches, slender; yellow.

260564. Col. No. 294. From Servicio Agrícola Inter-Americano (SAI) livestock station, 31 miles north of Santa Cruz. Fruit 2.5 inches long, slender; red.

260565. *CAPSICUM* sp.

Col. No. 295. From Hacienda near Saavedra, 38 miles north of Santa Cruz. Fruit 3.5 inches long, pointed; red.

260566 to 260576. *CAPSICUM PENDULUM* Willd.

260566. Col. No. 299. Near Saavedra, 38 miles north of Santa Cruz. Fruit to 7 inches long, slender; red.

260567. Col. No. 300. Near Saavedra, 38 miles north of Santa Cruz. Fruit 4 inches long, yellow.

260568. Col. No. 301. Hacienda near Saavedra, 38 miles north of Santa Cruz. Fruit to 3.5 inches long, orange.

260569. Col. No. 302. Hacienda near Saavedra, 38 miles north of Santa Cruz. Fruit 2.5 inches long, yellow.

260570. Col. No. 303. Hacienda near Saavedra, 38 miles north of Santa Cruz. Fruit 3 inches long, slender, red.

260571. Col. No. 304. Hacienda near Saavedra, about 38 miles north of Santa Cruz. Fruit to 6 inches long, slender, brown.

260572. Col. No. 305. 'Portachuela'. Yard, 49 miles northwest of Santa Cruz. Fruit 1 inch long, red, with soft flesh gene.

260573. Col. No. 309. Palometilla, 44 miles northwest of Santa Cruz. Fruit 3 inches long, slender, yellow.

260574. Col. No. 310. Palometilla, 44 miles northwest of Santa Cruz. Fruit less than 1 inch long, small spherical to top-shaped, red.

260575. Col. No. 315. Buena Vista. Fruit to 1.5 inches long, slender, red.

260576. Col. No. 316. Buena Vista. Fruit 2.5 inches long, slender, red.

260577. *CAPSICUM SINENSE* L.

Col. No. 317. Buena Vista. Fruit 3 inches long, pointed, red.

260578 to 260593. *CAPSICUM PENDULUM* Willd.

260578. Col. No. 322. Padilla yard, east of Sucre. Fruit 4 inches long, red.

260579. Col. No. 323. Padilla market. Fruit yellow.

260580. Col. No. 324. Padilla market. Fruit to 5 inches long, red.

260581. Col. No. 331. Yard, 17 miles north of Camiri. Fruit 2 inches long, slender, red and yellow colors mixed.

260448 to 260612—Continued**260559 to 260589—Continued****260578 to 260593—Continued**

260582. Col. No. 332. Camiri market. Said to be from Muypampa (Vaca Guzman) area.

260583. Col. No. 335. Villa Montes market. Fruit 5 inches long, slender.

260584. Col. No. 343. Villa Montes hotel.

260585. Col. No. 346. 'Kovinchu'. Entre Rios store, east of Tarija. Fruit 7 inches long, medium slender, red.

260586. Col. No. 352. Tarija market. Fruit 3.5 inches long, slender, orange.

260587. Col. No. 353. Tarija market. Fruit 3 inches long, yellow.

260588. Col. No. 354. Tarija market. Fruit 6 inches long, red, medium thick.

260589. Col. No. 355. Tarija market. Fruit 3.5 inches long, red.

260590. Col. No. 389. 'Chayua Ruso'. Iquitos garden, Peru. Fruit 3 by 50. inches, moderate-smooth, slender, red.

From Brazil.

260591. Col. No. 407. Belo Horizonte market. Fruit 1 inch long, truncate, top-shaped, red.

260592. Col. No. 409. Comun I. 1.158. Instituto Agronomico, Campinas.

260593. Col. No. 410. 'Malagueta I-2.723'. Instituto Agronomico, Campinas.

260594 to 260596. CAPSICUM PRAETERMISSUM Heiser & Smith

From Brazil.

260594. Col. No. 220. 'Combari'. Vicoso, Minas Gerais. Fruit 0.65 inches long, oval, red.

260595. Col. No. 221. 'Goat Pepper'. From Bot. Gdn. School of Agr., Vicoso, Minas Gerais. Fruit 0.25 inches long, spherical, red.

260596. Vol. No. 222. From Bot. Gdn. School of Agr., Vicoso, Minas Gerais. Fruit spherical, smaller than PI 260595.

260597 to 269609. CAPSICUM PUBESCENS Ruiz. & Pav.

From Peru.

260597. Col. No. 225. Farm 3 miles west of Tarma. Fruit 3 by 1.25 inches, elongated, flattened, red.

260598. Col. No. 226. Tarma market. Fruit 3 by 1.25 inches, flattened, yellow.

260599. Col. No. 227. Tarma market. Fruit large, yellow.

260600. Col. No. 228. Tarma market. Fruit 2.5 by 2.5 inches, flat, red.

260601. Col. No. 235. Hacienda Vicheycocho, 7 miles south of Huanuco. Fruit mixture of shapes, red.

260602. Col. No. 265. Yard 2 miles south of Oxapampa, Department of Pasco. Fruit 3.5 by 2.5 inches, irregular, yellow.

260603. Col. No. 226. 'Aji Chuncho'. Entrance to Perene colony, Tarma-Oxapampa road. Fruit 2 by 1.25 inches long, heart shaped, slender, red; smooth.

From Bolivia.

260604. Col. No. 282. 'Locoto'. Yard near Samaipata, Dept. Santa Cruz. Fruit 1.25 inches, oval, red.

260448 to 260612—Continued**260597 to 269609—Continued**

260605. Col. No. 283. 'Locoto'. Yard near Samaipata, Dept. Santa Cruz. Fruit 2.5 by 1 inches, elongate, red.

260606. Col. No. 284. 'Locoto'. Yard near Samaipata, Dept. Santa Cruz. Fruit 1 inch, oval, red.

260607. Col. No. 288. 'Locoto'. Yard, Bermejo, 49 miles west of Santa Cruz. Fruit 1 inch to 1.5 inches long, small, pear-shaped, red.

260608. Col. No. 320. Sucre hotel grounds. Fruit 2 by 2 inches, flattened, orange-yellow.

260609. Col. No. 359. Road to Chulumani, 36 miles northeast of La Paz. Fruit 1.5 inches long, oval, red.

260610. *CAPSICUM SINENSE* L.

Col. No. 298. From hacienda near Saavedra, 38 miles north of Santa Cruz. Fruit 3 by 1 inch, pointed, red.

From Brazil.

260611. *CAPSICUM ANNUUM* L.

Col. No. 215. 'Combari'. Belo Horizonte market. Fruit 0.65 inches, pointed, spherical, red.

260612. *CAPSICUM* sp.

Col. No. 216. 'Combari'. Belo Horizonte market.

260613 *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae. **Sweetpotato.**

From Brazil. Tubers presented by the Escola Superior de Agricultura, Lavras, Minas Gerais. Received Sept. 17, 1959.

260614 *ZEA MAYS* L. Poaceae.**Corn.**

From Kenya. Seeds presented by the Plant Breeding Station, Njoro. Received September 17, 1959.

'Kitale Maize Synthetic II'.

260615. *PRUNUS ILICIFOLIA* (Nutt.) Walp. Amygdalaceae.**Hollyleaf cherry.**

From California. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received September 21, 1959.

Col. No. 17793. 'Jacumba'. Evergreen ornamental shrub.

260616. *AVENA SATIVA* L. Poaceae.**Common oats.**

From Brazil. Seeds presented by the Instituto Agronomico do Sul, Pelotas, Rio Grande do Sul. Received September 21, 1959.

'Amarela 5282 FB 32'.

260617 to 260642.

From India. Seeds presented by the Division of Botany, Indian Agricultural Research Institute, New Delhi. Received September 21, 1959.

260217 to 260638. *CARTHAMUS TINCTORIUS* L. Asteraceae.**Safflower.****260617.** S.F. 1.**260623.** S.F. 18.**260618.** S.F. 4.**260624.** S.F. 21.**260619.** S.F. 5.**260625.** S.F. 23.**260620.** S.F. 12.**260626.** S.F. 26.**260621.** S.F. 13.**260627.** S.F. 29.**260622.** S.F. 14.**260628.** S.F. 30.

260617 to 260642—Continued**260217 to 260638—Continued**

- | | |
|--------------------------------------|----------------------------------|
| 260629. 61-14. | 260634. 6. |
| 260630. 'Kopargaon 51-21-20'. | 260635. A-300. |
| 260631. 51-13-10. | 260636. 'Jawargi-3'. |
| 260632. 'Indi-490'. | 260637. N-62-8. |
| 260633. N-630. | 260638. 'Osamanabad 4-5'. |
- 260639.** *DIGITARIA SANGUINALIS* (L). Scop. Poaceae. **Hairy crabgrass.**
EC 9716.
- 260640.** *DIGITARIA ISCHAEMUM* (Schreb.) Muhl. **Smooth crabgrass.**
EC 8903.
- 260641.** *DIGITARIA* sp.
EC 2141.
- 260642.** *INDIGOFERA TINCTORIA* L. Fabaceae. **True indigo.**
L. W. 171.

260643 to 260645.

From the Island of Reunion. Seeds presented by the Services Agricoles de la Reunion. Received Sept. 21, 1959.

- 260643.** *COFFEA ARABICA* L. Rubiaceae. **Arabian coffee.**
- 260644.** *COFFEA ARABICA* var. *LAURINA* Cramer
- 260645.** *COFFEA ARABICA* var. *MURTA* Cramer

260646 to 260648.

From Greece. Seeds collected by Father Kleme, Mount Athos area. Received September 21, 1959.

- 260646.** *TRIFOLIUM CAMPESTRE* Schreb. Fabaceae. **Large hopclover.**
'Robustis'.
- 260647.** *TRIFOLIUM REPENS* L. **Whiteclover.**
'Sylvestre'.
- 260648.** *TRIFOLIUM FRAGIFERUM* L. **Strawberry clover.**
'Athos'.

260649 to 260653.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received Sept. 21, 1959.

- 260649 to 260651.** *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**
- 260649.** Col. No. 1219. 'Arbakesha'. From Central Asia. A late summer type. (cf. var. *reticulatus*).
- 260650.** Col. No. 3910. From Central Asia. A bush type.
- 260651.** Col. No. 572. 'Takhmi'. From Afghanistan. Bush type. (cf. var. *reticulatus*).
- 260652.** *CUCURBITA MAXIMA* Duchesne. Cucurbitaceae. **Squash.**
Col. No. 2243. Bush type. From Mexico.
- 260653.** *CUCURBITA PEPO* L. **Pumpkin.**
Col. No. 2782. 'Dnepropetrovsk'. From the Ukraine. A bush type.

260654 and 260655.

From Germany. Plants collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received September 21, 1959.

260654. *SEMPERVIVUM SCHLEHANI* Schott. Crassulaceae.

Col. No. 6972. 'Rubrifolium'. George Arends Nursery, Wuppertal, Ronsdorf.

Plant densely tufted; leaves green at the top, dark reddish at the base.

260655. *SEMPERVIVUM* (hybrid).

Col. No. 6971. 'Rubin'. George Arends Nursery, Wuppertal, Ronsdorf.

Plant densely tufted, succulent; leaves dark red; flowers pink.

260656. *SACCHARUM OFFICINARUM* L. Poaceae. **Sugarcane.**

From the British West Indies. Cuttings presented by the Sugar Manufacturers Association, Jamaica. Received Sept. 22, 1959.

Grown at Clarendon.

260657. *SACCHARUM* (hybrid). Poaceae. **Sugarcane.**

From Australia. Cuttings presented by the Bureau of Sugar Experiments, Gordonvale, Cairns, Queensland. Received Sept. 22, 1959.

57 NG-79.

260658. *SACCHARUM* (hybrid). **Sugarcane.**

From Mexico. Cuttings presented by A. Gonzalez Gallardo, Zacatepec, Morelos. Received Sept. 22, 1959.

C.P. 29/203.

260659 to 260662. *ORYZA SATIVA* L. Poaceae. **Rice.**

From the Philippines. Seeds presented by the Bureau Plant Industry, Manila. Received September 23, 1959.

From the Maligaya Experiment Station, Munoz, Nueva Ecija, Luzon.

260659. 'Milbuen No. 3'.

260660. 'Milfor 6 (2)'.

260661. 'Milketan No. 20'.

260662. 'Milketan No. 21'.

260663 to 260689. *BETA VULGARIS* L. Chenopodiaceae.

Common beet.

From Denmark. Seeds collected by Dewey Stewart, Tobacco and Sugar Crops Research Branch, Sugar Beet Section, Beltsville, Md. Received Sept. 23, 1959.

Collected at Kalundborg.

260663. K 1.

260673. K 11.

260664. K 2.

260674. K 12.

260665. K 3.

260675. K 13. Monogerm-Digerm.

260666. K 4.

260676. K-14. Seed red.

260667. K 5.

260677. K 15. Cluney.

260668. K 6.

260678. K 16.

260669. K 7.

260679. K 17.

260670. K 8.

260680. K 18.

260671. K 9.

260681. K 19.

260672. K 10.

260682. K 20.

260663 to 260689—Continued**260683.** No. 1. **260687.** No. 5.**260684.** No. 2. **260688.** No. 6.**260685.** No. 3. **260689.** No. 7.**260686.** No. 4.**260690.** *SOLANUM* sp. Solanaceae.

From Peru. Tubers intercepted by Quarantine Officials at Port of Entry, San Francisco, California. Received Sept. 24, 1959.

260691. *DIOSCOREA BULBIFERA* L. Dioscoreaceae. **Airpotato.**

From Ethiopia. Tubers presented by the Jimma Agricultural Technical School, Jimma. Received Sept. 24, 1959.

260692 and 260693. *LOTUS CORNICULATUS* L. Fabaceae. **Birdsfoot trefoil.**

From Italy. Seeds presented by the Instituto di Agronomia della Universita di Perugia, Perugia. Received Sept. 24, 1959.

260692. No. 1. Central Italy.**260693.** No. 3. Central Italy.**260694.** *MYRCIARIA GLOMERATA* Berg. Myrtaceae.

From Brazil. Seeds presented by the Instituto Agronomico, Campinas, Sao Paulo. Received Sept. 24, 1959.

260695. *QUERCUS PONTICA* C. Koch. Fagaceae.

From the Netherlands. Seeds collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Sept. 24, 1959.

Col. No. 6514. Trompenburg Arboretum, Rotterdam. Multistemmed, densely branched, deciduous shrub to 12 feet high.

260696. *DISA UNIFLORA* Berg. Orchidaceae. **Orchid.**

From the Union of South Africa. Seeds presented by the Botanical Garden, Stellenbosch. Received Sept. 24, 1959.

260697 to 260699.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Sept. 25, 1959.

260697. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

Col. No. 945-1 Guadalajara market.

260698. *SOLANUM* sp. Solanaceae.

Col. No. 17720.

260699. *HYMENOCALLIS SONORENSIS* Standl. Amaryllidaceae.

Col. No. 101. Chorihoa, Sonora.

260700 and 260701. *GOSSYPIUM* (hybrids). Malvaceae. **Cotton.**

From Brazil. Seeds presented by the Foreign Agricultural Service, Washington, D.C. Received Sept. 28, 1959.

260700. C.B. 3276. Fazenda Sao Miguel, State of Rio Grande do Norte.**260701.** C.B. 3277. Fazenda "Vazante Grande", 65 km. southwest of Fortaleza, State of Ceara.

260702. PUCCINELIA MARITIMA Parl. Poaceae.

From Germany. Plants collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received September 28, 1959.

Col. No. 7032. Nordstrand Island, Hallig Group, North Friesland, Schesweg, Holstein. Evergreen perennial, 40 cm. high. Adapted to salt marshes and brackish shores. Heavily grazed by sheep; stays green year round.

260703 to 260716.

From Mexico. Plants collected by H. E. Moore, Jr., Cornell University, Ithaca, New York. Received Sept. 28, 1959.

Collected September 1959.

260703. ACHIMENES GRANDIFLORA Gesneriaceae.

Col. No. 8013. Tufa boulder in spray of waterfall El Salto beyond Meco, San Luis Potosi. Herb; leaves bullate, light green; flowers magenta to lilac.

260704. ARBUTUS sp. Ericaceae.

Col. No. 8019. El Chico National Park, Real del Monte, Hidalgo. Elevation 9,000 feet. Small tree; bark flaking pale brown.

260705. ARCTOSTAPHYLOS sp. Ericaceae.

Col. No. 8016. 'Manzanilla'. Thin limestone slopes, La Placita, between Jacala and Zimapan, Hidalgo. Elevation 5,000 feet. Shrub; leaves dark green; fruit purple-black, rough, ornamental.

260706. BAUHINIA COULTERI Macbr. Caesalpiniaceae.

Col. No. 8014. Limestone ledges, La Placita, between Jacala and Zimapan, Hidalgo. Compact low spreading shrub; leaves small, dark green; flowers large, cream-colored.

260707. CASSIA sp. Caesalpiniaceae.

Col. No. 8030. Rocky limestone hillsides, Jacala, Hidalgo. Tree to 12 feet high; flowers golden-yellow, abundant in spring.

260708. CLETHRA sp. Clethraceae.

Col. No. 8025. Limestone slopes, La Placita, between Jacala and Zimapan, Hidalgo. Elevation 5,000 feet. Small, evenly formed spreading tree; foliage glossy, deeply nerved.

260709. CORNUS sp. Cornaceae.

Col. No. 8029. Limestone slope with excellent drainage. La Placita, between Jacala and Zimapan, Hidalgo. Small much-branched; tree.

260710. HAUYA ELEGANS Moc. & Sesse. Onagraceae.

Col. No. 8040. Thin limestone slopes above Jacala, Hidalgo. Tree to 10 feet high; flowers pink, large.

260711. MASCAGNIA MACROPTERA Naz. Malpighiaceae.

Col. No. 8033. Lime rock slopes between Jacala and Escondido, Hidalgo. Vine; leaves glossy; flowers yellow; fruits winged.

260712. MONTANOA sp. Asteraceae.

Col. No. 8043. 'Margarita'. Cultivated at Jacala, Hidalgo. Much-branched shrub; flowers, double, white, numerous, chrysanthemum-like.

260713. SOLANDRA sp. Solanaceae.

Col. No. 8042. Puerto de la Zorra above Jacala, Hidalgo. Stout vine; flowers long, narrow, cream colored, lined with maroon.

260714. NEMASTYLIS sp. Iridaceae.

Col. No. 8034. Jacala, Hidalgo. Herb with pleated leaves.

260703 to 260716—Continued**260715.** *VIBURNUM* sp. Caprifoliaceae.

Col. No. 8021. In oak woods on limestone, Minas Viejos, Hidalgo. Shrub to 6 feet high; drupes red and green.

260716. *GIGASIS KARWINSKYANA* (R. & S.) Rohw. Commelinaceae.

Col. No. 8002. Near Huisochol, road from Victoria Jaumaue, Tamps. Herb with ascending stems; bud pink.

260717. *VICTORIA REGIA* Lindl. Nymphaeaceae. **Victoria waterlily.**

From British Guiana. Plants presented by the Botanical Garden, Georgetown, Jemerara. Received Sept. 28, 1959.

260718. *SPARTINA TOWNSENDII* H. & J. Groves Poaceae.

From Great Britain. Plants presented by Dunns Farm Seeds, Ltd., Salisbury. Received Oct. 2, 1959.

Putative hybrid of *S. alterniflora* × *S. stricta*. Chromosome number appears to confirm the allopolyploid characteristics of the parentage. Originated at Southhampton. Extensive mud flats and marsh land have been reclaimed by the use of this species. Clonal propagation satisfactory. It is of interest in erosion control, grazing, and as a possible source of paper pulp.**260719 and 260720.**

From Thailand. Seeds presented by Garland Bare, Missionary, Pau, Nan Province. Received Oct. 5, 1959.

260719. *PRUNUS PERSICA* (L.) Batsch Amygdalaceae. **Peach.**

Fruit round with sharp projection, 1.8 to 2 inches in diameter, flesh white, skin to 50 percent blush. Best native variety.

260720. *RUBUS* sp. Rosaceae.

Wild red raspberry; flavor sweet-acid. Ripens May to July.

260721 to 260724.

From Germany. Seeds collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Oct. 5, 1959.

260721. *FRAXINUS SPAETHIANA* Lingels. Oleaceae.

Col. No. 7102. Wilhelmshohe park, Kassel. Tree to 30 feet high; buds very prominent; petiole base inflated.

260722. *PYRUS COMMUNIS* L. Malaceae. **Common pear.**

Col. No. 7122. Forest Garden, Hann.-Munden, Niedersachsen. Tree to 40 feet high; fruit to two inches across.

260723. *QUERCUS CERRIS* L. Fagaceae.

Col. No. 7094. Wilhelmshohe park, Kassel. Tree to 70 feet high; leaves to 6 inches long, elliptic, dentate, lustrous.

260724. *QUERCUS HAAS* Kotschy

Col. No. 7042. Hamburg Botanic Garden, Hamburg. Tree to 40 feet high.

260725 and 260726. *SACCHARUM* (hybrids). Poaceae. **Sugarcane.**

From Brazil. Cuttings presented by the Instituto Agronomico, Campinas, Sao Paulo. Received Oct. 5, 1959.

260725. C. B. 46/44.**260726.** C. B. 49/15.**260727 and 260728.**

From the United States. Plants growing at the United States Plant Introduction Station, Glenn Dale, Maryland. Numbered Oct. 6, 1959.

260727 to 260728—Continued

- 260727.** *MALUS SYLVESTRIS* Mill. Malaceae. **Common apple.**
'Beacon'.
- 260728.** *MALUS* (hybrid). **Crabapple.**
'Hopa'.

260729 and 260730.

From Mexico. Plants collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Oct. 7, 1959.

- 260729.** *AGAVE* sp. Amaryllidaceae.
Col. No. 17858. 'Pelon'. Cerrito del Lopez, 35 miles northwest of Hermosillo, Sonora.
- 260730.** *AGAVE* sp.
Col. No. 17822. Bacachaca, Sierra de Alamos, Sonora. Small clustered rosettes; leaves turgid, rounded above and below, with broad pale median stripe and faint white brush marks.

260731 and 260732.

From Germany. Seeds collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Oct. 7, 1959.

Palmengarten, Frankfurt-am-Main.

- 260731.** *DORSTENIA ARGENTEA* Hook. f. Moraceae.
Col. No. 7149. Leaves silvery in the center, green on margin.
- 260732.** *NEPTUNIA PROSTRATA* (Lam.) Baill. Mimosaceae.
Col. No. 7150. Aquatic herb for shallow water; stems white, pithy, floating, aerial stems to three feet high; leaves sensitive; flowers yellow.

260733. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. Watermelon.

From Sudan. Seeds presented by the United States Operations Mission, Khartoum. Received Oct. 12, 1959.

260734 GOSSYPIUM (hybrid). Malvaceae.

From Mozambique. Seeds presented by the Junta do Algodao Centro de Investigacao Cientifica Algodoeira, Lourenco Marques. Received Oct. 13, 1959.

260735 to 260738.

From Morocco. Seeds presented by the Institut des Fruits et Agrumes Coloniaux, Rabat. Received Oct. 12, 1959.

- 260735.** *CITRUS AURANTIFOLIA* (Christm.) Swingle Rutaceae. **Lime.**
From the Diademe Valley. Acid lime from the spontaneous groves in the mountains. Fruits are rounder than the fruits growing in the coastal area.
- 260736.** *CITRUS GRANDIS* (L.) Osbeck **Pummelo.**
Trunks of the trees have to 6 feet perimeter.
- 260737.** *CITRUS RETICULATA* Blanco **Mandarin orange.**
Pirae Station, Tahiti, French Polynesia.
- 260738.** *CITRUS SINENSIS* (L.) Osbeck **Sweet orange.**
From the Diademe Valley.

260739 to 260742.

From India. Seeds presented by G. Ghose & Company, Townend, Darjeeling. Received Oct. 13, 1959.

- 260739.** *BETULA UTILIS* D. Don Betulaceae. **Birch.**
260740. *CALLISTEMON CITRINUS* (Curtis) Skeels Myrtaceae. **Lemon bottlebrush.**
260741. *EUCALYPTUS CITRIODORA* Hook. Myrtaceae.
260742. *SARCOCOCCA SALIGNA* (D. Don). Muell. Buxaceae.

260743 to 260746.

From France. Seeds collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Oct. 13, 1959.

- 260743 to 260745.** Arboretum des Barres, Ecole Forestiere National Francaise, Nogent-sur-Vernisson.
260743. *ACER GROSSERI* Pax Aceraceae. **Maple.**
 Col. No. 7227. 'Hersi'. Tree to 20 feet high; branches spreading to arching, bark smooth, green, striped white.
260744. *PLATYCARYA STROBILACEA* Sieb. & Zucc. Juglandaceae.
 Col. No. 7199. Tree to 30 feet high; single trunk to 14 inches in diameter, bark gray, fissured; fruiting cones erect.
260745. *QUERCUS DENTATA* Thunb. Fagaceae. **Daimyo oak.**
 Col. No. 7202. Wide, spreading, deciduous tree 50 feet high.
260746. *QUERCUS PETRAEA* (Mattuschka) L. ex Lieblen.
 Col. No. 7185. Near Toul, road west of Nancy. Tree to 40 feet high; leaves larger than *Q. rubra*; acorns sessile.

260747 and 260748.

From Indonesia. Seeds presented by the Hortus Botanicus, Bogonensis, Bogor. Received Oct. 13, 1959.

- 260747.** *FICUS MYSORENSIS* var. *PUBESCENS* (Roth) Hooker Moraceae.
260748. *FICUS GARCINIAEFOLIA* Miq.
260749. *ILEX CORNUTA* Lindl. & Paxt. Aquifoliaceae. **Chinese holly.**

From the United States. Obtained from residence of Clyve Jackson, College Park, Maryland. Numbered Oct. 13, 1959.

Tree compact, hardier than usual for the species; berries numerous, bright red, large.

260750. *MUSA ACUMINATA* Colla Musaceae.

From the Philippine Islands. Rhizome collected by the University of Philippines, College of Agriculture, Laguna, Luzon. Received Oct. 13, 1959.

Col. No. 2-7340. 'Saguing Machin'. Northern slopes, Mount Makiling, Laguna, Luzon. Elevation 1,050 feet. Pseudostem with dark brown blotches, none waxy, 18 feet long and 10 inches thick at base; peduncle pubescent; inflorescent subhorizontal with 22 hands and about 450 fingers.

260751 and 260752.

From the Island of Reunion. Seeds presented by the Services Agricoles de la Reunion. Received Oct. 13, 1959.

- 260751.** *COFFEA MAURITIANA* Lam. Rubiaceae. **Coffee.**
260752. *MUSSAENDA LANDIA* Poir. Rubiaceae.

260753 to 260762.

From the United States. Seeds at the New Crops Research Plant Introduction Station, Ames, Iowa. Received Oct. 13, 1959.

260753. *MELILOTUS ALBA* Desr. Fabaceae. **White sweetclover.**

Col. No. K. 277. From Cyprus. Annual to 12 inches high; flowers white. Separated from P.I. 206383.

260754 to 260757. *MELILOTUS INDICA* (L.) All. **Annual yellow sweetclover.**

260754. Col. No. R. 287. From Israel. Annual to 18 inches high; flowers yellow. Separated from P.I. 227001.

260755. Col. No. R. 308. From Turkey. Annual to 12 inches high; flowers small, yellow.

260756. Col. No. R. 310. From Turkey. Annual to 18 inches high; flowers small, yellow. Flowers later than P.I. 260755.

260757. Col. No. R. 291. From Portugal. Annual to 18 inches high; flowers small, yellow. Separated from P.I. 227003.

260758. *MELILOTUS SULCATA* Desf. **Sweetclover.**

Col. No. R. 306. From Turkey. Annual; flowers yellow.

260759. *SCORPIURUS SULCATUS* L. Fabaceae.

Col. No. R. 315. From Portugal. Procumbent annual; flowers yellow; fruits relatively smooth, long. Separated from P.I. 249708.

260760 and 260761. *TRIFOLIUM LAPPACEUM* L. Fabaceae. **Lappa clover.**

260760. Col. No. R. 351. From Turkey. Annual; flowers white.

260761. (No number). From Turkey. Annual to 10 inches high; flowers white.

260762. *TRIFOLIUM RESUPINATUM* L. **Persian clover.**

No number. From Turkey. Annual to 10 inches high; flowers pink.

260763 to 260782. *BETA VULGARIS* L. Chenopodiaceae.

Common beet.

From Ireland. Seed presented by the Irish Sugar Co., Ltd., Thurles. Near Gyle's Quay, Dundalk. Received Oct. 14, 1959.

260763. No. 1. **260773.** No. 11.

260764. No. 2. **260774.** No. 12.

260765. No. 3. **260775.** No. 13.

260766. No. 4. **260776.** No. 14.

260767. No. 5. **260777.** No. 15.

260768. No. 6. **260778.** No. 16.

260769. No. 7. **260779.** No. 17.

260770. No. 8. **260780.** No. 18.

260771. No. 9. **260781.** No. 19.

260772. No. 10. **260782.** No. 20.

260783. *PANAX PSEUDOGINSENG* Wall. Araliaceae.

American ginseng.

From Korea. Seeds presented by Oh Sin-Keun, Seong Bug-Ku, Seoul. Received Oct. 14, 1959.

260784 to 260791. SACCHARUM (hybrids). Poaceae. Sugarcane.

From Brazil. Cuttings presented by the Instituto Agronomico do Nordeste, Curado, Recife, Pernambuco. Received Oct. 15, 1959.

260784. 'Falsa Cristalina'. **260788.** 'Palmeirinha'.

260785. IANE 46-11F. **260789.** POJ 161.

260786. IANE 46-162. **260790.** POJ 1507.

260787. IANE 46-186. **260791.** POJ 2947.

260792. SPARTINA TOWNSENDII H. & J. Groves Poaceae.

From Great Britain. Seeds presented by the Dunns Farm Seeds Ltd., Salisbury, England. Received Oct. 15, 1959.

Putative hybrid of *S. alterniflora* × *S. stricta*. Chromosome numbers appear to confirm the allopolyploid characteristics of the parentage. Originated at Southampton. Extensive mud flats and marsh land have been reclaimed by the use of this species. Clonal propagation satisfactory. It is of interest in erosion control, grazing, and as a possible paper pulp source.

260793 to 260795.

From France, Germany and the Netherlands. Bulbs and plants collected by Elmo W. Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Oct. 15, 1959.

260793. ALLIUM CEPA L. Liliaceae. Onion.

Col. No. 197. 'Aggregatum'. Obtained from the Institute fur Gartnerische Pflanzenzuchtung, Herrenhausen, Hannover, Germany. Montreal, Canada. (Bulbs).

260794. ALLIUM SATIVUM L. Garlic.

Col. No. 117. Market, Marseille, France. Cloves very large, pink. (Bulbs).

260795. ALLIUM SCHOENOPRASUM L. Chive.

Col. No. 208. Van der Ploeg, Zwijndrecht, Rotterdam, Netherlands. Plants small, divide profusely; leaves round, hollow; seed stalk 1 ft. high; flowers purple. (Plants).

260796. HIBISCUS KITAIBELIFOLIUS St. Hil. Malvaceae.

From Brazil. Seeds presented by the Jardim Botânico do Rio de Janeiro. Received Oct. 16, 1959.

260797 to 260806.

From Egypt. Seeds presented by the Bahtim Experimental Station, Bahtim, Cairo. Received Oct. 19, 1959.

260797 to 260805. TRITICUM AESTIVUM L. Poaceae. Common wheat.

Sister lines. Highly resistant to stem rust.

260797. 'Giza 135' × L. 1167/109; 1385/3331. Resistant to leaf rust.

260798. 'Giza 135' × L. 1167/109; 1385/3363. Resistant to leaf rust.

260799. 'Giza 135' × L. 1167/109; 1385/3373. Resistant to leaf rust.

260800. 'Giza 135' × L. 1167/109; 1385/3376. Resistant to leaf rust.

260801. 'Giza 135' × L. 1167/109; 1385/3378. Resistant to leaf rust.

260802. L. 1167/109 × 'Giza 135/2'; 1406/3661. Resistant to leaf rust.

260803. L. 1167/109 × 'Giza 135/2'; 1406/3363. Susceptible to leaf rust.

260804. L. 1167/109 × 'Giza 135/2'; 1406/3681. Resistant to leaf rust.

260805. L. 1167/109 × 'Giza 135/2'; 1406/3683. Susceptible to leaf rust.

260806. TRITICUM (hybrid)

L. 1167/109 × Na. 864; 1389/3478. Interspecific cross. Highly resistant to stem rust and leaf rust.

260807 to 260809.

From Australia. Seeds presented by George Spalding, Los Angeles State and County Arboretum, Arcadia, California. Received Oct. 19, 1959.

260807 and 260808. Bendigo, Victoria.

260807. *ACACIA HAKEOIDES* A. Cunn. ex Benth. Mimosaceae.
'Angustifolia'.

260808. *OLEARIA TERETIFOLIA* (Sond.) F. Muell. Asteraceae. **Daisytree.**

260809. *TELOPEA SPECIOSSISSIMA* (J.E. Smith) R.Br. Proteaceae.
Crimson waratah.

St. Ives, New South Wales.

260810. *BROMUS COMMUTATUS* Schrad. Poaceae.

From Iran. Seed collected by H.S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Numbered Oct. 19, 1959.

Collected on southern plain of Lake Rezaieh, Azerbaijan. Separated from P.I. No. 229527. Good soil conservation grass as it reseeds readily.

260811 to 260815. *SACCHARUM* (hybrids). Poaceae. **Sugarcane.**

From Hawaii. Cuttings presented by the Hawaiian Sugar Planters Association, Honolulu. Received Oct. 19, 1959.

260811. 'Hemja'. **260814.** 'Saipan 17'.

260812. H.Q. 409. **260815.** 'Yellow Tip.'

260813. 'Rose Bamboo'.

260816 to 260819. *MUSA* sp. Musaceae.

From the Philippines. Rhizomes presented by the University of Philippines, College of Agriculture, Los Banos, Laguna, Luzon. Received Oct. 19, 1959.

260816. Col. No. 2-7343. **260818.** Col. No. 2-7347.

260817. Col. No. 2-7344. **260819.** Col. No. 2-7348.

260820. *IPOMOEA BATATAS* (L.) Lam. Convolvulaceae. **Sweetpotato.**

From Puerto Rico. Tubers presented by the Agricultural Experiment Station, Rio Piedras. Received Oct. 20, 1959.

'Cobre'.

260821 to 260880.

From Indonesia. Plants and cuttings collected by W. H. Hodge, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Oct. 20, 1959.

Botanical Garden, Bogor.

260821. *AERYA SANGUINOLENTA* Blume. Amaranthaceae.
Col. No. LW-126.

260822. *AGLAONEMA COSTATUM* N.E.Br. Araceae.
Col. No. LW-101.

260823. *AGLAONEMA NOVOGUINEENSE* Engl.
Col. No. LW-119.

260824 and 260825. *AGLAONEMA SIMPLEX* Blume

260824. Col. No. LW-100. Shade plant.

260825. Col. No. LW-118.

260826. *ALPINIA SANDERAE* Sand. Zingiberaceae.
Col. No. LW-108.

260821 to 260880—Continued

- 260827.** *AMOMUM FOETENS* K. Schum. Zingiberaceae.
Col. No. LW-113. High herb for shade.
- 260828.** *AMOMUM MEGALOCHELOS* Baker.
Col. No. LW-112. Leaves to 10 feet high; flowers borne from underground rhizomes on ground surface, red with yellow margins.
- 260829.** *ANTHURIUM* × *MACROLOBIUM* Hort. Araceae.
Col. No. LW-98. Epiphyte.
- 260830.** *ARUNDINA BAMBUSIFOLIA* (Roxb.) Lindl. Orchidaceae. **Orchid.**
Col. No. LW-127. Terrestrial orchid; flowers lilac, 3 inches across.
- 260831.** *ASPLENIUM NIDUS* L. Polypodiaceae.
Col. No. LW-94. Epiphyte; fronds have tissue down to base of stipes.
- 260832.** *ASPLENIUM* sp.
Col. No. LW-90. Epiphyte.
- 260833.** *BOESENBERGIA PANDURATA* Schlechter. Zingiberaceae.
Col. No. LW-107.
- 260834.** *CALADIUM PICTURATUM* C. Koch & Bouche. Araceae.
Col. No. LW-117.
- 260835.** *CARLUDOVICA ATROVIRENS* H. Wendl. Cyclanthaceae.
Col. No. LW-111. Native of Colombia.
- 260836.** *CARLUDOVICA MACROPODA* Klotz.
Col. No. LW-106. Attractive terrestrial in shade; leaves to 4 feet long.
- 260837.** *COSTUS VERSCHAFFELTIANUS* Lem. Zingiberaceae.
Col. No. LW-123.
- 260838.** *CYCLANTHUS BIPARTITUS* Poit. Cyclanthaceae.
Col. No. LW-103. Attractive shade plant; leaves form a crown to 4 feet wide.
- 260839.** *CYCLANTHUS CRISTATA* Klotz.
Col. No. LW-110. Herb with bifereate leaves, to 4 feet.
- 260840.** *CYRTOSTACHYS RENDA* Blume. Phoenicaceae. **Palm.**
Col. No. LW-74. Cluster palm with reddish crown shafts. Native of Bangka.
- 260841.** *CYRTOSTACHYS* sp. **Palm.**
Col. No. LW-75. 'Sealing Wax Palm'. Cluster palm.
- 260842.** *DRACAENA* (hybrid). Liliaceae.
Col. No. LW-124. 'Victoria'.
- 260843.** *ELETARIA ATROPURPUREA* Blume. Zingiberaceae.
Col. No. LW-115. Plant to 10 feet high.
- 260844.** *EUGEISSONA TRISTE* Griffith. Phoenicaceae. **Palm.**
Col. No. LW-80. Feather palm.
- 260845.** *GRAMMATOPHYLLUM SPECIOSUM* Blume. Orchidaceae. **Orchid.**
Col. No. LW-128. 'Sugarcane Orchid'. Flowers pink with brown spots.
- 260846.** *GRONOPHYLLUM OXYPETALUM* Burret. Phoenicaceae. **Palm.**
Col. No. LW-73. Feather palm.

260821 to 260880—Continued

260847. *HETEROSPATHE SALOMONENSIS* Becc. Phoenicaceae. **Palm.**
Col. No. LW-78. Feather palm.
260848. *HOYA* sp. Asclepiadaceae.
Col. No. LW-97. Climber.
260849. *IXORA AMOENA* Wall. Rubiaceae.
Col. No. LW-84. Native to Bangka.
260850. *IXORA CHINENSIS* Lam. **Chinese ixora.**
Col. No. LW-85.
260851. *IXORA STRICTA* Roxb.
Col. No. LW-86.
260852. *LICUALA RUMPHII* Blume. Phoenicaceae. **Palm.**
Col. No. LW-71. Fan palm native to Celebes and Manado.
260853. *NICOLAIA PALLIDA* Horan. Zingiberaceae.
Col. No. LW-114. Plant 8 feet high.
260854. *ONCOSPERMA HORRIDUM* (Griffith) Scheff. Phoenicaceae. **Palm.**
Col. No. LW-76. Cluster palm; spines on stems.
260855. *ORANIA ARUENSIS* Becc. Phoenicaceae. **Palm.**
Col. No. LW-72.
260856. *ORCHIDANTHA* sp. Musaceae.
Col. No. LW-109. Herb with strap-like leaves to 3 feet long.
260857. *PARALINOSPADIX PETRICKIANUS* (Sandw.) Burret Phoenicaceae. **Palm.**
Col. No. LW-82. Small palm.
260858. *PHOENICOPHORUM BORSIGIANUM* (Koch) Stuntz. Phoenicaceae. **Palm.**
Col. No. LW-70.
260859. *PINANGA DISTICHA* Blume Phoenicaceae. **Palm.**
Col. No. LW-77.
260860. *PIPER ORNATUM* N. Br. Piperaceae.
Col. No. LW-95. Climber.
260861. *PIPER* sp.
Col. No. LW-87. Climber with variegate green and lavender leaves above, reddish below.
260862. *PIPER* sp.
Col. No. LW-96. Climber.
260863. *PLATYCERIUM BIFORME* (Siv.) Bl. Polypodiaceae.
Col. No. LW-92. Epiphyte.
260864. *PTYCHOCOCCUS PARADOXUS* (Scheff.) Becc. Phoenicaceae. **Palm.**
Col. No. LW-79. Pinnate palm to 50 feet high.
260865. *RAFHIA HOOKERI* Mann & Wendl. Phoenicaceae. **Palm.**
Col. No. LW-81. Feather palm.
260866. *RENEALMIA VENTRICOSA* Griseb. Zingiberaceae.
Col. No. LW-125.
260867. *RHECKTOPHYLLUM MIRABILE* N. E. Br. Araceae.
Col. No. LW-105. Herb; leaves divided.

260821 to 260880—Continued

- 260868.** *STRONGYLODON MACROBOTRYS* A. Gray. Fabaceae.
Col. No. LW-83. 'Jade Vine'.
- 260869.** *TAPEINOCHELOS ANANASSAE* K. Schum. Zingiberaceae.
Col. No. LW-121. Native of Seram.
- 260870.** *TAPEINOCHELOS* sp.
Col. No. LW-116. Native of Moluccas.
- 260871.** *TAPEINOCHELOS* sp.
Col. No. LW-120.
- 260872.** *ZINGIBER MACRADENIUM* K. Schum. Zingiberaceae.
Col. No. LW-122.
- 260873.** *ZINGIBER* sp.
Col. No. LW-104. Tall herb; flowers red.
- 260874.** Undetermined.
Col. No. LW-88. Epiphyte.
- 260875.** Undetermined.
Col. No. LW-89.
- 260876.** Undetermined.
Col. No. LW-91. Epiphyte; rhizomes creeping.
- 260877.** Undetermined.
Col. No. LW-93. Epiphyte.
- 260878.** Undetermined.
Col. No. LW-99. Leaves ornamental.
- 260879.** Undetermined.
Col. No. LW-102. Climber with interesting foliage.
- 260880.** Undetermined. Orchidaceae.
(No data).

260881 to 260885.

From the Union of Soviet Socialist Republics. Seeds presented by the Central Station of Forest Seeds Control, Moscow. Received Oct. 22, 1959.

- 260881.** *CELTIS CAUCASICA* Willd. Ulmaceae.
Street tree in Signag.
- 260882.** *CELTIS* sp.
A smooth leaf hackberry.
- 260883 and 260884.** *ULMUS LAEVIS* Pallas.
260883. Krasnodarsk, Caucas.
260884. Orenburg Province, Steppes.
- 260885.** *ULMUS PUMILA* var. *ARBOREA* Litv.
Taganrog, Rostov Province.

260886. *RUBUS ROSAEFOLIUS* J. E. Sm. Rosaceae. **Raspberry.**

From Paraguay. Seeds presented by the Sociedad de Hermanos, Tela Margerita, Alto Parana. Received Oct. 22, 1959.

Fruit poor flavor but prolific and plant remains green, with no yellowing or breakdown; fruit red.

260887 to 260903.

From Great Britain. Seeds presented by the National Institute of Agricultural Botany, Cambridge, England. Received Oct. 23, 1959.

260887 to 260892. AVENA SATIVA L. Poaceae. **Common oats.**

260887. 'Blenda'. **260890.** 'Penrhyn'.

260888. 'Maldwyn'. **260891.** 'Picton'.

260889. 'Opus II'. **260892.** 'Powys'.

260893 and 260894. HORDEUM VULGARE L. Poaceae. **Common barley.**

260893. 'Maythorpe'.

260894. 'Provost'.

260895 to 260903. TRITICUM AESTIVUM L. Poaceae. **Common wheat**

260895. 'Atson'. **260900.** 'Jufy I'.

260896. 'Banco'. **260901.** 'Milfast'.

260897. 'Capelle Desprez'. **260902.** N. 59.

260898. 'Dominator'. **260903.** 'Svenno'.

260899. 'Flamingo'.

260904 to 260975. PENNISETUM SPICATUM (L.) Willd. Poaceae. **Pearl millet.**

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Oct. 23, 1959.

260904. I.C. 2388. **260909.** I.C. 3484. Niphad.

260905. I.C. 2387. Co. 2. **260910.** I.C. 1725. United Province (Allahabad).

260906. I.C. 4592. Jhakrana. **260911.** I.C. 1732. Kanpur.

260907. I.C. 4638. Alwar. **260912.** I.C. 1775. Niphad.

260908. I.C. 1472. Type 55, Ferozepur. **260913.** 'Badapuri': Jamnagar Giant'.

260914 to 260947 Bajra.

260914. D.C. 463. **260931.** D.C. 480.

260915. D.C. 464. **260932.** D.C. 481.

260916. D.C. 465. **260933.** D.C. 482.

260917. D.C. 466. **260934.** D.C. 483.

260918. D.C. 467. **260935.** D.C. 484.

260919. D.C. 468. **260936.** D.C. 485.

260920. D.C. 469. **260937.** D.C. 486.

260921. D.C. 470. **260938.** D.C. 487.

260922. D.C. 471. **260939.** D.C. 488.

260923. D.C. 472. **260940.** D.C. 489.

260924. D.C. 473. **260941.** D.C. 490.

260925. D.C. 474. **260942.** D.C. 491.

260926. D.C. 475. **260943.** D.C. 493.

260927. D.C. 476. **260944.** D.C. 494.

260928. D.C. 477. **260945.** D.C. 495.

260929. D.C. 478. **260946.** D.C. 496.

260930. D.C. 479. **260947.** D.C. 497.

260904 to 260975—Continued

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| 260948. I.C. 1715; Selection S.50/1
Kanpur, United Province. | 260962. 'Cumbu Co. 2'. |
| 260949. A.K.P. 1. Sajja. | 260963. 'Cumbu Co. 3'. |
| 260950. A.K.P. 3. Sajja. | 260964. 'Cumbu Co. 4'. |
| 260951. A.K.P. 2. Ghanti. | 260965. 'Bajra-12'. |
| 260952. R.S.J. | 260966. 'Bajra-1'. |
| 260953. R.S.K. | 260967. 'Niphad Hy. Bajra'. |
| 260954. Baroda-5. | 260968. 'A.F.3'. |
| 260955. A-1/3. | 260969. 'Late-Man-38-39'. |
| 260956. S.530. | 260970. 'Bajri 28-15-1'. |
| 260957. S.350. | 260971. 'Bijapur-11-11-7-14-6'. |
| 260958. T/55. | 260972. Gol. 1-8-5-5. |
| 260959. 'Cumbu-X-1'. | 260973. Gol. 1-8-1-3. |
| 260960. 'Cumbu-X-3'. | 260974. 'Sindagi-3-16-13-9-15-3'. |
| 260961. 'Cumbu Co. 1'. | 260975. S.14. |

260976 to 260978. NICOTIANA TABACUM L. Solanaceae.**Common tobacco.**

From Australia. Seeds presented by the Plant Industry Division, Department of Agriculture, Sydney. Received Oct. 26, 1959.

- 260976.** 'Fitz. 101' × Bel 58-1008-1. 'Fitz. 101' is heterozygous for blue mould resistance.
- 260977.** 'Fitz. 103' × Bel 58-1008-1. 'Fitz. 103', has blue mould resistance.
- 260978.** Fl. 65-9 × Bel 58-1008-1. 65-9 carries blue mould resistance. Bel 58-1008-1 pollen was received from the United States.

260979. QUERCUS ROBUR L. Fagaceae.**English oak.**

From the Netherlands. Seeds presented by J. R. P. v. Hoey Smith, Rotterdam. Received Oct. 26, 1959.

'Salicifolia'.

260980 to 260986.

From the United States. Seeds held at the Regional Plant Introduction Station, Ames, Iowa. Numbered Oct. 26, 1959.

- 260980. MEDICAGO LUPULINA L. Fabaceae. Black medic.**
From Afghanistan. Separated from P.I. 220201.
- 260981. MEDICAGO SATIVA L.**
From Israel. Separated from P.I. 227001.
- 260982. MEDICAGO sp.**
From Yugoslavia. Separated from P.I. 193294.
- 260983. TRIFOLIUM FRAGIFERUM L. Fabaceae. Strawberry clover.**
Source unknown. Separated from P.I. 223415.
- 260984 and 260985. TRIFOLIUM REPENS L. Whiteclover.**
260984. From Iran. Separated from P.I. 250948.
260985. Source unknown. Separated from P.I. 223415.
- 260986. TRIFOLIUM RESUPINATUM L. Persian clover.**
From Iran. Separated from P.I. 250935.

260987 to 260989.

From Belgium. Seeds and plants collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Oct. 27, 1959.

From Jardin Botanique de l'Etat, Meise.

260987. *TACCA MACRANTHA* W. Limpr. Taccaceae.

Col. No. 7307. Herb to 18 inches high; leaves erect, long petiolate, lustrous green; fruit to 3 inches long, 1 inch thick, deep purplish. (Seeds).

260988. *TRIPHASIA TRIFOLIA* (Burn. f.) P. Wilson Rutaceae.

Col. No. 7291. Evergreen shrub; leaves trifoliate; fruit cherrylike, dark red, fleshy. (Seeds).

260989. Undetermined.

Col. No. 7308. Epiphytic climbing on tree trunks; leaves pubescent, dark green; flowers 1 inch across, pink. (Plant.)

260990 to 260992.

From the British West Indies. Seeds presented by the Ministry of Agriculture and Lands, Hope, Liguanea, Jamaica. Received Oct. 26, 1959.

260990. *LAWSONIA INERMIS* L. Lythraceae.

Henna.

260991. *VIBURNUM GLABRATUM* HBK. Caprifoliaceae.

260992. *VIBURNUM VILLOSUM* Siv.

260993 and 260994.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received Oct. 28, 1959.

260993. *MEDICAGO FALCATA* L. Fabaceae.

Yellow-flowered alfalfa.

K. 33298. Voronez region. Native to Western Siberia. Variable perennial; flowers yellow; pods sickle shape. Cold and drought tolerance and resistance to disease.

260994. *MEDICAGO PLATYCARPA* (L.) Trautv.

K. 15623. Native to central Siberia. Erect perennial; flowers yellow; pods flat, black, when mature; seeds large.

260995 and 260996.

From Ghana. Seeds presented by the Botany Department, University College of Ghana, Legon. Received Oct. 28, 1959.

260995. *HIBISCUS CANNABINUS* L. Malvaceae.

Kenaf.

'Achimota'. Plant atypical, having a terete calyx.

260996. *SANSEVIERIA LIBERICA* Ger. & Labr. Liliaceae.

Accra plains.

260997 to 260999.

From the Belgian Congo. Seeds presented by Institut National pour l'Etude Agronomique, Laboratoire Central de Yangambi, Yangambi. Received Oct. 28, 1959.

260997. *HIBISCUS EETVELDEANUS* DeWild. & Durr. Malvaceae.

260998. *HIBISCUS ROSTELLATUS* Guill. & Perr.

260999. *HIBISCUS SURATTENSIS* L.

261000. *ALLIUM MELANANTHERUM* Panc. Liliaceae.

From Bulgaria. Bulblets presented by the Bulgarian Academy of Sciences, Sofia. Received Oct. 7, 1959.

No. 5. VIII. 1959.

261001. APIUM GRAVEOLENS L. Apiaceae.**Celery.**

From Turkey. Seeds growing at the Regional Plant Introduction Station, Geneva, New York. Numbered Oct. 28, 1959.

Separated from P.I. 177267. 'Rapaceum'.

261002 to 261028.

From Indonesia. Plants, tubers, cuttings collected by W. H. Hodge, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Oct. 28, 1959.

Botanical Garden, Bogor, unless otherwise noted. Collected October 1959.

261002. AMORPHOPHALLUS sp. Araceae.

Col. No. LW-153.

261003. ARISTOLOCHIA GRANDIFLORA Swartz. Aristolochiaceae.

Col. No. LW-152. Tjibodas. Ornamental; flowers large.

261004. DIPTERIS CONJUGATA (Kaulf) Reinw. Polypodiaceae.

Col. No. LW-142. Tjibodas. Elevation 1,500 feet. Terrestrial fern to six feet high. Native to Java.

261005. DRYNARIA sp. Polypodiaceae.

Col. No. LW-157. Tjibodas. 'Nest Fern'. Epiphyte.

261006 and 261007. DRYNARIA RIDGULA Bedd.

261006. Col. No. LW-157.

261007. Col. No. LW-158. Tjibodas. Epiphyte.

261008. HEMIGRAPHIS ANGUSTIFOLIA Hall. f. Acanthaceae.

Col. No. LW-132. Shade plant; leaves glossy green; purple below. Native to Moluccas.

261009. HEMIGRAPHIS BICOLOR Boerl.

Col. No. LW-131. Shade plant; leaves purple below. Native to Java.

261010. HEMIGRAPHIS REPANDA Hall. f.

Col. No. LW-134. Creeping herb; leaves purple below. Native to Java.

261011. JACOBINIA MAGNIFICA Lindau. Acanthaceae.

Col. No. LW-133. Plant to six feet high; flowers yellow, in heads.

261012. DAVALLIA HYMENOPHYLLOIDES Baker. Polypodiaceae.

Col. No. LW-139. Tjibodas. Large fern. Native to Java.

261013. LYCOPODIUM sp. Lycopodiaceae.

Col. No. LW-155. Epiphyte on tree fern.

261014. LYCOPODIUM sp.

Col. No. LW-156. Pendent epiphyte.

261015. MUSA sp. Musaceae.

Col. No. LW-150. Tjibodas. Ornamental; inflorescences showy, upright.

261016. OLEANDRA NERIFORMIS Cav. Polypodiaceae.

Col. No. LW-140. Tjibodas. Fern to eight feet high; fronds whorled. Native to Java.

261017. PANDANUS AMARYLLIFOLIUS Roxb. Pandanaceae.

Col. No. LW-129. Shade plant; leaves used for coloring and flavoring food. Native to Bangsica.

261018. PINANGA DISTICHA Blume. Phoenicaceae.

Palm.

Col. No. LW-146. Small, soliliferous, pennate palm. Native to Sumatra.

261002 to 261028—Continued

- 261019.** *PINANGA MACULATA* Porte. **Palm.**
 Col. No. LW-147. Small forest palm. Native to Philippines.
- 261020.** *PANDANUS PARVUS* Ridley. Pandanaceae. **Screwpine.**
 Col. No. LW-130. Shade plant to four feet high; flowers yellow.
- 261021.** *POLYPODIUM FEEI* (Bory) Mett. Polypodiaceae.
 Col. No. LW-141. Tjibodas. Terrestrial fern.
- 261022.** *AESCHYNANTHUS* sp. Gesneriaceae.
 Col. No. LW-144. Tjibodas. Epiphyte; flowers crimson.
- 261023.** *RHODODENDRON JAVANICUM* (Blume) Benn. Ericaceae.
 Col. No. LW-154. Tjibodas. Forest epiphyte, flowers orange.
- 261024.** *TAENIOPHYLLUM* sp. Orchidaceae. **Orchid.**
 Col. No. LW-138. 'Tapeworm Orchid'. Epiphyte.
- 261025.** Undetermined. Araceae.
 Col. No. LW-136. Tjibodas. Large, scandent aroid; leaves purplish below.
- 261026.** Undetermined. Araceae.
 Col. No. LW-137. Tjibodas. Plant scandent; leaves and petioles mottled.
- 261027.** Undetermined. Phoenicaceae.
 Col. No. LW-145. Deep shade palm, to eight feet high.
- 261028.** Undetermined. Phoenicaceae.
 Col. No. LW-148. Suckering palm to six feet high. Native to South New Guinea.

261029 to 261031.

From Great Britain. Seeds presented by the Hurley Grassland Research Station, Hurley, Berkshire, England. Received Oct. 28, 1959.

- 261029.** *FESTUCA ARUNDINACEA* Schreb. Poaceae. **Tall fescue.**
 A.R.I. Ref. No. Bs 328. Ex Portugal. Outstanding in early spring growth.
- 261030 and 261031.** *PHALARIS* (hybrids). Poaceae.
P. aquatica × *P. arundinacea*.
- 261030.** A.R.I. Ref. No. Bs 248. W.P.B.S. Aberystwyth S. 230.
- 261031.** A.R.I. Ref. No. Bs 316. Dept. of Agr., Leeson, N.S.W. Australia.

261032. *VERNONIA ANTHELMINTICA* (L.) Willd. **Asteraceae.**
Kinkaoil ironweed.

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Oct. 28, 1959.

I. C. 6638. Grown in Calcutta.

261033 to 261056.

From Indonesia. Seeds collected by W. H. Hodge, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Oct. 28, 1959.

Botanical Garden, Bogor, unless otherwise noted.

- 261033.** *AGALMYLA STAMINEA* Blume Gesneriaceae.
 Col. No. LW-143. Tjibodas. Epiphyte on garden tree.
- 261034.** *ALPINIA* sp. Zingiberaceae.
 Col. No. LW-56. Plant to seven feet high; flowers white, flecked yellow; fruit orange. Native to Sumatra.

261033 to 261056—Continued

261035. *AMORPHOPHALLUS* sp. Araceae.

Col. No. LW-63. Inflorescence to three feet high; fruits orange. Native to Sumatra.

261036. *ANCHOMANES HOOKERI* (Knuth) Schott Araceae.

Col. No. LW-69. Fruits white. Native to tropical Africa.

261037. *CESTRUM PURPUREUM* Standley Solanaceae.

Col. No. LW-149. Tjibodas. Shrub to eight feet high; flowers purplish-red. Native to Mexico.

261038. *CYRTOSTACHYS* sp. Phoenicaceae.

Palm.

Col. No. LW-151. 'Lipstick Palm'. Cluster with red drainshafts.

261039. *DONAX CANNIFORMIS* (Forst.) Rolfe Marantaceae.

Col. No. LW-58. Plant to six feet high; leaves compound; flowers white. Native to Moluccas.

261040. *LICUALA RUMPHII* Blume Phoenicaceae.

Palm.

Col. No. LW-135. Fan palm to 25 feet high; fruits orange-red. Native to Celebes.

261041. *LICUALA* sp.

Col. No. LW-54. Fan palm to 8 feet high; fruits red, pea-sized.

261042 and 261043. *LINOSPADIX MICHOLITZII* Ridl. Phoenicaceae.

Palm.

261042. Col. No. LW-51. Palm to 8 feet high; berries white.

261043. Col. No. LW-59. Soboliferous palm to 10 feet high; fruits cherry size; pulp black.

261044. *MUCUNA GIGANTEA* (Willd.) DC. Fabaceae.

Col. No. LW-53. Vine, flowers in hanging clusters, greenish; pods covered with irritant hairs.

261045. *NORMANBYA NORMANBYI* (W. Hill) Bailey Phoenicaceae.

Palm.

Col. No. LW-62. Palm to 35 feet high; fruits size of small egg; pulp red.

261046. *ORBIGNYA MARTIANA* Barb. Rodr. Phoenicaceae.

Palm.

Col. No. LW-55. Large feather palm. From Brazil.

261047. *PARALINOSPADIX PETRICKIANUS* Burret Phoenicaceae.

Palm.

Col. No. LW-61. Soboliferous palm to 15 feet high; stems small; fruits cherry red when mature.

261048. *PTYCHOCOCCUS PARADOXUS* (Scheff.) Becc. Phoenicaceae.

Palm.

Col. No. LW-60. Feather palm to 50 feet high; fruits orange, egg shaped. Native to New Guinea.

261049. *SCHEFFLERA* sp. Araliaceae.

Col. No. LW-52. Ornamental tree to 20 feet high.

261050. *TACCA CHANTIERI* Andre Taccaceae.

Col. No. LW-65. Herb; Leaves ornamental to 3 feet high, deep glossy green. Native to Malay Archipelago.

261051. *TACCA FLABELLATA* J.J. Sm.

Col. No. LW-66. Herb to 3 feet high; leaves, flabellate, glossy. Native to Celebes.

261052. *TACCA MACRANTHA* Limpr.

Col. No. LW-64. Herb to 3 feet high; leaves dark green, large. Native to Sumatra.

261033 to 261056—Continued

261053. *TAPEINOCHELOS ANANASSAE* K. Schum. Zingiberaceae.

Col. No. LW-57. Leaves to 8 feet high produced from subterranean rhizomes; bracts red.

261054. *ZINGIBER MACRADENIUM* K. Schum. Zingiberaceae.

Col. No. LW-67. Herb; leaves to 10 feet high; inflorescences red, torch gingerlike. Native to Sumatra.

261055. Undetermined. Zingiberaceae.

Col. No. LW-68. Herb; leaves to 6 feet high. Native to Borneo.

261056. *MANGIFERA* sp. Anacardiaceae.

Col. No. LW-235. 'Wani'. Denpasar market, Bali. Fruit green when ripe; flavor strong; flesh white; stone-rowed in X-section.

261057 to 261064.

From New Guinea. Rhizomes collected by J. J. Ochse, United Banana Expedition. Received Oct. 28, 1959.

From Manokwari, Netherlands.

261057 and 261058. *MUSA ACUMINATA* Colla Musaceae.

261057. No. O-2. 'Higa'. Used in hybridizing program in Trinidad.

261058. No. O-4. 'Higa'. Pseudostem brown-green; fruit green; pulp white and sweet.

261059. *MUSA* × *PARADISIACA* L.

Plantain.

No. O-8. 'Babu-blutuk'. (*M. acuminata* × *M. balbisiana*). Rhizomes widespread; bunches larger.

261060. *MUSA* × *PARADISIACA* L.

Plantain.

No. O-10. 'Kapas-kapok-sepatu'. (*M. acuminata* × *M. balbisiana*).

Best plantain in Southeastern Asia; seeds few.

261061. *MUSA* sp.

No. O-7. Pseudostem green; fruit red-yellow splayed; pulp yellow.

261062. *MUSA* sp.

No. O-1. 'Ames'. Bract white green; fruit red-orange.

261063. *MUSA* sp.

No. O-3. 'Hindu-kuwa'. Fruit white-green, burst open and look like black flowers.

261064. *MUSA* sp.

No. O-6. 'Hindu-kuwa'. Pseudostem green-brown; bract green-white; fruit green when ripe, burst open like star flower; pulp white.

261065 to 261068.

From the Netherlands. Plants collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Oct. 29, 1959.

261065. *ARMORACIA RUSTICANA* G. Gaertn. Brassicaceae.

Horseradish.

Col. No. 6239a. 'Albo Variegata'. Private garden, Wageningen. Leaves white variegated, especially in spring.

261066. *CHRYSANTHEMUM ARCTICUM* L. Asteraceae.

Col. No. 7348. Private garden, Wageningen. Rhizomatous perennial, forming a clump; stems to 14 inches high; rays white to 1.5 inches long. Flowers in October.

261065 to 261068—Continued

261067. *EUPHORBIA XYLOPHILOIDES* Brongn. Euphorbiaceae.

Col. No. 7350. Tempel Nurseries, Reeuwijk. Treelike plant; branches flat numerous, brownish-green.

261068. *PLATYCEERIUM BIFURCATUM* (Cav.) C. Chr. Polypodiaceae.

Col. No. 7349. Tempel Nurseries, Reeuwijk. Selected for broad fertile fronds in young plants.

261069. *CITRUS AURANTIFOLIA* (Christm.) Swingle Rutaceae.

Lime.

From New Guinea. Seeds presented by the Department of Agriculture, Stock and Fisheries, Port Moresby, Papua. Received Oct. 29, 1959.

The tree bears when about 2 years old and comes true from seed. Possibly a Tahitian lime. Fruit large, not very juicy, has to 200 seeds, pleasant fragrance.

261070. *SACCHARUM* (hybrid). Poaceae.

Sugarcane.

From Argentina. Cuttings presented by the Estacion Agropecuararia, Colorado-Formosa. Received Oct. 30, 1959.

Tuc. 2683.

261071 to 261097.

From Indonesia. Plants and seeds collected by W. H. Hodge, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 2, 1959.

Botanical Garden, Bogor. Plants except where otherwise noted.

261071. *ALPINIA OXYMITRA* Miq. Zingiberaceae.

No. LW-175. Plant to 3 feet high.

261072. *ALPINIA ROBURGHIANA* Valet.

No. LW-179. From Sumatra.

261073. *AMOMUM GRACILE* Blume. Zingiberaceae.

No. LW-180. Plant to 4 feet high.

261074. *ANADENDRUM MICROSTACHYUM* Backer & Alderwer Araceae.

No. LW-171. From Sumatra. Climbing aroid.

261075. *CARLUDOVICA LATIFOLIA* Ruiz. & Pav. Cyclanthaceae.

No. LW-174. From Peru.

261076. *COSTUS* sp. Zingiberaceae.

No. LW-176. From Java.

261077. *DORSTENIA* sp. Moraceae.

No. LW-164. Ground plant to 1 foot high.

261078. *ELATOSTEMA REPENS* Hallier f. Urticaceae.

No. LW-167. From Sumatra. Ground cover; leaves green.

261079. *ELATOSTEMA VITTATUM* Hallier f.

No. LW-169. Creeping ground cover; leaves variegated.

261080. *ELATOSTEMA* sp.

No. LW-166. Growing in clumps to 4 feet high.

261081. *ELATOSTEMA* sp.

No. LW-168. Ground cover; leaves variegated.

261071 to 261097—Continued

- 261082.** HOMALOMENA sp. Araceae.
No. LW-173. Aroid; leaves hastate.
- 261083.** IXORA FLUGENS Roxb. Rubiaceae.
No. LW-165. Shrub to 10 feet high; leaves variegated.
- 261084.** LYCOPODIUM sp. Lycopodiaceae.
No. LW-184. Epiphyte.
- 261085.** MICONIA DENSIFLORA Cogn. Melastomataceae.
No. LW-160. Plant to 2.5 feet high.
- 261086.** OPHIORRHIZA sp. Rubiaceae.
No. LW-170. From Sumatra. Ground cover; leaves shiny; flowers small, white.
- 261087.** PHAEBOMERIA SPECIOSA (Blume) Koorá Zingiberaceae.
No. LW-177. Plant to 3 feet high.
- 261088.** PIPER sp. Piperaceae.
No. LW-163. Low ground cover.
- 261089.** TREVESIA SUNDAICA Miq. Araliaceae.
No. LW-162. Tree to 20 feet high.
- 261090.** ZINGIBER sp. Zingiberaceae.
No. LW-178. Plant to 8 feet high, in clumps; flowers yellow at base, growing in cluster of red bracts.
- 261091.** Undetermined.
No. LW-172. From New Guinea. Creeping ground cover.
- 261092 to 261097.** Seeds.
- 261092.** AGLAONEMA sp. Araceae.
No. LW-181.
- 261093.** ALPINIA ROBURGHIANA Valet Zingiberaceae.
No. LW-179.
- 261094.** CHLOROPHYTUM ORCHIDASTRUM Lindl. Liliaceae.
No. LW-183. From Africa. Plant to 2 feet high.
- 261095.** CYRTOSTACHYS LAKKA Beccari Phoenicaceae. **Palm.**
No. LW-161.
- 261096.** MAPANIA sp. Cyperaceae.
No. LW-182. Forest sedge; leaves long, broad, showy.
- 261097.** VICTORIA AMAZONICA Poepp. Nymphaeaceae. **Victoria waterlily.**
No. LW-159.

261098 and 261099.

From Spain. Seeds presented by the Estacion Experimental de Aula Dei, Zaragoza. Received Nov. 2, 1959.

- 261098.** AGROPYRON INTERMEDIUM (Host) Beauv. Poaceae.
Native to sandy places in northern Europe. Perennial; culms ascending, to 2 feet high.
- 261099.** AGROPYRON OBTUSIUSCULUM Lange

261100 to 261111. PRUNUS AMYGDALUS Batsch Amygdalaceae.**Almond.**

From Italy. Seeds presented by the Agricultural Experiment Station, Bari.
Received Nov. 3, 1959.

- 261100.** 'Barese'. From Monopoli. Tree to 4 meters high; flowers in February, annual performance fluctuating; exocarp weight 4.6 grams, height 2 mm.; kernel sweet; 18 kilos production of fruit per tree; commercial grade good.
- 261101.** 'Cannelicchio'. From Ruvo. Trees to 5 meters high; flowers in February; annual performance fluctuating; exocarp weight 3.2 grams, height 2.5 mm.; kernel bitter; 10 kilos production of fruit per tree; commercial grade good.
- 261102.** 'Catuccia'. From Ruvo. Trees to 5 meters high; flowers in February; annual performance fluctuating; exocarp weight 12.7 grams, height 3.4 mm.; kernel sweet; 12 kilos production of fruit per tree; commercial grade good.
- 261103.** 'Fragiulio'. From Bisceglie. Trees to 6 meters high; flowers in February; annual performance slightly fluctuating; exocarp weight 5.2 grams; height 3.2 mm.; kernel sweet; 10 kilos production of fruit per tree; commercial grade excellent.
- 261104.** 'Jascettua'. From Ruvo. Trees to 4 meters high; flowers in February; annual performance fluctuating; exocarp weight 3.2 grams; height 3 mm.; kernel sweet; 10 kilos production of fruit per tree; commercial grade good.
- 261105.** 'Mollese'. From Bisceglie. Trees to 5 meters high; flowers in February; annual performance fluctuating; exocarp weight 2.8 grams; height 2.5 mm.; kernel sweet; 10 kilos production of fruit per tree; commercial table grade.
- 261106.** 'Monaco'. From Castellaneta De Benedictus. Trees to 4 meters high; flowers in February; annual performance fluctuating; exocarp weight 2.9 grams; height 2.5 mm.; kernel sweet; 15 kilos production of fruit per tree; commercial grade good.
- 261107.** 'Montrone'. From Monopoli. Trees to 5 meters high; flowers in February; annual performance fluctuating; exocarp weight 7.4 grams; height 3 mm.; kernel sweet; 15 kilos production of fruit per tree; commercial grade good.
- 261108.** 'Ochiorosso'. From Ruvo. Trees to 3 meters high; flowers in February; annual performance fluctuating; exocarp weight 3.2 grams; height 2.5 mm.; kernel sweet; 15 kilos production of fruit per tree; commercial grade good.
- 261109.** 'Pizzuata Amara'. From Trani. Trees to 4 meters high; flowers in February; annual performance fluctuating; exocarp weight 3.2 grams; height 2.5 mm.; kernel bitter; 15 kilos production of fruit per tree; suitable for grafting stock.
- 261110.** 'Rana'. From Ruvo. Trees to 6 meters high; flowers in February; annual performance fluctuating; exocarp weight 3.5 grams; height 3 mm.; kernel sweet; 50 kilos production of fruit per tree; commercial grade excellent.
- 261111.** 'Troilo'. From Bisceglie. Trees to 4 meters high; flowers in February; annual performance slightly fluctuating; exocarp weight 3.5 grams; height 3 mm.; kernel sweet; 20 kilos production of fruit per tree; commercial grade excellent.

261112 to 261117.

From the Netherlands. Plants purchased from the Old Farm Nurseries, Boskoop.
Received Nov. 3, 1959.

261112. ANTHURIUM HARRISSII G. Don. Araceae.

Col. No. 6565.

261112 to 261117—Continued

261113. *ERICA MAMMOSA* L. Ericaceae.

Col. No. 6576.

261114. *LIMNOCHARIS FLAVA* (L.) Buch. Butomaceae.

Col. No. 6577.

261115. *MARCGRAVIA* sp. Marcgraviaceae.

Col. No. 6578.

261116. *NEPTUNIA PROSTRATA* (Lam.) Baill. Mimosaceae.

Col. No. 6570.

261117. *POTHOS SCANDENS* L. Araceae.

Col. No. 6579.

261118 to 261123.

From Indonesia. Seeds collected by W. H. Hodge, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 4, 1959.

From Botanical Garden, Bogor.

261118. *HYDRIASTELE ROSTRATA* Burret Phoenicaceae. **Palm.**

261119. *NORMANBYA NORMANBYI* (W. Hill) Bailey Phoenicaceae. **Palm.**

261120. *ORANIA ARUENSIS* Becc. Phoenicaceae.

261121. *PTYCHOCOCCUS PARADOXUS* (Scheff.) Becc. Phoenicaceae.

261122. *RAPHIA HOOKERI* Mann & Wendl. Phoenicaceae. **Palm.**

261123. *RAPHIA LAURENTII* De Wild. **Palm.**

261124. BETA VULGARIS L. Chenopodiaceae. Common beet.

From the Union of Soviet Socialist Republics. Seeds presented by the Pivnenko Seed Reserve, Shevchenko. Received Nov. 4, 1959.

'Mayday 028'.

261125 and 261126. CRATAEGUS AZAROLUS L. Malaceae. Hawthorn.

From Italy. Seeds presented by the Orto Botanico Della Universita. Received Nov. 4, 1959.

261125. Fruit red.

261126. Fruit yellow.

261127. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

From the Union of Soviet Socialist Republics. Seeds collected by D. W. Thorne, Middle-Asian Scientific Research Institute of Plant Breeding, Tashkent, Uzbek Republic. Received Nov. 4, 1959.

Fruit small, sweet; flesh white; said to ripen 40 days after emergence.

261128 to 261133.

From New Guinea. Rhizomes collected by J. J. Ochse, United Fruit Company Banana Expedition, Hollandia. Received Nov. 4, 1959.

261128. *MUSA* sp. Musaceae.

Col. No. O-11. 'Um'. Stem 10 meters high, 55 cm. thick, very waxy; juice pink.

261129 to 261133. *MUSA* × *PARADISIACA* L. **Plantain.**

261129. Col. No. O-12. 'Ulom'. Stem four meters high; seedless cooking banana.

261128 to 261133—Continued**261129 to 261133—Continued**

- 261130.** Col. No. O-13. 'Dibit'. Elevation 1,200 meters. Bunch small.
- 261131.** Col. No. O-14. 'Sirim'. Elevation 1,200 meters. Plant small; bract red.
- 261132.** Col. No. O-15. 'Suwa'. Elevation 1,200 meters. Plant small; juice white; bract red.
- 261133.** Col. No. O-16. 'Oerim'. Elevation 1,200 meters. Plant small; bract violet.

261134. SESAMUM PROSTRATUM Retz. Pedaliaceae.

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Nov. 27, 1959.

I.W. 1093.

261135 to 261137.

From Germany. Seeds collected by E. W. Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 5, 1959.

From R. Schreiber and Soehne, Braunschweig.

261135 and 261136. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

- 261135.** D 199. Resistant to beta, gamma, epsilon and zeta strains of *Colletotrichum lindemuthianum*.
- 261136.** D 199A. Resistant to alpha, gamma and delta strains of *Colletotrichum lindemuthianum*.

261137. PHASEOLUS (hybrid).

Col. No. D 200. (*P. coccineus* × *P. vulgaris*). 'Multigaris'. Cross made in Germany in 1936.

261138 to 261154.

From the Philippines. Rhizomes collected by P. H. Allen and N. G. Vakili, United Fruit Company, Banana Expedition. Received Nov. 5, 1959.

261138 to 261140. MUSA ACUMINATA Colla Musaceae.

- 261138.** No. 2-7357. 'Agotay'. Bridge near Lake Bulusan crossing, Sorsogon, Luzon. Elevation 480 meters. Similar to 'Saguing Machin', but fingers shorter, splayed; bunch more open handed; male bract darker green with purplish wash near the tip.
- 261139.** No. 2-7359. 'Agotay'. Guinobatan Experiment Station, Guinobatan, Albay. The only difference between 2-7359 and 'Saguing Machin' are its purplish male and female bracts.
- 261140.** No. 2-7367. 'Agotay'. Paez Drive, Mt. Mayon, Albay, Luzon. Elevation 660 meters.

261141. MUSA sp.

No. 2-7350. 'Bunguran'. San Domingo, Albay, Luzon. Elevation 170 meters. Plants robust, to 4.60 meters and 25 cm. in diameter; pseudostem purplish with black blotches; stools few, compact; bunch pendulous, 8 hands, about 130 fingers; fingers compact, long and ageotropic.

261142. MUSA sp.

No. 2-7351. San Jose, Malilipot, Albay, Luzon. Elevation 50 meters. Plants to 2.70 meters high and 15 cm. thick at base; light brown blotches at leaf base; stools few, compact; bunch horizontal; hands 5 and about 75 fingers perpendicular to rachis, 9 cm. long and 2.5 cm. thick.

261138 to 261154—Continued

261143. *MUSA* sp.

No. 2-7352. San Antonio, Tabaco, Albay, Luzon. Elevation 120 meters. Plants to 4.05 meters high and 33 cm. thick at base; pseudostem green with blackish blotches; stools few, compact; leaf base waxy; bunch pendulous, 10 hands and about 375 fingers which were pedicellate, ageotropic, cylindric, 12 cm. long and 3 cm. thick.

261144. *MUSA* sp.

No. 2-7354. 'Laknau'. Banao, Guinobatan, Albay, Luzon. Elevation 100 meters. Plants to 4.30 meters high and 32 cm. thick at base; pseudostem green with blackish blotches at leaf base; stools many, compact; bunch pendulous, 7 hands and about 100 fingers which were pedicellate, splayed, cylindric, angulate and 27 cm. long and 4.2 cm. thick.

261145. *MUSA* sp.

No. 2-7355. 'Inabaca'. Banao, Guinobatan, Albay, Luzon. Elevation 100 meters. Plants to 5.2 meters high and 22 cm. thick at the base; entire green pseudostem covered by dark brown blotches; stools many, compact; bunch sub-horizontal; fingers pedicellate, perpendicular to rachis; male bud ovate; bract green with purple margin.

261146. *MUSA* sp.

No. 2-7356. 'Racadag'. Juban, Sorsogon, Luzon. Plants to 1.60 meters high and 15 cm. thick at the base; entire pseudostem dark brown; stools many, compact; bunch pendulous; hands 7 with 125 fingers.

261147. *MUSA* sp.

No. 2-7358. 'Tudoc'. Guinobatan Experiment Station, Guinobatan, Albay, Luzon. Elevation 360 meters. Plants to 2.40 meters high and 20 cm. thick at the base; entire pseudostem dark brown to blackish; stools few, compact; bunch pendulous; hands 9 and about 145 fingers; bunch open handed.

261148. *MUSA* sp.

No. 2-7360. 'Turongkog'. Guinobatan Experiment Station, Guinobatan, Albay, Luzon. Elevation 360 meters. A Saba-type. Peduncle horizontal; leaves upright.

261149. *MUSA* sp.

No. 2-7361. 'Inangel'. Near Guinobatan Experiment Station, Guinobatan, Albay, Luzon. Plants to 2.30 meters high and 23 cm. thick at the base; stem green without brownish blotches; stools many, compact; bunch pendulous; 13 hands and 195 fingers; fingers pedicellate, semicompact, ageotropic, ellipsoid, angulate, 12 cm. long and 3 cm. thick.

261150. *MUSA* sp.

No. 2-7362. 'Siamese'. Guinobatan, Albay, Luzon. Elevation 350 meters. Plants to 4.10 meters high and 24 cm. thick at the base; entire stem brownish; stools many, compact; bunch pendulous, 12 hands, 240 fingers; fingers pedicellate, compact, partly ageotropic, ellipsoid, 11 cm. long and 3 cm. thick.

261151. *MUSA* sp.

No. 2-7363. 'Pinipita'. Palanog, Guinobatan, Albay, Luzon. Elevation 425 meters. Plants to 4.20 meters high and 26 cm. thick at the base; pseudostem green, slightly brownish near leaf base; stools many, compact; bunch sub-horizontal, 6 hands and 50 fingers; fingers pedicellate, compact, ageotropic, ellipsoid, angulate, 15 cm. long and 4 cm. thick.

261152. *MUSA* sp.

No. 2-7364. 'Benedito'. Baligang, Gamalig, Albay, Luzon. A Saba-type.

261138 to 261154—Continued**261153.** *MUSA* sp.

No. 2-7365. 'Sapnay'. Bario Padang, Legaspi, Albay, Luzon. Elevation 240 meters. Plant to 175 meters high and 13 cm. thick at the base; pseudostem light brown; stools many, compact; bunch horizontal, 6 hands and 90 fingers; fingers pedicellate, compact, perpendicular, ellipsoid, angulate, 12 cm. long and 2.2 cm. thick.

261154. *MUSA* sp.

No. 2-7366. 'Sarat Sut'. Danlog, Putiao, Sorsogon, Luzon. Elevation 240 meters. Plants to 3.38 meters high and 22 cm. thick at the base; entire pseudostem light brown; stools few, compact; bunch pendulous, 9 hands and 100 fingers; fingers pedicellate, compact, perpendicular to rachis, ellipsoid, 7 cm. long and 2 cm. thick.

261155. *ARUNDINARIA VARIEGATA* (Sieb.) Makino Poaceae.

From the Netherlands. Plants collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 6, 1959.

No Field Number.

261156 to 261167.

From Thailand. Plants collected by W. H. Hodge, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 6, 1959.

261156. *ADENIUM COETAENUM* Stapf Apocynaceae.**261157.** *AFGEKIA* sp. Fabaceae.**261158.** *CANNA* sp. Cannaceae.**261159.** *ERYTHRINA* sp. Malaceae.**261160.** *JASMINUM REX* Dunn. Oleaceae.

Flowers double.

261161. *NELUMBO* sp. Nymphaeaceae.

Flowers double, pink.

261162. *NELUMBO* sp.

Flowers white.

261163. *STRONGYLODON* sp. Fabaceae.**261164.** *MYRMECODIA* sp. Rubiaceae.

Epiphyte on tree or tree fern.

261165. Undetermined.**261166.** Undetermined.**261167.** Undetermined.**261168.** *MAGNOLIA SARGENTIANA* Rehd. & Wils. Magnoliaceae.

From Great Britain. Seeds presented by Nyman's Gardens, Handcross, Sussex, England. Received Nov. 6, 1959.

'Robusta'.

261169 and 261170. *MYRCIARIA JABOTICABA* (Vell.) Berg. Myrtaceae.

From Brazil. Seeds presented by the Instituto Agronomico do Estado de Sao Paulo, Campinas. Received Nov. 9, 1959.

261169. 'Paulista'.**261170.** 'Rajada'.

261171 to 261210.

From Great Britain. Plants purchased from Hillier & Sons, Winchester, England. Received Nov. 9, 1959.

- 261171 to 261173.** MAHONIA AQUIFOLIUM (Pursh.) Nutt. Berberidaceae.
Oregongrape.
271171. 'Aldenhamensis'.
261172. 'Moseri'.
261173. 'Undulata'.
- 261174.** MAHONIA FORTUNEI (Lindl.) Fedde
261175. MAHONIA NAPAULENSIS D.C.
261176. CYTISUS DALIMOREI Rolfe Fabaceae. **Broom.**
261177. CYTISUS HIRSUTUS L. **Broom.**
261178. ABELIA CHINENSIS R. Br. Caprifoliaceae.
261179. ABELIA FLORIBUNDA (Mart. & Gal.) Decaisne **Mexican abelia,**
261180. ABELIA GRAEBNERIANA Rehd.
'Vedrariensis'.
261181. ABELIA SCHUMANNII (Graebn.) Rehder
261182. ABELIA SERRATA Sieb. & Zucc.
261183. COTONEASTER × WATERERI Exell
'Exburiensis'.
261184. CYTISUS sp. Fabaceae.
261185 to 261197. FAGUS SYLVATICA L. Fagaceae. **European beech.**
- | | |
|---------------------------|----------------------------|
| 261185. 'Albo-variegata'. | 261192. 'Quercifolia'. |
| 261186. 'Cristata'. | 261193. 'Riversii'. |
| 261187. 'Faux de Vesey'. | 261194. 'Rohanii'. |
| 261188. 'Grandidentata'. | 261195. 'Roseo-marginata'. |
| 261189. 'Norwegienses'. | 261196. 'Rotundifolia'. |
| 261190. 'Pendula Aurea'. | 261197. 'Zlatia'. |
261191. 'Purpureo-pendula'.
- 261198.** FOKIENIA HODGINSII (Dunn) Henry & Thomas Pinaceae.
261199. JASMINUM ANGULARE Vahl. Oleaceae.
261200. JASMINUM FLORIDUM Bunge
261201. JASMINUM HUMILE var. GLABRUM (D.C) Kobuski.
261202. JASMINUM HUMILE var. REVOLUTUM (Sims) Kobuski
261203. JASMINUM PARKERI Dunn.
261204. KOELREUTERIA PANICULATA Laxm. Sapindaceae.
Panicled goldenrain-tree.
'Fastigiata'.
261205. LABURNUM CARAMANICUM (Boiss. & Heldr.) Benth. & Hook. f.
Fabaceae.
261206. LIRIOPE GRAMINIFOLIA (L.) Baker Liliaceae.
'Densiflora'.
261207. PHOTINIA PRIONOPHYLLA (Franch.) Schneid. Malaceae.
261208. SALIX BOCKII Seem. Salicaceae.
261209. STACHYURUS HIMALAICUS Hook f. & Thoms. Stachyuaceae.
261210. ZELKOVA CRETICA Spach Ulmaceae.

261211. PINUS sp. Pinaceae.

From the Union of Soviet Socialist Republics. Seedling presented to the Alaska Agricultural Experiment Station, Palmer, Alaska by Sen. Ernest Gruening.

From Siberia.

261212 and 261213.

From Great Britain. Plants and cuttings collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 10, 1959.

261212. RUTA GRAVEOLENS L. Rutaceae.

Col. No. 7379. 'Jackmans'. Chelsea Physic Garden, London, England. Foliage bluer than the normal type.

261213. SINARUNDINARIA NITIDA (Mitf.) Nakai Poaceae. Bamboo.

Col. No. 7357. Middleton House, Enfield, Herts, England. Clump type; culms to 10 feet high.

261214 to 261219.

From Great Britain and the Netherlands. Seeds collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 10, 1959.

261214. AESCULUS INDICA (Royle) Hook. Aesculaceae.

Col. No. 7380. Royal Botanic Gardens, Kew, Surrey, England. Deciduous tree to 40 feet high; flowers white.

261215. DECAISNEA FARGESII Franch. Lardizabalaceae.

Col. No. 7378. Garden of J. R. P. van Hoey Smith, Trompenburg, Rotterdam, the Netherlands. Deciduous shrub to 15 feet high; fruit fleshy, dark metallic blue at maturity.

261216. ILEX MELANOTRICHA Merrill Aquifoliaceae.

Col. No. 7361. Exbury House, Exbury, Hants, England. Evergreen tree, to 12 feet high; bark smooth; berries red.

261217. QUERCUS PHILLYRAEOIDES A. Gray Fagaceae.

Col. No. 7377. Royal Botanic Gardens, Kew, Surrey, England. Evergreen tree to 25 feet high; branches dense.

261218. QUERCUS × TURNERI Willd.

Col. No. 7376. 'Pseudoturneri'. Royal Botanic Gardens, Kew, Surrey, England. Globose semi-evergreen tree to 30 feet high; branches dense.

261219. VIBURNUM HARRYANUM Rehder Caprifoliaceae.

Col. No. 7366. Exbury House, Exbury, Hants, England. Evergreen shrub to 10 feet high; branches dense; fruit metallic blue. Native of Southwest China.

261220 to 261223.

From Afghanistan and Turkey. Plants growing at the Regional Plant Introduction Station, Ames, Iowa. Numbered Nov. 10, 1959.

261220. AGROPYRON BUONAPARTIS (Spreng.) Dur. & Schinz. Poaceae.

From Afghanistan. A separate from P.I. 193264, *A. orientale*.

261221. AGROPYRON ORIENTALE var. LANUGINOSUM (Griseb.) Richter

From Afghanistan. A separate from P.I. 193264, *A. orientale*.

261222. AGROPYRON REPENS (L.) Beauv.**Quackgrass.**

From Turkey. A separate from P.I. 174011, *A. intermedium*.

261223. SETARIA ITALICA (L.) Beauv. Poaceae.**Foxtail millet.**

From Afghanistan. A separate from P.I. 220538, *Panicum miliaceum*.

261224 to 261237.

From Great Britain. Cuttings purchased from Hiller & Sons, Winchester, Hants, England. Received Nov. 12, 1959.

- 261224 to 261228. *ILEX AQUIFOLIUM* L. Aquifoliaceae. English holly.
 261224. 'Bicolor'.
 261225. 'Latispina Minor'.
 261226. 'N.E. Barnes'.
 261227. 'Recurva'.
 261228. 'Variegata'.
 261229. *ILEX CASSINE* L. Dahoon.
 261230. *ILEX CORALLINA* Franch. Coral holly.
 261231. *ILEX DIPYRENA* Wall. Himalaya holly.
 261232 and 261233. *ILEX FARGESII* Franch.
 261232. No data.
 261233. 'Sclerophylla'.
 261234. *ILEX HOOKERI* King
 261235. *ILEX MELANOTRICHA* Merrill
 261236. *ILEX YUNNANENSIS* Franch.
 261237. *ILEX* sp.
 'Forrest 24826'.

261238 to 261264.

From Great Britain. Plants presented by Fisk's Clematis Nursery, Westleton, Saxmundham, Suffolk, England. Received Nov. 12, 1959.

261238. *CLEMATIS ARMANDII* Franch. Ranunculaceae. Armand clematis
 'Apple Blossom'.
 261239. *CLEMATIS CALYCINA* (Soland.) Ait
 261240. *CLEMATIS CHRYSOCOMA* Franch.
 261241. *CLEMATIS CIRRHOSA* L.
 261242 and 261243. *CLEMATIS FLAMMULA* L. Plume clematis.
 261242. No data.
 261243. 'Rubra Marginata'.
 261244. *CLEMATIS FLORIDA* f. *SIEBOLDII* (D. Don.) Rehder
 261245. *CLEMATIS JOUINIANA* C. K. Schneider
 'Cote d'Azur'.
 261246. *CLEMATIS MONTANA* Buch.-Ham. ex DC. Anemone clematis.
 261247. *CLEMATIS NAPAULENSIS* DC.
 261248. *CLEMATIS REHDERIANA* Craib.
 261249. *CLEMATIS VEDRARIENSIS* var. *ROSEA* Mottet.
 261250 to 261252. *CLEMATIS VITICELLA* L. Italian clematis.
 261250. No data.
 261251. 'Alba-luxuriana'.
 261252. 'Rubra'.
 261253 to 261264. *CLEMATIS* (hybrids).
 261253. 'Bees Jubilea'. 261255. 'Hagley Hybrid'.
 261254. 'Countess of Lovelace'. 261256. 'Hybrida Sieboldi'.

261238 to 261264—Continued**261253 to 261264—Continued**

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|-------------------------------|--------------------------|
| 261257. 'King George V'. | 261261. 'Madam Grange'. |
| 261258. 'Lady Londesborough'. | 261262. 'Marcel Moser'. |
| 261259. 'Lincoln Star'. | 261263. 'Miss Crawshay'. |
| 261260. 'Lucy Lemoine'. | 261264. 'Mrs. Oud'. |

261265. ZEA MAYS L. Poaceae.**Corn.**

From Peru. Seeds presented by the Cooperative Program of Corn Investigation, Escuela Nacional de Agricultural, Lima. Received Nov. 18, 1959.
'Cuzco 58'. 'Blanco de Urubamba'.

261266. STYLOSANTHES GRACILIS H.B.K. Fabaceae.

From the Belgian Congo. Seeds presented by the Agricultural Officer, Leopoldville. Received Nov. 18, 1959.

A selection made at the Kaniama Experiment Station.

261267 and 261268.

From France. Seeds collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 30, 1959.

From the Arboretum des Barres Ecole Forestiere, Nationale de Francaise, Nogent-sur-Vernisson.

261267. AESCULUS TURBINATA Blume Aesculaceae. Japanese horsechestnut.
Col. No. 7239. Wide-spreading tree to 40 feet high.

261268. CORNUS WALTERI Wangerin Cornaceae.

Col. No. 7208. Tree to 30 feet high; trunk 14 inches in diameter at base; bark fissured; fruit gray, nearly black.

261269 and 261270. PYRUS COMMUNIS L. Malaceae.**Pear.**

From Yugoslavia. Seeds collected by L. F. Hough, Tara Mountain, West Central Serbia. Received Dec. 3, 1959.

261269. No. 8. Six-tenths mile north of Tara Kafana and east of Turistic. Elevation 4,000 feet. Tree strong, old, upright; fruit to one inch diameter.

261270. No. 9. Six-tenths mile west from Tara hotel. Elevation 4,000 feet. Tree large, old; fruits yellow, to one inch diameter.

261271 and 261272. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From Thailand. Seeds presented by Garland Bare, Missionary, Pua, Nan Province. Received Dec. 8, 1959.

261271. 'Tua Luang' or "Yellow Bean". Grown in hot lowlands, elevation to 1,000 feet in northern Thailand.

261272. 'Tua Nao' or "Stinking Bean". Grown by primitive hill tribes, elevation to 5,000 feet in northern Thailand and Laos.

261273 to 261286.

From New Guinea. Rhizomes collected by J. J. Ochse, United Fruit Company, Banana Expedition. Received Nov. 12, 1959.

From Hollandia.

261273 to 261275. MUSA ACUMINATA Colla Musaceae.

261273. O-18. 'Drum'. Plants to 2.5 meters high; fruit skin yellow when ripe; seeds many.

261274. O-26. 'Drum Maskawai'. Plants to six meters high.

261275. O-28. 'Onduarku'. Fruit in large bunches; nine hands each with 16 fingers; bracts red.

261273 to 261286—Continued

- 261276 to 261285.** *MUSA* × *PARADISIACA* L. **Plantain.**
- 261276.** O-17. 'Cengi-undu'. Elevation 100 meters. Plant to three meters high; juice white.
- 261277.** O-19. 'Mandang'. Elevation 100 meters.
- 261278.** O-20. 'Aanduk'. Elevation 100 meters. Plants to 3 meters high; only 2 hands, each with 9 fingers.
- 261279.** O-21. 'Dare'. Plant to 3 meters high; only 5 hands, each with 14 fingers.
- 261280.** O-22. 'Kenjo'. Elevation 225 meters. Pseudostems brown; green.
- 261281.** O-23. 'Kapas'. Pseudostem green; plant 4 meters high; only 4 hands; each with 12 fingers.
- 261282.** O-24. 'Kainjo'. Elevation 125 meters. Stem to 2 meters high only 3 hands, each with 8 fingers.
- 261283.** O-25. Plants to 5 meters high; bunch small; 4 hands, each with 12 fingers; skin red.
- 261284.** O-29. Nine hands each with 22 fingers.
- 261285.** O-30. 'Undujamau'. Stem to 3 meters high; fruit 15 cm. long, 2.5 cm. diameter.
- 261286.** *MUSA* sp.
- O-27. 'Ibodrum'.

261287 and 261288.

From Mexico. Tubers and plants collected by H. S. Gentry and D. S. Correll, agricultural explorers, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 17, 1959.

Sierra Mohinora, Chihuahua.

261287. *SOLANUM FENDLERI* A. Gray Solanaceae.

Col. No. 17995. Small herbs to 15 cm. high forming colony on rocks. Elevation, 7500 feet. (Tubers)

261288. *ECHEVERIA* sp. Crassulaceae.

Col. No. 18000. Flowers in small rosettes with white petals and purple anthers. Elevation 10,000 feet. (Plants)

261289. *CITRUS* sp. Rutaceae.

From New Guinea. Seeds presented by the Director of Agriculture, Stock and Fisheries, Port Moresby, Papua. Received Nov. 13, 1959.

Collected at the Plant Introduction Station, Laloki, near Port Moresby. "Sepora" which is grown for juice throughout the region; it has a small fruit.

261290. *POA BULBOSA* L. Poaceae. **Bulbous bluegrass.**

From the Netherlands. Seeds presented by the Agricultural University, Wageningen. Received Dec. 8, 1959.

Vivipara type.

261291 to 261298.

From Germany. Plants and seeds presented by George Arends, Wuppertal-Ronsdorf. Received Nov. 13, 1959.

261291 to 261293. Plants.

261291. *ACONITUM* × *ARENDSII* Arends Ranunculaceae. **Monkshood.**

261291 to 261298—Continued**261291 to 261293—Continued**

261292. HYDRANGEA (hybrid). Hydrangeaceae.

'Hortensia'. *H. acuminata* × *H. macrophylla*.

261293. SEDUM (hybrid). Crassulaceae.

'Herbstfreude'. *S. spectabile* × *S. telephium*.

261294 to 261298. Seeds.

261294. PRIMULA × ARENDSII Pax Primulaceae.

Primrose.

'Multiflora'.

261295 to 261298. PRIMULA OBCONICA Hance

Top primrose.

261295. 'Atrocoerulea'.

261296. 'Neulachs'.

261297. 'Arends Alba-nova'.

261298. 'Ronsdorfer Dunkelrote'.

261299 and 261300. CAJANUS CAJAN (L.) Druce. Fabaceae.

Pigeonpea.

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Nov. 16, 1959.

261299. Normal plants.

261300. Prostrate mutant.

261301 to 261304.

From Mozambique. Seeds presented by the Center for the Scientific Investigations of Cotton, Lourenco Marques. Received Nov. 16, 1959.

261301. ABUTILON sp. Malvaceae.

G. Barbosa et L. Macuacua, No. 8680.

261302. CORCHORUS sp. Tiliaceae.

G. Barbosa et L. Macuacua, No. 8681.

261303. HIBISCUS sp. Malvaceae.

G. Barbosa et L. Macuacua, without number.

261304. SANSEVIERIA sp. Liliaceae.

G. Barbosa et L. Macuacua, No. 8679.

261305 to 261309.

From Portugal. Bulbs and cuttings collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 16, 1959.

261305. BEGONIA PAULENSIS A. DC. Begoniaceae.

Col. No. 7393. Public market, Oporto. Plants rhizomatous; leaves to 1 foot across; flowering scapes to 18 inches long, succulent, flowers white; fruit red, hairy. (Cuttings.)

261306. CAMELLIA JAPONICA L. Theaceae.

Common camellia.

Col. No. 7416. Park de Pena, Sierra de Sintra, Lisbon. Leaves white edged; flowers deep pink, opening flat, single type. (Cuttings).

261307. CROCUS CLUSII J. Gay. Iridaceae.

Col. No. 7382. Thirty miles east of Oporto. Flowers rose-violet. (Bulbs).

261308. DACRYDIUM CUPRESSINUM Soland ex Lamb Taxaceae. Rimu.

Col. No. 7415. Park de Pena, Sierra da Sintra, Lisbon. Evergreen tree to 30 feet high; branches and twigs weeping. (Cuttings.)

261305 to 261309—Continued

261309. *DACRYDIUM CUPRESSINUM* Soland ex Lamb **Rimu.**

Col. No. 7398. Quinto de Monserrate, Sierra da Sintra, Lisbon. Tree to 40 feet high; branches and twigs pendulous; bark whitish.

261310 to 261325.

From Indonesia. Seed (unless otherwise noted) collected by W. H. Hodge, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 16, 1959.

261310 to 261325. Botanical Garden, Bogor.

261310. *ALOCASIA* sp. Araceae.

Col. No. LW-222. From Sumatra.

261311. *BAUHINIA ACUMINATA* L. Caesalpiniaceae. **Snowy bauhinia.**

Col. No. LW-194. Flowers three inches across, pure white.

261312. *CASSIA SURATTENSIS* Burm. f. Caesalpiniaceae.

Col. No. LW-193. Small tree; flowers pale yellow.

261313. *CYANASTRUM BUSSEI* Engl. Pontederiaceae.

Col. No. LW-234. From Africa. (Bulbs).

261314. *CYANASTRUM CORDIFOLIUM* Oliver

Col. No. LW-233. (Corms).

261315. *LUZURIAGA LAXIFOLIA* H. Hallier Liliaceae.

Col. No. LW-189. Climber.

261316. *PARALINOSPADIX GEONOMIFORMIS* Burret. Phoenicaceae. **Palm.**

Col. No. LW-195. Plant to eight feet high.

261317. *PHALERIA WICHMANNII* Valetton Thymelaeaceae.

Col. No. LW-197. Small tree.

261318. *PHALERIA* sp.

Col. No. LW-187. Cauliflorous small tree.

261319. *PHYLLANTHUS* sp. Euphorbiaceae.

Col. No. LW-191. Small tree; leaves ornamental; sumac-like.

261320. *PLEOMELE* sp. Liliaceae.

Col. No. LW-185. Shade plant to 2.5 feet high.

261321. *QUASSIA AMARA* L. Simaroubaceae.

Col. No. LW-196. Small tree; flowers red.

261322. *STACHYTARPHETA* sp. Verbenaceae.

Col. No. LW-188. Herb to 6 feet high; flowers salmon-pink.

261323. *STIFFTIA CHRYSANTHA* Mikan. Asteraceae.

Col. No. LW-192. Shrub to 15 feet high; flowers orange.

261324. *TABERNAEMONTANA FLORIBUNDA* Glume Apocynaceae.

Col. No. LW-190. Fifteen foot tree; flowers white.

261325. *WARSZEWICZIA COCCINEA* (Vahl) Klotzsch. Rubiaceae.

Col. No. LW-186. Tree with red poinsettia-like flowers.

261326 to 261334.

From Mexico. Plants obtained by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 17, 1959.

261326. AGAVE sp. Amaryllidaceae.

Col. No. 17981. 'Lechuguilla'. Ten miles southwest of Nabogame, Chihuahua. Elevation 6,000 feet. Solitary plants, leaves narrow, green, filiferous, paint-marked, fine-spined, to 8 inches long.

261327 AGAVE sp.

Col. No. 17988. Sierra Chinatu, Chihuahua. Elevation 7,500 feet. Plants small, dark green; rosettes single and cespitose, about 10 inches across; leaves spreading, straight.

261328. AGAVE sp.

Col. No. 17989. Five miles southeast of Nabogame, Chihuahua. Plant same as P.I. 261327, but teeth more distal.

261329. AGAVE sp.

Col. No. 17990. Rocky, sunny slope. Guadalupe y Calvo, Chihuahua. Elevation 7,500 feet. Plant small, globose; rosettes green, multileaved, about 10 inches wide at maturity; leaves paint-marked.

261330. AGAVE sp.

Col. No. 18019. Fifteen miles northeast of El Vergel, Chihuahua. Plants glaucous, green, balled, compact; rosettes, stiff leaved, forming large clonal colonies; panicle to 3 feet high with 20 to 25 laterals.

261331. AGAVE sp.

Col. No. 18061. Rocky slope. Rio Florida and Durango highway. Plant with gray green rosettes; leaves ascending.

261332. AGAVE sp.

Col. No. 17922.

261333. AGAVE sp.**261334.** MANFREDA sp. Amaryllidaceae.

Col. No. 18103. Rio San Juan basin, Chihuahua. Plant with single rosettes; leaves curving, conduplicated, light green and faintly red-spotted.

261335 to 261343.

From the Philippines. Suckers collected by P. H. Allen and N. G. Vakili, agricultural explorers, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 17, 1959.

261335 and 261336. MUSA ACUMINATA Colla. Musaceae. **Banana.**

261335. No. 2-7368. 'Agotay'. Mountainous area northeast of Mount Apo, Davao Province, Mindanao. Elevation 3,200 feet. Plants to 15 feet high and 8 inches diameter, at base; pseudostems purplish, black blotched; stools compact 15 hands; fingers ageotropic and pedicellated, 4 inches by .5 inch, beak at apex; fruits ripen yellow-green. Second growth scrub, dominated by tree ferns.

261336. No. 2-7371. 'Agotay'. Eastern slopes of Mount Apo, Upper Catigan Valley, Davao Province, Mindanao. Elevation 3,100 feet. Plant typical for area; male bracts purple rather than green.

261337. MUSA sp.

No. 27370. Eastern slopes of Mount Apo, Upper Catigan Valley, Davao Province, Mindanao. Elevation 2,950 feet. Pseudostems purple, brown blotched at upper leaf sheath; stools compact; bunch horizontal, 7 hands; fingers ageotropic to splayed, 4 by .3 inch; leaves purplish; male bract heavily striped purple on surface, yellowish within; pollen abundant; fruits yellow, seedy, edible.

261335 to 261343—Continued**261338.** *MUSA* sp.

No. 2-7372. Sowawon, Saog, west of Compostela, Davao Province, Mindanao. Elevation 850 feet. Plants to 10 feet high, 7 inches diameter, at base; pseudostems green, light brown blotched; stools, compact; bunch pendulous, 6 hands; male bracts dull purplish, brown on outer surface, yellow with purplish edges within. Appears diploid.

261339. *MUSA* sp.

No. 2-7373. 'Inahoy'. Forested hills west of Compostela, Davao Province, Mindanao. Elevation 850 feet. Pseudostems green with black blotches; stools compact; bunch pendulous, 8 hands; fingers pedicellate, ageotropic, 4 by 0.5 inch. Probably a triploid.

261340. *MUSA* sp.

No. 2-7374. 'Inambak'. Elevation 800 feet. Plant solitary 12 feet by 10 inches at base; suckers many; pseudostem yellowish-green; bunch horizontal, 9 compact hands; fingers 4 by 1.5 inches; male bracts yellow, several lifting at the same time.

261341. *MUSA* sp.

No. 2-7375. Balawan, Makilala, Cotabato Province, Mindanao. Elevation 1,100 feet. Plants to 10 feet high by 10 inches diameter, at base; pseudostems light green, light brown blotches; bunch horizontal, 7 hands, fingers partially ageotropic, pedicellate, splayed, 3 by .6 inch parthonocarpic.

261342. *MUSA* sp.

No. 2-7376. 'Binactong'. Balawan, Makilala, Cotabato Province, Mindanao. Elevation 1,500 feet. Plants to 9 feet high by 4 inches diameter at base; pseudostems few, green with slight blackish tinge; stools compact; bunch subhorizontal, 4 hands, fingers pedicellate and splayed.

261343. *MUSA* sp.

No. 2-7377. 'Guyod'. Kadalihan, Calinan, mountainous area northeast of Apo Volcano, Davao Province, Mindanao. Elevation 2,000 feet. Pseudostems to 10 feet high by 8 inches diameter at base, green with scattered black blotches; stooling; 9 hands pendulous; male bract greenish-yellow; foliage susceptible to leaf spot.

261344 to 261364. *CLEMATIS* (hybrids). *Ranunculaceae*.

From France. Plants presented by Andra Girault, Horticulteur-Pepinieriste, Orleans (Loiret). Received Nov. 18, 1959.

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| 261344. 'Alba Luxurians'. | 261355. 'Pourpre Mat'. |
| 261345. 'Bagatelle'. | 261356. 'Purpurea Plena'. |
| 261346. 'Caravelle'. | 261357. 'Queen Alexandra'. |
| 261347. 'Colette Deville'. | 261358. 'Rubella'. |
| 261348. 'Dr. Andre Devillers'. | 261359. 'Sir du Cap', 'Thuilleaux'. |
| 261349. 'Dr. Lebele'. | 261360. 'Venosa'. |
| 261350. 'Gem'. | 261361. 'Ville de Limoges'. |
| 261351. 'Kermesina'. | 261362. 'Ville de Paris'. |
| 261352. 'Le Cid'. | 261363. 'Yvette Houry'. |
| 261353. 'Mme. Van Houtte'. | 261364. 'Xerxes'. |
| 261354. 'Modesta'. | |

261365. *URGINEA MARITIMA* (L.) Baker *Liliaceae*. **Sea-onion.**

From Portugal. Bulbs collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 19, 1959.

Col. No. 7423. 'Squill'. Rocky slopes 900 feet above the Dauro River, 35 miles east of Oporto. Bulbs to 4 inches in diameter; leaves grow in autumn and flowers in spring.

261366 to 261398.

From Indonesia. Plants and cuttings, collected by W. H. Hodge, collaborator,
New Crops Research Branch, Crops Research Division, Beltsville, Md.
Received Nov. 19, 1959.

Botanical Garden, Bogor.

261366. *AGLAONEMA* sp. Araceae.

No. LW-211. Creeper from Java.

261367. *ALOCASIA* sp. Araceae.

No. LW-221. Plant to 3 feet high.

261368. *BOERLAGIODENDRON NOVO-GUINEENSE* Harms Araliaceae.

No. LW-231. From New Guinea.

261369. *CALATHEA LIETZEI* E. Morren. Marantaceae.

No. LW-200. Leaves variegated. From Brazil.

261370. *CALATHEA PICTURATA* (Linden) Koch. & Lind.

No. LW-206. Leaves purplish below, variegated above. Brazil.

261371. *CALATHEA TRIFASCIATA* Koern

No. LW-201. Leaves variegated. Brazil.

261372. *CALATHEA UNDULATA* Regel

No. LW-205. Ground cover leaves variegated. Ecuador.

261373. *CALATHEA* sp.

No. LW-202. Leaves variegated. Brazil.

261374. *CALATHEA* sp.

No. LW-204. Creeper; leaves variegated; purplish below.

261375. *CORDYLINE* sp. Liliaceae.

No. LW-229. Leaves pink, white and green.

261376. *CORDYLINE YOUNGII* Hort.

No. LW-228.

261377. *CULCASIA MANNII* Engl. Araceae.

No. LW-214. Ground cover; leaves pale green.

261378. *HITCHENIOPSIS KUNSTLERI* Ridley Zingiberaceae.

No. LW-218. Low plant.

261379. *HOLOCHLAMYS* sp. Araceae.

No. LW-226. Plant to several feet high. From New Guinea.

261380. *HOMALOMENA HUMILIS* Hook. f. Araceae.

No. LW-216. 'Major Pygmaea'. Creeping aroid. From Java.

261381. *HOMALOMENA POLYANDRA* Alderwer

No. LW-225. Forest herb.

261382. *HOMALOMENA RUBRA* Hassk.

No. LW-215. Ground cover. From Java.

261383. *HOMALOMENA SULCATA* Engl.

No. LW-207. Creeping ground cover. Java.

261384. *HOMALOMENA WALLISI* Regel.

No. LW-212. Leaves variegated.

261385. *LYCOPodium CARINATUM* Desv. Lycopodiaceae.

No. LW-213. Epiphyte.

261366 to 261398—Continued

261386. *MARANTA SPLENDIDA* Lem. Marantaceae.

No. LW-198. Leaves variegated. Brazil.

261387. *PLEIOSTACHYA PRUINOSA* K. Schum. Marantaceae.

No. LW-219. Plant to 8 feet; foliage dark green above, purplish below.

261388. *SANSEVERIA CYLINDRICA* Bojer. Liliaceae.

No. LW-230. 'Xerophyte'. Africa.

261389. *SCHISMATOGLOTTIS CONCINNA* var. *MACULATA* N.E. Br. Araceae.

No. LW-209. Ground cover.

261390. *SCHISMATOGLOTTIS PICTA* Schott

No. LW-227. Creeping aroid.

261391. *SPATHIPHYLLUM* sp. Araceae.

No. LW-224. Flowers showy. From New Guinea.

261392. *STACHYPHRYNIUM GRIFFITHII* K. Schum. Marantaceae.

No. LW-217. Plant to three feet high.

261393. *STACHYPHRYNIUM JAGORIANUM* (C. Koch) Schum.

No. LW-210. Forming small clumps as ground cover. From Java.

261394. *STROMANTHE SANGUINEA* Sond. Marantaceae.

No. LW-199. Plant to six feet; leaves deep purple beneath.

261395. *TREVESIA BURCKII* Boerl. Araliaceae.

No. LW-232. Tree from Sumatra.

261396. Undetermined. Asclepiadaceae.

No. LW-203. Climber.

261397. Undetermined. Araceae.

No. LW-208. Ground cover; leaves variegated. From Sumatra.

261398. Undetermined. Marantaceae.

No. LW-220. Forming clumps, creeping on ground; leaves variegated; flowers small, white at base of plant. From Java.

261399. *CITRUS* sp. Rutaceae.

From Thailand. Seeds presented by Garland Bare, Missionary, Pua Nan Province. Received Nov. 30, 1959.

Fruit very acid. Elevation 1,000 feet.

261400 to 261402.

From Canada. Seeds presented by Hogg & Lytle Limited, Oakwood, Ontario. Received Nov. 19, 1959.

261400 and 261401. *SECALE CEREALE* L. Poaceae.

Rye.

261400. 'Bjorn Fall'.

261401. 'Double Steel Fall'.

261402. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

'Diana Fall No. 0261'.

261403 to 261438.

From Indonesia. Cuttings (unless otherwise noted) collected by W. H. Hodge, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received November 19, 1959.

Botanical Garden, Bogor.

261403 to 261438—Continued

- 261403.** ACALYPHA. Euphorbiaceae.
No. LW-247. Shrub; leaves green and white variegated.
- 261404.** AGLAODORUM GRIFFITHII Schott Araceae.
No. LW-263. Aquatic; leaves erect in clumps.
- 261405.** ANUBIAS LANCEOLATA N.E. Br. Araceae.
No. LW-262. Aquatic in shallow water.
- 261406.** ARACHIS sp. Fabaceae.
No. LW-238. Cultivated.
- 261407.** CANNA GLAUCA L. Cannaceae.
No. LW-256. Aquatic canna growing to 6 feet high; flowers yellow.
- 261408.** CYRTOSPERMA HASTATUM Alderwer Araceae.
No. LW-260. Shallow water aquatic aroid.
- 261409.** CYRTOSPERMA LASIODES Griffith
No. LW-264. Large aquatic; leaves to six feet long. Native to Malaya.
- 261410.** CYRTOSPERMA MERKUSII Schott
No. LW-256. Aquatic aroid growing to six feet high.
- 261411.** CYRTOSPERMA JOHNSTONII N.E. Br.
No. LW-259. Shallow water aroid to 10 feet high.
- 261412.** ECHINODORUS sp. Alismaceae.
No. LW-266. Aquatic; flowers large.
- 261413.** EPIPREMNUM CERAMENSE (Engl. S. Krouse) Alderwer Araceae.
No. LW-245. 'Flavispathium'. Scandent aroid.
- 261414.** EPIPREMNUM MAMPUANUM Alderwer
No. LW-246. Scandent aroid.
- 261415.** HOYA sp. Asclepiadaceae.
No. LW-236. Creeping epiphyte. From Antonia.
- 261416.** KOPSIA ALBIFLORA Blume Apocynaceae.
No. LW-249. Shrub to eight feet high; flowers white, starlike, two inches across.
- 261417.** KOPSIA FRUTICOSA (Ker.) A. DC.
No. LW-240. Shrub to eight feet high; flowers pink.
- 261418.** LASIA ACULEATA Lour. Araceae.
No. LW-255. Large erect aquatic aroid.
- 261419.** LIMNOCHARIS FLAVA (L.) Buch. Butomaceae.
No. LW-261. Aquatic; flowers yellow.
- 261420.** Undetermined. Araceae.
No. LW-223. Scrambling vine.
- 261421.** BAUHINIA WINITII Craib Caesalpiniaceae.
No. LW-243. Vine that can be trained as shrub or hedge plant; flowers large.
- 261422.** OCHNA sp. Ochnaceae.
No. LW-242. Slow growing shrub to eight feet high; flowers in dense clusters, yellow.

261403 to 261438—Continued**261423.** *POTHOS HERMAPHRODITUS* Merrill Araceae.

No. LW-250. Scandent aroid; leaves compound fernlike; cultivated.

261424. *RANDIA MALLEIFERA* Benth. & Hook. f. Rubiaceae.

No. LW-251. Large shrub; flowers hanging, large, white.

261425. *RHAPHIDOPHORA PEPLOIDES* Engl. Araceae.

No. LW-258. Scandent aroid. Cultivated.

261426. *STERIPHOMA ELLIPTICA* Spreng. Capparaceae.

No. LW-241. Straggly shrub to five feet high; flowers orange.

261427. *WARSZEWICZIA COCCINEA* (Vahl) Klotzsch. Rubiaceae.

No. LW-244. Small tree; bracts red, over yellow flowers.

261428. Undetermined. Apocynaceae.

No. LW-252. Plant to 25 feet high.

261429. *ANUBIAS LANCEOLATA* N. E. Br. Araceae.

No. LW-254. Aquatic aroid to four feet high. (Seeds).

261430. *ARENGA AMBONG* Becc. Phoenicaceae.**Palm.**

No. LW-264. Large aquatic; leaves to six feet long. (Seeds).

261431. *CYRTOSPERMA LASIODES* Griffith Araceae.

No. LW-264. Large aquatic; leaves to six feet long. Native to Malaya. (Seeds).

261432. *CYRTOSPERMA MERKUSII* Schott

No. LW-256. Aquatic aroid to six feet high. (Seeds).

261433. *DILLENIA* sp. Dilleniaceae.

No. LW-268. Small tree or shrub; flowers large, showy, yellow; fruit colorful, dehiscent, star-shaped. (Seed).

261434. *MONOCHORIA HASTAEFOLIA* Presl. Pontederiaceae.

No. LW-258. Pontederia-like aquatic. (Seed).

261435. *NELUMBO NUCIFERA* Gaertn. Nymphaeaceae.**Hindu lotus.**

No. LW-239. Flowers pink. (Seed).

261436. *NEPTUNIA PLENA* Benth. Mimosaceae.

No. LW-253. Aquatic sensitive plant; flowers yellow. (Seed).

261437. *SAGITTARIA LANCIFOLIA* L. Alismaceae.

No. LW-267. Aquatic; stalks to 6 feet high; leaves to 3 feet long; flowers white. (Seed).

261438. Undetermined.

No. LW-252. (Seed).

261439. *TRIFOLIUM PRATENSE* L. Fabaceae.**Red clover.**

From Yugoslavia. Seeds presented by the Agricultural Attache, United States Embassy, Belgrade. Received Dec. 8, 1959.

261440. *DENDROCALAMUS STRICTUS* Nees Poaceae.**Bamboo.**

From Puerto Rico. Plants presented by the Federal Experiment Station, Mayaguez. November 20, 1959.

261441 and 261442.

From Portugal. Seeds collected by F. G. Meyer, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Nov. 25, 1959.

261441. *ILEX PERADO* Ait. Aquifoliaceae.

English holly.

Col. No. 7396. Quinta de Monserate, Sierra de Sintra, Galso, Lisbon. Evergreen tree to 15 feet high; leaves 3 inches long, very wide, barely spiny, lustrous; berries red.

261442. *PITTIOSPORUM HUTTONIANUM* T. Kirk. Pittosporaceae.

Col. No. 7404. Park de Pena Sierra de Sintra. Evergreen shrub or tree to 20 feet high.

261443 to 261449. *PRUNUS ARMENIACA* L. Amygdalaceae.

Apricot.

From Korea. Seeds presented by the United States Operations Mission, Seoul. Received Nov. 25, 1959.

Collected near Kimhae, Kyongsang Namdo Province.

261443. A. 12 seed

261447. E. 19 seed

261444. B. 40 seed

261448. F. 6 seed

261445. C. 10 seed

261449. G. 50 seed

261446. D. 14 seed

261450 to 261454. *SACCHARUM* (hybrids) Poaceae. **Sugarcane.**

From the British West Indies. Seeds presented by the Central Sugarcane Breeding Station, Barbados. Received No. 25, 1959.

261450. B.5401.

261453. B.54142.

261451. B.5480.

261454. B.54277.

261452. B.46364.

261455 to 261464.

From Portugal. Seedlings and cuttings presented by the Centro de Investigacao das Ferrugens do Cafeeiro. Received Nov. 30, 1959.

261455 to 261462. *COFFEA ARABICA* L. Rubiaceae.

Arabian coffee.

261455. Type D. Cof. 32/1—Selection DK 1/6. Seedling.

261456. Type G. Cof. 33/1—Selection 288-23. Seedling.

261457. Type G. Cof. 34/1—Selection 353-4/5. Cutting.

261458. Type C. Cof. 87/6—Selection Geisha. Cutting.

261459. Type G. Cof. 106/1—Selection B.A. 36. Cutting.

261460. Type 1. Cof. 110/2—Selection S 4 Agaro. Cutting.

261461. Type 1. Cof. 113/1—Selection S 6 Cioiccie. Cutting.

261462, Type 1. Cof. 134/4—Selection S 12 Kaffa. Seedling.

261463 and 261464. *COFFEA CANEPHORA* (Pierre.) Froehn. **Robusta coffee.**

261463. Type A. Cof. B P 39. Cutting.

261464. Type A. Cof. B P 42. Cutting.

261465. Undetermined.

From Thailand. Tubers presented by the Agricultural Attache, United States Embassy, Bangkok. Received Nov. 30, 1959.

Vine type.

261466 to 261475. GLYCINE MAX (L.) Merr. Fabaceae. Soybean.

From Japan. Seeds presented by the Laboratory of Plant Breeding, Hyogo Agricultural College, Sasayama, Hyogo. Received Nov. 30, 1959.

261466 to 261469. From Kyushu.

261466. 'Higodaizu'. Green, probably result of immaturity.

261467. 'Saikai No. 3'. Yellow.

261468. 'Saikai No. 6'. Yellow.

261469. 'Wasedaizu No. 1'. Yellow.

261470 to 261473. From Hokkaido. Yellow.

261470. 'Ishikari-jiro No. 1'.

261471. 'Ohyazi No. 2'.

261472. 'Ranetsu No. 1'.

261473. 'Shiro-kotsubu'.

261474 and 261475. From Manchuria. Yellow.

261474. 'Kohoju'.

261475. 'Shika No. 1'.

261476 to 261576.

From Great Britain. Plants purchased from Hillier & Sons, Winchester, England. Received Dec. 2, 1959.

261476. ABIES CONCOLOR (Gord.) Hoopes Pinaceae.

White fir.

261477. ABIES GEORGEI Orr.

261478. ABIES KAWAKAMII Hayata

261479. ABIES PINDROW var. BREVIFOLIA Dall. & Jacks.

'Gamblei'.

261480. ABIES RELIGIOSA Lindl.

261481. ABIES sp.

K.W. 21008.

261482. CEDRUS BREVIFOLIA (Hook. f.) Henry Pinaceae.

Cyprian cedar.

261483. CEDRUS DEODARA (Lamb.) Land.

Deodar cedar.

'Alba Spica'.

261484 and 261485. JUNIPERUS CHINENSIS L. Pinaceae.

Chinese juniper.

261484. 'Globosa Cinerea'.

261485. 'Squarrosa Intermedia Pygmaea'.

261486. JUNIPERUS RECURVA (Buch. & Ham.) D. Don

Himalayan juniper.

'Nana'.

261487. JUNIPERUS VIRGINIANA L.

Eastern redcedar.

261488. LARIX DECIDUA Mill. Pinaceae.

European larch.

'Fastigiata'.

261489. PICEA ABIES (L.) Karst. Pinaceae.

Norway spruce.

'Humilis'.

261490. PICEA ABIES f. PYRAMIDATA (Carr.) Rehder

'Pyramidalis'.

261491. PICEA MORRISONICOLA Hayata

Spruce.

261492. PICEA ORIENTALIS (L.) Link

Oriental spruce.

261476 to 261576—Continued

261493. *PINUS MUGO* Turra. Pinaceae. **Swiss mountain pine**
'Gnome'.
261494. *PINUS MONTEZUMAE* Lambert
261495. *PINUS PARVIFLORA* Sieb. & Zucc. **Japanese white pine.**
A dwarf form.
261496. *PINUS PUMILA* (Pallas.) Regel **Japanese stone pine.**
- 261497 to 261499. *PINUS SYLVESTRIS* L. **Scotch pine.**
261497. 'Beauvronensis'.
261498. 'Pumila'.
261499. 'Viridis Compacta'.
261500. *PINUS TABULAEFORMIS* Carr.
'Yunnanensis'.
261501. *PRUNUS PROSTRATA* Labill Amygdalaceae. **Mountain cherry.**
261502. *SALIX* × *BOYDII* E. F. Linton Salicaceae.
261503. *SALIX GRAHAMII* Borrer.
261504. *SALIX RETUSA* L.
261505. *ATHROTAXIS CUPRESSOIDES* D. Don Pinaceae.
- 261506 to 261515. *CHAMAECYPARIS LAWSONIANA* (Murray) Parl. Pinaceae.
Lawson falsecypress.
- | | |
|-------------------------|-----------------------------|
| 261506. 'Filgate'. | 261511. 'Pottanii'. |
| 261507. 'Gimbonni'. | 261512. 'Pulcherrima'. |
| 261508. 'Golden King'. | 261513. 'Pyramidalis Alba'. |
| 261509. 'Kirmacurragh'. | 261514. 'Schongariana'. |
| 261510. 'Pembury Blue'. | 261515. 'Spek'. |
261516. *CHAMAECYPARIS LAWSONIANA* f. *ALBO-SPICA* (Nichols) Schneider
- 261517 to 261526. *CHAMAECYPARIS LAWSONIANA* f. *ERECTA* (Jager) Schneider
- | | |
|-------------------|--------------------------------|
| 261517. Typical. | 261522. 'Depenski'. |
| 261518. 'Alba'. | 261523. 'Filiformis Compacta'. |
| 261519. 'Aurea'. | 261524. 'Lanai'. |
| 261520. 'Blom'. | 261525. 'Monumentalis Nova'. |
| 261521. 'Bruini'. | 261526. 'Wiltzeliana'. |
261527. *CHAMAECYPARIS LAWSONIANA* f. *FILIFORMIS* (Kent) Beissner
261528. *CHAMAECYPARIS LAWSONIANA* f. *LUTEA* Schneider
261529. *CHAMAECYPARIS NOOTKATENSIS* (Lambert) Spach.
Nootka falsecypress.
'Compacta'.
- 261530 to 261541. *CHAMAECYPARIS OBTUSA* (Sieb. & Zucc.) Endl.
Hinoki falsecypress.
- | | |
|----------------------------------|----------------------------|
| 261530. 'Contorta'. | 261536. 'Mariesii'. |
| 261531. 'Flabelliformis'. | 261537. 'Minima'. |
| 261532. 'Intermedia'. | 261538. 'Spicalis'. |
| 261533. 'Juniperoides'. | 261539. 'Tetragona Aurea'. |
| 261534. 'Juniperoides Compacta'. | 261540. No. 2. |
| 261535. 'Kosteri Nana'. | 261541. No. 3. |

261476 to 261576—Continued

261542. CHAMAECYPARIS OBTUSA f. CRIPPSI Rehder
261543. CHAMAECYPARIS PISIFERA (Sieb. & Zucc.) Endl. Pinaceae.
Sawara retinospora.
A blue form.
261544. CHAMAECYPARIS PISIFERA f. PLUMOSA (Carr.) Beissner.
'Aurea Pygmaea'.
261545. CHAMAECYPARIS PISIFERA f. SQUARROSA (Zucc.) Beissn. & Hochst.
'Argentea Pygmaea'.
261546. CLEMATIS ARMANDI Franch. Ranunculaceae. Armand clematis.
'Apple Blossom'.
261547. CLEMATIS CHRYSOCOMA Franch.
261548. CLEMATIS FLORIDA f. SIEBOLDII (D. Don) Rehder
261549. CLEMATIS MACROPETATA Ledeb.
- 261550 to 261553. CRYPTOMERIA JAPONICA (L. f.) D. Don Pinaceae.
Common cryptomeria.
- | | |
|-----------------------|------------------------|
| 261550. 'Albo Spica' | 261552. 'Vilmoriniana' |
| 261551. 'Pyramidalis' | 261553. 'Viminalis' |
261554. CUPRESSUS LUSITANICA Mill. Pinaceae. Portuguese cypress.
'Glauca Pendula'.
261555. CUPRESSUS CASHMERICANA Royle. Cypress.
261556. LIBOCEDRUS DECURRENS f. AUREO-VARIEGATA (Schwerin) Rehder
261557. LIBOCEDRUS DECURRENS f. COMPACTA (Beissn.) Voss.
261558. MICROCACHRYS TETRAGONA Hook. f. Taxaceae.
261559. PHYLLOCLADUS GLAUCAS T. Kirk Taxaceae.
261560. PHYLLOCLADUS TRICHOMANOIDES D. Don
261561. PODOCARPUS ACUTIFOLIUS T. Kirk Taxaceae.
261562. PODOCARPUS ANDINA Poepp.
'Prumnopitys Elegans'.
261563. SCHIZOPHRAGMA INTEGRIFOLIUM Oliver Hydrangeaceae.
Chinese hydrangea-yine.
261564. SEQUOIA SEMPERVIRENS (Lamb.) Endl. Pinaceae.
'Pendula Aureo Variegata'.
261565. SEQUOIADENDRON GIGANTEUM f. PENDULUM (Carr.) Rehder Pinaceae.
261566. TAXODIUM ASCENDENS f. NUTANS (Ait.) Rehder Pinaceae.
- 261567 to 261572. TAXUS BACCATA L. Taxaceae. English yew.
- | |
|----------------------|
| 261567. 'Argentea'. |
| 261568. 'Decora'. |
| 261569. 'Hessei'. |
| 261570. 'Jacksonii'. |
| 261571. 'Nutana'. |
| 261572. 'Pygmaea'. |
261573. THUJA OCCIDENTALIS f. LUTESCENS (Beissn.) Schneider Pinaceae.
Arborvitae.
'Wareana'.

261476 to 261576—Continued

261574 and 261575. *THUJA PLICATA* D. Don

261574. 'Aurea Rogersii'.

261575. 'Zebrina'.

261576. *PICEA SCHRENKIANA* Fisch. & Mey. Pinaceae. **Schrenk spruce.**

261577 to 261580.

From Sudan. Seeds presented by the Cotton Breeding Section, Ministry of Agriculture, Shambat, Khartoum. Received Dec. 3, 1959.

261577. *CIENTFUEGOSIA HILDEBRANDTII* Garcke. Malvaceae.

261578. *GOSSYPIUM INCANUM* Malvaceae. **Cotton.**

261579. *NOTOXYLINON AUSTRALE* (Muell.) Lewton. Malvaceae.

261580. *THESPESIA DANIS* Oliver Malvaceae.

261581 to 261583.

From Israel. Seeds presented by the Forest Research Institute, Nathanya. Received Dec. 3, 1959.

261581. *QUERCUS CALLIPRINOS* Webb. Fagaceae. **Oak.**

261582. *QUERCUS INFECTORIA* Olivier

261583. *QUERCUS* × *AUDLEYENSIS* Henry

Q. ilex × *Q. petraea*.

261584 to 261590.

From Mexico. Plants collected by H. S. Gentry and J. Arguelles, agricultural explorers, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 4, 1959.

261584. *AGAVE FILIFERA* Salm-Dyck. Amaryllidaceae.

Col. No. 18157. Forty-one miles southwest of El Salto, Durango.

261585. *AGAVE PEDUNCULIFERA* Trel.

Col. No. 18182. Palmito, Durango. Elevation 7,000 feet. Plant with glaucous green single rosettes; leaves variable; spikes to 7 feet high; segments spreading, pale yellow; ovaries light green; anthers yellow.

261586. *AGAVE* sp.

Col. No. 18142. Eighteen miles northwest of LaZorca, Durango. Plant with small gray rosettes; leaves and teeth variable; panicles to three inches.

261587. *AGAVE* sp.

Col. No. 1824. Scattered along roadside south slope of Rio Nazas basin, Durango. Numerous ecotypes; leaves grouped, to four feet long.

261588. *DUDLEYA* sp. Crassulaceae.

Col. No. 18185. Palmito, Durango. Elevation 7,000 feet. Inflorescence glaucous, bright pink to orange.

261589. *EQUISETUM* sp. Equisetaceae.

Col. No. 18188. Rock face with moss and ferns, Palmito, Durango. Elevation 7,000 feet. Plant pendulous.

261590. *MANFREDA* sp. Amaryllidaceae.

Col. No. 18225. Large colony twenty-three miles southwest of Ciudad, Durango. Plant with small, few-leaved rosettes; some leaves with red spots; no spikes.

261591 to 261624.

From Spain. Seeds collected by Elmo W. Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 4, 1959.

- 261591.** *ALLIUM CEPA* L. Liliaceae. **Onion.**
Col. No. D-69. 'Cebolla Valenciana'. Vallodolid.
- 261592.** *ALLIUM PORRUM* L. **Leek.**
Col. No. D-55. Alavesas, Vitoria.
- 261593 and 261594.** *BETA VULGARIS* var. *CICLA* L. Chenopodiaceae. **Swiss chard.**
261593. Col. No. D-58. Alavesas, Vitoria.
261594. Col. No. D-72. Vallodolid.
- 261595 and 261596.** *BORAGO OFFICINALIS* L. Boraginaceae. **Common borage.**
261595. Col. No. D-57. Alavesas, Vitoria.
261596. Col. No. D-70. Vallodolid.
- 261597 to 261599.** *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. **Cauliflower.**
261597. Col. No. D-59. Alavesas, Vitoria.
261598. Col. No. D-60. 'Temprana'. Alavesas, Vitoria.
261599. Col. No. D-61. 'Tardia'. Alavesas, Vitoria.
- 261600 to 261605.** *BRASSICA OLERACEA* var. *CAPITATA* L. **Cabbage.**
261600 to 261603. Alavesas, Vitoria.
261600. Col. No. D-62. 'Brunswick'. 'Iruna Temprana'.
261601. Col. No. D-63. 'Bacalan Temprana'.
261602. Col. No. D-64. 'Corazon de Buey'.
261603. Col. No. D-65. 'Asa de Cantaro'.
261604. Col. No. D-77. Blue. Vallodolid.
261605. Col. No. D-78. Vallodolid.
- 261606.** *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
Col. No. D-73. Vallodolid. Fruits used for red pepper of pickling.
- 261607.** *CICHORIUM ENDIVIA* L. Cichoriaceae. **Endive.**
Col. No. D-84. Vallodolid.
- 261608 and 261609.** *CUCUMIS SATIVUS* L. Cucurbitaceae. **Cucumber.**
261608. Col. No. D-53. Alavesas, Vitoria.
261609. Col. No. D-71. Vallodolid.
- 261610.** *CUCURBITA PEPO* L. Cucurbitaceae. **Pumpkin.**
Col. No. D-76. Vallodolid. Eight inches long.
- 261611 and 261612.** *CYNARA CARDUNCULUS* L. Asteraceae. **Cardoon.**
261611. Col. No. D-56. Vitoria.
261612. Col. No. D-68. Vallodolid.
- 261613 and 261614.** *DAUCUS CAROTA* L. Apiaceae. **Carrot.**
Vallodolid.
261613. Col. No. D-74. Medium large.
261614. Col. No. D-75. 'St. Valerio'.

261591 to 261654—Continued

- 261615 to 261618.** *LACTUCA SATIVA* L. Cichoriaceae. **Lettuce.**
Valladolid.
- 261615.** Col. No. D-80.
- 261616.** Col. No. D-81.
- 261617.** Col. No. D-82.
- 261618.** Col. No. D-83.
- 261619.** *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**
Col. No. D-54. Vitoria.
- 261620 to 261621.** *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**
Vitoria.
- 261620.** Col. No. D-51. Seed produced in Rioja.
- 261621.** Col. No. D-52. Seed produced in Leon.
- 261622 to 261624.** *PISUM SATIVUM* L. Fabaceae. **Pea.**
Vitoria.
- 261622.** Col. No. D-43. Seed produced in Rioja.
- 261623.** Col. No. D-44. Seed produced in Rioja.
- 261624.** Col. No. D-45. Seed produced in Rioja.
- 261625.** *BRAVOA SINGULIFLORA* Wats. **Amaryllidaceae.**
From Mexico. Bulbs collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 7, 1959.
Col. No. 18015. Fifteen miles northeast of El Vergel, Chihuahua.
- 261626.** *SACCHARUM* (hybrid). Poaceae. **Sugarcane.**
From Colombia. Cuttings presented by the Ministry of Agriculture, Departamento de Investigacion Agropecuaria, Granja Agricola Experimental Palmira. Received Dec. 10, 1959.
E.P.C. 40.510.
- 261627 to 261637.**
From Spain. Seeds collected by Elmo W. Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 7, 1959.
- 261627.** *BRASSICA* sp. Brassicaceae.
Col. No. D-79. Valladolid, ex German.
- 261628.** *BRASSICA* sp.
Col. No. D-85. Valladolid, ex French.
- 261629.** *ERUCA SATIVA* Mill. Brassicaceae. **Rocket-salad.**
Col. No. D-66. Valbuena De De Duero, 40 km. from Valladolid, road to Soria.
- 261630 to 261636.** *PISUM SATIVUM* L. Fabaceae. **Pea.**
261630 to 261634.
Vitoria. Produced in Rioja.
- 261630.** Col. No. D-46. **261633.** Col. No. D-49.
- 261631.** Col. No. D-47. **261634.** Col. No. D-50.
- 261632.** Col. No. D-48.

261627 to 261637—Continued**261630 to 261636—Continued****261635 and 261636.** Vallodolid.**261635.** Col. No. D-87.**261636.** Col. No. D-88.**261637.** *VICIA FABA* L. Fabaceae.**Broadbean.**Col. No. D-42. *Vitoria*. Seed or pods may be eaten.**261638 to 261678.**

From the Netherlands. Seeds collected by Elmo Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 7, 1959.

261638 and 261639. *ALLIUM SCHOENOPRASUM* L. Liliaceae. **Chive.****261638.** Col. No. D-239. Vander Ploeg, Zwijndrecht. Plants small.**261639.** Col. No. D-240. Vander Ploeg, Zwijndrecht. Plants large, coarse,**261640 and 261641.** *ASPARAGUS OFFICINALIS* L. Convallariaceae.**Garden asparagus.****261640.** Col. No. D-246. Institute for Horticultural Plant Breeding, Wageningen. Flowers perfect.**261641.** Col. No. D-247. Institute for Horticultural Plant Breeding, Wageningen. Flowers perfect.**261642 and 261643.** *BRASSICA OLERACEA* var. *CAPITATA* L. Brassicaceae.**Cabbage.****261642.** Col. No. D-214. 'F. Bohmerwald kohl A'. Institute of Horticultural Plant Breeding, Wageningen. Plants club-root resistant.**261643.** Col. No. D-215. 'F. Bindsachsener'. Institute of Horticultural Plant Breeding, Wageningen. Plant club-root resistant.**261644.** *CUCUMIS MELO* L. Cucurbitaceae.**Muskmelon.**

Col. No. D-213. 'Westlandse Enkele'. Institute for Horticultural Plant Breeding, Wageningen. Fruits early with single net.

261645. *CUCUMIS SATIVUS* L.**Cucumber.**

Col. No. D-212. Institute for Horticultural Plant Breeding, Wageningen. Plant possible resistant to downy mildew. Said to be from India.

261646 to 261650. *DAUCUS CAROTA* L. Apiaceae.**Carrot.**

From the Institute for Horticultural Plant Breeding, Wageningen.

261646. Col. No. D-241. 'Nakumura-Senkofuto'. May be nematode resistant. Japan.**261647.** Col. No. D-242. 'M.S. Langum'. Japan.**261648.** Col. No. D-243. 'Kokubu'. Possibly nematode resistant.**261649.** Col. No. D-244. 'Flakheese'. Roots tapering, good color.**261650.** Col. No. D-245. 'High Carotene'. Breeding material only.**261651.** *LACTUCA VIROSA* L. Cichoriaceae.

Col. No. D-204. W11. Experiment Station for growing vegetables under glass, Naaldwijk. Downy mildew resistant. Portugal.

261652. *PISUM ELATIUS* Bieb. Fabaceae.**Mediterranean pea.**

Col. No. D-238. Institute for Horticultural Plant Breeding, Wageningen.

261653. *LACTUCA SALIGNA* L. Cichoriaceae.**Lettuce.**

Col. No. D-205. Experiment Station for growing vegetables under glass, Naaldwijk. Plant downy mildew resistant. Portugal.

261638 to 261678—Continued**261654 to 261656.** *LACTUCA SATIVA* L.**Lettuce.**

From the Experiment Station for growing vegetables under glass, Naaldwijk. Plant downy mildew resistant.

261654. Col. No. D-201. 'Imperial', Iceberg type.**261655.** Col. No. D-202. 'Grand Rapids'.**261656.** Col. No. D-203. 'Salad Trim'.**261657 to 261678.** *PISUM SATIVUM* L. Fabaceae.**Pea.**

From the Institute of Horticultural Plant Breeding, Wageningen.

261657 to 261675. Edible podded varieties.**261657.** Col. No. D-216. 'Zwaani Oriën'.**261658.** Col. No. D-217. 'Goldkonogon'.**261659.** Col. No. D-218. 'Pronto'.**261660.** Col. No. D-219. 'Overload'.**261661.** Col. No. D-220. 'Serpette Vert.'.**261662.** Col. No. D-221. 'Cupido'.**261663.** Col. No. D-222. 'Crescent'.**261664.** Col. No. D-223. 'Goudvaantje'. 'Good Advantage'.**261665.** Col. No. D-224. 'Dwarf Greysugar'.**261666.** Col. No. D-225. 'Morgenster'. 'Morning Star'.**261667.** Col. No. D-226. 'Aurora'.**261668.** Col. No. D-227. 'Bon Ami'.**261669.** Col. No. D-228. 'Apollo'.**261670.** Col. No. D-229. 'Veense'.**261671.** Col. No. D-230. 'DeGrace'.**261672.** Col. No. D-231. 'Zucker Perle'.**261673.** Col. No. D-232. 'Carouby'.**261674.** Col. No. D-233. 'Vesta'.**261675.** Col. No. D-234. 'Lav Sabel'.**261676.** Col. No. D-235. 'Navilof a Grain Poir'.**261677.** Col. No. D-236.**261678.** Col. No. D-237.**261679 to 261701.**

From New Guinea. Rhizomes collected by J. J. Ochse, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 8, 1959.

261679 to 261683. *MUSA ACUMINATA* Colla Musaceae.**Banana.****261679.** No. O-31. 'Mut'. North Muju. Pseudostem dark brown-violet bract red.**261680.** No. O-40. 'Mut'. North Muju. Pseudostem dark brown-violet, 3.5 meters high, 15 cm. thick; 10 hands; 12 to 14 fingers.**261681.** No. O-46. 'Mut'. North Muju. Rhizomes few, compact; pseudostem dark-brown, to four meters high, 15 cm. thick; 10 hands; 15 fingers. Inflorescence horizontal; bract yellow.**261682.** No. O-47. 'Mut'. South Muju. Pseudostem brown to four meters high, 18 cm. thick; 10 hands, 16 fingers; bract light-green.**261683.** No. O-48. 'Mut'. South Muju. Pseudostem brown, to four meters high, 18 cm. thick; 10 hands, 16 fingers.

261679 to 261701—Continued

- 261684 to 261697.** *MUSA* × *PARADISIACA* L. **Plantain.**
- 261684.** No. O-33. 'Girim Ijum'. North Muju. Plant small; fruit edible, seedless; bract pink-yellow.
- 261685.** No. O-35. 'Tom-Ijum'. North Muju. Plant to four meters high.
- 261686.** No. O-36. 'Kom Ijum'. North Muju. Plant with few rhizomes, compact; pseudostem white to four meters high, 20 cm. thick; bract violet.
- 261687.** No. O-37. 'Ijum Pet'. North Muju. Plant with few, compact rhizomes; pseudostem green, to four meters high, 20 cm. thick; four hands, 11 fingers.
- 261688.** No. O-38. 'Ijum Depot'. North Muju. Plant with few, compact rhizomes; pseudostem greenish-brown, to 3.5 meters high, 18 cm. thick; bract greenish-yellow; seven hands, 16 fingers.
- 261689.** No. O-39. 'Tawa-Ijum'. North Muju. Plant with few, compact rhizomes; pseudostem brown, to four meters high, 18 cm. thick; bract violet; five hands, 14 fingers.
- 261690.** No. O-41. 'Ceraum'. North Muju. Plant with few, compact rhizomes; pseudostem green, to 2.5 meters high, 15 cm. thick; four hands, 12 fingers.
- 261691.** No. O-43. 'Nona'. North Muju. Plant with few, compact rhizomes; pseudostem violet, to two meters high, 15 cm. thick; juice color pseudostem pink; bract light-violet; five hands, 14 fingers.
- 261692.** No. O-44. 'Ijum Metek'. North Muju. Pseudostem violet-rose; to four meters high, 18 cm. thick; bract violet; five hands, 13 fingers.
- 261693.** No. O-49. Getentiri, Middle Digul. Pseudostem green; to four meters high, 30 cm. thick; bract red; nine hands, 20 fingers.
- 261694.** No. O-50. Getentiri, Middle Digul. Pseudostem green; to three meters high, 18 cm. thick; bract light-green; six hands, 11 fingers.
- 261695.** No. O-51. 'Tsughaarien'. Getentiri, Middle Digul. Rhizomes many, wide-spreading; pseudostem greenish-brown; to three meters high, 15 cm. thick; bract violet; seven hands, 16 fingers. Reportedly deep rooted.
- 261696.** No. O-52. 'Kanari'. Terik, South Digul. Rhizomes few, wide-spreading; pseudostem green; to 3.5 meters high, 18 cm. thick; four hands, nine fingers.
- 261697.** No. O-54. 'Sinwobog'. Rhizomes few, compact; pseudostem three meters high, 18 cm. thick; bract violet; seven hands, 18 fingers.
- 261698 to 261700.** *MUSA* × *PARADISIACA* L. **Plantain.**
- 261698.** No. O-34. 'Ijum Tau'. Tembutkin, North Muju. Inflorescence erect; bract violet; seedless.
- 261699.** No. O-42. 'Ijum Takok'. Rhizomes few, compact; pseudostem six meters high, 22 cm. thick; juice pink; inflorescence erect; five hands, 10 fingers; skin brown-red.
- 261700.** No. O-53. Kampong Biantap, South Digul. Elevation 200 feet. Rhizomes few, compact; pseudostem green, to two meters high, 15 cm. thick; bract light-violet; four hands, seven fingers. Produces seeds during part of year.
- 261701.** *MUSA* sp.
- No. O-32. 'Wam'. Kamka road, Mindip Tawa to Woropko, North Muju. Plant small; bract light-yellow; fruit orange-red when ripe; skin fibrous, hard.

261702 to 261706.

From the Philippines. Rhizomes collected by P. H. Allen and N. G. Vakili United Fruit Company Expedition. Received Dec. 8, 1959.

261702. *MUSA ACUMINATA* Colla Musaceae.

Banana.

No. 2-7380. 'Saguin Machin'. Basilan Island, Zamboanga del Sur, Mindanao. Forested hills southeast of Isabela. Elevation 300 meters. Plant stools compact; pseudostems 6.5 meters high, 30 cm. wide, green with dark brown blotches at leaf base; leaves large, clean; bunch large, horizontal; male bud green, 21 hands; fingers 11 cm. by 2.5 cm.

261703. *MUSA* sp.

No. 2-7381. 'Pitogo'. Barrio Basagan, Curuan, Zamboanga del Sur, Mindanao, east coast highway north of Zamboanga. Elevation 15 meters. Plant stools compact; pseudostems few, 3.7 meters high and 20 cm. in diameter, light-brown; bunch horizontal; seven hands; fingers five cm. long by three cm. in diameter.

261704. *MUSA* sp.

No. 2-7382. 'Tinduc'. Hills near Buenavista, Zamboanga del Sur, Mindanao. Elevation, 60 meters. Plant stools compact; pseudostems few, 2.2 meters by 17 cm., light green with light brown blotches; bunch pendulous; male bud absent; 3 hands; finger 27 cm. by 5.5 cm.

261705. *MUSA* sp.

No. 2-7383. 'Lacatan'. Liloy, near Sindangan Point, Zamboanga del Norte, Mindanao. Sea level. Plant stools compact; pseudostems 2.7 meters by 22 cm., green with light brown blotches at the leaf base; bunch pendulous; male bract purple; appears diploid; 6 hands; fingers strongly ageotropic, size 12 cm. by 3.5 cm.

261706. *MUSA* sp.

No. 2-7384. 'Pastilan'. Barrio Tambana, Kabasalan, head of Sibuguey Bay, Zamboanga del Sur, Mindanao. Elevation 60 meters. Plant stools compact; pseudostems purplish with dark-brown blotches, 3.5 meters by 20 cm.; bunch pendulous; 7 hands, divided and bearing 2 purple male buds, fingers 15 cm. by 3 cm. Freak form of 'Bungulan'.

261707 to 261733. *SOLANUM TUBEROSUM* L. Solanaceae. **Potato.**

From Bulgaria. Tubers presented by the Academy of Sciences, Institute of Plant Introduction, Sofia. Received Dec. 8, 1959.

261707. 'Ambra'. Czechoslovakia.

261708. 'Amsel'. Germany.

261709. 'Aquila'. Germany.

261710. 'Aranyalma'. Hungary.

261711. 'Bona'. Germany.

261712. 'Capella'. Germany.

261713. 'Chojnickie'. Poland.

261714. 'Ella'. Hungary.

261715. 'Feher Rozsa'. Hungary.

261716. 'Gulbaba'. Hungary.

261717. 'Hibrid 6/39'. Germany.

261718. 'Kameras'. Union of Soviet Socialist Republics.

261719. 'Korai Rozsa'. Hungary.

261720. 'Lipinskie Wczesne'. Poland.

261721. 'Lovaszpatonai Rozsa'. Hungary.

261722. 'Maikopskii'. Union of Soviet Socialist Republics.

261707 to 261733—Continued

261723. 'Margit'. Hungary.
 261724. 'Mirka'. Czechoslovakia.
 261725. 'Murmanskii'. Union of Soviet Socialist Republics.
 261726. 'Novinca Pustini'. Union of Soviet Socialist Republics.
 261727. N 729.
 261728. 'Oktjabrenok'. Union of Soviet Socialist Republics.
 261729. 'Petrovsky 429/5'. Union of Soviet Socialist Republics.
 261730. 'Rila'. Bulgaria.
 261731. 'Severna Rosa'. Union of Soviet Socialist Republics.
 261732. 'Sovetskii'. Union of Soviet Socialist Republics.
 261733. 'Universal'. Czechoslovakia.

261734 to 261749.

From Japan. Plants presented by Tsuneshige Rokuyo, Toshimaku, Senkawa Madu, Tokyo. Received Dec. 9, 1959.

261734 to 261737. CAMELLIA JAPONICA L. Theaceae. Common camellia.

261734. 'Chiritsubaki'.
 261735. 'Hana-Fuki'.
 261736. 'Kikuzuki'.
 261737. 'Prunifolia'. Cherry leaved.

261738 and 261739. CAMELLIA RETICULATA Lindl.

261738. 'Akakoshimino'.
 261739. 'Kochowabisuko'.

261740 to 261742. CAMELLIA RUSTICANA Honda

261740. 'Hime-No-Yadg'.
 261741. 'Kumagava'.
 261742. 'Seki-No-Yume'.

261743. CAMELLIA SALUENENSIS Stapf
'Showa-Wabisuke'.**261744. CAMELLIA URAKU Kitamura****261745. ILEX SUGEROKA Maxim. Aquifoliaceae.**
'Brevipedunculata'.**261746. RHODODENDRON KUISIANUM Makino Ericaceae.****261747. RHODODENDRON sp.**
Collected on the Kiyi Peninsula.**261748. RHODODENDRON sp.**
From Yakuihim. Plant dwarf, prostrate.**261749. RHODODENDRON sp.**
Dwarf.**261750 to 261752. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.**

From Afghanistan. Seeds presented by F. H. Shuman, United States Embassy, Kabul. Received Dec. 9, 1959.

261750. 'Kunduz'. No. 3.
 261751. No. 1. 'Mazar-I-Sharif'.
 261752. No. 2. 'Mazar-I-Sharif'.

261753. Undetermined.

From South Africa. Unknown donor. Received Dec. 9, 1959.

261754 to 261763.

From Belgium. Seeds collected by Elmo Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 10, 1959.

Collected Sept. 28 to 30, 1959.

261754. ALLIUM CEPA L. Liliaceae. **Onion.**

Col. No. D-263. Horticultural Experiment Station, Gembloux. Seeds brown.

261755. ANTHRISCUS CEREFOLIUM (L.) Hoffm. Apiaceae. **Chervil.**

Col. No. D-261. 'Cerefeuil'. Station Plants Fruiteurs, Gembloux. Plants green; foliage smooth, single. Resembles parsley.

261756. APIUM GRAVEOLENS var. RAPACEUM DC. Apiaceae. **Celery.**

Col. No. D-251. Gonthier, Wanze-Huy. Stalks green, not self-blanching; petioles edible.

261757 and 261758. BRASSICA OLERACEA var. CAPITATA L. Brassicaceae. **Cabbage.**

261757. Col. No. D-249. Gonthier Wanze-Huy. Local Savoy strain.

261758. Col. No. D-250. Plant red, cold resistant.

261759. BRASSICA OLERACEA var. GEMMIFERA DC. **Brussels sprouts.**

Col. No. D-248. Gonthier Wanze-Huy. Green sprouting; no head; leaves eaten after frost.

261760. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**

Col. No. D-262. 'Epritel'. Horticultural Station, Gembloux. Fruit smooth, ribbed, weight 2 pounds. Greenhouse grown.

261761 and 261762. TRAGOPOGON PORRIFOLIUS L. Cichoriaceae. **Vegetable-oyster**

261761. Col. No. D-252. Somers, Malines. Roots small in diameter.

261762. Col. No. D-253. Somers, Malines. Roots black, short, thick, flesh cream or white.

261763. VALERIANELLA OLITORIA Pollich. Valerianaceae. **Cornsalad**

Col. No. D-209. Gonthier, Wanze-Huy. Leaves golden.

261764 to 261789.

From France. Seeds collected by Elmo Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 10, 1959. From Vilmorin-Andrieux, Paris.

261764 to 261768. ALLIUM CEPA L. Liliaceae. **Onion.**

261764. Col. No. D-140. White Parisian spring type.

261765. Col. No. D-141. 'Jaune Paille des Vertus'. ('Flat Danvers') Spanish type.

261766. Col. No. D-142. 'Rouge Pale de Huy'. Pale-red.

261767. Col. No. D-143. 'Jaune de Mulhouse'. Selestate type.

261768. Col. No. D-144. 'Rouge Fonce', ('Brunswick'). Blood-red.

261769 to 261774. BRASSICA OLERACEA var. CAPITATA L. Brassicaceae. **Cabbage.**

261769. Col. No. D-134. 'Chou de Milan de Pontoise', ('January King'). Savoy hardy winter drumhead type.

261764 to 261789—Continued

261769 to 261774—Continued

261770. Col. No. D-135. 'Chou Milan Pointu Perce-Neige'. Savoy, snow resistant.

261771. Col. No. D-136. 'Chou Precose des Marches'. Extra early market type.

261772. Col. No. D-137. 'Express'. Extra early variety.

261773. Col. No. D-138. 'Coer-de-Boeuf Moyen de la Halle'. Early market type.

261774. Col. No. D-139. 'Chou de Vaugirard d'Hiver'. A winter variety.

261775. BRASSICA OLERACEA var. GEMMIFERA DC.

Brussels sprouts.

Col. No. D-129. 'Demi-Nain de la Halle'. Improved half-dwarf 'Paris Market' type.

261776 and 261777. CICHORIUM INTYBUS L. Cichoriaceae.

Chicory.

261776. Col. No. D-119. 'Chicoree de Bruxelles'. A large rooted type.

261777. Col. No. D-122. 'Chicoree de Bruxelles'. A late 'Meilof' strain.

261778 and 261779. CUCUMIS MELO L. Cucurbitaceae.

Muskmelon.

261778. Col. No. D-132. 'Charentais'. Improved sugar variety.

261779. Col. No. D-133. 'Melon Cantaloup de Bellegarde'.

261780. CUCURBITA MAXIMA Duchesne. Cucurbitaceae.

Squash.

Col. No. D-120. 'Precoce Maraichere'. An early type.

261781 to 261783. DAUCUS CAROTA L. Apiaceae.

Carrot.

261781. Col. No. D-126. 'Primerough 1'. An original Vilmorin Selection.

261782. Col. No. D-127. 'Rouge la Merveille'.

261783. Col. No. D-128. 'Rouge Muscade'. A medium size root type.

261784 and 261785. LYCOPERSICON ESCULENTUM Mill. Solanaceae.

Tomato.

261784. Col. No. D-130. 'Super-Marmade'. Used for forcing; fruit medium size, dark red.

261785. Col. No. D-131. Fruit small, clustered.

261786. NASTURTIUM OFFICINALE R.Br. Brassicaceae.

Watercress.

Col. No. 121. An improved broad leaf type.

261787 to 261789. SPINACIA OLERACEA L. Chenopodiaceae. **Common spinach.**

261787. Col. No. D-123. 'Monstrueux de Viroflay'. Thick-leaved type.

261788. Col. No. D-124. 'Geant d'Hiver'. A winter type.

261789. Col. No. D-125. 'Geant d'Hiver'. A giant summer type.

261790 to 261811.

From Austria. Seeds collected by Elmo Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville. Md. Received Dec. 14, 1959. From Botanischer Garten der Universitat Wein III, Rennweg.

261790 and 261791. ALLIUM ANGULOSUM L. Liliaceae.

261790. Col. No. D-154.

261791. Col. No. D-156.

261792. ALLIUM CAERULEUM Pall.

Col. No. D-158.

261790 to 261811—Continued**261793.** *ALLIUM CARINATUM* L.

Col. No. D-157.

261794. *ALLIUM FARRERI* W. T. Stearn.

Col. No. D-159.

261795. *ALLIUM KARATAVIENSE* Regel

Col. No. D-160.

261796. *ALLIUM MOLY* L.

Lily leek.

Col. No. D-161.

261797. *ALLIUM NARCISSIFLORUM* Vill.

Col. No. D-162.

261798. *ALLIUM NUTANS* L.

Col. No. D-163.

261799. *ALLIUM OBLIQUUM* L.

Col. No. D-164.

261800. *ALLIUM OREOPRASUM* Schrenk.

Col. No. D-166.

261801. *ALLIUM OSTROWSKIANUM* Regel

Col. No. D-165.

261802. *ALLIUM PULCHELLUM* Don.

Col. No. D-167.

261803. *ALLIUM SCHOENOPRASUM* L.

Col. No. D-168.

261804. *ALLIUM SENESCENS* L.

Col. No. D-169.

261805. *ALLIUM SIBIRICUM* L.

Col. No. D-171.

261806. *ALLIUM STIPITATUM* Regel

Col. No. D-171.

261807. *ALLIUM URSINUM* L.

Col. No. D-172.

261808. *ALLIUM VICTORIALIS* L.

Col. No. D-173.

261809. *ALLIUM VINEALE* L.

Col. No. D-174.

261810. *APIUM GRAVEOLENS* var. *RAPACEUM* DC. Apiaceae. **Celeriac.**Col. No. D-152. 'Wiener Riesen'. Celeriac. Plants upright; foliage dark green; resistant to disease prevalent in Austria (probably *Septoria apii*); root round.**261811.** *LACTUCA VIROSA* L. Cichoriaceae.

Col. No. D-153.

261812 to 261821.

From China. Plant material presented by the Taiwan Sugar Experiment Station, Tainan, Taiwan. Received December 16, 1959.

261812 to 261821—Continued

261812. *ISCHAEMUM* sp. Poaceae.

(Clumps.)

261813. *MISCANTHUS JAPONICUS* (Thunb.) Oerst. Poaceae.

Japanese silvergrass.

(Rhizomes.)

261814. *MISCANTHUS SINENSIS* var. *CONDENSATUS* (Hack.) Makino

(Rhizomes.)

261815. *MISCANTHUS SINENSIS* var. *FORMOSANUS* Hack.

(Clumps.)

261816. *NARENGA PORPHYCOMA* (Hance) Bor Poaceae.

(Clumps.)

261817 to 261821. *SACCHARUM* (hybrids). Poaceae.

Sugarcane.

(cuttings)

261817. E.K. 327

261820. F. 143.

261818. F. 141.

261821. F. 144.

261819. F. 142.

261822 to 261824. *TRITICUM AESTIVUM* L. Poaceae.

From Saudi Arabia. Collected by J. M. Martin, Cereal Crops Branch, Beltsville, Md. Received Dec. 16, 1959.

261822. 'Geryba'. Kasseem Province.

261823. 'Namra'. Hasser Province.

261824. 'Samma'. Hasser Province.

261825. *CITRUS* sp. Rutaceae.

From Malaya. Seeds presented by the Director of Agriculture, Federation of Malaya, Kuala Lumpur. Received Dec. 15, 1959.

'Limau Chembol'.

261826 to 261846.

From the Netherlands. Cuttings presented by W. J. Spaargaren, Boskoop. Received Dec. 16, 1959.

261826 and 261827. *ACER NEGUNDO* L. Aceraceae.

Boxelder.

261826. 'Aureo-variegata'.

261827. 'Auratum'.

261828. *ACER PSEUDOPLATANUS* L.

Sycamore maple.

'Brilliantissimum'.

261829. *CARPINUS BETULUS* L. Betulaceae.

European hornbeam.

'Purpureum'.

261830. *CASSINIA FULVIDA* Hook. f. Asteraceae.

261831 to 261834. *CHAENOMELES* × *SUPERBA* (Frahm) Rehder Malaceae.

Japanese quince.

261831. 'Etna'.

261833. 'Hollandia'.

261832. 'Fire Dance'.

261834. 'Vesuvius'.

261835. *COLUTEA ORIENTALIS* Mill. Fabaceae.

Oriental bladder-senna.

261836. *CORNUS ALBA* L. Cornaceae.

Tatarian dogwood.

'Gouchaulti'.

261826 to 261846—Continued

- 261837.** *CORYLUS AVELLANA* L. Betulaceae. **Filbert.**
'Aurea'.
- 261838.** *COTONEASTER MICROPHYLLA* Wall. ex Lindl. Malaceae.
'Cochleata'.
- 261839.** *CRATAEGUS MONOGYNA* Jacq. Malaceae. **English hawthorn.**
'Pink Corkscrew'.
- 261840.** *HAMAMELIS* × *INTERMEDIA* Rehd. Hamamelidaceae.
'Jelena'.
- 261841.** *HEBE PINGUIFOLIA* (Hook. f.) Cockayne. Scrophulariaceae.
'Pagei'.
- 261842.** *HYDRANGEA HETEROMALLA* D. Don. Hydrangaceae.
- 261843.** *HYDRANGEA MACROPHYLLA* (Thunb.) Seringe. **House hydrangea.**
'Belzoni'.
- 261844.** *LAVANDULA OFFICINALIS* Chaix ex Vill. Menthaceae. **Lavender.**
'Middachten'.
- 261845.** *PIERIS JAPONICA* (Thunb.) G. Don. Ericaceae. **Japanese pieris.**
- 261846.** *STEPHANANDRA TANAKAE* Franch. & Sav. Rosaceae.

261847 to 261849.

From the United States. Plants growing at the United States Plant Introduction Station, Glenn Dale, Maryland. Numbered Dec. 7, 1960.

- 261847.** *ALEURITES MOLUCCANA* (L.) Willd. Euphorbiaceae. **Candlenut-tree.**
B. 50891. Received as seeds from Brazil.
- 261848.** *BUXUS SEMPERVIRENS* L. Buxaceae. **Common box.**
B. 51165. Received as seeds May 1958, from Yugoslavia.
- 261849.** *BUXUS* sp.
Q-9298. From the Caspian shore, Iran.

261850 to 261875.

From Argentina, Bolivia, and Brazil. Plants collected by W. C. Gregory, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received December 16, 1959.

- From the Experiment Station, Manfredi, Argentina, unless otherwise noted.
- 261850.** *ARACHIS BENTHAMII* Handro. Fabaceae.
Col. No. 9978. Instituto Botanico, Sao Paulo, Brazil. Erect perennial; taproot.
- 261851.** *ARACHIS BURKARTII* Handro.
Col. No. AK 7864. Rhizomatous perennial.
- 261852 and 261853.** *ARACHIS DIOGOI* Hoehne. Fabaceae.
- 261852.** Col. No. 9977. Instituto Botanico, Sao Paulo, Brazil. Perennial; taproot.
- 261853.** Col. No. 9990. Airport, Corumba, Mato Grosso, Brazil. Erect perennial; taproot.
- 261854.** *ARACHIS GLABRATA* Benth.
Col. No. 9993. Corumba, Mato Grosso, Brazil. Prostrate perennial; flowers with orange standards and yellow wings, no red veins on standard; taproot.

261850 to 261875—Continued

261855 to 261866. *ARACHIS GLABRATA* var. *HAGENBECKII* (Harms) F. J. Hermanns.

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| 261855 to 261866. Rhizomatous perennials. | 261861. No field note. |
| 261855. No field note. | 261862. Col. No. AK 7870. |
| 261856. Col. No. AK 7934. | 261863. No field note. |
| 261857. No field note. | 261864. No field note. |
| 261858. No field note. | 261865. Col. No. AK 7910. |
| 261859. Col. No. AK 7855. | 261866. Col. No. AK 7847. |
| 261860. No field note. | |

261867. *ARACHIS REPENS* Handro.

Col. No. 9975. Instituto Botanico, Sao Paulo, Brazil. Plant prostrate, rooting at the nodes; taproot.

261868 to 261872. *ARACHIS VILLOSA* Benth.

Prostrate perennials; taproot.

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| 261868. Col. No. AK 7897. | 261871. Col. No. AK 7830. |
| 261869. Col. No. DEIP 6519. | 261872. No field number. |
| 261870. No field number. | |

261873. *ARACHIS* sp.

Col. No. 10,000. Urucum road, Corumba, Brazil. Diogoi-like perennial; taproot; pegs horizontal.

261874. *ARACHIS* sp.

Col. No. 10,017. Robore, Bolivia. Pubescent, prostrate perennial; pegs oblique.

261875. *ARACHIS* sp.

Col. No. 10,034. Santa Cruz, de Sierra, Bolivia. Prostrate perennial enlarged, crown flat; flowers yellow; standards, wings and calyx lobes almost glabrous; pegs horizontal.

261876 to 262147.

From Argentina, Bolivia, Brazil, Paraguay, and Peru. Seeds collected by W. C. Gregory, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Numbered Dec. 16, 1959.

From the Experiment Station, Manfredi, Argentina unless otherwise noted.

261876. *ARACHIS BURKARTII* Handro Fabaceae.

Col. No. AK 7864. Rhizomatous perennial.

261877. *ARACHIS DIOGOI* Hoehne

Col. No. 9990. Airport, Corumba, Mato Grosso, Brazil. Erect perennial; taproot, flowers in crown and branches.

261878. *ARACHIS GLABRATA* Benth.

Col. No. 9993. Corumba, Mato Grosso, Brazil. Prostrate perennial; flowers with orange standards and yellow wings, no red veins on standard; taproot.

261879 to 261890. *ARACHIS GLABRATA* var. *HAGENBECKII* (Harms) F. J. Hermann

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| 261879. Rhizomatous perennial. |
| 261880. Col. No. AK 7934. Plant perennial, rhizomatous. |
| 261881. Rhizomatous perennial. |
| 261882. Rhizomatous perennial. |

261876 to 262147—Continued**261879 to 261890—Continued**

261883. Col. No. AK7855. Rhizomatous perennial.
 261884. Rhizomatous perennial.
 261885. Rhizomatous perennial.
 261886. Col. No. AK 7870. Rhizomatous perennial.
 261887. Rhizomatous perennial.
 261888. Rhizomatous perennial.
 261889. Col. No. AK 7910. Rhizomatous perennial.
 261890. Col. No. AK 7847. Rhizomatous perennial.

261891 to 262129. ARACHIS HYPOGAEA L.**Peanut.**

261891. R.C.M. 422. Testa mottled; seeds large. San Jose de Chiquitos, Bolivia.
 261892. R.C.M. 423. Testa mottled, seeds large. San Jose de Chiquitos, Bolivia.
 261893. R.C.M. 424. Testa mottled, seeds large. Cochabamba, Bolivia.
 261894. R.C.M. 425. Testa mottled. Santa Cruz, Bolivia.
 261895. R.C.M. 426. Testa mottled. Santa Cruz, Bolivia.
 261896. R.C.M. 427. Testa red. Santa Cruz, Bolivia.
 261897. R.C.M. 428. Testa red. Santa Cruz, Bolivia.
 261898. R.C.M. 429. Testa red. Cochabamba, Bolivia.
 261899. R.C.M. 430. Testa reddish-salmon. Cochabamba, Bolivia.
 261900. R.C.M. 431. Testa reddish-salmon. Cochabamba, Bolivia.
 261901. R.C.M. 432. Testa pale rose to deep red. Rio Chapore, Bolivia. Cultivated by the Yaras Indians.
 261902. R.C.M. 433. Mixture of types. Cochabamba, Bolivia.
 261903. R.C.M. 436. Testa deep red. Villa Tunari, Rio Chapore, Bolivia.
 261904. R.C.M. 437. Testa rose to claret-red. Samaipata, Bolivia.
 261905. R.C.M. 438. Testa rose-salmon. Villa Tunari, Bolivia.
 261906. R.C.M. 439. Testa mottled. Samaipata, Bolivia.
 261907. R.C.M. 440. Samaipata, Bolivia.
 261908. R.C.M. 441. Testa dark red. Samaipata.
 261909. R.C.M. 442. Samaipata, Bolivia.
 261910. R.C.M. 443. Samaipata, Bolivia.
 261911. R.C.M. 444. Samaipata, Bolivia.
 261912. R.C.M. 445. Samaipata, Bolivia.

From Experiment Station, Paso de la Patria, Corrientes, Argentina.

261913. R.C.M. 446. 'Guanaco' or 'Guaycuru'. Seeds from one population.
 261914. R.C.M. 447-1. 'Guanaco' or 'Guaycuru'.
 261915. R.C.M. 447-2. 'Guanaco' or 'Guaycuru'.
 261916. R.C.M. 447-3. 'Guanaco' or 'Guaycuru'.
 261917. R.C.M. 447-4. 'Guanaco' or 'Guaycuru'.
 261918. R.C.M. 449-1. Testa black.
 261919. R.C.M. 449-2. Testa black.

261876 to 262147—Continued**261891 to 262129—Continued**

- 261920.** R.C.M. 449-3. Testa black.
- 261921.** R.C.M. 449-4. Testa black.
- 261922.** R.C.M. 449-5. Testa black.
- 261923.** R.C.M. 449-6. Testa black.
- 261924.** R.C.M. 449-7. Testa black.
- 261925.** R.C.M. 450. San Cosme, Corrientes, Argentina. Testa black.
From farm of V. M. Moyol, Ramada Paso, Corrientes, Argentina.
- 261926.** R.C.M. 453-1. Plants large, testa black.
- 261927.** R.C.M. 453-2. Plants large, testa black.
- 261928.** R.C.M. 453-3. Plants large, testa black.
- 261929.** R.C.M. 453-4. Plants large, testa black.
- 261930.** Farm of J. A. Rowan, Ruta, road to Loreto, Corrientes, Argentina.
R.C.M. 454. Testa a mixture of colors.
From Arroyo Santa Maria, Itapua Department, Paraguay.
- 261931.** R.C.M. 455-1. Testa white.
- 261932.** R.C.M. 455-2. Testa white.
- 261933.** R.C.M. 455-3. Testa white.
- 261934.** R.C.M. 455-4. Testa white.
- 261935.** R.C.M. 455-5. Testa white.
- 261936.** R.C.M. 456-1. Testa white.
- 261937.** R.C.M. 456-2. Testa red.
- 261938.** R.C.M. 456-3. Testa red.
- 261939.** R.C.M. 456-4. Testa red.
- 261940.** R.C.M. 456-5. Testa red.
- 261941.** R.C.M. 456-6. Testa red.
- 261942.** R.C.M. 457-1. Testa violet-colored.
- 261943.** R.C.M. 457-2. Testa violet-colored.
- 261944.** R.C.M. 458-1. Testa white.
- 261945.** R.C.M. 458-2. Testa white.
- 261946.** R.C.M. 459. Testa violet-colored.
- 261947.** R.C.M. 460. Testa violet-colored.
- 261948.** R.C.M. 461. From Itapua Department, Paraguay. Seeds white.
From Arroyo Santa Maria, Itapua, Department, Paraguay.
- 261949.** R.C.M. 462. Fruits and seeds large; testa white.
- 261950.** R.C.M. 463. Fruits and seeds large; testa white.
- 261951.** R.C.M. 464. Fruits and seeds large; testa white.
- 261952.** R.C.M. 465. Fruits of various sizes; testa violet-colored.
- 261953.** R.C.M. 466. Fruits of various sizes; testa violet-colored.
- 261954.** R.C.M. 467. Fruits of various sizes; testa violet-colored.
- 261955.** R.C.M. 469. Fruits of various sizes; testa white; seeds large.
- 261956.** R.C.M. 470. Fruits of various sizes; testa red.
- 261957.** R.C.M. 471. Fruits of various sizes; testa red.

261876 to 262147—Continued**261891 to 262129—Continued**

261958. R.C.M. 472. Fruits small to medium-size; testa red.
 261959. R.C.M. 473. Fruits and seeds large; testa violet-colored.
 261960. R.C.M. 475. Fruits very small; seeds small; testa violet-colored.
 261961. R.C.M. 476. Fruits large; testa violet-colored.

From San Ignacie, Paraguay.

261962. R.C.M. 477. Fruits large; testa violet-colored.
 261963. R.C.M. 478. Fruits small; testa violet-colored.
 261964. R.C.M. 479-1. Fruits small; testa violet-colored.
 261965. R.C.M. 479-2. Fruits small; testa violet-colored.
 261966. R.C.M. 479-3. Plant atypical; fruits small; testa violet-colored.
 261967. R.C.M. 479-4. Plant atypical; fruits small; testa violet-colored.
 261968. R.C.M. 479-5. Plant atypical; fruits small; testa violet-colored.
 261969. R.C.M. 479-6. Plant atypical; fruits small; testa violet-colored.
 261970. R.C.M. 480. Fruit large; testa violet-colored.
 261971. R.C.M. 481-1. Fruits medium size; testa violet.
 261972. R.C.M. 481-2. Fruits small, testa violet-colored.
 261973. R.C.M. 481-3. Fruits medium-size, testa violet-colored.
 261974. R.C.M. 482. Fruits medium-size, testa red.
 261975. R.C.M. 483. Fruits medium-size, testa red.

Road to Caaguazu, Salida de Coronel Oviedo, Paraguay.

261976. R.C.M. 484. Fruit large, testa violet-colored.
 261977. R.C.M. 485. Fruit medium-size to large; testa red. Possibly 'Colorado Fassardi'.

Colonia Balbina (15 km. from Coronel Oviedo, road to Caaguazu), Paraguay.

261978. R.C.M. 486. Fruits large; testa violet-colored.
 261979. R.C.M. 487. Fruits medium to large; testa white.
 261980. R.C.M. 488. Fruits large, testa red.

From Puerto Embalse (Hernandarias), Paraguay.

261981. R.C.M. 489. Fruits large, testa violet-colored.
 261982. R.C.M. 490. Testa reddish-salmon and red.

Collected near Arroyo Esteros, Paraguay.

261983. R.C.M. 491. Fruits of several sizes; testa red.
 261984. R.C.M. 492. Fruits of several sizes; testa white.
 261985. R.C.M. 493-1. Fruits small; testa white.
 261986. R.C.M. 493-2. Fruits small; testa white.
 261987. R.C.M. 493-3. Fruits small; testa white.

From Isla Guazu, Paraguay.

261988. R.C.M. 494. Fruits small; testa violet-colored.
 261989. R.C.M. 495. Fruits of various sizes; testa white.
 261990. R.C.M. 496. Fruits medium-size to large; testa violet-colored.
 261991. R.C.M. 497. Fruits medium-size; testa red.

261876 to 262147—Continued

261891 to 262129—Continued

261992. R.C.M. 498. Fruits slender, long; testa white.
From Arroyo Esteros, Paraguay.
261993. R.C.M. 499. Fruits medium-size; testa red.
261994. R.C.M. 500. Fruits medium-size; testa white.
261995. R.C.M. 501. Fruits medium-size; testa violet-colored.
261996. R.C.M. 502. Fruits medium-size; testa red.
261997. R.C.M. 503. Caacupe, Paraguay. Testa white and red.
From Instituto Agronomico, Caacupe, Paraguay.

261998. R.C.M. 504. Fruits small; testa black.
261999. R.C.M. 505. Fruits medium-size; testa red.
262000. R.C.M. 506. Testa white.

Collected at Asuncion, Paraguay.

262001. R.C.M. 507. Fruits large; testa red.
262002. R.C.M. 508. Fruits large; testa red.
262003. R.C.M. 509. Fruits large; testa red.
262004. R.C.M. 510. Fruits large; testa red.
262005. R.C.M. 511. Fruits large; testa red.
262006. R.C.M. 512. Fruits of various sizes; testa red.
262007. R.C.M. 513. Mixture.
262008. R.C.M. 514. Mixture.
262009. R.C.M. 515. Fruits small and medium-size; testa violet-colored.
262010. R.C.M. 516. Fruits small; testa violet-colored.
262011. R.C.M. 517. Fruits small; testa violet colored.
262012. R.C.M. 518. Fruits large; testa white.
262013. R.C.M. 519. Fruits medium-size; testa white.
262014. R.C.M. 520. Fruits large; testa white.
262015. R.C.M. 521. Mixture.
262016. R.C.M. 522. Mixture.
262017. R.C.M. 523. Testa violet-colored.
262018. R.C.M. 524. Fruits small; testa violet-colored.
262019. R.C.M. 525. Fruits large; testa red.
262020. R.C.M. 526. Fruits large; testa red.
262021. R.C.M. 527. Fruits large; testa red.
262022. R.C.M. 528. Testa red.
262023. R.C.M. 529. Testa red.
262024. R.C.M. 530. Testa red.

From Pedro Juan Caballero, Paraguay.

262025. R.C.M. 531. Fruit medium-size; testa violet-colored.
262026. R.C.M. 532. Fruit medium-size; testa red.
- From Fazenda Manga-i, between Antonio Joa and Capitan Bado, Brazil.
262027. R.C.M. 533. Fruits small to medium size; testa violet-colored.
262028. R.C.M. 534. Sanga-Pitay-Ponta Pora, Brazil. Fruits medium-size; testa red.

261876 to 262147—Continued

261891 to 262129—Continued

262029. R.C.M. 535. Prudente, Brazil. Testa red.
 262030. R.C.M. 536. Prudente, Brazil. Testa red.
 262031. R.C.M. 537. Prudente, Brazil. Testa red.
 262032. R.C.M. 538. Prudente, Brazil. Testa red.
 262033. R.C.M. 539. Prudente, Brazil. Testa red.
 262034. R.C.M. 540. Prudente, Brazil. Testa red.
 262035. R.C.M. 541. Prudente, Brazil. Testa white.

262036. R.C.M. 542. Brazil. Testa red.
 262037. R.C.M. 543. Monte Alvae, Brazil. Testa red.
 262038. R.C.M. 544. Agua Espolhada, Brazil. Testa red.
 262039. R.C.M. 545. Monte Alvae, Brazil. Testa white.

Brazil.

262040. R.C.M. 546. Testa red.
 262041. R.C.M. 547. Testa red.
 262042. R.C.M. 548. Brazil. Testa white.
 262043. R.C.M. 549. Ameliapolis, Brazil. Testa red.
 262044. R.C.M. 550. Brazil. Testa red.
 262045. R.C.M. 551. Oro Branco, Brazil. Testa white.
 262046. R.C.M. 552. Cristalia, Brazil. Testa red.

From Paraguacu Paulista, Brazil.

262047. R.C.M. 553. Fruits small to medium-size; testa white.
 262048. R.C.M. 554. Fruits small to medium-size; testa white.
 262049. R.C.M. 555. Fruits medium-size; testa white.
 262050. R.C.M. 556. Fruits medium-size; testa white.
 262051. R.C.M. 557. Fruits medium-size; to large; testa white.
 262052. R.C.M. 558. Fruits large; testa red.
 262053. R.C.M. 559. Fruits large; testa red.
 262054. R.C.M. 560. Fruits large; testa red.
 262055. R.C.M. 561. Testa white.
 262056. R.C.M. 562. Fruits large; testa red.
 262057. R.C.M. 563. Fruits large; testa red.
 262058. R.C.M. 564. Fruits large; testa red.
 262059. R.C.M. 565. Fruits very large; testa red and violet-colored.
 262060. R.C.M. 566. Fruits large; testa red.
 262061. R.C.M. 567. Fruits large; testa violet-colored.

From Sao Paulo, Brazil.

262062. R.C.M. 568. Fruits large; testa red.
 262063. R.C.M. 569. Fruits large; testa red.
 262064. R.C.M. 570. 'Tatu'. Fruits medium-size; testa red.
 262065. R.C.M. 571. 'Tatu'. Fruits medium-size; testa red.
 262066. R.C.M. 572. Fruits medium-size; testa red.
 262067. R.C.M. 573. Fruits medium-size; testa red.

261876 to 262147—Continued

261891 to 262129—Continued

262068. R.C.M. 574. Fruits small; testa white.
 262069. R.C.M. 575. Fruits large; testa white.
 262070. R.C.M. 576. Fruits large; testa white.
 262071. R.C.M. 577. Fruits large; testa violet-colored.
 262072. R.C.M. 578. Fruits medium-size; to large; testa red.
 262073. R.C.M. 579. Fruits of various sizes; testa red.
 262074. R.C.M. 580. From Xavantina, Mato Grosso, Brazil. Fruits of various sizes; testa red.

From Ribas de Rio Pardo, Mato Grosso, Brazil.

262075. R.C.M. 581. Fruits of various sizes; testa yellow flesh-colored.
 262076. R.C.M. 582. Fruits of various sizes; testa white.
 262077. R.C.M. 583. Fruits of various sizes; testa violet-colored.
 262078. R.C.M. 584. Fruits of various sizes; testa red.

From Campo Grande, road to Cuiaba, Mato Grosso, Brazil.

262079. R.C.M. 585. Fruits medium-size; testa red.
 262080. R.C.M. 586. Fruits medium-size; testa red.
 262081. R.C.M. 587. Fruits medium-size; testa yellow flesh colored.
 262082. R.C.M. 588. Fruits medium-size; testa red.
 262083. R.C.M. 589. From Caxim, Mato Grosso, Brazil. Fruits medium-size; testa red.
 262084. R.C.M. 590. From Cuiaba, Mato Grosso, Brazil. Fruits medium-size; testa red.
 262085. R.C.M. 591. From Fazenda of Lius Bata, Anhumas, Brazil, between Cuiaba and Birro. Fruits medium-size; testa violet-colored.
 262086. R.C.M. 592. From Rosario Oeste, Mato Grosso, Brazil. Fruits medium-size to large; testa red.
 262087. R.C.M. 593. From Cerro de Saudades, Brazil. Fruits medium-size; testa red.
 262088. R.C.M. 594. From Itumbiara (Geiaz), Brazil. Fruits medium-size; testa red.
 262089. R.C.M. 595. From Corumba, Mato Grosso, Brazil. Fruits large; testa red.
 262090. R.C.M. 596-1. From Robore, Bolivia. Testa mottled red and flesh-colored.
 262091. R.C.M. 596-2. From Robore, Bolivia. Testa mottled red and flesh-colored.

From Warnes, 30 kms. from Santa Cruz, Bolivia.

262092. R.C.M. 597-1. Plants Valencia type with and without bristles, varying on the axis. Fruit medium-size; testa red.
 262093. R.C.M. 597-2. Fruits medium-size; testa red.
 262094. R.C.M. 597-3. Fruits medium-size; testa red.
 262095. R.C.M. 597-4. Fruits medium-size; testa red.
 262096. R.C.M. 597-5. Fruits medium-size; testa red.
 262097. R.C.M. 597-6. Fruits medium-size; testa red.
 262098. R.C.M. 597-7. Fruits large; testa red.
 262099. R.C.M. 597-8. Fruits medium-size; testa red.

261876 to 262147—Continued

261891 to 262147—Continued

262100. R.C.M. 597-9. Fruits medium-size; testa red.
 262101. R.C.M. 597-10. Fruits medium-size; testa red.
 262102. R.C.M. 597-11. Fruits medium-size; testa red.
 262103. R.C.M. 597-12. Fruits small to medium; testa red.
 262104. R.C.M. 597-13. Fruits medium-size; testa red.
 262105. R.C.M. 598. Fruits medium-size to large; testa red.

From Santa Cruz, Bolivia.

262106. R.C.M. 599. Testa mottled.
 262107. R.C.M. 600. Seeds large; testa white and light red.
 262108. R.C.M. 701. Seeds large; testa rosado-salmon.
 262109. R.C.M. 702. Seeds large; testa rosado-salmon.
 262110. R.C.M. 703. Seeds small; testa red.

From Experiment Station de Los Llanos, Santa Cruz, Bolivia.

262111. R.C.M. 704. 'Colorado San Simon.' From Tarija. Testa red.
 262112. R.C.M. 705. 'Criolla'.
 262113. R.C.M. 706. 'San Simon'. From Tarija. Testa mottled.
 262114. R.C.M. 707. 'San Simon'. Testa mottled.
 262115. R.C.M. 708. 'Criollo'. Testa mottled.
 262116. R.C.M. 709. From Samaipata. Testa mottled.
 262117. R.C.M. 710. 'Erquis'. From Tarija.
 262118. R.C.M. 711. 'Perla de Saavedra'.
 262119. R.C.M. 712. 'Tennessee Red'.

262120. Col. No. 9633. Valley in Sierra Amabay, west of Ponta Poya, road to Concepcion, Paraguay. Plants annual, erect.

262121 to 262128. From Lima, Peru.

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|---------------------|---------------------|
| 262121. Peru No. 1. | 262125. Peru No. 5. |
| 262122. Peru No. 2. | 262126. Peru No. 6. |
| 262123. Peru No. 3. | 262127. Peru No. 7. |
| 262124. Peru No. 4. | 262128. Peru No. 8. |

262129. Peru No. 9. From Tingo Maria, Peru.

262130. *ARACHIS HYPOGAEA* f. *NAMBYQUARAE* (Hochne) F. J. Hermann
 From Sao Paulo, Brazil. Cucuru, Acu river area.

262131. *ARACHIS LUTESCENS* Krapovickas & Rigoni.

Col. No. 9900. Northwest of Sao Lourenzo, Mato Grosso, Brazil. Prostrate perennial; flowers with red-veined orange standards.

262132. *ARACHIS MARGINATA* Gardn.

Col. No. 9735. From Airport, Campo Grande, Mato Grosso, Brazil. Erect perennial; pegs horizontal.

262133. *ARACHIS PUSILLA* Benth.

Col. No. 10038. Southwest of Salta, Argentina. Edge of Rio Avenales. Prostrate annual, taproot; pegs oblique.

261876 to 262147—Continued

262134 to 262138. *ARACHIS VILLOSA* Benth.

262134. Col. No. AK 7897. Prostrate perennial; taproot.

262135. Col. No. DEIP 6519. Prostrate perennial; taproot.

262136. Prostrate perennial; taproot.

262137. Col. No. AK 7830. Prostrate perennial; taproot.

262138. Prostrate perennial; taproot.

262139. *ARACHIS* sp.

Col. No. 10,000. Road to Urucum, Corumba, Brazil. Diogoi-like perennial; taproot; pegs horizontal.

262140. *ARACHIS* sp.

Col. No. 10,002. Three km. from Corumba, road to Urucum, Brazil. Prostrate perennial; taproot; pegs horizontal.

262141. *ARACHIS* sp.

Col. No. 10,017. From Robore, Bolivia. Prostrate perennial; taproot; pegs oblique.

262142. *ARACHIS* sp.

Col. No. 10,034. Santa Cruz de Sierra, Bolivia, road to Warnes. Prostrate perennial; crown enlarged, flat; flowers yellow, calyx lobes almost glabrous; pegs horizontal.

262143. *ARACHIS* sp.

Col. No. 10,026. From Robore, Bolivia. Prostrate perennial; taproot; standard orange with yellow spots; wings yellow.

262144. *ARACHIS* sp.

Col. No. 9525. From Institute Lille Tucuman, Argentina. Woody climber.

262145. *ARACHIS* sp.

Col. No. 9526. From Institute Lille Tucuman, Argentina. Woody climber.

262146. *ARISTOLOCHIA* sp. Aristolochiaceae.

Col. No. 10,027. Perennial without pseudo-stipula, glabrous, low; limb of calyx orbicular.

262147. *ARISTOLOCHIA* sp.

Col. No. 10,021. Woolly and woody perennial; limb of calyx expanded into two wings.

262148. *STYLOSANTHES MUCRONATA* Willd. Fabaceae.

From Northern Rhodesia. Seeds presented by the Department of Agriculture, Soil Conservation Service, Kasama, Southern Province. Received Dec. 17, 1959.

Hardy annual in natural grazing areas; a short grass species native to Ceylon.

262149 to 262158. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. Fabaceae.
Guar.

From Pakistan. Seeds presented by the Agricultural College, Lyallpur, Karachi. Received Dec. 17, 1959.

262149. 1C-80. No. 2/18. **262154.** 1C-85. No. 1/95.

262150. 1C-81. No. 2/13. **262155.** 1C-86. No. 2.

262151. 1C-82. No. 2/13. **262156.** 1C-87. No. 2/51.

262152. 1C-83. No. 3. **262157.** 1C-88. No. 3/7.

262153. 1C-84. No. 2/3. **262158.** 1C-89. No. 1/3.

262159 to 262161.

From Spain. Seeds collected by Elmo Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 18, 1959.

262159 and 262160. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

262159. Col. No. D-110. Metaro, north of Barcelona. Plants medium height; fruits small, 30 cluster, tip at blossom end. Picked green and hung in shed. Resembles *L. pimpinellifolium*.

262160. Col. No. D-111. Metaro, north of Barcelona. Plants medium height; few fruits in cluster, no tip on blossom end.

262161. *SPINACIA OLERACEA* L. Chenopodiaceae. **Common spinach.**
Col. No. D-67. 'Monstruosa Viroflay'. Vallodolid.

262162 to 262165.

From Switzerland. Seeds collected by Elmo Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 18, 1959.

262162. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

Col. No. D-116. 'Cocarde'. Geneva. Greenhouse type; vines small; fruits heavy-set.

262163 to 262165. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

262163. Col. No. D-145. 'Wadenswiler'. Zurich. Plant bush type.

262164. Col. No. D-145. 'Fruhe Wadenswiler'. Zurich. Early maturing stringless, rust resistant, pole type.

262165. Col. No. D-147. 'Juli Sel. Wadenswil'. Zurich. Pole type; string pod; partially resistant to local bean viruses.

262166 to 262170.

From France. Seeds collected by Elmo Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 18, 1959.

262166. *ASPARAGUS OFFICINALIS* L. Convallariaceae. **Garden asparagus.**

Col. No. D-1. 'Asperge de Vinevil'. St. Claude-Diray (Loir-et-cher), near Blois. Plant with 5 spears; drought resistant.

262167. *CHAEROPHYLLUM* sp. Apiaceae.

Col. No. D-28. Rocky banks and roadsides north of Niort. Plant wild; to one meter high; flowers white; anthers pink, few. Resembles carrot but leaves are larger, broader.

262168. *CHENOPodium AMARANTICOLOR* Coste & Reynier. Chenopodiaceae.

Col. No. D-113. 'Spinach'. Gattieres, north of Nice.

262169. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**

Col. No. D-114. Carpentras. Vines healthy; first fruits round, later elongated, slightly ribbed, weakly netted; exterior color green; flesh deep orange.

262170. *CUCUMIS MELO* var. *FLEXUOSUS* (L.) Naud.

Col. No. D-118. 'Meissonnie'. Farmer's market, Marseille. Fruits round, heavily netted, bright yellow; flesh dark yellow to orange.

262171 to 262176.

From Germany. Seeds collected by Elmo Davis, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 18, 1959.

262171 to 262176—Continued

262171. *CARUM CARVI* L. Apiaceae. **Caraway.**

Col. No. D-177. Bayerische Staatliche Lehr-und-Forschungsanstalt für Gartenbau, Weihenstephan bei Freising.

262172. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

Col. No. D-193. Heidelberg. Fruits light-yellow; reported to have thick flesh. May segregate for yellow or green color.

262173 to 262175. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

262173. Col. No. D-178. XXIII/II. Weihenstephan bei Freising. Plant cold tolerant.

262174. Col. No. D-179. XIV b 12. Weihenstephan bei Freising. Plant cold tolerant.

262175. Col. No. D-195. Eschweiler bei Duren. Fruits large, dark, more numerous than 'Money-maker'.

262176. *PHASEOLUS* (hybrid). Fabaceae. **Bean.**

Col. No. D-196. *P. vulgaris* X *P. multiflora*. Eschweiler bei Duren. Pole type; seeds white.

262177 to 262179.

From Portugal. Seeds collected by Elmo Davis, agricultural explorer, New Corps Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 18, 1959.

262177. *ALLIUM SCHOENOPRASUM* L. Liliaceae. **Chive.**

Col. No. D-92. Porto. Plants uniform, to eight inches high.

262178. *VIGNA SESQUIPEDALIS* (L.) FRUWIRTH. Fabaceae. **Yardlong cowpea.**

Col. No. D-90. Bolhao market, Porto.

262179. *VIGNA SINENSIS* (Torner) Savi **Common cowpea.**

Col. No. D-89. Bolhoa market, Porto.

262180 and 262181. *GLYCINE MAX* (L.) Merr. Fabaceae. **Soybean.**

From China. Seeds presented by the Plant Industry Division, Joint Commission on Rural Reconstruction, Taipei, Taiwan. Received Dec. 18, 1959. Reported to have been introduced from Japan and presently growing in the central and northern parts of Formosa.

262180. 'Sankuo'.

262181. 'Shihshik'.

262182. *HORDEUM VULGARE* L. Poaceae. **Common barley.**

From Sweden. Presented by an anonymous donor.

'Fimbul II'. Winter type.

262183 to 262186.

From Italy. Seeds presented by the Istituto di Agronomia Generale Università Degli Studi di Pisa, Pisa. Received Dec. 21, 1959.

262183. *SCORPIURUS SUBVILLOSA* L. Fabaceae. **Scorpiontail.**

262184 to 262186. *TRIFOLIUM RESUPINATUM* L. Fabaceae. **Persian clover.**

262184. 'Spontaneo'.

262185. E-284 'Precoce'.

262186. 12-255 'Tardivo'.

262187. *MALVA VISCUS CONZATTII* Greenm. Malvaceae.

From the British West Indies. Cuttings presented by the Imperial College of Tropical Agriculture, Trinidad.

262188. FICUS KELLERMANII Standl. Moraceae.

From Central America. Seeds collected by the University of Hawaii. Received through I. J. Condit, Riverside, California.

Seeds viable after two years old.

262189. PISUM SATIVUM L. Fabaceae.

Pea.

From Costa Rica. Seeds presented by the W. Atlee Burpee Co., Philadelphia, Pa. 'Big Pea'.

262190 to 262194.

From Mexico. Rooted plants and budwood collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 21, 1959.

262190. PSIDIUM sp. Myrtaceae.

Col. No. 18376. Sierra Surotato, Sinaloa. Tree small; leaves bright, shiny; fruits large, sweeter than *P. guava* (rooted plants).

262191. EUPHORBIA PULCHERRIMA Willd. ex Klotz. Euphorbiaceae.

Col. No. 18375. Sierra Surotato, Sinaloa. Perennial herb; stems to 8 dm. long; leaves variable; bracts dark red (roots and crowns).

262192. LIPPIA ALBA N. E. Brown ex Britton & Wilson. Verbenaceae.

Col. No. 18364. Northwest end of Cerro Tecomate, Sinaloa. Aromatic, rare, ornamental shrub (budwood and plants).

262193. RAUVOLFIA sp. Apocynaceae.

Col. No. 18369. Sierra Surotato, Sinaloa. Elevation 1,800 meters. Perennial herb to 1 meter high; flowers yellow (plants).

262194. SALVIA MADRENSIS Seem. Menthaceae.

Col. No. 18373. Sierra Surotato, Sinaloa. Elevation 1,200 meters. Perennial to 1.5 meters high; leaves dark green; flowers bright yellow. Rare ornamental.

262195. DIGITALIS LANATA Ehrh. Scrophulariaceae.

From the Belgian Congo. Seeds presented by E. V. Chauveaux, "Bulengera", B.P. 11, Goma. Received Dec. 21, 1959.

From Domaine du Rawnkeri, Ruhengeri (Ruanda-Urundi).

262196 to 262202.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 22, 1959.

262196. AGERATUM CORYMBOSUM Zucc. Asteraceae.

Col. No. 18145. Rocky slope north of Rio Nazas, Durango. Elevation 2,100 meters. Plant caespitose; base rhizomatous; flowers bright purple.

262197 and 262198. BIDENS sp. Asteraceae.

262197. Col. No. 18208. Thirty-seven km. east of Palmito, Durango. Elevation 2,700 meters. Symmetrical perennial, to 1.3 meters high; flowers lavender.

262198. Col. 18209. Thirty-seven km. east of Palmito, Durango. Elevation 2,700 meters. Symmetrical perennial; leaves fine; flowers reddish.

262199. BURSERA ODORATA T.S. Brandeg. Balsameaceae.

Col. No. 18236. Thirty-nine km. southeast of Ciudad, Durango. Big-budded, dwarf; leaflets five.

262200. SALVIA REGLA Cav. Menthaceae.

Col. No. 17933. Forty-four km. west of Parral, Chihuahua. Elevation 1,960 meters. Shrub; flowers orange-red.

262196 to 262202—Continued

262201. *SILENE LACINIATA* Cav. Silenaceae.

Col. No. 18086. Twenty-six km. northeast of El Vergel, Chihuahua. Elevation 2,700 meters. Herb, possibly perennial.

262202. *ZINNIA MULTIFLORA* L. Asteraceae.

Col. No. 18226. Forty-six km. southeast of Ciudad, Durango. Elevation 1,800 meters. Diffuse, annual herb; flowers bright orange-yellow.

262203 to 262232.

From France. Seeds presented by R. Mayer, Versailles. Received Dec. 22, 1959.

262203 to 262211. *AVENA SATIVA* L. Poaceae. **Common oats.**

262203. 'Avoine de Versailles'.

262204. 'Blanche de Wattines'. (Cultivated extensively).

262205. 'Blanche-Neige'.

262206. 'Flamande Despress'. (Cultivated extensively).

262207. 'Nappe d'Argent'.

262208. 'Noire de Moyencourt'. (Cultivated extensively).

262209. 'Pendek'.

262210. 'Vega'.

262211. 'Avoine d'Hiver du Prieure'. Resistant to cold.

Winter type.

262212 to 262221. *HORDEUM VULGARE* L. Poaceae. **Common barley.**

262212 to 262217. Winter type.

262212. 'Bordia'. An old and popular variety.

262213. 'Escourgeon Hatif de Grignon'.

262214. 'Hatif Bonte'.

262215. 'Manon'. A recent variety from Belgium.

262216. 'Probstdorf'.

262217. V. 14. ('Bordia' × 'Kenia'). A recent variety resistant to lodging.

262218 to 262221. Spring type.

262218. 'Piroline'.

262220. 'Rika'.

262219. 'Aurore'.

262221. 'Beka'.

262222 to 262232. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**

Winter type. Northern region.

262222. 'Bellevue'. Resistant to cold. Cultivated in the eastern region.

262223. 'Cappelle-Desprez'. (*Cercospora herpotrichoides* Fron. F2). A popular variety. Somewhat susceptible to foot rot.

262224. 'Champlein'. A new variety.

262225. 'Maitre Pierre'.

262226. 'Marne'. A new variety somewhat susceptible to foot rot.

262227. 'Petit-Quinquin'. Very resistant to lodging.

262228. 'Poncheau'.

262229. 'Prestige'. A new variety.

262230. 'Vilmorin'. An old variety. Southern region.

262231. 'Etoile de Choisy'. Spring type. An early variety. Southern region.

262232. 'Werna'. Resistant to block rust. Southern region.

262233 to 262241.

From Kenya. Seeds presented by the Grassland Research Station, Kitale.
Received Dec. 22, 1959.

262233. *TRIFOLIUM BACCARINII* Chiov. Fabaceae. **Clover.**

No. K 54198. Annual, indigenous to Kenya. Elevation 1,500 meters. Roots at nodes; valuable for pasture.

262234. *TRIFOLIUM BURCHELLIANUM* var. *JOHNSTONII* (Oliv.) Gillet. **Clover.**

No. K 576. Smooth perennial; leaves long stemmed; leaflets membranous; flowers globose, heads to 25 mm. in diameter. Forage plant at high altitude; resembles *T. repens*.

262235. *TRIFOLIUM CHERANGANIENSE* Gillett.

No. K 50112. Indigenous clover of economic importance in East Africa. Plant cool season perennial, tender. (Possible hybrid of *T. cryptopodium* and *T. semipilosum*.)

262236. *TRIFOLIUM MASAIENSE* Gillett.

No. K 54260. Found in Tanganyika. Elevation 1,800 meters. Annual, similar in habit to *T. semipilosum*; to 60 cm. high, glabrescent; flowers pinkish-white.

262237. *TRIFOLIUM RUPPELLIANUM* Fresen.

No. K 53866. Annual; stems erect, branched; flowers in rounded, stalked heads; peduncles slightly pilose, longer than leaves; leaves glabrous. (Known as 'Ruppel's Clover' in S. Rhodesia.)

262238. *TRIFOLIUM SEMIPILOSUM* Fresen.

No. K 5154. Common in East Africa and Ethiopia. Noncreeping, dwarf perennial; strong taproot; flowers white.

262239. *TRIFOLIUM STEUDNERI* Schweinf.

No. K 51100. Glabrous annual; stems erect, branched, stalks 25 mm. long; leaflets linear; flowers violet, about 20 in a dense head; seed pod ovoid, 2-seeded.

262240. *TRIFOLIUM TEMBENSE* Fresen.

No. K 5252. Highlands. Elevation 2,700 meters. Creeping perennial, foliage stiff, hard, not palatable or nutritious; flowers few, wine-colored, turning blue in herbarium specimens; seeds few.

262241. *TRIFOLIUM USAMBARENSE* Taub.

No. K 53814. Tropical, low elevation, mesophyte. Plant palatable; used for pasturage.

262242 to 262266.

From the Netherlands. Plants purchased from the Royal Moerheim Nurseries, Dedemsvaart. Received Dec. 23, 1959.

262242. *ACER RUFINERVE* Sieb. & Zucc. Aceraceae. **Maple.**
'Erythrocladum'.

262243. *BERBERIS LINEARIFOLIA* Phil. Berberidaceae.
'Orange King'.

262244. *BUDDLEIA CRISPA* var. *FARRERI* (Balf. & W.W. Sm.) Hand.-Mzt. Loganiaceae.

262245. *BUDDLEIA DAVIDII* Franch. **Orange-eye butterflybush.**

262246. *CEANOTHUS* (hybrid) Rhamnaceae.
'Brilliant'.

262247 and 262248. *CEANOTHUS* × *DELLIANUS* Spach

262247. 'Charles Detriche'.

262248. 'Indigo'.

262242 to 262266—Continued

262249. *CEANOETHUS* (hybrid)
'Lucie-Simon'.
- 262250 and 262251. *CEANOETHUS* × *PALLIDUS* Lindl.
262250. 'Marie Simon'.
262251. 'Topaz'.
262252. *CORIARIA TERMINALIS* Hemsl. Coriariaceae. **Sikkim coriaria.**
262253. *CORNUS ALBA* L. Cornaceae. **Tatarian dogwood.**
'Westonbirt'.
262254. *COTONEASTER CONSPICUA* Comber. Malaceae.
'Decora'.
262255. *FORSYTHIA SUSPensa* (Thunb.) Wahl. Oleaceae. **Weeping forsythia.**
'Athrocaulis Nymans'.
262256. *INDIGOFERA POTANINII* Craib. Fabaceae. **Potanin.**
262257. *KOLKWITZIA AMABILIS* Graebn. Caprifoliaceae.
'Rosea'.
262258. *MAHONIA AQUIFOLIUM* (Pursh) Nutt. Berberidaceae. **Oregongrape.**
'Vicarii'.
262259. *MAHONIA PINNATA* (Lag.) Fedde Berberidaceae.
262260. *PHILADELPHUS DELAVAYI* (L.) Henry Hydrangeaceae. **Mockorange.**
'Nymans'.
262261. *POTENTILLA FRUITICOSA* L. Rosaceae. **Shrubby cinquefoil.**
'Longacre'.
262262. *PRUNUS YEDOENSIS* Mats. Amygdalaceae. **Mame cherry.**
'Moerheimii'.
- 262263 and 262264. *ROSCOEIA PURPUREA* J. E. Smith Zingiberaceae.
262263. No. 1.
262264. No. 2.
262265. *SALIX BOCKII* Seem. Salicaceae.
262266. *SINARUNDINARIA MURIELAE* (Gamble) Nakai Poaceae. **Bamboo.**
- 262267 to 262308.**
- From Brazil. Seeds collected by W. C. Gregory, collaborator, New Crops Research Branch, Crops Research Division, Beltsville, Md. Numbered Dec. 22, 1959.
262267. *ARACHIS* sp. Fabaceae.
Col. No. 9839. Fifty-four km. north of Campo Grande, road to Cuiaba, Mato Grosso. Plants in dense mats.
262268. *ARACHIS BENTHAMII* Handro
Col. No. 9869. Two hundred twenty-one km. north of Campo Grande, road to Cuiaba, Mato Grosso. Plants in dense mat.
262269. *ARACHIS LUTESCENS* Krapovickas & Rigoni Fabaceae.
Col. No. 9898. One hundred km. south of Cuiaba, Mato Gross. Prostrate perennial; roots tuberous; standards red-veined.
262270. *ARACHIS GLABRATA* Benth. Fabaceae.
Col. No. 9901. Roadside 60 m. east of Cuiaba, Mato Grosso. Prostrate perennial, taproot.

262267 to 262308—Continued

262271 to 262273. *ARACHIS LUTESCENS* Krapovickas & Rigoni Fabaceae.

262271. Col. No. 9903. One hundred seventy-six km. north of Sao Lorenco, 60 km. east of Cuiaba. Prostrate perennial; roots tuberous.

262272. Col. No. 9906. Collected 10 km. north of Cuiaba, Mato Grosso. Prostrate perennial; roots tuberous; standard red-veined.

262273. Col. No. 9920. Seventeen km. northeast of Rosario Oeste, road to Esterado, Mato Grosso. Prostrate perennial; roots tuberous.

262274. *ARACHIS* sp.

Col. No. 9923. Seventeen km. northeast of Rosario Oeste, road to Estavado, Mato Grosso. Prostrate perennial; roots tuberous.

262275. *ARACHIS MARTII* Handro Fabaceae.

Col. No. 9926. End of bridge, northwest Cuiaba, Mato Grosso. Perennial; flowers orange (similar to *Arachis glabrata*), with yellow spots on standards; taproot.

262276. *ARACHIS* sp.

Col. No. 9948. Thirty-five km. southeast of Rio Verde. Rhizomatous perennial; flowers large; standard orange; wings yellow.

262277. *ARACHIS TUBEROSA* Benth.

Col. No. 9837. Fifty-four km. north of Campo Grande, road to Cuiaba, Mato Grosso. Erect tuberous rooted, perennial.

262278 and 262279. *ARACHIS GLABRATA* var. *HAGENBECKII* (Harms) F. N. Hermann.

262278. Col. No. 9841. Fifty-four km. north of Campo Grande, road to Cuiaba, Mato Grosso. Pubescent, erect, perennial; taproot.

262279. Col. No. 9843. Fifty-four km. north of Campo Grande, road to Cuiaba, Mato Grosso. Glabrous, erect, perennial; taproot.

262280. *ARACHIS* sp.

Col. No. 9848. One hundred km. north of Campo Grande, road to Cuiaba, Mato Grosso. Erect perennial; roots tuberous.

262281. *ARACHIS* sp.

Col. No. 9858. One hundred sixty-three km. north of Campo Grande, road to Cuiaba, Mato Grosso. Plant erect; roots tuberous.

262282. *ARACHIS* sp.

Col. No. 9863. One hundred ninety km. north of Campo Grande, road to Cuiaba, Mato Grosso.

262283. *ARACHIS* sp.

Col. No. 9839. Fifty-four km. north of Campo Grande, road to Cuiaba, Mato Grosso.

262284. *ARACHIS BENTHAMII* Handro

Col. No. 9869. Two hundred twenty-one km. north of Campo Grande, road to Cuiaba, Mato Grosso. Plants form a dense mat.

262285. *ARACHIS* sp.

Col. No. 9875. North of Rio Verde 11 km., Mato Grosso.

262286. *ARACHIS* sp.

Col. No. 9882. Fifty-two km. north of Rio Verde, road to Cuiaba, Mato Grosso. Rhizomatous perennial.

262287. *ARACHIS GLABRATA* Benth.

Col. No. 9893. Rhondonopolis, Mato Grosso, 176 km. north of Gaucho, road to Cuiaba. Rhizomatous perennial.

262267 to 262308—Continued

262288. *ARACHIS* sp.

Col. No. 9894. Ten km. west of Rondonopolis, Mato Grosso. Rhizomatous perennial.

262289. *ARACHIS LUTESCENS* Krapovickas & Rigoni

Col. No. 9898. One hundred km. south of Cuiaba, Mato Grosso. Prostrate perennial, standards red-veined; roots tuberous.

262290. *ARACHIS GLABRATA* Benth.

Col. No. 9901. Road side, 60 km. east of Cuiaba, Mato Grosso. Prostrate perennial; taproot.

262291 to 262293. *ARACHIS LUTESCENS* Krapovickas & Rigoni

262291. Col. No. 9903. One hundred seventy-six km. north of Sao Lorenzo, 60 km. east of Cuiaba. Prostrate perennial; roots tuberous.

262292. Col. No. 9905. Thirteen km. east of Cuiaba, Mato Grosso. Prostrate perennial; roots tuberous.

262293. Col. No. 9906. Ten km. north of Cuiaba, road to Rosaria Oeste, Mato Grosso. Prostrate perennial; roots tuberous; standards red-veined.

262294. *ARACHIS GLABRATA* Benth.

Col. No. 9918. Seventy km. north of Cuiaba, road to Rosario Oeste, Mato Grosso. Rhizomatous perennial.

262295. *ARACHIS LUTESCENS* Krapovickas & Rigoni

Col. No. 9920. Seventeen km. northeast of Rosario Oeste, Mato Grosso. Prostrate perennial; roots tuberous.

262296. *ARACHIS* sp.

Col. No. 9921. Seventeen km. northeast of Rosario Oeste, road to Estevado, Mato Grosso. Rhizomatous perennial.

262297. *ARACHIS* sp.

Col. No. 9922. Seventeen km. northeast of Rosario Oeste, road to Estevado, Mato Grosso. Rhizomatous perennial.

262298. *ARACHIS* sp.

Col. No. 9923. Seventeen km. northeast of Rosario Oeste, road to Estevado, Mato Grosso. Prostrate perennial, with high main axis; roots tuberous.

262299. *ARACHIS* sp.

Col. No. 9925. Thirty four km. northeast of Rosario Oeste, road to Estevado, Mato Grosso. Rhizomatous perennial.

262300. *ARACHIS MARTII* Handro

Col. No. 9926. Bridge, northwest edge of Cuiaba, Mato Grosso. Perennial; flowers orange (similar to *Arachis glabrata*) with yellow spots on standards; taproot.

262301. *ARACHIS* sp.

Col. No. 9935. Thirty km. east of Birro, Bondonapolis-Alta Araguaia road, Mato Grosso. Rhizomatous perennial.

262302. *ARACHIS TUBEROSA* Benth.

Col. No. 9942. Ten km. northwest of Jatai, Goias. Erect perennial; roots tuberous.

262303. *ARACHIS* sp.

Col. No. 9948. Thirty-five km. southeast on Rio Verde. Rhizomatous perennial; flowers, large; standards without spot; wings yellow.

262267 to 262308—Continued**262304. ARACHIS sp.**

Col. No. 9954. Itumbiara, Goias. Rhizomatous perennial; leaves pubescent; flowers large; standards orange with yellow spots; wings yellow with orange margin.

262305. ARACHIS sp.

Col. No. 9964. Fifty-five km. south of Bela Vista on road Itumbiara Rhizomatous perennial.

262306. ARACHIS sp.

Col. No. 9966. Ten km. south of Frutal Triangulo, Mineiros, Minas Gerais. Rhizomatous perennial.

262307. ARACHIS BURKARTII Handro

Col. No. 9974. Instituto Botanico, Sao Paulo, Rio Grande do Sul. Rhizomatous perennial; leaflets with strong margins.

262308. ARACHIS GLABRATA var. HAGENBECKII (Harms) F. J. Hermann.

Col. No. 9835. Forty-eight km. north of Campo Grande, road to Cuiaba, Mato Grosso. Erect perennial; taproot.

262309. SOLANUM CHIQUIDENUM Ochoa Solanaceae.

From Peru. Tubers presented by the Agricultural Engineer, Programa Papa, Lima. Received Dec. 28, 1959.

Has genes R1R2R3R4 resistant to *Phytophthora infestans* (potato late blight).

262310 to 262312.

From the Netherlands. Purchased from C. G. Van Tubergen's Bloembollen-en Zaadhandel N.V., Haarlem. Received Dec. 28, 1959.

262310. LEPTOCHITON QUITOENSIS Sealy Amaryllidaceae.

(Bulbs).

262311. NEOMARICA CAERULEA (Seub.) Sprague. Iridaceae.

(Plants).

262312. ZINGIBER sp. Zingiberaceae.

'Darceyi'. (Tubers).

262313. CARTHAMUS GLAUCUS L. Asteraceae.

From Lebanon. Seeds presented by the American University of Beirut, Beirut. Received Jan. 21, 1960.

Collected at the Lebanese Experimental Station, Ryak, 70 km. east of Beirut. Elevation, 900 feet.

262314 to 262319.

From Australia. Plants purchased from Thomas Perrott & Sons, Brisbane, Queensland. Received Dec. 28, 1959.

262314. LAGERSTROEMIA INDICA L. Lythraceae. Common crapemyrtle.

'Rubra'.

262315. LAGERSTROEMIA SPECIOSA (Muench.) Pers. Queen crapemyrtle.

'Flos-Reginae'.

262316 to 262319. LAGERSTROEMIA (hybrids).

262316. 'Eavesii'.

262318. 'Newmanii'.

262317. 'Heliotrope Beauty'.

262319. 'Ovalfolia'.

262320 to 262326.

From Germany. Plants purchased from the Rudolf Schmidt Flower and Rose Culture Nurseries, Rellingen. Received Dec. 28, 1959.

262320. *FAGUS SYLVATICA* L. Fagaceae.

'Cristata'.

262321. *NEILLIA AFFINIS* Hemsl. Rosaceae.

262322. *NEILLIA THIBETICA* Franch.

262323. *POTENTILLA FRUTICOSA* L. Rosaceae.

Shrubby cinquefoil.

262324. *ROBINIA PSEUDOACACIA* L. Fabaceae.

'Monophylla Fastigiata'.

262325. *SALIX PURPUREA* L. Salicaceae.

'Pendula'.

262326. *SYRINGA TIGERSTEDTII* H. Sm. Oleaceae.

262327. *SACCHARUM* (hybrid). Poaceae.

Sugarcane.

From Cuba. Cuttings presented by Hans Sorensen, Central Jaronu, Camaguey. Received Dec. 29, 1959.

J 55-663.

262328. *DIOSCOREA DELTOIDEA* Wall. Dioscoreaceae.

From India. Roots presented by the Indian Agricultural Research Institute, New Delhi. Received Dec. 29, 1959.

Grown in Katrein, Kulu Valley.

262329 to 262344.

From the Netherlands. Bulbs purchased from the C. G. Van Tubergen's Bloembollen-en Zaadhandel N.V., Haarlem. Received Dec. 29, 1959.

262329 to 262337. *ACHIMENES* (hybrids) Gesneriaceae.

262329. 'Ambroise Verschaffelt'.

262334. 'Master Ingram'.

262330. 'Leonora'.

262335. 'Mauve Queen'.

262331. 'Little Beauty'.

262336. 'Paul Arnold'.

262332. 'Maduna'.

262337. 'Purple King'.

262333. 'Magnificent'.

262338. *ACHIMENES LONGIFLORA* DC.

'Margarita'.

262339. *BESSERA ELEGANS* Schult. f. Liliaceae.

262340. *CROCOSMIA MASONORUM* (Lo Bolus) N.E.Br. Iridaceae.

262341. *GLOXINIA MACULATA* L'Her. Gesneriaceae.

'Insignis'.

262342. *HAEMANTHUS KATHERINAE* Bak. Amaryllidaceae.

Bloodlily.

Select corms.

262343. *MONTBRETIA* (hybrid). Iridaceae.

'Emily McKenzie'.

262344. *EUCOMIS UNDULATA* Ait. Liliaceae.

262345 to 262348.

From Morocco. Seeds presented by the Institut Francais de Recherches Fruitieres Outre-Mer, Rabat. Received Dec. 29, 1959.

262345. *CITRUS MEDICA* L. Rutaceae.

Citron.

'Rhobs El Arsa'. Station Experimentale de Marrakech.

262345 to 262348—Continued

262346. CITRUS RETICULATA Blanco Mandarin orange.
 'Sanguine'. Station Experimentale de Marrakech.
- 262347 and 262348. CITRUS SINENSIS (L.) Osbeck Orange.
 262347. 'Aziza'. Station Experimentale de Sidi-Slimane. Fruit sweet;
 some ornamental characteristics.
262348. 'Bou Rouhaine'. Souelah Citrus collection near Marrakech.

262349 to 262380.

From the Netherlands. Plants collected by F. G. Meyer, agricultural explorer,
 New Crops Research Branch, Crops Research Division, Beltsville, Md.
 Received Dec. 29, 1959.

Hortus Botanicus, Leiden.

262349. ALPINIA RAFFLESIANA Wall. Zingiberaceae.
262350. ALSOMITRA SARCOPHYLLA M. Roem. Cucurbitaceae.
262351. GASTROCHILUS ANGUSTIFOLIA Hall. f. Zingiberaceae.
262352. CYPERUS ALTERNIFOLIUS L. Cyperaceae.
262353. DRYNARIA SPARSISORA (Desv.) Moore Polypodiaceae.
262354. EURYCLES SYLVESTRIS Salisb. Amaryllidaceae.
262355. FICUS CONORA King Moraceae.
262356. FICUS PREUSSII Warb.
262357. GASTROCHILUS PANDURATA Ridley Zingiberaceae.
262358. GYMNSTACHYUM CEYLANICUM Arn. & Nees. Acanthaceae.
262359. HEMIGRAPHIS REPANDA Hall. f. Acanthaceae.
262360. LUDOVIA CRENIFOLIA Drude Cylanthaceae.
262361. MUSA HALABANENSIS W. Meier Musaceae.
262362. MYRMECODIA TUBEROSA Jack Rubiaceae.
262363. NEOALSOMITRA PODAGRICA van Steenis Cucurbitaceae.
262364. NEPTUNIA PROSTRATA Baill. Mimosaceae.
262365. PANDANUS GRAMINIFOLIUS Durz Pandanaceae.
262366. POGONATHERUM CRINITUM (Thunb.) Kunth Poaceae.
262367. POLYPODIUM AUREUM (L.) R. Br. Polypodiaceae.
 'Crispum'.
262368. POLYPODIUM NIGRESCENS Bl.
262369. PSEUDERANTHEMUM RETICULATUM Hort. ex Hook. Acanthaceae.
262370. RHODODENDRON (hybrid). Ericaceae.
 'Macgregoriae' × 'Zoelleri'.
262371. RHODODENDRON ZOELLERI Warb.
262372. RUELLIA BLUMEI Steud. Acanthaceae.
262373. SAMBUCUS NIGRA L. Caprifoliaceae. European elder.
262374. SELAGINELLA GRANDIS Moore Selaginellaceae.
262375. SELAGINELLA HAEMATODES (Kuntze.) Spring
262376. SELAGINELLA WILDENOVII Bak.
262377. TRADESCANTIA sp. Commelinaceae.
262378. POLYPODIUM MUSIFOLIUM Bl. Polypodiaceae.
 'Varen 88 Bogor'.

262349 to 262380—Continued

262379. *AGLAOMORPHA HERACLEUM* (Kunze) Copel. Polypodiaceae.

262380. *HITCHENIOPSIS KUNSTLERI* (Valeton) Ridl. ex Valeton Zingiberaceae.

262381. PENNISETUM PURPUREUM Schum. Poaceae. **Napiergrass.**

From the Belgian Congo. Cuttings presented by the Division de Botanique, Institut National pour l'Etude Agronomique de Congo Belge, Yangambi. Received Dec. 29, 1959.

262382 to 262393.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, Plant Introduction Section, Horticultural Crops Research Branch, Beltsville, Md. Received Dec. 30, 1959.

262382 and 262383. *ARBUTUS PENINSULARIS* Rose & Goldman Ericaceae.

262382. Col. No. 17997. Sierra Mohinora, Chihuahua. Elevation 8,000 feet. Shrub to 1.5 feet high; leaves bright green; flowers white to pink; fruits red.

262383. Col. No. 18007. Between Guadalupe y Calvo and Tecolate, Chihuahua. Elevation 7,500 feet. Bright green, ornamental shrub, to four feet high; fruits abundant.

262384. *ARBUTUS ARIZONICA* (A. Gray) Sarg. **Madrono.**

Col. No. 18087. Fourteen miles northeast of El Vergel, Chihuahua. Elevation 7,000 feet. Tree small; leaves bright green, attractive.

262385. *DAHLIA* sp. Asteraceae.

Col. No. 17951. Rio Verde road to Cienega Prieta, Chihuahua. Elevation 9,000 feet. Tall, hardy herb; flowers large, lavender.

262386. *DAHLIA* sp.

Col. No. 17993. Northeastern slope of Sierra Mohinora, Chihuahua. Elevation 7,500 feet. Perennial herb; under pines.

262387. *IPOMOEA* sp. Convolvulaceae.

Col. No. 17937. Forty-five miles west of Parral, Chihuahua. Perennial. Ornamental, grasslands, shrub.

262388. *NOLINA DURANGENSIS* Trel. Liliaceae.

Col. No. 17923. Twenty-two miles southeast of Parral, Chihuahua. Cespitose, shrub, green, leaves long, in rosettes; spikes to four feet long.

262389. *PENSTEMON* sp. Scrophulariaceae.

Col. No. 17963. Ten miles west of Chinatu, Chihuahua. Elevation 7,500 feet. Perennial; flowers red; inflorescence, paniculate.

262390. *PENSTEMON* sp.

Col. No. 17964. Twelve miles west of Chinatu, Chihuahua. Elevation 7,500 feet. Low-spreading, perennial, ornamental shrub.

262391. *PENSTEMON* sp.

Col. No. 17932. Four miles southwest of Villa Matamoros, Chihuahua. Elevation 6,000 feet. Shady side of cliff. Perennial herb; stems spreading, erect from base, to 16 inches long; flowers red; orifice yellow.

262392. *SALVIA HENRYI* A. Gray Menthaceae.

Col. No. 18066. Four miles southwest of Matamoros, Chihuahua. Elevation 6,500 feet. Shrub to 4 feet high; crown spreading; flowers reddish-purple.

262393. *TECOMA TRONADORA* (Loes.) I. M. Johnston Bignoniaceae.

Col. No. 18059. Rocky soil, Parral, Chihuahua. Elevation 6,300 feet. Shrub; flowers bright yellow.

262394. THEOBROMA CACAO L. Sterculiaceae. Cacao.

From the United States. Seeds from United States Plant Introduction Station, Miami, Florida. Received Dec. 30, 1959.

SCA-6 × UF 221. (Received on A-5238).

262395. LANTANA VELUTINA Mart. & Gal. Verbenaceae.

From Mexico. Plants presented by the University of Arizona, Tucson, Arizona. Received Dec. 30, 1959.

Collected in Jalisco, 15 miles west of Toquila, Mexico. Growing in grassland, soil rocky.

'Dwarf type'. (Received on A-5094).

262396 to 262398.

From Ireland. Seeds presented by the Department of Agriculture, Dublin. Received Dec. 30, 1959.

262396. AVENA SATIVA L. Poaceae. Common oats.

'Glasnevin Triumph'.

262397 and 262398. HORDEUM VULGARE L. Poaceae. Common barley.

262397. 'Banba'.

262398. 'Hunter'.

262399 to 262417.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Crops Research Division, Beltsville, Md. Received Dec. 30, 1959.

262399. CROTALARIA sp. Fabaceae.

Col. No. 72. 'Silbestre Semillas'. Charijoa, Sonora.

262400. CROTALARIA sp.

Col. No. 18186. Palmito, Durango. Elevation 7,000 feet. Annual to 16 inches high. Near *C. longirostrata*.

262401. DALEA CARNESCENS (Rydb.) Bullock. Fabaceae.

Col. No. 18041. Near Torreon de las Canas, Durango. Elevation 6,500 feet. Prostrate perennial; heads erect.

262402. DALEA sp.

Col. No. 17942. Rocky slope 53 miles west of Parral, road to El Vergel, Chihuahua. Elevation 6,400 feet. Shrub to 4.5 feet high; flowers yellow; pods black. Lemon odor.

262403. INDIGOFERA sp. Fabaceae.

Col. No. 17918. Tuffaceous monadnock, 22 miles southeast of Parral, Chihuahua. Spreading, perennial shrub to 3 feet high.

262404. LATHYRUS sp. Fabaceae.

Col. No. 17936. Forty-three miles west of Parral, Chihuahua-Durango border. Erect perennial shrub.

262405. LOTUS CHIHUAHUANUS (S. Wats.) Greene Fabaceae.

Col. No. 18085. Fourteen miles northeast of El Vergel, Chihuahua. Elevation 9,000 feet. Erect, perennial, diffuse herb; flowers yellow.

262406. LOTUS OBLONGIFOLIUS (A. Gray) Greene Fabaceae.

Col. No. 18206. Wet rocks 11 miles east of Palmito, Durango. Large mass of foliage.

262407. LUPINUS sp. Fabaceae.

Col. No. 17998. LaRocha, Sierra Mohinora, Chihuahua. Elevation 7,500 feet. Annual; flowers white.

262399 to 262417—Continued

262408. *NICOTIANA* sp. Solanaceae.

Col. No. 17910. About 6 miles west of Parral, Chihuahua. Elevation 5,800 feet. Slender annual.

262409. *NICOTIANA TRIGONOPHYLLA* Dunal Solanaceae.

Col. No. 17903. Between Camargo and Junenez, Chihuahua. Erect annual to 6 feet high; flowers greenish-yellow.

262410. *PHASEOLUS WRIGHTII* A. Gray Fabaceae.

Col. No. 18024. Oak woodland 15 miles northeast of El Vergel, Chihuahua. Elevation 7,000 feet. Perennial ground vine.

262411. *PHASEOLUS* sp.

Col. No. 17931. Four miles southwest of Villa Matamoros, Chihuahua. Elevation 6,200 feet. Vine.

262412 and 262413. *TRIFOLIUM AMABILE* H.B.K. Fabaceae.

262412. Col. No. 18004. Open pine woods near Guadalupe y Calvo, Chihuahua. Elevation 7,500 feet. Small decumbent perennial.

262413. Col. No. 18114. Mesa de Gonzales, 20 miles southwest of La Junta, Chihuahua. Decumbent perennial; leaves large; stems juicy, to 14 inches long. Grazed by cattle.

262414. *VICIA* sp. Fabaceae.

Col. No. 17952. Rio Verde, and road to Cienega Prieta, Chihuahua. Elevation 9,000 feet. Fine-leaved bushy vine.

262415. *VICIA* sp.

Col. No. 18021. Oak woodland 15 miles northeast of El Vergel, Chihuahua. Elevation 7,000 feet. Fine-leaved, bushy perennial.

262416. *ERAGROSTIS INTERMEDIA* Hitchc. Poaceae. **Plains lovegrass.**

Col. No. 17866. Sahuarita, Arizona border. Cultivated variety; threshed for seeds.

262417. *AQUILEGIA* sp. Ranunculaceae.

Col. No. 17994. La Rocha, east slope of Sierra Mohinora, Chihuahua. Elevation 7,500 feet. Perennial.

262418 to 262425. *CARTHAMUS TINCTORIUS* L. Asteraceae.**Safflower.**

From Canada. Seeds presented by the Agricultural Experiment Station, Lethbridge, Alberta.

From the Commonwealth Scientific and Industrial Research Organization, Canberra, Australia. Received Dec. 30, 1959.

262418. 60 (1); L-1. Plant slightly spiny; flowers white; head small. Oil content 35 percent. Iodine index value 145.

262419. 48-89 (B); L-2. Plant spineless; flowers orange-red; head large. Oil content 32 percent. Iodine index value 149.

262420. 61 910; L-3. Plant very spiny; flowers yellow; head small. Oil content 31 percent. Iodine index value 145.

262421. 'Horowitz 23' (1). Plant spineless; flowers yellow; head medium; Oil content 33.5 percent. Iodine index value 149.

262422. 4 (1); L-5. Plant slightly spiny; flowers white; head small. Oil content 35 percent. Iodine index value 149.

262423. 803; (20); L-6. Plant spineless; flowers red; head large; Oil content 35 percent. Iodine index value 152.

262424. 55 (11); L-7. Plant very spiny; flowers yellow; head medium. Oil content 36 percent. Iodine index value 145.

262425. 47-53 (T-2) (1); L-9. High oil content.

262426 to 262453. CARTHAMUS TINCTORIUS L. Asteraceae. Safflower.

From Canada. Seeds presented by the Agricultural Experiment Station, Lethbridge, Alberta.

From the All-Union Institute of Plant Industry, Leningrad, Union of Soviet Socialist Republics. Received Dec. 30, 1959.

262426.	K-20.	Afghanistan.	262440.	K-90.	Egypt.
262427.	K-21.	Afghanistan.	262441.	K-95.	Egypt.
262428.	K-29.	Tadjik S.S.R.	262442.	K-97.	Valencia, Spain.
262429.	K-32.	Ethiopia.	262443.	K-98.	Spain.
262430.	K-36.	Syria.	262444.	K-107.	Turkmen S.S.R.
262431.	K-38.	Palestine.	262445.	K-112.	India.
262432.	K-47.	Armenia.	262446.	K-113.	India.
262433.	K-61.	Ethiopia.	262447.	K-117.	Kazak S.S.R.
262434.	K-62.	Ethiopia.	262448.	K-120.	Tadjik S.S.R.
262435.	K-64.	Uzbek S.S.R.	262449.	K-129.	India.
262436.	K-66.	Africa.	262450.	K-140.	India.
262437.	K-67.	Africa.	262451.	K-141.	India.
262438.	K-70.	Africa.	262452.	K-150.	Western China.
262439.	K-76.	Ethiopia.	262453.	K-153.	Western China.

262454 to 262501.

From Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received Dec. 30, 1959.

262454 to 262458.	BROMUS INERMIS	Leyss.	Poaceae.	Smooth brome.
262454.	No. 25706.	'Morshansky 760'.	Tambov Oblast.	
262455.	No. 27852.	'Penzensky 1'.	Penza Oblast.	
262456.	No. 28195.	A selection.	Bashkir, A.S.S.R.	
262457.	No. 28199.	'Mestnyi'.	A selection.	Bashkir, A.S.S.R.
262458.	No. 33304.	'Donskoi'.	Voronezh Oblast.	
262459 to 262461.	DACTYLIS GLOMERATA	L.	Poaceae.	Orchardgrass.
262459.	No. 32087.	Kabardian,	A.S.S.R.	
262460.	No. 32088.	'Nalchikskava' selection.	Kabardian, A.S.S.R.	
262461.	No. 32797.	A selection.	Krasnodar Krai.	
262462 to 262466.	FESTUCA ELATIOR	L.	Poaceae.	Meadow fescue.
262462.	No. 25876.	'Morshanskaya 1304'.	Tambov Oblast.	
262463.	No. 27538.	'Stennaga'.	Krasnodar Krai.	
262464.	No. 29772.	'Iygevskaya 47'.	Estonia.	
262465.	No. 31689.	A selection.	Latvia.	
262466.	No. 33305.	A selection.	Kirovograd Oblast.	
262467 to 262471.	PHLEUM PRATENSE	L.	Poaceae.	Timothy.
262467.	No. 26650.	A selection.	Vologda Oblast.	
262468.	No. 27719.	'Narymskaia'.	Tomsk Oblast.	
262469.	No. 31622.	A selection.	Lithuania.	
262470.	No. 31625.	Lithuania.		
262471.	No. 32035.	Kirgiz,	S.S.R.	

262454 to 262501—Continued**262472 to 262501. ZEA MAYS L. Poaceae.****Corn.**

262472. No. 11076. White flint. Selection. White Russia, S.S.R.
 262473. No. 11139. Yellow and white flint. Selection. Kaliningradsk Oblast, RSFSR.
 262474. No. 11145. Selection. Far East Region.
 262475. No. 11147. Yellow flint. Selection. Far East Region.
 262476. No. 11148. Yellow and white flint. Selection. Far East Region.
 262477. No. 11361. Yellow half-dent. Selection. Azerbaizhan, S.S.R.
 262478. No. 11392. Yellow dent. Selection. Ukraine, S.S.R.
 262479. No. 11468. Yellow flint. Selection. Uzbek, S.S.R.
 262480. No. 11469. White flint. Selection. Uzbek, S.S.R.
 262481. No. 11477. Yellow flint and dent. Selection. Uzbek, S.S.R.
 262482. No. 11522. Yellow flint. Selection. Sakhalin.
 262483. No. 11857. White flint. Selection. Kazakh, S.S.R.
 262484. No. 11953. White dent. Selection. Georgia, S.S.R.
 262485. No. 11976. Yellow half-dent. Mountain selection. Ukraine, S.S.R.
 262486. No. 11979. Yellow and orange, dent and flint. Selection. Ukraine, S.S.R.
 262487. No. 11980. Yellow and orange, dent and flint. Selection.
 262488. No. 11984. Yellow flint. Mountain selection. Northern Caucasus.
 262489. No. 11993. Yellow flint. Selection. Daghestan, A.S.S.R.
 262490. No. 12013. White and yellow dent. Selection. Ukraine, S.S.R.
 262491. No. 12032. White, yellow and orange flint. Selection. Ukraine, S.S.R.
 262492. No. 12036. White and yellow dent. Selection. Kuybyshev Oblast, R.S.F.S.R.
 262493. No. 12038. Yellow flint. Bessarabian selection. Ukraine, S.S.R.
 262494. No. 12253. Variegated, dent and flint. Selection. Karabajhkaya Out. Oblast.
 262495. No. 12268. Yellow flint. Selection. Georgia, S.S.R.
 262496. No. 12269. Yellow dent. Selection. Georgia, S.S.R.
 262497. No. 12271. Yellow dent. Selection, Georgia, S.S.R.
 262498. No. 12277. Yellow flint. Selection. Tadzhik, S.S.R.
 262499. No. 12312. Yellow flint. Selection. Omsk Oblast, S.F.S.R.
 262500. No. 12325. Yellow flint. Selection. Moldavia, S.S.R.
 262501. No. 12332. Yellow flint. Altaisk selection. Western Siberia.

262502 and 262503. SACCHARUM (hybrids) Poaceae. Sugarcane.

From Puerto Rico. Cuttings presented by the Sugarcane and Sweet Sorghum Section, Agricultural Experiment Station, Rio Piedras. Received Dec. 30, 1959.

262502. B37161.

262503. B37172.

262504 to 262553.

From Israel. Seeds presented by the Hebrew University, Tel Aviv. Received Dec. 30, 1959.

262504 to 262508. *CARTHAMUS NITIDUS* Boiss. Asteraceae.

262504. From En-gedi. One plant.

262505. From En-gedi. One plant. Hairy.

262506. From En-gedi. One plant. Hairy.

262507. From En-gedi. One plant. Hairy.

262508. From Metsada. HU-59-8. Typical. Bulk.

262509 to 262513. *CARTHAMUS PALAESTINUS* Eig.

262509. HU-59-16. From Metsada. One plant.

262510. HU-59-23. From Metsada. Bulk.

262511. HU-59-29. From Metsada. One plant.

262512. HU-59-32. From Metsada. One plant. Flowers white.

262513. HU-59-36. From Metsada. Bulk.

262514. *CARTHAMUS TINCTORIUS* L.

Safflower.

No. 51. From Tashkent, U.S.S.R.

262515 to 262521. *HELIANTHUS ANNUUS* L. Asteraceae. **Common sunflower.**

262515. From Sofia, Bulgaria.

262516. No. 1646. From Vniimk.

262517. No. 8931. From Vniimk.

262518. No. 2-19. From I.S.R.

262519. No. N75. From Bulgaria.

262520. No. 8281. From Zhdanov, Ukraine, S.F.S.R.

262521. No. N85. From Bulgaria.

262522 to 262528. *LINUM USITATISSIMUM* L. Linaceae.

Common flax

262522. From Seirek.

262523. From Lusizia.

262524. From Mejdinen, Povdiv, Bulgaria.

262525. From Svetoch.

262526. From Rijeka, Yugoslavia.

262527. From Predilshchik.

262528. From Ungarski Sekatsch, Hungary.

262529 to 262531. *LOTUS CORNICULATUS* L. Fabaceae.

Birdsfoot trefoil.

262529. From Trebic, Czechoslovakia.

262530. From Tobor, Czechoslovakia.

262531. From Malejo, Czechoslovakia.

262532. *MEDICAGO FALCATA* L. Fabaceae.

Yellow-flowered alfalfa.

From Kuban, S. Vologda Oblast, S.F.S.R.

262533 to 262550. *MEDICAGO SATIVA* L.

Alfalfa.

262533. From Manchuria.

262534. From Hodonin, Czechoslovakia.

262535. From Zagreb, Yugoslavia.

262536. From Poltavskaya, W. Krasnodar Krai, S.F.S.R.

262537. Slavyanskaya, W. Krasnodar Krai, S.F.S.R.

262504 to 262553—Continued

262538. From Morocco.
 262539. From Tibet.
 262540. From Gramada, Bulgaria.
 262541. From Boinitsa, Bulgaria.
 262542. From Nagyszenas, Hungary.
 262543. From Szarvas, Hungary.
 262544. From Prerov, Czechoslovakia.
 262545. From Bankya, Bulgaria.
 262546. From Plavdiv, Bulgaria.
 262547. From Samkevicha, U.S.S.R.
 262548. From Stupki, Ukraine, S.S.R.
 262549. From Sofia, Bulgaria.
 262550. From Manchevska.

262551. *MELILOTUS ALBA* Desr. Fabaceae. **White sweetclover.**
 From Sofia, Bulgaria. No. N3.
 262552. *MELILOTUS OFFICINALIS* (L.) Lam. **Yellow sweetclover.**
 From Kazanlik, Bulgaria.
 262553. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**
 From Pavlikeni, Bulgaria. No. N141.

262554 to 262678.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received Dec. 30, 1959.

- 262554 to 262560. *HORDEUM VULGARE* var. *PALLIDUM* Seringe Poaceae. **Barley.**
 Selections resistant to lodging.
 262554. No. 11363. Selection, Azerbaijan, S.S.R.
 262555. No. 15240. 'Daghestansky 239'. Daghestan, A.S.S.R.
 262556. No. 16211. 'Kartuly 36'. Georgia, S.S.R.
 262557. No. 18122. 'Giaginsky 395' Krasnodar Krai. Hardy winter types.
 262558. No. 13031. 'Kruglik 21'. Krasnodar Krai.
 262559. No. 16948. 'Krasnodarsky 2929'. Krasnodar Krai.
 262560. No. 18469. 'Odessky 17'. Ukraine, S.S.R.
 262561. *SORGHUM SUNDANENSE* (Piper) Stapf Poaceae. **Sudangrass.**
 Wild collection.
 262562. *SORGHUM DURRA* Forsk.
 No. 1795. 'Jugara Karlikovaya 185'. Krasnodar Krai.
 262563 to 262567. *SORGHUM DOCHNA* (Forsk.) Snowden
 262563. No. 450. 'Severokavkazskoye Oraizhevoye'
 262564. No. 813. 'Yantar Kutaisky'.
 262565. No. 1783. 'Yantar Krasny 271/585'
 262566. No. 1791. 'Sakharnoye 28/435'
 262567. No. 2319. 'Stavropolskoye 98'

262554 to 262678—Continued

- 262568 and 262569. *SORGHUM BICOLOR* (L.) Moench
 262568. No. 1438. 'Kusanskoye Ranneye'.
 262569. No. 1418. 'Gaolyan Karlikovy'. Krasnodar Krai.
- 262570 to 262576. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**
 262570. No. 19612. 'Podolsky'. Chernovitzkaya Oblast.
 262571. No. 24631. Central Russia.
 262572. No. 24653. 'Konishchevsky'. Yaroslavl Oblast.
 262573. No. 26047. 'Sivoritsky 416'. Leningradskaya Oblast.
 262574. No. 26637. 'Narimsky'. Tomskaya Oblast.
 262575. No. 30812. 'Permsky'. Permskaya Oblast.
 262576. No. 33102. 'Abadzekhsky'. Krasnodar Krai.
- 262577 to 262583. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**
 262577. No. K-15197. Winter type. 'Moskovskaya 2453'.
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 262580. No. 40604. Winter type. 'Odesskaya 16'.
 262581. No. K-41651. Winter type. 'VIR 463'.
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 262592. No. 36458. 'Dmitrovskaya'. Moscow Oblast.
 262593. No. 35698. 'Batetskaya Belokoloska'. Novgorod Oblast.
 262594. No. 38129. 'Vysokolitovskaya'. Brext Oblast.
 262595. No. 40329. 'Saratovskaya 210'. Saratov Oblast.
 262596. No. 42771. 'Dankovi'. Lithuania, S.S.R.
 262597. No. 22233. 'Caesium 111'. Omsk Oblast.
 262598. No. 38530. 'Caesium 94'. Omsk Oblast.
 262599. No. 35803. 'Galgalos'. Selection. Armenia, S.S.R.
 262600. No. 11221. 'Krymka'. Selection, Ukraine, S.S.R.
 262601. No. 11370. 'ErythrospERMum 341'. Saratov Oblast, U.S.S.R.
 262602. No. 11389. 'Kooperatorka'. Ukraine, S.S.R.
 262603. No. 16713. 'Kyrda-Bugda'. Azerbaijan, S.S.R.
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262613. No. 40583. 'Bezenchukskaya 98'. Kuibyshev Oblast, U.S.S.R.
262614. No. 40653. 'Novoukraiinka 84'. Krasnodar Krai, U.S.S.R.
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262620. No. 39229. 'Ak-bugdai'.
262621. No. 41268. 'Baktianskaia'. Selection. Ukraine, S.S.R.
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* If the species of a genus do not have distinct common names they share the same common name as the genus.

