

I *Plant Inventory No. 168*

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D.C., March 1967



PLANT MATERIAL INTRODUCED JANUARY 1 TO DECEMBER 31, 1960 (NOS. 262679 TO 270534)

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This inventory, No. 168, lists the plant material (Nos. 262679 to 270534) received by the New Crops Research Branch, Crops Research Division, Agricultural Research Service, during the period from January 1 to December 31, 1960. 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.

The species names used are those under which the plant material was received. These have been corrected only for spelling, authorities and obvious synonymy. Questions related to the names published in the inventory and obvious errors should be directed to the author. If misidentification is apparent, please submit an herbarium specimen with flowers and fruit for reidentification.

*Plant Industry Station
Beltsville, Md.*

HOWARD L. HYLAND
Botanist.

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I N V E N T O R Y

262679 and 262680.

From the Philippines. Rhizomes collected by P. H. Allen, United Fruit Company Banana Expedition. Numbered Jan. 4, 1960.

262679. *MUSA* sp. Musaceae.

Col. No. 2-7391. 'Tomoc'. Sabangan, Bomtok, Mountain Province, Luzon. Stools few to many, blackish; pseudostems to 2.5 meters high and 35 cm. diameter; bunch massive, pendulous, with 12 hands; finger 24 cm. long, 5 cm. diameter; skin yellow, with brownish flecks, superficially resembling 'Gros Michel'.

262680. *MUSA* sp.

Col. No. 2-7401. 'Lacatan'. Sablan, Mountain Province, Luzon. Stools compact, numerous; pseudostems vigorous, to 7 meters high and 40 cm. diameter, green, with conspicuous blackish blotches; bunch pendulous, to 15 hands; fingers 21 cm. long and 4.5 cm. diameter.

262681. *SACCHARUM* (hybrid). Poaceae. Sugarcane.

From Guadeloupe. Cuttings presented by the Francaises Institut National de la Recherches Agronomiques, Domaine, Duclas. Numbered Jan. 4, 1960. R-469.

262682 to 262694.

From Mexico. Plants collected by H. S. Gentry, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Numbered Jan. 4, 1960.

262682. *AGAVE FILIFERA* Salem-Dyck Amaryllidaceae.

Col. No. 18286. On cliff, Sierra Morones, Zacatecas. Single green rosette.

262683. *AGAVE GEMINIFLORA* Ker.-Gawl.

Col. No. 18336. Ocotello, Nayarit. Capsules with seeds.

262684. *AGAVE TORTISPINA* Trelease

Col. No. 18262. Sierra Papantona, Zacatecas. Rosettes small, compact, gray, without panicles for many years.

262685. *AGAVE WOCMAHI* Gentry

Col. No. 18379. Sierra Surotato, Sinaloa. Rosette solitary, small to medium, light green to glaucous; leaves with vanilla aroma; panicle to three meters high; flowers greenish yellow.

262686. *AGAVE* sp.

Col. No. 18249. Rocky slopes, Los Tapias, Sierra Campana, Chihuahua. Elevation 5,350 feet. Plant glaucous, light green, big headed; rosettes scattered, to 3 by 6 feet; leaves ascending, to 40 inches long, linear-lanceolate; teeth on narrow margins, small, locking below; spike to 25 feet high, stout; dry flowers pink.

262687. *AGAVE* sp.

Col. No. 18325. Small, scattered maritime colony on cliffs above high tide, Manzanillo Colima. Plants multileaved, green; rosettes radial 20 by 40 inches; spike to 6 feet high; flowers not crowded, pale yellow.

262682 to 262694—Continued

262688. AGAVE sp.

Col. No. 18327. Gypsiferous slopes and cliffs, 19 miles west of Colima. Elevation 1,000 feet. Plant multileaved, green; rosettes radial, 3 by 4.5 feet; spikes to 16 feet high; flowers not crowded, pale lavender.

262689. AGAVE sp.

Col. No. 18328. Nineteen miles west of Colima. Plant small; rosettes open; weak rooted, sometimes surculose; leaves glaucous gray, zoned, crinkled, downcurved.

262690. AGAVE sp.

Col. No. 18359. Volcanic cliffs 12 miles southeast of Esquinapa, Nayarit. Elevation 300 feet. Plant bright green; leaves white marked.

262691. AGAVE sp.

Col. No. 18378. 'Noriba'. Pine-oak forest, Sierra Surotato, Sinaloa. Elevation 6,000 feet. Plant radial, green, filiferous; rosette large; spikes to 10 feet high.

262692. MANFREDA sp. Amaryllidaceae.

Col. No. 18273. Thirty-three miles north of Jalapa, Zacatecas. Elevation 6,500 feet. Rosettes green; leaves arching, guttered.

262693. MANFREDA sp.

Col. No. 18352. Oak woodlands 21 miles southeast of Tepic, Nayarit. Elevation 3,700 feet. Rosettes green, unspotted; leaves large, broad; spikes to seven feet high.

262694. ECHEVERIA sp. Crassulaceae.

Col. No. 18391. Sierra Surotato, Sinaloa. Elevation 6,000 feet. Succulent; leaves bright bronze.

262695 to 262705.

From the Union of Soviet Socialist Republics. Plants presented to the President of the United States by Premier Khrushchev. Numbered Jan. 4, 1960.

262695. ACER GINNALA Maxim. Aceraceae. Amur maple.

262696. ACER PLATANOIDES L. Norway maple.

262697. BETULA PENDULA Roth. Betulaceae.

European white birch.

262698. LARIX SIBIRICA Ledeb. Pinaceae. Siberian larch.

262699. PHELLODENDRON AMURENSE Rupr. Rutaceae. Amur corktree.

262700. PINUS CEMBRA var. SIBIRICA Loud. ex Bean Pinaceae.

Siberian Swiss Stone pine.

262701. PINUS SYLVESTRIS L. Pinaceae. Scotch pine.

262702. PRUNUS MAACKII Rupr. Amygdalaceae. Amur cherry.

262703. SORBUS (hybrid). Malaceae.

(*S. aucuparia* × *Crataegus sanguinea*).

262704. SYRINGA AMURENSIS Rupr. Oleaceae. Manchurian lilac.

262705. TILIA CORDATA Mill. Tiliaceae. European littleleaf linden.

262706 to 262709.

From Mexico. Plants collected by H. S. Gentry, plant explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Numbered Jan. 5, 1960.

262706 to 262709—Continued

262706. AGAVE MAPISAGA Trel. Amaryllidaceae.

Col. No. 18264. Km. 5, road to Jalpa, Zacatecas. Elevation 7,500 feet. Plants very large, cultivated in fence rows; suckers freely; leaves long; flowers on offset panicles, red in bud.

262707. AGAVE sp.

Col. No. 18309. Oak zone nine miles west of Autlan road to Manzanillo, Jalisco. Elevation 4,600 feet. Plant glaucous, green; rosettes 3 by 5 feet; leaves variable; panicles to 16 feet high with up to 20 laterals in upper half.

262708. AGAVE sp.

Six miles west of Autlan, Jalisco, road to Manzanillo. Elevation 4,000 feet. Single rachis; rosettes multileaved, green.

262709. AGAVE sp.

Volcanic knobs 16 miles southeast of Esquinapa, Nayarit. Elevation 300 feet. Rosettes green, suckering at maturity; leaves light green, filiferous, curving; shaft slender, straight, to 13 feet high.

262710 to 262717.

From the Union of Soviet Socialist Republics. Seeds presented to the President of the United States by Premier Khrushchev. Numbered Jan. 5, 1960.

262710. ACER GINNALA Maxim. Aceraceae. **Amur maple.**

262711. ACER PLANTANOIDES L. **Norway maple.**

262712. BETULA PENDULA Roth. Betulaceae.

262713. LARIX SIBIRICA Ledeb. Pinaceae. **Siberian larch.**

262714. PHELLODENDRON AMURENSE Rupr. Rutaceae. **Amur corktree.**

262715. PINUS SYLVESTRIS L. Pinaceae. **Scotch pine.**

262716. PRUNUS MAACKII Rupr. Amygdalaceae. **Amur cherry.**

262717. TILIA CORDATA Mill. Tibiaceae. **European littleleaf linden.**

262718. CITRUS MEDICA L. Rutaceae. **Citron.**

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Numbered Jan. 6, 1960.

Col. No. 18397. Sierra Surotato, Sinaloa. Elevation 3,500 feet. Collected December 1959.

262719 to 262731. HIBISCUS SYRIACUS L. Malvaceae. **Shrub-althea.**

From Portugal. Cuttings presented by Alfredo Moreira da Silva de Filhos Ltd., Porto. Numbered Jan. 6, 1960.

- | | |
|-------------------------------|-----------------------------------|
| 262719. 'Amarantus'. | 262726. 'Pruniceus'. |
| 262720. 'Bonjoia'. | 262727. 'Ranunculiflorus'. |
| 262721. 'Campanha'. | 262728. 'Revolta'. |
| 262722. 'Curveiros'. | 262729. 'Rosalinda'. |
| 262723. 'Grijos'. | 262730. 'Roxanus'. |
| 262724. 'Monstruosus'. | 262731. 'Sonde'. |
| 262725. 'Pompon'. | |

262732 to 262736.

From Great Britain. Plants purchased from Hillier and Sons, Winchester, England. Numbered Jan. 6, 1960.

262732. *CLEMATIS COLENSOI* Hook. f. Ranunculaceae.
 262733. *CLEMATIS HERACLEIFOLIA* DC. **Tube clematis.**
 'Cote d'Azure'.
 262734. *CLEMATIS INDIVISA* Willd. **New Zealand clematis.**
 'Lobata'.
 262735. *CLEMATIS RECTA* L. **Ground clematis.**
 'Purpurea'.
 262736. *CLEMATIS SONGARICA* Bunge

262737 to 262776.

From Japan. Plant material presented by the Botanical Garden of Osaka City University, Katano-cho Ritakawachi, Gun Osaka. Numbered Jan. 6, 1960. Scions unless otherwise noted.

- 262737 and 262738. *HIBISCUS MUTABILIS* L. Malvaceae. **Cotton rosemallow.**
 262737. 'Makino'.
 262738. Single.
 262739 to 262766. *HIBISCUS SYRIACUS* L. **Shrub-althea.**
 262739. 'Aka-hitoe'. Single.
 262740. 'Aka-yae'. Double.
 262741. 'Aka-yae'. Rooted cuttings.
 262742. 'Fuiiri'. Leaves white.
 262743. 'Gion-mamori'. White.
 262744. 'Hanagasa'. Double.
 262745. 'Hinomaru'. Flowers large.
 262746. 'Hitoe'. Original form.
 262747. 'Hitoe'. Seedling scions.
 262748. 'Koki Yae'. Double.
 262749. 'Mimihara'. Double.
 262750. 'Sakiwake'. Double, bicolor.
 262751. 'Sakiwake'. Rooted cutting.
 262752. Seedling. Single.
 262753. Seedling. Semidouble.
 262754. 'Shigyoku'. Ball flowered.
 262755. 'Shiro-Hanagasa'. White.
 262756. 'Shiro-Hitoe'. White.
 262757. 'Shiro-midare'. Double.
 262758. 'Shiro-midare'. Rooted cutting.
 262759. 'Shiro-syorin'. Single. Native to Japan.
 262760. 'Sokabeni-yae'. Double.
 262761. 'Suminokura-Hanagasa'.
 262762. 'Suminokura-yae'. Double.
 262763. 'Suminokura-yae'. Rooted cutting.

262737 to 262776—Continued

262739 to 262766—Continued

262764. 'Suminokura'. Single.

262765. 'Tamausagi'. White.

262766. 'Usu-Hitoe'. Single.

262767. *HIBISCUS* (hybrid).

262768. *LAGERSTROEMIA SUBCOSTATA* Koehne Lythraceae.

Native to Japan.

262769. *VIBURNUM DILATATUM* Thunb. Caprifoliaceae. Linden viburnum.
'Hispidum'. Seedlings.

262770. *VIBURNUM DILATATUM* Thunb. Linden viburnum.
Seedlings.

262771. *VIBURNUM EROSUM* Thunb.
Seedlings.

262772. *VIBURNUM DILATATUM* Thunb. Linden viburnum.
'Hispidum'. Seeds.

262773. *VIBURNUM JAPONICUM* (Thunb.) Spreng.
Seeds.

262774. *VIBURNUM PHLEBOTRICHUM* Sieb. & Zucc.
Seeds.

262775. *VIBURNUM SARGENTII* Koehne Sargent cranberry.
Seeds.

262776. *VIBURNUM SIEBOLDII* Miquel Siebold viburnum.
Seeds.

262777 to 262787.

From Japan. Seeds presented by the Aritaki Arboretum, Koshigaya-city, Saitama-ken. Numbered Jan. 1960.

262777. *CERCIS CHINENSIS* Bunge Caesalpiniaceae. Chinese redbud.

262778. *CORNUS KOUSA* Hance Cornaceae. Kousa dogwood.

262779. *CRATAEGUS CUNEATA* Sieb. & Zucc. Malaceae. Nippon hawthorn.

262780. *GLEDITSIA HORRIDA* (Thunb.) Makino Caesalpiniaceae.

262781. *HOVENIA DULCIS* Thunb. Rhamnaceae. Raisintree.

262782. *HYPERICUM PATULUM* Thunb. Hypericaceae. Japanese hypericum.

262783. *ILEX LATIFOLIA* Thunb. Aquifoliaceae.

262784. *STAUNTONIA HEXAPHYLLA* Decaisne Lardizabalaceae.
Japanese stauntonvine.

262785. *SYMPLOCOS CRATAEGOIDES* Buch.-Ham. Symplocaceae.

262786. *TERNSTROEMIA GYMNANTHERA* (Wight & Arn.) Sprague Theaceae.

262787. *VITEX CANNABIFOLIA* Sieb. & Zucc. Verbenaceae.

262788 and 262789. BRASSICA OLERACEA var. ACEPHALA DC. Kale.

From Japan. Seeds presented by the Chugai Nursery Company, Kobe. Numbered Jan. 1960.

262788. Fringed, fancy leaved.

262789. Round leaved.

262790 to 262865.

From Argentina, Brazil and Paraguay. Plants collected by W. C. Gregory, collaborator, Crops Research Division, Beltsville, Md. Numbered May 27, 1960.

Collected January to March 1959.

262790 and 262791. ARACHIS DIOGOI Hochne. Fabaceae.

262790. Col. No. 9788. San Gorge, Bataguacu, Campo Grande, Mato Grosso, Brazil. Erect, taprooted perennial; stalks very small, single; leaves linear-lanceolate.

262791. Col. No. 9820. Fazenda Imbrussii, 15 km. southeast of Campo Grande, Mato Grosso, Brazil. Taprooted perennial.

262792 to 262798. ARACHIS GLABRATA Benth.

262792. Col. No. 9806. Seventy km. south of Campo Grande, Rio Brillante road, Mato Grosso, Brazil. Taprooted, rhizomatous perennial.

262793. Col. No. 9813. Criacao Experimental Station, 20 km. from Campo Grande, Mato Grosso, Brazil. Rhizomatous perennial.

262794. Col. No. 9815. Criacao Experiment Station, 20 km. south of Campo Grande, Brazil. Rhizomatous perennial.

262795. Col. No. 9822. Frazenda Imbrussii, 15 km. southeast of Campo Grande, Mato Grosso, Brazil. Rhizomatous perennial.

262796. Col. No. 9827. Rio Pardo, Mato Grosso, Brazil. Rhizomatous perennial.

262797. Col. No. 9830. Rio Pardo, Mato Grosso, Brazil. Rhizomatous perennial.

262798. Col. No. 9834. Forty-eight km. north of Campo Grande, Cuiba road, Mato Grosso, Brazil. Rhizomatous perennial.

262799 and 262800. ARACHIS GUARANITICA Chod. & Hassl.

262799. Col. No. 9665. One km. from Rio Amambay, Ponta Pora road, Mato Grosso, Brazil. Erect taprooted perennial; branches glaucous.

262800. Col. No. 9701. Taprooted perennial; foliage glaucous; branches sparse.

262801 to 262804. ARACHIS GLABRATA var. HAGENBECKII (Harms) F. J. Hermann

262801. Col. No. 9553. Ten km. south of Ruta, Loreto road, Corrientes Province, Argentina. Rhizomatous perennial.

262802. Col. No. 9555-a. Estancia Fabuani, 15 km. south of Ruta, Loreto road, Corrientes, Argentina. Rhizomatous perennial; leaf size variable.

262803. Col. No. 9555-c. Estancia Fabuani, 15 km. south of Ruta, Loreto road, Corrientes, Argentina. Rhizomatous perennial; leaf size variable.

262804. Col. No. 9555-d. Estancia Fabuani, 15 km. south of Ruta, Loreto road, Corrientes, Argentina. Pubescent rhizomatous perennial.

262805 and 262806. ARACHIS MARGINATA Gardn.

262805. Col. No. 9790. One hundred and thirty-five km. west of Bataguacu, Campe Grande road, Mato Grosso, Brazil.

262806. Col. No. 9819. Fazenda Imbrussii, 15 km. southeast of Campo Grande, Mato Grosso, Brazil. Taprooted perennial.

262807. ARACHIS MARTII Handro.

Col. No. 9797. Pataguacu-Campo Grande road, Mato Grosso, Brazil. Prostrate taprooted perennial; leaves glabrous, obovate, dark green; flowers large, orange with yellow spot.

262790 to 262865—Continued

262808 and 262809. *ARACHIS VILLOSA* Benth.

262808. Col. No. 9530. Prostrate taprooted perennial; flowers yellow; standards orange.

262809. Col. No. 9531. Pubescent taprooted perennial; leaves large.

262810. *ARACHIS* sp.

Col. No. 9562. Rhizomatous perennial; flowers and leaves large.

262811. *ARACHIS* sp.

Col. No. 9564c. Arroyo Santa Maria, Trinidad road, Dept. of Paraguay. Perennial; leaves small; flowers large; standards orange; wings lemon yellow.

262812. *ARACHIS* sp.

Col. No. 9566a. Encarnacion, Trinidad road, Paraguay. Rhizomatous perennial; leaves glabrous.

262813. *ARACHIS* sp.

Col. No. 9566b. Encarnacion, Trinidad road, Paraguay. Rhizomatous perennial; leaves glabrous.

262814. *ARACHIS* sp.

Col. 9567. Encarnacion, Trinidad road, Paraguay. Rhizomatous perennial; leaves long; margin medium.

262815. *ARACHIS* sp.

Col. No. 9568. Two km. from Trinidad, Paraguay. 'Mundubiva'. Rhizomatous perennial; flowers large; standards orange; wings yellow.

262816. *ARACHIS* sp.

Col. No. 9569. Top of hill near old Jesuit Ruin, 1.5 km. from Trinidad, Itapua Dept., Paraguay. Rhizomatous perennial.

262817. *ARACHIS* sp.

Col. No. 9570. Top of hill near Jesuit Ruin, 1.5 km. from Trinidad, Paraguay. Rhizomatous perennial.

262818. *ARACHIS* sp.

Col. No. 9571. Near Trinidad and old Jesuit Ruin, Paraguay. Rhizomatous perennial.

262819. *ARACHIS* sp.

Col. No. 9572. Honenasi, near Trinidad, Itapua Dept., Paraguay. Erect, rhizomatous perennial; flowers large.

262820. *ARACHIS* sp.

Col. No. 9574. Between Santa Luis and Santa Rosa, Encarnacion road; Itapua Dept., Paraguay. Rhizomatous perennial; flowers large; wings and standards orange.

262821. *ARACHIS* sp.

Col. No. 9575. Highway storage yards and shops, San Janacia, between Encarnacion and Asuncion, Paraguay. Rhizomatous perennial; standards orange; wings lemon yellow.

262822. *ARACHIS* sp.

Col. No. 9576. Caapucu, Encarnacion-Asuncion road, Paraguay. Rhizomatous perennial.

262823. *ARACHIS* sp.

Col. No. 9577. Jardin Botanico, Asuncion, Paraguay. Rhizomatous perennial.

262790 to 262865—Continued**262824. ARACHIS sp.**

Col. No. 9578. Jardin Botanico, Asuncion, Paraguay. Rhizomatous perennial.

262825. ARACHIS sp.

Col. No. 9580. Eusibio Ayala, Asuncion, Hernandarias, Paraguay. Rhizomatous perennial; standard without yellow spot and wings.

262826. ARACHIS sp.

Col. No. 9587. Paraguay. Rhizomatous perennial; flowers large; standards orange, light yellow spot in center; wings yellow.

262827. ARACHIS sp.

Col. 9591. Asuncion, Hernandarias, Paraguay. Rhizomatous perennial.

262828. ARACHIS sp.

Col. No. 9592. Asuncion, Hernandarias, Paraguay. Rhizomatous perennial; flowers large; standards orange, without yellow spot.

262829. ARACHIS sp.

Col. No. 9596. East of Caaguacu, Paraguay. Rhizomatous perennial; flowers medium size; standards orange with small yellow spot; wings yellow.

262830. ARACHIS sp.

Col. No. 9606. Pastoreo, north of Ruta 2, Paraguay. Rhizomatous perennial; standards orange with small yellow spot; wings yellow.

262831. ARACHIS sp.

Col. No. 9610a. Pastoreo, north of Ruta 2, Paraguay. Rhizomatous perennial; leaf margins pilose.

262832. ARACHIS sp.

Col. No. 9610b. Pastoreo, north of Ruta 2, Paraguay. Rhizomatous perennial; leaf margins glabrous.

262833. ARACHIS sp.

Col. No. 9618. Arroyo Esteras, 1.5 km. south of Rio Piribebuy, Itobati, Paraguay. Rhizomatous perennial; flowers large; leaves small, glossy, dark green; standards orange with slight yellow spot; wings dark yellow.

262834. ARACHIS sp.

Col. No. 9629. Nine km. from Ponta Pora, Ponta Pora-Bela Vista road, Paraguay. Rhizomatous perennial.

262835. ARACHIS sp.

Col. No. 9630. Ten km. from Ponta Pora, Ponta Pora-Bela Vista road, Paraguay. Rhizomatous perennial.

262836. ARACHIS sp.

Col. No. 9634. Forty km. from Ponta Pora, Ponta Pora-Bela Vista road, Paraguay. Rhizomatous perennial.

262837. ARACHIS sp.

Col. No. 9636. Five km. northwest of Penso, Ponta Pora-Bela Vista road, Paraguay. Taprooted perennial.

262838. ARACHIS sp.

Col. No. 9637. Ten km. from Penso, Ponta Pora-Bela Vista road, Paraguay. Rhizomatous perennial.

262839. ARACHIS sp.

Col. No. 9642. Eight km. from Arroyo Mangaba, Ponta Pora-Bela Vista road, Paraguay. Rhizomatous perennial.

262790 to 262865—Continued**262840. ARACHIS sp.**

Col. No. 9644. Bela Vista, Brazil. Rhizomatous perennial.

262841. ARACHIS sp.

Col. No. 9645. Bela Vista, Brazil. Rhizomatous perennial.

262842. ARACHIS sp.

Col. No. 9646. Bela Vista, Brazil. Fleshy taprooted perennial.

262843. ARACHIS sp.

Col. No. 9647. Two km. from Bela Vista, Bela Vista-Ponta Pora road, Paraguay. Rhizomatous perennial.

262844. ARACHIS sp.

Col. No. 9649. Seven km. from Bela Vista, Bela Vista-Ponte Pora road, Paraguay. Rhizomatous perennial.

262845. ARACHIS sp.

Col. No. 9650. Twenty-five km. from Bela Vista, Bela Vista-Ponta Pora road, Paraguay. Rhizomatous perennial.

262846. ARACHIS sp.

Col. No. 9652. Ten km. from Penso, Bela Vista-Ponta Pora road, Paraguay-Brazil border. Annual or perennial; taprooted.

262847. ARACHIS sp.

Col. No. 9664. One km. from Rio Amambay, Amambay-Ponta Pora road, Brazil. Rhizomatous perennial; leaves orbicular.

262848. ARACHIS sp.

Col. No. 9667. One km. from Rio Amambay, Amambay-Ponta Pora road, Brazil. Rhizomatous perennial; branches ascending; leaves narrow.

262849. ARACHIS sp.

Col. No. 9672. Twenty km. south of Amambay, Capitan-Bado road, Mato Grosso, Brazil. Rhizomatous perennial.

262850. ARACHIS sp.

Col. No. 9674. About 25 km. from Capitan Bado, Amambay-Capitan Bado road, Mato Grosso, Brazil. Perennial; flowers large; standards orange with lemon-yellow spot.

262851. ARACHIS sp.

Col. No. 9678. Three km. from Capitan Bado, Amambay, Capitan-Bado road, Mato Grosso, Brazil. Rhizomatous perennial.

262852. ARACHIS sp.

Col. No. 9681. One km. from Capitan Bado on the Capitan-Bado Ype Jhee road, Mato Grosso, Brazil. Rhizomatous perennial; branches ascending; leaves lanceolate; flowers deep orange.

262853. ARACHIS sp.

Col. No. 9696. Five km. from Amambay, Amambay-Ponta Pora road, Mato Grosso, Brazil. Rhizomatous perennial.

262854. ARACHIS sp.

Col. No. 9703. Five km. from Amambay, Amambay-Ponta Pora road, Mato Grosso, Brazil. Rhizomatous perennial; leaves orbicular; flowers yellow.

262855. ARACHIS sp.

Col. No. 9706. Five km. from Amambay, Amambay-Ponta Pora road, Mato Grosso, Brazil. Rhizomatous perennial; branches ascending.

262790 to 262865—Continued**262856. ARACHIS sp.**

Col. No. 9747. Three km. from Bataguacu, Xavatina road, Mato Grosso, Brazil. Erect tuberous-rooted perennial.

262857. ARACHIS sp.

Col. No. 9753. Twelve km. from Bataguacu, Xavatina road, Mato Grosso, Brazil. Erect tuberous-rooted perennial.

262858. ARACHIS sp.

Col. No. 9761. Seven km. from Rio Pordo ferry, Bataguacu-Xavatina road, Mato Grosso, Brazil. Erect tuberous-rooted perennial.

262859. ARACHIS sp.

Col. No. 9764. Thirty km. southeast of Xavatina, Bataguacu-Fazenda Pozo Alto road, Mato Grosso, Brazil. Erect tuberous rooted perennial.

262860. ARACHIS sp.

Col. No. 9765. Thirty km. southeast of Xavatina, Bataguacu-Fazenda Pozo Alto road, Mato Grosso, Brazil. Erect tuberous rooted perennial.

262861. ARACHIS sp.

Col. No. 9766. Four km. northwest of Fazenda Pozo Alto, Bataguacu-Xavatina road, Mato Grosso, Brazil. Erect tuberous-rooted perennial; flowers large, orange, washed with violet; standards and wings same color.

262862. ARACHIS sp.

Col. No. 9769. Between Fazenda Pozo Albo and Xavatina, Bataguacu road, Mato Grosso, Brazil. Tuberous-rooted perennial; flowers medium size, orange, with lavender wash.

262863. ARACHIS sp.

Col. No. 9795. Ten km. east of Bataguacu-Campo Grande and Campo Grande-Rio Brillante road intersection, Mato Grosso, Brazil. Erect taprooted perennial.

262864. ARACHIS sp.

Col. No. 9801. Ten km. east of Bataguacu-Campo Grande and Campo Grande-Rio Brillante road intersection, Mato Grosso, Brazil. Rhizomatous perennial; branches ascending; leaves obovate, glabrous, dark green.

262865. ARACHIS sp.

Col. No. 9826. Aquidauana airfield, Mato Grosso, Brazil. Taprooted perennial; fruits short, with no isthmus. Similar to *A. hypogaea*, but very small.

262866 to 262881.

From Argentina, Brazil and Paraguay. Seeds collected by W. C. Gregory, collaborator, Crops Research Division, Beltsville, Md. Numbered May 27, 1960.

Collected January to March 1959.

262866. ARACHIS BENTHAMII Handro. Fabaceae.

Col. No. 9805. Seventy km. south of Campo Grande, Rio Brillante road, Mato Grosso, Brazil. Erect taprooted perennial; branches few.

262867. ARACHIS DIOGOI Hochne

Col. No. 9814. Criacao Experiment Station, 20 km. south of Campo Grande, Mato Grosso, Brazil. Erect taprooted perennial.

262868 and 262869. ARACHIS GUARANITICA Chod. & Hassl.

262868. Col. No. 9680. One km. from Capitan-Bado, Capitan-Bado Ype Jhee road, Mato Grosso, Brazil. Tuberous-rooted perennial; branches erect, sparse; leaves 3-foliate, glaucous.

262866 to 262881—Continued**262868 and 262869—Continued**

262869. Col. No. 9701. Five km. from Amambay, Amamby-Ponta Pora road, Mato Grosso, Brazil. Tuberous-rooted perennial; branches erect, sparse; leaves 3-foliolate, glaucous.

262870. ARACHIS MARGINATA Gardn.

Col. No. 9790. One hundred and thirty-five km. west of Bataguacu, Campo Grande road, Mato Grosso, Brazil. Erect, tuberous-rooted perennial. Flowers orange; pegs to 1 meter long, horizontal, very shallow.

262871. ARACHIS sp.

Col. No. 9566b. Eight km. northeast of Encarnacion, Trinidad road, Paraguay. Erect perennial; leaves glabrous, margined, apiculate.

262872. ARACHIS sp.

Col. No. 9625. Portera Ortiz, 7 km. from Ponta Pora, Bela Vista road, Paraguay-Brazil border. Rhizomatous perennial.

262873. ARACHIS sp.

Col. No. 9642. Eight km. from Arroyo Mangaba, Ponta Pora-Bela Vista road, Paraguay-Brazil border. Rhizomatous perennial.

262874. ARACHIS sp.

Col. No. 9646. Bela Vista, Brazil. Fleshy taprooted perennial.

262875. ARACHIS sp.

Col. No. 9747. Two km. from Bela Vista, Bela Vista-Ponta Pora road, Paraguay-Brazil border. Rhizomatous perennial.

262876. ARACHIS sp.

Col. No. 9753. Twelve km. from Bataguacu, Xavatina road, Mato Grosso, Brazil. Erect tuberous-rooted perennial.

262877. ARACHIS sp.

Col. No. 9765. Thirty km. southeast of Xavatina, Bataguacu-Fazenda Pozo Alto road, Mato Grosso, Brazil. Erect tuberous-rooted perennial.

262878. ARACHIS sp.

Col. No. 9766. Four km. northwest of Fazenda Pozo Alto, Bataguacu-Xavatina road, Mato Grosso, Brazil. Erect tuberous-rooted perennial; flowers large, orange, washed with violet; standard and wings same color.

262879. ARACHIS sp.

Col. No. 9800. Ten km. east of Bataguacu-Campo Grande and Campo Grande-Rio Brilliante road intersection, Mato Grosso, Brazil. Erect taprooted perennial; branches few.

262880. ARACHIS VILLOSA Benth.

Col. No. 9531. Arroyo Riachuela, 14 km. south of Corrientes City, Empedrado Corrientes road, Argentina. Taprooted prostrate perennial; flowers yellow; standards and wings orange.

262881. ARACHIS VILLOSA Benth.

Col. No. 9548. Romado Paso, Corrientes Province, Argentina. Similar to P.I. 262808.

262882 to 262888.

From the Netherlands. Plants purchased from the Royal Moerheim Nursery, Dedemsvaart. Numbered Jan. 7, 1960.

262882. ABIES FORRESTII Craib Pinaceae.

Fir.

262883. BUDDLEIA × PIKEI Fletcher Loganiaceae.

'Hever'.

262882 to 262888—Continued

262884. *CEDRUS LIBANII* subsp. *STENOCOMA* (Schwarz) Davis Pinaceae.

262885. *CHAMAECYPARIS LAWSONIANA* (Murray) Parl. Pinaceae.
Lawson false cypress.

'Green Hedger'.

262886. *GENISTA LYDIA* Boiss Fabaceae.

262887. *PIERIS FORMOSA* var. *FORRESTII* Harrow Ericaceae.

'Wakehurst'.

262888. *SALIX* × *BOYDII* E. F. Linton Salicaceae.

262889 to 262895.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Numbered Jan. 7, 1960.

262889. *CORIANDRUM SATIVUM* L. Apiaceae. **Coriander.**

No. 93. 'Cilantro'. San Bernardo, Sonora.

262890. *CUCURBITA MOSCHATA* Duchesne ex Poir. Cucurbitaceae. **Cushaw.**

No. 90. 'Calabasco Segualca'. San Bernardo, Sonora. Fruit large, oblong, dark green; squash and seeds eaten.

262891. *CYCLANTHERA DISSECTA* (Torr. & Gray) Arn. Cucurbitaceae.

Col. No. 17935. Rocky oak slope 42 miles west of Parral, Chihuahua. Elevation 7,400 feet. Small climbing vine; fruit ejects seed forcibly.

262892. *LYCOPERSICON ESCULENTUM* var. *CERASIFORME* (Dun.) Gray Solanaceae.

Col. No. 17741. One mile east of Bahia San Carlos, Sonora Valley. Plant slender, erect, to 3 feet high; fruit red, in panicles, to 0.4 inch diameter.

262893. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

Col. No. 17939. Roadside, 46 miles west of Parral, Chihuahua. Vine; pods red streaked.

262894. *RUBUS* sp. Rosaceae.

Col. No. 17992. Pine woods, northeast slope of Sierra Mohinora, Chihuahua. Elevation 7,500 feet. Canes reddish, erect to arching, to 6 feet long; fruit a raspberry.

262895. *SOLANUM FENDLERI* Gray Solanaceae.

Col. No. 18006. Between Guadalupe y Calvo and Tecolate. Elevation 8,000 feet. Plants small.

262896 to 262913.

From Spain. Seeds collected by E. Davis, agricultural explorer, Plant Industry Station, Beltsville, Md. Numbered Jan. 8, 1960.

262896 to 262899. *ALLIUM CEPA* L. Liliaceae. **Onion.**

262896. Col. No. D-38. 'Cebolla Amarillo de Ceoiz'. Pamplona, north Spain. Bulb flat, yellow.

262897. Col. No. D-39. 'Cebolla Blanca del Pais'. Pamplona. Bulb flat, white, matures early, does not store.

262898. Col. No. D-40. 'Cebolla Globo de Exportacion'. Pampola. Bulb yellow, stores well, exported.

262899. Col. No. D-41. 'Cebolla Encarnoda'. Pamplona. Bulb flat, red throughout, stores well.

262896 to 262913—Continued

- 262900.** ASPARAGUS OFFICINALIS L. Convallariaceae. **Garden asparagus.**
Col. No. D-35. 'Esparrago Grueso de Navarra'. Pamplona. Spears very thick; canned.
- 262901.** BETA VULGARIS var. CICLA L. Chenopodiaceae. **Swiss chard.**
Col. No. D-36. 'Acelga Penca Blanca'. Pamplona. Leaves large, thick.
- 262902 to 262905.** CAPSICUM FRUTESCENS L. Solanaceae. **Redpepper.**
262902. Col. No. D-34. 'Morrón de Fabrica'. Pamplona. Fruits flat shouldered, only about 22 percent waste in canning.
262903. 'Pimento del Pico'.
262904. 'Pimento del Cristal'.
262905. 'Pimento Nagerano'.
- 262906 to 262910.** LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**
262906. Col. No. D-2. 'La Rochapea'. Pamplona. Foliage and fruits large.
262907. 'Estonors'. Pamplona. Fruits small, very firm, to 30 per cluster.
262908. 'Palo Santo'.
262909. 'Perfeccion'.
262910. 'San Marzario'.
- 262911.** SPINACIA OLERACEA L. Chenopodiaceae. **Common spinach.**
Col. No. D-37. 'Espinaca Nobel'. Pamplona.
- 262912 and 262913.** VICIA FABA L. Fabaceae. **Broadbean.**
262912. 'Aguadulce'.
262913. 'Muchamiel'.
- 262914 to 262958.**
- From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Numbered Jan. 11, 1960.
- 262914 to 262928.** ALLIUM CEPA L. Liliaceae. **Onion.**
262914. No. 111. 'Chinazeky'.
262915. No. 123. 'Andizhansky Bely'.
262916. No. 223. 'Kaba Maikopskaya'.
262917. No. 426. 'Kaiakentsky Uluchshenny'.
262918. No. 446. 'Dungansky'.
262919. No. 464. 'Farabsky'.
262920. No. 528. 'Vertiuzhausky'.
262921. No. 531. 'Vostochny'.
262922. No. 549. 'Zolotai Shar'.
262923. No. 585. 'Grubnensky'.
262924. No. 670. 'Dnestrovsky'.
262925. No. 671. 'Odnoletny Kavsky'.
262926. No. 672. 'Ispansky 313'.
262927. No. 673. 'Krasnodarsky G-35'.
262928. No. 699. 'Kartlis-9'.

262914 to 262958—Continued

262929 to 262940. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

262929. No. 1969. 'Gruntovy Gribovsky 1180'. Moscow region.
 262930. No. 1970. 'Gruntovy Skorospely 1165'. Moscow region.
 262931. No. 2030. 'Belorussky 225'. Belorussia, S.S.R.
 262932. No. 2162. 'Shtambovy Karlik 1185'. Moscow region.
 262933. No. 2198. 'Erevani 14'. Armenia, S.S.R.
 262934. No. 2211. 'Malintka 101'. Krasnodar Dist.
 262935. No. 2306. 'Biisky Zhelty'. West Siberia.
 262936. No. 2316. 'Shtambovy Ranny 1563'. West Siberia.
 262937. No. 2317. 'Shtambovy Kartofelnolistny 1648'. West Siberia.
 262938. No. 2433. 'Kiselevsky'. Kazakh, S.S.R.
 262939. No. 2453. 'Talalikhin 186'. Belorussia, S.S.R.
 262940. No. 2671. 'Korneevsky'. Penza region.

262941 to 262958. RAPHANUS SATIVUS L. Brassicaceae. **Radish.**

262941. No. 1. 'Viurtsburgsky'. Crimea.
 262942. No. 2. 'Osnoviansky'. Ukraine.
 262943. No. 3. 'Rozovo-krasny Belym Konchikom'. Ukraine.
 262944. No. 4. 'L'dinka'. Ukraine.
 262945. No. 5. 'Kurinevsky'. Ukraine.
 262946. No. 6. 'Stakhanovets'. Kazakh, S.S.R.
 262947. No. 7. 'Tashkentsky Bely'. Uzbek, S.S.R.
 262948. No. 8. 'Dungansky'. Tadzhik, S.S.R.
 262949. No. 9. 'Iygeva 169'. Estonia, S.S.R.
 262950. No. 10. 'Graivoronskaya'. USSR.
 262951. No. 11. 'Margelanskaya'. Uzbek, S.S.R.
 262952. No. 12. 'Delicate'. Ukraine.
 262953. No. 13. 'Rubin Kar'kavsky'. Ukraine.
 262954. No. 14. 'Ledianaya Sosul'ka'. Ukraine.
 262955. No. 15. 'Virovsky Rozovy Tyel'nolistny'. Leningrad region.
 262956. No. 16. 'Lyska Odesskaya'. Odessa region.
 262957. No. 17. 'Krasn's Belym Konchikom'. Rostov region.
 262958. No. 18. 'Virovsky Belym'. Leningrad region.

262959. ZINNIA LINEARIS Benth. Asteraceae.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Numbered Jan. 11, 1960.

Col. No. 6870. Fifteen miles northeast of El Vergel, Chihuahua. **Herbaceous annual; rays red.**

262960 to 262973.

From Latvia. Scions presented by the Agricultural Experiment Station, Riga. Numbered Jan. 12, 1960.

262960 to 262972. MALUS SYLVESTRIS Mill. Malaceae. **Apple.**

262960. No. 1. 'Sipolins'.
 262961. No. 2. 'Antonovka'.

262960 to 262973—Continued**262960 to 262972—Continued**

262962. No. 3. 'Prof. Grebnicka Renete' (Berzininku Ananasas).

262963. No. 4. 'Nicnera Zemenabols'.

262964. No. 5. 'Malabols'.

262965. No. 6. 'Uljanisceva'.

262966. No. 7. 'Trebu Seklandzis'.

262967. No. 8. 'Pepin Safrannij'.

262968. No. 9. 'Reveles Bumbierabols'.

262969. No. 10. 'Paides Ziemas Abols'.

262970. No. 12. 'Krievu Rosmarins'.

262971. No. 13. 'Suislepas Rozabols'.

262972. No. 14. 'Korobovka' (Cukurins).

262973. PRUNUS sp. Amygdalaceae.

No. 11. 'Vidzemes Dzeltena Olu' plum.

262974. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**

From the United States. Seeds held at the Clemson College Truck Experiment Station, Charleston, South Carolina. Numbered Jan. 11, 1960.

Selection from P.I. 196289, from India. Seeds from only plant-producing pistillate flowers. Highly resistant to Race 2, anthracnose, *Colletotrichum lagenarium* (Pass.) Ell. & Holst.

262975. DIOSCOREA BULBIFERA L. Dioscoreaceae. **Airpotato.**

From Germany. Tubers presented by the Palmengarten, Frankfurt-am-Main. Numbered Jan. 12, 1960.

262976 and 262977. PHASEOLUS VULGARIS L. Fabaceae. **Common bean.**

From the Netherlands. Seeds collected by E. Davis, agricultural explorer, Plant Industry Station, Beltsville, Md. Numbered Jan. 12, 1960.

262976. D-210. 'Perfect'. Inst. of Hort. Plant Breeding, Wageningen. Bush bean resistant to halo blight.

262977. D-211. Inst. of Hort. Plant Breeding, Wageningen. A cross and backcross of types, twice tested with *Colletotrichum lindemuthianum* (Sacc. & Magn.) Br. & Cav.

262978 to 262980.

From Germany. Plants purchased from Rudolf Schmidt, Hamburg. Numbered Jan. 12, 1960.

262978. CLEMATIS sp. Ranunculaceae.

'Veitchiana'.

262979 and 262980. PYRACANTHA COCCINEA Roemer Malaceae. **Scarlet firethorn.**

262979. 'Orange King'.

262980. 'Praecox'.

262981 to 263014.

262981 to 262985. ALLIUM CEPA L. Liliaceae. **Onion.**

From the Netherlands. Seeds collected by E. Davis, agricultural explorer, Plant Industry Station, Beltsville, Md. Numbered Jan. 12, 1960.

From Sluis en Groot, Enkhuizen.

262981. Col. No. D-294. 'Stuttgarten'. Plant early; bulb flat, yellow.

262981 to 263014—Continued

262982. Col. No. D-295. 'Noord Holland'. Bulb flat, yellow.
262983. Col. No. D-296. 'Zittau'. Bulb round, yellow.
262984. Col. No. D-297. 'Ryusburg'. Bulb round, yellow.
262985. Col. No. D-298. 'Noord Holland Bloodred'. Bulb flat, red.
262986. *ALLIUM SCHOENOPRASUM* L. **Chives.**
Col. No. D-314. Zaadteelt en Zaadhandel.
- 262987 and 262988. *BRASSICA RAPA* L. Brassicaceae. **Turnip.**
Sluis en Groot Enkhuizen.
262987. D-283. 'Wassland Improved Medium Long'. Root white with purple top. Clubroot resistant.
262988. D-284. 'Meetpesland Round White'. Root round, white. Clubroot resistant.
262989. *CICHORIUM INTYBUS* L. Cichoriaceae. **Chicory.**
Col. No. D-286. 'Rosa Trivisa'. Leaves red.
262990. *CUCUMIS SATIVUS* L. Cucurbitaceae. **Cucumber.**
Col. No. D-285. 'Guntruud'. Pickling type. Scab and mosaic resistant.
- 262991 to 263000. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**
Sluis en Groot, Enkhuizen. Greenhouse varieties.
262991. Col. No. D-299. 'Excelsior'. Greenback variety; fruits early, round to flat round.
262992. Col. No. D-300. 'Tuckswood'. Greenback; early, round to flat round.
262993. Col. No. D-301. 'Number Ten'. Globe shaped.
262994. Col. No. D-302. 'Glory'. Globe shaped.
262995. Col. No. D-303. 'Ailsa Craig'. Greenback.
262996. Col. No. D-304. 'Moneymaker'.
262997. Col. No. D-305. 'Ronald F.' Early.
262998. Col. No. D-313. 'Pools Glas'. Fruit firm, ripens well after picking in green stage.
262999. Col. No. D-314. 'Pride Selection B'. Globe shaped.
263000. Col. No. D-315. 'Pride Selection C'. Globe shaped.
263001. *PHASEOLUS* (hybrid). Fabaceae.
Col. No. D-306. *P. vulgaris* × *P. coccineus*. Sluis en Groot, Enkhuizen. Bush bean resistant to *Colletotrichum lindemuthianum*.
- 263002 and 263003. *PHASEOLUS VULGARIS* L. **Common bean.**
Sluis en Groot, Enkhuizen.
263002. Col. No. D-310. Bush bean.
263003. Col. No. D-312. Bush bean.
- 263004 to 263007. *PHASEOLUS* (hybrids).
P. vulgaris × *P. coccineus*. Sluis en Groot, Enkhuizen.
263004. Col. No. D-307. Bush bean resistant to *Colletotrichum lindemuthianum*.
263005. Col. No. D-308. Pole bean. Bush *P. vulgaris* × 'Red Runner' *P. coccineus*.

262981 to 263014—Continued**263004 to 263007—Continued**

263006. Col. No. D-309. Pole Bean. Bush *P. vulgaris* × 'Red Runner' *P. coccineus*.

263007. D-311. Pole bean. Bush *P. vulgaris* × 'Red Runner' *P. coccineus*.

263008 to 263014. PISUM SATIVUM L. Fabaceae.

Sluis en Groot, Enkhuizen. Edible pod peas.

263008. Col. No. D-287. 'Henry'.

263009. Col. No. D-288. 'De Grace'.

263010. Col. No. D-289. 'Record'.

263011. Col. No. D-290. 'Dwarf Grey Sugar'.

263012. Col. No. D-291. 'Swiss Giants'.

263013. Col. No. D-292. 'Stam of Kruip'.

263014. Col. No. D-293. 'Slier of Krombeck'.

263015. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

From Belgium. Seeds collected by E. Davis, plant explorer, Plant Industry Station, Beltsville, Md. Numbered Jan. 12, 1960.

Col. No. D-254. Greenhouse variety; fruit small, ribbed, dark green; flesh yellow.

263016 to 263025. DAUCUS CAROTA L. Apiaceae. Carrot.

From Great Britain. Seeds collected by E. Davis, agricultural explorer, Plant Industry Station, Beltsville, Md.

From the National Vegetable Research Station Wellesbourne, Warwick, England.

263016. Col. No. D-264. DC 56001. Selection from DC 54007 for high carotene content and broad shoulder.

263017. Col. No. D-265. DC 56006. Selection from DC 54008 for high carotene content and broad shoulder.

263018. Col. No. D-266. 'Surrey Long'. Selected for root color from 42052.

263019. Col. No. D-267. Selected for root color from DC 42053.

263020. Col. No. D-268. DC 56002. Selected for root color from DC 54015.

263021. Col. No. D-269. DC 56003. 'Surrey Long'. Selected for root color from DC 42052.

263022. Col. No. D-270. DC 56004. 'Long Red Stump'. Roots coreless. Selected for root color from DC 42053.

263023. Col. No. D-271. 'Kiel Red'. Has good color.

263024. Col. No. D-272. DC 54007. Selected for high carotene content from DC 45124.

263025. Col. No. D-273. DC 54008. F₃. F₂ was a high carotene selection from DC 45124, which was an F₁ of red-cored 'Chantenay' × 'Gonsenheim'.

263026 to 263033. PISUM SATIVUM L. Fabaceae.

From France. Seeds collected by E. Davis, agricultural explorer, Plant Industry Station, Beltsville, Md. Numbered Jan. 12, 1960.

From Vilmorin-Andrieux, Paris.

263026 to 263033—Continued

263026. Col. No. D-274. 'Glorie de Quimper' ('Teizer'). Plants dwarf; pods edible; seeds green.
263027. Col. No. D-275. 'Mangetout Corne de Beleur'. Plants tall; pods crooked.
263028. Col. No. D-276. 'Gullivert'. Seeds round, green.
263029. Col. No. D-277. 'Nain Tres Hatif d'Armonay'. Plants dwarf, very early; seeds white.
263030. Col. No. D-278. 'Pois du Chemen Long'. Plants dwarf; seeds white, round, dented.
263031. Col. No. D-279. 'Mangetout Carouby'. Dwarf sugar pea; pods large; seeds gray.
263032. Col. No. D-280. 'Pois Mangetout Fondant de Saint Diserat'. Sugar pea; seeds white.
263033. Col. No. D-281. 'Pois Soysette Cent Pour Un'. Seeds white.

263034 to 263043.

From Japan. Seeds presented by the Tokai-Kinki Agricultural Experiment Station, Okitsu.

- 263034 to 263041. CITRUS SINENSIS (L.) Osbeck Rutaceae. **Orange**
- | | |
|---------------------|------------------------|
| 263034. 'Fukuhara'. | 263038. 'Kinukawa'. |
| 263035. 'Iwaikan'. | 263039. 'Tengu-mikan'. |
| 263036. 'Keraji'. | 263040. 'Ujukitsu'. |
| 263037. 'Kinoji'. | 263041. 'Yatsushiro'. |
263042. CITRUS sp.
'Nanayu'.
263043. CITRUS sp.
'Yuzu'.

263044. GLYCINE MAX (L.) Merrill Fabaceae. Soybean.

From Guatemala. Seeds presented by the Pinturas Centro-Americanas, Villa Neuva. Numbered Jan. 13, 1960.

263045. FICUS KALLICARPA Miquel Moraceae. Fig.

From the Philippines. Seeds presented by I. J. Condit, Riverside, California. From Laguna, Luzon.

263046 to 263086.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Numbered Jan. 14, 1960.

- 263046 to 263049. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**
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| 263046. No. 1998. 'Dalnevostochny 6'. Far East. |
| 263047. No. 2601. 'Altaysky Ranny'. Western Siberia Exp. Station. |
| 263048. No. 2634 'Margelansky'. Uzbek, S.S.R. |
| 263049. No. 2650. 'Virovsky 60'. Leningradskaya Oblast. |
- 263050 and 263051. ANETHUM GRAVEOLENS L. Apiaceae. **Dill.**
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|----------------------------------|
| 263050. No. 269. Armenia, S.S.R. |
| 263051. No. 289. Kazakh, S.S.R. |
263052. ASPARAGUS OFFICINALIS L. Convallariaceae. **Garden asparagus.**
'Urozhnaya 6'.

263046 to 263086—Continued

- 263053 to 263055. *BRASSICA CAMPESTRIS* L. Brassicaceae. Bird rape.
 263053. No. 372. 'Esti Naeris'. Estonia.
 263054. No. 803. 'Solovetskaya'. Murmansk region.
 263055. No. 821. 'Grabovskaya'. Sverdlovsk region.
- 263056 and 263057. *BRASSICA OLERACEA* L. Wild Cabbage.
 263056. No. 432. 'Donnuvos Bal'ten'. Lithuania.
 263057. No. 544. 'Krasnosel'skaya No. 29'. Moscow region.
- 263058 and 263067. *BRASSICA OLERACEA* var. *CAPITATA* L. Cabbage.
 263058. No. 1428. 'Kashirka 202'. Moscow region.
 263059. No. 1432. 'Zolotoy Gektar 1432'. Leningrad region.
 263060. No. 1736. 'Nomer Pervy K 206'. Murmansk region.
 263061. No. 1831. 'Val-vat'evskaya 145'. Moscow region.
 263062. No. 1837. 'Likurishka 498/15'. Krasnodar District.
 263063. No. 1916. 'Kolkhoznitsa 2001'. Moscow region.
 263064. No. 1919. 'Iubileinaya 20'. Belorussian S.S.R.
 263065. No. 1920. 'Loshitskaya 96'. Belorussian S.S.R.
 263066. No. 1976. 'Privolnyanka'. Dnepropetrovsk Region, Krasnodar District.
 263067. No. 1999. 'Zavadovskaya 257-263'. Dnepropetrovsk region, Krasnodar Dist.
263068. *BRASSICA OLERACEA* L. Wild cabbage.
 No. 2004. 'Zimnyaya Gribovskaya 2176'. Moscow Region.
- 263069 to 263072. *BRASSICA OLERACEA* var. *CAPITATA* L. Cabbage.
 263069. No. 2032. 'Kaporka Odesskaya'. Tambov region.
 263070. No. 2056. 'Posopskaya'. Tambov region.
 263071. No. 2059. 'Tashkentskaya 10'. Central Asia.
 263072. No. 2070. 'Ladozhskaya D. S. 8395'. Leningrad region.
- 263073 to 263077. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
 263073. No. 1262. 'Novocherkassky 035'.
 263074. No. 1282. 'Maikopsky 470'.
 263075. No. 1324. 'Astrakhansky 628'.
 263076. No. 1326. 'Bolgarsky 79'.
 263077. No. 1457. 'Pretsevsky 149'.
- 263078 to 263085. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
 263078. No. 2220. 'Nezhinsky 12'. Ukraine, S.S.R.
 263079. No. 2221. 'Nerosimy 40'. Voronezh region.
 263080. No. 2647. 'Tiraspol'sky 234'. Moldavia, S.S.R.
 263081. No. 2670. 'Bao-dan-khuan'. From China.
 263082. No. 2671. 'Da-ba-cha'. From China.
 263083. No. 2672. 'Bei-chzhen'khuan'gua'. From China.
 263084. No. 2673. 'Khei-khan'gua'. From China.
 263085. No. 2680. 'Su-an'-tsy-gua'. From China.
263086. *CYNARA SCOLYMUS* L. Asteraceae. Artichoke.
 'Maikopsky 41'.

263087 to 263095.

From Great Britain. Plants purchased from the Goldsworth Nurseries, Woking, Surrey, England. Numbered Jan. 14, 1960.

263087 and 263088. *CLEMATIS* (hybrids). Ranunculaceae.

263087. 'Bangholme Belle'.

263088. 'Princess of Wales'.

263089. 'Puniceus Plenus'.

263089 and 263090. *HIBISCUS SYRIACUS* L. Malvaceae. Shrub-althea.

263090. 'Violet Clair'.

263091 to 263094. *PYRACANTHA FORTUEANA* (Maxim.) Li Malaceae.

263091. 'Atalontoides Flava'.

263092. 'Gibbsii'.

263093. 'Rogersiana'.

263094. 'Yunanensis'.

263095. *PYRACANTHA* (hybrid).

'Watererii'.

263096 to 263105.

From Argentina, Brazil, and Paraguay. Plants collected by W. C. Gregory, agricultural explorer, Crops Research Division, Beltsville, Md. Numbered Jan. 14, 1960.

263096. *ARACHIS GLABRATA* var. *HAGENBECKII* (Harms.) F. J. Hermann Fabaceae.

Col. No. 9772. Near Savatina, Mato Grosso, Brazil. February 1959. Erect, taprooted, fleshy perennial.

263097. *ARACHIS VILLOSA* Benth.

Col. No. 9548. Romado Paso, Corrientes Province, Argentina. February 1959. Taprooted, prostrate perennial; flowers yellow, wings orange.

263098. *ARACHIS* sp.

Col. No. 9628. Roadside, nine km. from Ponta Pora, Ponta Pora-Bela Vista road, Paraguay. February 1959. Rhizomatous perennial.

263099. *ARACHIS* sp.

Col. No. 9635. Forty km. from Ponta Pora, Colonia Penso-Bela Vista road, Paraguay. February 1959. Rhizomatous perennial.

263100. *ARACHIS* sp.

Col. No. 9640. Twelve km. from Penso, Ponta Pora-Bela Vista road, Paraguay. February 1959. Rhizomatous perennial.

263101. *ARACHIS* sp.

Col. No. 9679. One km. from Capitan-Bado, Ype Jhee road, Mato Grosso, Brazil. February 1959. Rhizomatous perennial; flowers large, lemon yellow; leaflets obovate orbicular.

263102. *ARACHIS* sp.

Col. No. 9688. Five km. from Amambo, Amambo-Ponta Pora road, Mato Grosso, Brazil. February 1959. Rhizomatous perennial; flowers orange, large; standards red veined; wings yellow.

263103. *ARACHIS* sp.

Col. No. 9771. Near Xavatina, Mato Grosso, Brazil. February 1959. Taprooted, erect perennial.

263096 to 263105—Continued

263104. ARACHIS sp.

Col. No. 9800. Near Xavatina, Mato Grosso, Brazil. February 1959. Taprooted, erect, perennial; branches few.

263105. ARACHIS sp.

Col. No. 9852. Acquidauana, Mato Grosso, Brazil. February 1959. Taprooted, prostrate perennial; branches ascending.

263106 to 263117.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Numbered Jan. 15, 1960.

263106 to 263115. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

263106. No. 1262. 'Novogerkask No. 35'.

263107. No. 1282. 'Maikopsk No. 470'. Krasnodar Krai.

263108. No. 1326. 'Bolgarsk No. 79'. Krasnodar Krai.

263109. No. 1509. 'Gogoshar'. Ukraine, S.S.R.

263110. No. 1576. 'Adygeisk No. 413/166'.

263111. No. 1577. 'Konservny Krasny No. 211'. Krasnodar Krai.

263112. No. 1311. 'Shipka No. 1067.' Krasnodar Krai.

263113. No. 1324. 'Astrakhanski No. 628'.

263114. No. 1394. 'Velikan No. 97'.

263115. No. 1458. 'Slonovy Khobot No. 304'. Krasnodar Krai.

263116 and 263117. CYPERUS ESCULENTUS L. Cyperaceae. Chufa.

263116. No. 1. 'Krasnodar Krai'.

263117. No. 2. Kuban Exp. Sta. Krasnodar Krai.

263118 to 263120.

From Canada. Plants purchased from the Layritz Nurseries, Victoria, British Columbia. Numbered Jan. 15, 1960.

263118 and 263119. CLEMATIS MACROPETALA Ledeb. Ranunculaceae.

263118. 'Alba'.

263119. Unknown variety.

263120. PIERIS JAPONICA (Thunb.) G. Don Ericaceae.

'Dwarf Alpine.'

263121. BETA VULGARIS L. Chenopodiaceae. Beet.

From the Union of Soviet Socialist Republics. Seeds obtained from an agricultural exhibition in the Ukraine. Numbered Feb. 2, 1960.

263122 to 263143.

From the Netherlands. Plants presented by the Landbouwhogeschool, Wageningen. Numbered Jan. 18, 1960.

263122. HOSTA ALBOMARGINATA (Hook.) Ohwi Liliaceae.

'Alba'.

263123. HOSTA CRISPULA Maekawa

263124. HOSTA DECORATA L. H. Bailey

263125. HOSTA ELATA Hyl.

263122 to 263143—Continued

263126 to 263131. *HOSTA FORTUNEI* (Baker) Bailey Fortune plantain lily.

263126. 'Albopicta'.

263129. 'Hyacinthina'.

263127. 'Albopicta Viridis'.

263130. 'Marginato-alba'.

263128. 'Albopicta Aurea'.

263131. 'Obscura'.

263132 and 263133. *HOSTA SIEBOLDIANA* (Hook.) Engler

Cushion plantain lily.

263132. 'Elegans'.

263133. 'Sieboldiana'.

263134. *HOSTA LANCIFOLIA* Engler

263135. *HOSTA TARDIFLORA* (Irving) Stearn

263136 and 263137. *HOSTA TOKUDAMA* Maekawa

263136. Typical species

263137. 'Aureo-nebulosa'.

263138 to 263141. *HOSTA UNDULATA* L. H. Bailey

263138. 'Albamarginata'.

263140. 'Undulata'.

263139. 'Erromena'.

263141. 'Univittata'.

263142 and 263143. *HOSTA VENTRICOSA* (Salish.) Stearn

263142. Typical species.

263143. 'Aureomaculata'.

263144. *PISUM SATIVUM* L. Fabaceae.

From France. Seeds collected by E. Davis, agricultural explorer, Plant Industry Station, Beltsville, Md. Numbered Jan. 21, 1960.

Col. No. D-282. From Vilmorin-Andrieux, Paris. Sugar peas; plants tall, mature in 6 weeks; seeds white.

263145. *DIMORPHOTHECA AURANTIACA* DC. Asteraceae.

Winter cape-marigold.

From the United States. Seeds purchased from Herbst Brothers, New York, N.Y. Numbered Jan. 19, 1960.

263146 to 263151. *DIOSPYROS LOTUS* L. Diospyraceae.

Dateplum.

From Korea. Seeds presented by the Horticultural Experiment Station, Kimhae, Kyongsang, Namdo Province.

263146. No. 1. From Kwanugju.

263147. No. 2. From Kwanugju.

263148. No. 3. From Yang San.

263149. No. 4. Wild.

263150. No. 5. Puyoo, Chinyong San.

263151. No. 6. Kwangju.

263152 and 263153. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

From Turkey. Seeds presented by an anonymous donor. Numbered Jan. 19, 1960.

263152. 'Kirik 288-1'. From Kars.

263153. 'Zincirli 126'. From Eshisehir.

263154 to 263159.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Numbered Jan. 20, 1960.

263154. *MEDICAGO FALCATA* L. Fabaceae. **Yellow-flowered alfalfa.**

263155 to 263157. *MEDICAGO SATIVA* L. **Alfalfa.**

263155. No. 19892. 'Almastinskaya 2528'. Alma-Ata region.

263156. No. 22503. 'Slavianskaya Local'. Krasnodar Dist.

263157. No. 27546. 'Nakhichevanskaya'. Nakhichevan, A.S.S.R.

263158 and 263159. *ONOBRYCHIS VICIIFOLIA* Scop. Fabaceae. **Sainfoin.**

263158. No. 17394. 'Akhalkalasky Local'. Georgia, S.S.R.

263159. No. 9797. 'Ukrainsky 553'. Ukraine, S.S.R.

263160 to 263163. *HORDEUM VULGARE* L. Poaceae. **Barley.**

From the United Arab Republic (Egypt). Seeds presented by the Field Crops Research Division, Department of Agriculture, Giza. Numbered Jan. 20, 1960.

263160. 'Baladi 16'. **263162.** 'Bonus'.

263161. 'Beacher'. **263163.** 'Giza 117'.

263164. *SESBANIA CINERASCENS* Welw. ex Baker Fabaceae.

From Ceylon. Seeds presented by the Division of Botany, Department of Agriculture, Peradeniya. Numbered Jan. 20, 1960.

263165 and 263166. *NICOTIANA TABACUM* L. Solanaceae. **Common tobacco.**

From the Netherlands. Seeds collected by E. Davis, Plant Industry Station, Beltsville, Md. Numbered Jan. 20, 1960.

263165. D-206. 'White Burley'. Exp. Sta. Naaldwijk. Mosaic line, homozygous for symptoms.

263166. D-207. 'White Burley'. Exp. Sta. Naaldwijk. Necrotic line, may not be homozygous for reaction.

263167 to 263175.

From Chile. Seeds collected and presented by J. E. Halpin, Clemson Agricultural College, Clemson, South Carolina. Numbered Jan. 20, 1960.

263167. *MEDICAGO GALILAEA* Boiss. Fabaceae.

263168. *TRIFOLIUM CHILENSE* Hook. & Arn. Fabaceae.

CRC 2-59-64.

263169. *TRIFOLIUM DEPAUPERATUM* Desv.

CRC 2-59-65.

263170 to 263172. *TRIFOLIUM MEGALANTHUM* Steud.

263170. CR-CA-59-66. No. 1.

263171. CR-CA-59-66. No. 2.

263172. CR-CA-59-66. No. 3.

263173. *TRIFOLIUM POLYMORPHUM* Poir.

263174. *TRIFOLIUM RIOGRANDENSE* Burkart.

CRC 2-59-72.

263175. *TRIFOLIUM VERNUM* Phil.

CRC 2-59-76.

263176 and 263177.

From Israel. Seeds presented by Forest Research Station, Nathanya. Numbered Jan. 20, 1960.

263176. *VIBURNUM TINUS* L. Caprifoliaceae.

263177. *VITEX AGNUS-CASTUS* L. Verbenaceae. **Lilac chaste-tree.**

263178. *HELIANTHUS ANNUUS* L. Asteraceae. **Sunflower.**

From Tanganyika. Seeds presented by the Ministry of Natural Resources, Department of Agriculture, Southern Province, Nachingwea. Numbered Jan. 20, 1960.

263179 to 263191.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Numbered Jan. 20, 1960.

263179 to 263188. *VICIA SATIVA* L. Fabaceae. **Common vetch.**

263179. No. 27779. 'Sysertsckaya'.

263180. No. 27795. 'Komarichskaya'. Belorussia, S.S.R.

263181. No. 29263. 'Tyesisskaya'. Latvia, S.S.R.

263182. No. 30686. 'Stanislavskaya'. Stanislav region, Ukraine.

263183. No. 31748. 'Raeskaya'. Estonia, S.S.R.

263184. No. 31751. 'Votkinskaya'. Udmurt, A.S.S.R.

263185. No. 31823. 'Ul'isnovskaya'. Ul'isnovsk region.

263186. No. 31824. 'Palkinskaya'. Pskov region.

263187. No. 32409. 'Vilkovishskaya'. Lithuania.

263188. No. 32468. 'Dzerzhinskaya'.

263189 to 263191. *VICIA VILLOSA* Roth **Hairy vetch.**

263189. No. 30670. 'Dneprovskaya'. Ukraine.

263190. No. 30690. 'Stanislav' region, Ukraine.

263191. No. 32207. 'Beregovskaya'. Transcarpathian region, Ukraine.

263192 and 263193.

From Iran. Seeds collected by Marvin Klemm, United States Foreign Service, Tehran. Numbered Jan. 21, 1960.

263192. *BOTHRIOCHLOA ISCHAEMUM* (L.) Keng Poaceae. **King's Ranch bluestem.**

Elevation 1,000 feet; annual rainfall 18 inches; temperature from below zero to 110° F.

263193. *POA BULBOSA* L. Poaceae. **Bulbous bluegrass.**

Unfavorable habitat. Elevation 4,500 feet; annual rainfall 12 inches; temperature from 4° F. to 105° F. Plant vigorous.

263194 to 263224.

From Federation of Rhodesia and Nyasaland. Seeds presented by the Department of Agriculture, Mount Makulu Research Station, Chilanga. Numbered Jan. 21, 1960.

263194 to 263222. *HIBISCUS CANNABINUS* L. Malvaceae. **Kenaf.**

263194. No. 1. **263198.** No. 6.

263195. No. 2. **263199.** No. 7.

263196. No. 3. **263200.** No. 8.

263197. No. 5. **263201.** No. 9.

263194 to 263224—Continued

263194 to 263222—Continued

263202. No. 10.	263213. No. 36.
263203. No. 11.	263214. No. 37.
263204. No. 12.	263215. No. 38.
263205. No. 25.	263216. No. 39.
263206. No. 27.	263217. No. 40.
263207. No. 29.	263218. No. 41.
263208. No. 30.	263219. No. 42.
263209. No. 31.	263220. No. 43.
263210. No. 32.	263221. No. 44.
263211. No. 33.	263222. No. 47.
263212. No. 34.	

263223 and 263224. *HIBISCUS SABDARIFFA* L.

Roselle.

263223. No. 45.

263224. No. 46.

263225 to 263235.

From Spain. Seeds presented by the Botanic Garden, Madrid. Numbered Jan. 25, 1960.

263225 to 263230. *ASTRAGALUS CICER* L. Fabaceae.

263225. 263228.

263226. 263229.

263227. 263230.

263231 to 263233. *ASTRAGALUS FALCATUS* Lam.

Milkvetch.

263231. 263233.

263232.

263234. *ASTRAGALUS GLYCYPHYLLUS* L.

Milkvetch.

263235. *ASTRAGALUS NARBONENSIS* Govan263236. *ASTRAGALUS NUTTALLIANUS* DC. Fabaceae.

From the United States. Seeds collected by the Soil Conservation Service, Beltsville, Maryland. Numbered Jan. 26, 1960.

Collected two miles east of Kenton, Oklahoma.

263237 to 263242.

From Spain. Seeds presented by the Botanic Garden, Madrid. Numbered Jan. 26, 1960.

263237 to 263239. *DESMODIUM CANADENSE* (L.) DC. Fabaceae.

263237. BN 7894-53.

263238. BN 7895-52.

263239. BN 7896-52.

263240 and 263241. *INDIGOFERA DOUSA* Buch.-Ham. ex Don Fabaceae.
Indigo.

263240. BN 7900-51.

263241. BN 7901-51.

263242. *LOTUS HISPIDUS* Desf. Fabaceae.

- 263243. MEDICAGO LUPULINA L. Fabaceae. Black medic.**
 From Afghanistan. Seeds collected by E. E. Smith, agricultural explorer, New Crops Research Branch, Beltsville, Md. Numbered Jan. 26, 1960.
 A component of P.I. 220201, *Trifolium pratense*, collected May 1954 in a Kabul bazaar.
- 263244. RHYNCHOSIA CARIBAEA (Jacq.) DC. Fabaceae.**
 From Kenya. Seeds presented by S. P. Rawlins, Hoey's Bridge. Numbered Jan. 26, 1960.
 A component of P.I. 200237, *Rhynchosia* sp. presented in April 1952.
- 263245. TRIFOLIUM DIFFUSUM Ehrh. Fabaceae.**
 From Spain. Seeds presented by the Botanic Garden, Madrid. Numbered Jan. 26, 1960.
- 263246. TRIFOLIUM GLOMERATUM L. Fabaceae. Cluster clover.**
 From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Numbered Jan. 26, 1960.
 A component of P.I. 168639, *T. tomentosum*, received August 1948.
- 263247. TRIFOLIUM LAPPACEUM L. Fabaceae. Lappa clover.**
 From Spain. Seeds presented by the Botanic Garden, Madrid. Numbered Jan. 26, 1960.
- 263248. TRIFOLIUM FORMOSUM d'Urv. Fabaceae.**
 From Kenya. Seeds presented by S. P. Rawlins, Hoey's Bridge. Numbered Jan. 26, 1960.
 A selection from P.I. 293744, *T. lugardii*, received January 1951. Plants vigorous; flowers magenta.
- 263249. TRIFOLIUM PANNONICUM Jacq. Fabaceae. Hungarian clover.**
 From Spain. Seeds presented by the Botanic Garden, Madrid. Numbered Jan. 26, 1960.
- 263250 and 263251.**
 From Afghanistan. Seeds collected by E. E. Smith, agricultural explorer, Crops Research Division, Beltsville, Md. Numbered Jan. 26, 1960.
- 263250. TRIFOLIUM REPENS L. Fabaceae. Whiteclover.**
 A component of P.I. 220201, *T. pratense*, collected May 1954 in a Kabul bazaar.
- 263251. TRIFOLIUM RESUPINATUM L. Persian clover.**
 A component of P.I. 220201, *T. pratense*, collected May 1954 in a Kabul bazaar.
- 263252 and 263253.**
 From Spain. Seeds presented by the Botanic Garden, Madrid. Numbered Jan. 26, 1960.
- 263252. VICIA DISPERMA DC. Fabaceae.**
- 263253. VIGNA CYLINDRICA (L.) Skeels Fabaceae. Catjang-pea.**
- 263254. HIBISCUS HAMABO Sieb. & Zucc. Malvaceae.**
 From Japan. Seedlings presented by the Botanical Garden of Osaka City University, Katano-cho Kitakawachi, Gun Osaka. Numbered Jan. 6, 1960.

263255. ERMOCITRUS GLAUCA Swingle Rutaceae.
Australian desert kumquat.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Numbered Jan. 21, 1960.

Soil limestone, sandy loam. Shrub to about 10 feet high.

263256 and 263257.

From Great Britain. Seeds presented by E. J. Williams, St. Austell, Cornwall, England. Numbered Jan. 25, 1960.

263256. MAGNOLIA NITIDA W. W. Smith. Magnoliaceae.

263257. MICHELIA CHAMPACA L. Magnoliaceae.

'Doltsopa'.

263258. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

From the Union of South Africa. Seeds presented by the Wonderhoogte Farm, Utrecht, Natal. Numbered Jan. 25, 1960.

From India but grown in South Africa for years. Collected in sheltered location at 6,000 feet elevation. Plant perennial, lives about 6 years, generally deciduous.

263259 to 263269. RAPHANUS SATIVUS L. Brassicaceae.

Radish.

From Japan. Seeds presented by the Fujita Seed Company, Osaka. Numbered Jan. 25, 1960.

263259. 'Ishikawa'.

263260. 'Minokunichi Improved'. Spring type. Selection from 'Minowase'. Roots cylindrical, glistening, pure white; flesh fine grained; leaves light green.

263261. 'Mino-Yombai' or 'Mino Tetra'. Tetraploid fall type. Plants vigorous, long standing, resistant to clubroot (*Plasmiodiophora brassicae*); roots cylindrical, to 26 inches long and 3.5 inches in diameter, weighing to 8 lbs, white, sweet, fine grained.

263262. 'Minowase'. Summer type, heat and disease resistant; roots cylindrical, to 26 inches long, 3.5 inches diameter, juicy, crisp, mildly pungent. Matures in 50 to 53 days from summer sowing and 53 to 58 days from spring or fall sowing.

263263. 'Miyashige'. Fall type. Roots to 17 inches long, 2.5 inches diameter, cylindrical, white with green top; flesh white, solid, crisp, pungent. Matures in 80 to 92 days.

263264. 'Osaka Shijyunichi'. Early spring type. Roots to 11 inches long, 1.75 inches diameter, white; leaves soft, hairless, unlobed, light green. Matures in 50 days.

263265. 'Sakurajima Mammoth'. Winter type. Root globe shaped, weighing to 65 pounds in mild winter climate; flowers purple. Matures in 182 days.

263266. 'Shogoin'. Fall type. Root globe shaped, to 7.5 lbs.; flesh white, crisp, juicy, sweet; used as cooked vegetable. Sown mid-August, matures late October.

263267. 'Temna'.

263268. 'Tokinashi-All Season'. Roots to 15 inches long, 2.5 inches diameter, tapering to sharp tip; flesh fine grained, crisp, very pungent. May be planted whenever temperature is above freezing.

263269. 'Wakayama'.

263270 and 263271.

From Morocco. Seeds presented by the Agricultural Experiment Station, Ain-Taoujdat. Numbered Jan. 25, 1960.

263270. CITRUS RETICULATA Blanco Rutaceae. **Mandarin orange.**

'Clementine' (Monreal clone).

263271. CITRUS SINENSIS (L.) Osbeck **Orange.**

'Gold Nugget'. Navel.

263272 to 263275. MALUS SYLVESTRIS Mill. Malaceae. **Apple.**

From Turkey. Seeds presented by the International Cooperation Administration, Ankara. Numbered Jan. 25, 1960.

263272. No. 1. **263274.** No. 3.

263273. No. 2. **263275.** No. 4.

263276 to 263280.

From Canada. Plants collected by G. F. Payne, Montana State College, Bozeman. Collected in 1958 and numbered Jan. 25, 1960.

263276. CAREX FOENEA Willd. Cyperaceae.

Col. No. 6. Moist site, Elkwater, Alberta.

263277. CAREX MICROPTERA Mack.

Col. No. 7. Clay loam bog, Elkwater, Alberta.

263278. CAREX LANUGINOSA Michx.

Col. No. 128. Along Waterton Lakes, Pincher Creek Hwy., Alberta. Elevation 4,700 feet.

263279 and 263280. CAREX ROSTRATA Stokes

263279. Col. No. 1. Moist site, Cypress Hills, Elkwater, Alberta.

263280. Col. No. 129. Fernie-Elko Highway, British Columbia. Elevation 3,400 feet.

263281 to 263367.

From the United States. Plants collected by G. F. Payne, Montana State College, Bozeman. Collected in 1958 and numbered in Jan. 26, 1960.

263281. AGROPYRON TRACHYCAULUM (Link) Malte Poaceae. **Slender wheatgrass.**

Col. No. 61. Southern exposure, Wyoming. Elevation 7,500 feet.

263282. AGROPYRON sp.

Col. No. 114. Decomposed shale overlying shale, Kings Hill-Yogo Peak road, three miles from Kings Peak, Montana. Southeast exposure. Elevation 7,600 feet.

263283 and 263284. CAREX AQUATILIS Wahl. Cyperaceae.

263283. Col. No. 50. Water Course, Wyoming. Elevation 6,200 feet. Plant 24 inches high.

263284. Col. No. 65. Boggy meadow roadside, 0.5 miles on side road, two miles west of east entrance, Yellowstone National Park, Wyoming. Elevation 7,000 feet. Plant three feet high.

263285. CAREX ARCTA Boott

Col. No. 44. Meadow 0.1 mile south of Camas Creek, Glacier National Park, Montana.

263286. CAREX ATHROSTACHYA Olney

Col. No. 48. Lamar River meadows, one mile below administration buildings, Yellowstone National Park, Wyoming. Elevation 6,200 feet. Plant 16 inches high, in bunch.

263281 to 263367—Continued

263287. *CAREX BREVIOR* (Dewey) Mack.

Col. No. 23. Rocky Boy Indian Reservation near Havre, Montana. Plants to 14 inches high.

263288. *CAREX BREVIPIES* Boott

Col. No. 76. Eroding immature silt soil, highways 26 and 287, Brooks Lake, near Togwater Pass, Fremont County, Wyoming. Southern exposure. Elevation 9,600 feet. Plants to 12 inches high; abundant.

263289. *CAREX BUXBAUMII* Wahl.

Col. No. 40. Meadow 0.1 mile south of Camas Creek, Glacier National Park, Montana.

263290. *CAREX DOUGLASII* Boott in Hook.

Col. No. 104. Hay meadow, Grasshopper Creek basin, near Jackson road turn-off, Beaverhead County, Montana. Elevation 6,200 feet.

263291. *CAREX EPAPILLOSA* Mack.

Col. No. 66. About 0.5 miles on side road, 2 miles west of east entrance, Yellowstone National Park, Wyoming. Elevation 7,000 feet.

263292 and 263293. *CAREX HAYDENIANA* Olney.

263292. Col. No. 55. Roadside one mile west of Beavertooth Pass, Red Lodge-Cooke City Highway, Park County, Wyoming. Elevation 10,300 feet. Plants five inches high.

263293. Col. No. 137. Highway 12, Beavertooth Pass, Montana. Southern exposure. Elevation 9,900 feet.

263294 and 263295. *CAREX HOODII* Boott in Hook.

263294. Col. No. 30. Pasture lease area near Havre, Rocky Boy Indian Reservation, road to North Montana Branch Station, Montana. Much grazed on heavily used range.

263295. Col. No. 74. Southeast exposure, Wyoming. Elevation 9,600 feet. Bunches to 12 inches high.

263296 and 263297. *CAREX LANUGINOSA* Michx.

263296. Col. No. 13. Highway 89, Sheep Creek, north of White Sulphur Springs, Montana.

263297. Col. No. 81. Camp grounds meadow, Highways 20 and 191, South Ford, Madison River, Gallatin County, Montana. Elevation 6,800 feet.

263298. *CAREX LASIOCARPA* Ehrh.

Col. No. 42. Meadow 0.1 mile south of Camas Creek, Glacier National Park, Montana.

263299 to 263303. *CAREX MICROPTERA* Mack.

263299. Col. No. 12. Roadside, Highway 89, north of White Sulphur Springs, Montana. Elevation 7,500 feet. Moderately used by livestock.

263300. Col. No. 14. Hwy. 89, north of White Sulphur Springs, Montana.

263301. Col. No. 72. Hwys. 26 and 287, 10.6 miles west of Togwotte Pass, Teton County, Wyoming. Elevation 8,400 feet. Plants to 12 inches high.

263302. Col. No. 78. Four miles west of West Thumb, Yellowstone National Park, Wyoming. Elevation 8,300 feet.

263303. Col. No. 85. Red Rock Pass road, 1.6 miles east of the Montana State line, Fremont County, Idaho. Elevation 6,900 feet. Plants in closely grazed bunches.

263281 to 263367—Continued**263304 to 263306. CAREX NEBRASKENSIS** Dewey

263304. Col. No. 10. Cottonwood Creek, Elkhorn Ridge, Park County, Montana. Elevation 4,500 feet. Plants to 18 inches high. This species is more heavily grazed than associated species.

263305. Col. No. 11. Roadside, Highway 89, north of White Sulphur Springs, Montana. Plants to 1.5 inches high. Closely grazed.

263306. Col. No. 97. Along small creek, 0.2 miles south of road, six miles west of Red Rock Pass, Beaverhead County, Montana. Moderately grazed.

263307 and 263308. CAREX NIGRICANS C. A. Mey.

263307. Col. No. 54. Rock crevice near live water, roadside, one mile west of Beartooth Pass, Red Lodge-Cooke City highway, Park County, Wyoming. Elevation 10,300 feet.

263308. Col. No. 121. Southern exposure, Hidden Lake, Glacier National Park, Montana. Elevation 6,500 feet.

263309. CAREX OCCIDENTALIS Bailey

Col. No. 22. Rocky Boy Indian Reservation, Montana. Plants to 18 inches high. Slight use on lightly used range.

263310 and 263311. CAREX PACHYSTACHYA Cham.

263310. Col. No. 68. About 0.5 mile on side road, two miles west of the east entrance to Yellowstone National Park, Wyoming. Elevation 7,000 feet. Plants to 16 inches high.

263311. Col. No. 69. About 0.5 mile on side road, two miles west of the east entrance to Yellowstone National Park, Wyoming. Elevation 7,000 feet. Plants to 18 inches high.

263312. CAREX PETASATA Dewey

Col. No. 31. Pasture lease area near Havre, Rocky Boy Indian Reservation, road to North Montana Branch Station, Montana. Rarely grazed on lightly used range.

263313 and 263314. CAREX PHAEOCEPHALA Piper

263313. Col. No. 77. Dry meadow four miles west of West Thumb, Yellowstone National Park, Wyoming. Elevation 8,300 feet.

263314. Southern exposure, Highway 12, Beartooth Pass, Montana. Elevation 9,900 feet.

263315 to 263317. CAREX PRAEGRACILIS Boott in Coult.

263315. Col. No. 9. Cottonwood Creek, Elkhorn Ridge, Park County, Montana. Plants to 16 inches high. Light utilization of this and associated vegetation by cattle.

263316. Col. No. 21. Rocky Boy Indian Reservation, Montana. Plants to eight inches high. Moderately grazed on closely used range.

263317. Col. No. 98. Refuge headquarters, one mile west of Red Rock, Montana. Elevation 6,900 feet.

263318. CAREX PYRENAICA Wahl.

Col. No. 56. Roadside, one mile west of Beartooth Pass, Red Lodge-Cooke City highway, Park County, Wyoming. Elevation 10,300 feet.

263319. CAREX RAYNOLDSII Dewey

Col. No. 71. Highways 26 and 287, 10.6 miles west to Togwater Pass, Teton County, Wyoming. Elevation 8,400 feet. Bunch.

263320 to 263323. CAREX ROSTRATA Stokes

263320. Col. No. 8. Lake Creek, near Sedan, Montana. Plants to two inches high.

263281 to 263367—Continued**263320 to 263323—Continued**

263321. Col. No. 39. Meadow 0.1 mile south of Camas Creek, Glacier National Park, Montana. Plants to 34 inches high.

263322. Col. No. 49. Lamar River meadows, one mile below Yellowstone National Park administration buildings, Wyoming. Elevation 6,200 feet.

263323. Col. No. 64. About 0.5 miles on side road, two miles west of the east entrance to Yellowstone National Park, Wyoming. Elevation 7,000 feet. Plants to three feet high.

263324. CAREX SARTWELLII Dewey

Col. No. 43. Meadow, 0.1 mile south of Camas Creek, Glacier National Park, Montana.

263325 to 263327. CAREX SCOPULORUM var. CHIMAPHILA (Holm) Kukenth

263325. Col. No. 52. 4.9 miles west of Beavertooth Lake store and cafe, Red Lodge-Cooke City highway, Park County, Wyoming. Elevation 7,900 feet. Plants to 10 inches high. Most abundant on gopher-worked soil and parent material exposed by road cut.

263326. Col. No. 57. Roadside, 0.3 miles from Long Lake, Red Lodge-Cooke City highway, Wyoming. Elevation 9,700 feet.

263327. Col. No. 134. Southern exposure, Highway 12, Beartooth Pass, Montana. Elevation 9,900 feet.

263328. CAREX SIMULATA Mack.

Col. No. 83. Camp ground meadow, Highways 20 and 191, South Ford, Madison River, Gallatin County, Montana. Elevation 6,800 feet.

263329. CAREX SPRENGELII Dewey

Col. No. 29. Pasture lease area near Havre, Rocky Boy Indian Reservation, road to North Montana Branch Station, Montana. Heavily grazed on heavily used range.

263330 to 263332. CAREX STENOPTILA Hermann

263330. Col. No. 70. 0.15 mile on side road, Cub Creek Crossing, east entrance to Yellowstone National Park, Wyoming. Elevation 8,500 feet. Plants to six inches high, in bunches.

263331. Col. No. 75. Southeast exposure, Highways 26 and 287, Brooks Lake, near Togwater Pass, Fremont County, Wyoming. Elevation 9,600 feet. Plants to 12 inches high.

263332. Col. No. 132. Southwest exposure, Mt. Washburn, Yellowstone National Park, Wyoming. Elevation 9,500 feet. Plants in bunches.

263333. CAREX STIPATA Muhl. ex Willd.

Col. No. 38. Lime Spring Road No. 9, branching off Flathead R.S. road, Glacier National Park, Montana. Plants to 30 inches high.

263334 to 263337. CAREX TOLMIEI Boott in Hook.

263334. Col. No. 120. Hidden Lake, Glacier National Park, Montana. Elevation 6,300 feet.

263335. Col. No. 124. Broken shale area, Logan Pass, Glacier National Park, Montana. Elevation 6,800 feet.

263336. Col. No. 125. Broken shale area, Logan Pass, Glacier National Park, Montana. Elevation 6,800 feet.

263337. Col. No. 133. Southwest exposure, Mt. Washburn, Yellowstone National Park, Wyoming. Elevation 9,500 feet.

263281 to 263367—Continued

263338. CAREX VESICARIA L.

Col. No. 41. Meadow 0.1 mile south of Camas Creek, Glacier National Park, Montana.

263339. CAREX sp.

Col. No. 17. Southwest exposure, Highway 89, between Neihart and Belt, two miles south of Riceville, Montana.

263340. CAREX sp.

Col. No. 24. Pasture lease area near Havre, Rocky Boy Indian Reservation, road to North Montana Branch Station, Montana. Heavily grazed on heavily used range.

263341. CAREX sp.

Col. No. 25. Pasture lease area near Havre, Rocky Boy Indian Reservation, road to North Montana Branch Station, Montana. Heavily grazed on heavily used range.

263342. CAREX sp.

Col. No. 26. Pasture lease area near Havre, Rocky Boy Indian Reservation, road to North Montana Branch Station, Montana. Heavily grazed on heavily used range.

263343. CAREX sp.

Col. No. 27. Pasture lease area near Havre, Rocky Boy Indian Reservation, road to North Montana Branch Station, Montana. Heavily grazed on heavily used range.

263344. CAREX sp.

Col. No. 28. Pasture lease area near Havre, Rocky Boy Indian Reservation, road to North Montana Branch Station, Montana. Heavily grazed on heavily used range.

263345. CAREX sp.

Col. No. 45. Wet meadow north of Armstrong ranch house, Lincoln, Montana. Plants to 28 inches high. Moderately grazed in lightly used area.

263346. CAREX sp.

Col. No. 67. About 0.5 mile on side road, two miles west of the east entrance to Yellowstone National Park. Elevation 7,000 feet. Plants to 10 inches high.

263347. CAREX sp.

Col. No. 80. Campground meadow, Highways 20 and 191. South Ford, Madison River crossing, Gallatin County, Montana. Elevation 6,800 feet.

263348. CAREX sp.

Col. No. 82. Campground meadow, Highways 20 and 191, South Ford, Madison River, Gallatin County, Montana. Elevation 6,800 feet.

263349. CAREX sp.

Col. No. 84. Red Rock Pass road, 1.6 miles east of Montana-Idaho state line, Fremont County, Idaho. Elevation 6,900 feet. Plants closely grazed.

263350. CAREX sp.

Col. No. 86. Red Rock Pass road, 1.6 miles east of Montana-Idaho state line, Fremont County, Idaho. Elevation 6,900 feet. Plants closely grazed.

263351. CAREX sp.

Col. No. 87. Red Rock Pass road, 1.6 miles east of Montana-Idaho state line, Fremont County, Idaho. Elevation 6,900 feet. Plants closely grazed.

263281 to 263367—Continued**263352. CAREX sp.**

Col. No. 89. Red Rock Pass road, 1.6 miles east of Montana-Idaho State line, Fremont County, Idaho. Elevation 6,900 feet. Plants closely grazed.

263353. CAREX sp.

Col. No. 90. Red Rock Pass road, 1.6 miles east of Montana-Idaho State line, Fremont County, Idaho. Elevation 6,900 feet. Plants closely grazed.

263354. CAREX sp.

Col. No. 91. 0.3 mile north of Red Rock Pass road, Beaverhead County, Montana. Elevation 7,200 feet. Plants closely grazed in moderately grazed range.

263355. CAREX sp.

Col. No. 92. 0.3 mile north of Red Rock Pass road, Beaverhead County, Montana. Elevation 7,200 feet. Species closely grazed in moderately grazed range.

263356. CAREX sp.

Col. No. 93. 0.3 mile north of Red Rock Pass road, Beaverhead County, Montana. Elevation 7,200 feet. Species closely grazed in moderately grazed range.

263357. CAREX sp.

Col. No. 94. 0.3 mile north of Red Rock Pass road, Beaverhead County, Montana. Elevation 7,200 feet. Closely grazed in moderately grazed range.

263358. CAREX sp.

Col. No. 95. 0.3 mile north of Red Rock Pass road, Beaverhead County, Montana. Elevation 7,200 feet. Closely grazed in moderately grazed range.

263359. CAREX sp.

Col. No. 96. 0.3 mile north of Red Rock Pass road, Beaverhead County, Montana. Elevation 7,200 feet. Closely grazed in moderately grazed range.

263360. CAREX sp.

Col. No. 99. One mile west of Red Rock Wildlife Refuge Headquarters, on refuge. Elevation 6,900 feet.

263361. CAREX sp.

Col. No. 102. Upper Blacktail Creek, southeast of Dillon, Beaverhead County, Montana.

263362. CAREX sp.

Col. No. 112. Shalkaho Pass, Granite County, Montana. Plants in bunches.

263363. CAREX sp.

Col. No. 115. Yogo Peak, Montana. Elevation 8,700 feet.

263364. CAREX sp.

Col. No. 131. Moist site, northern exposure, Mt. Washburn, Yellowstone National Park, Wyoming. Elevation 9,800 feet.

263365. CAREX sp.

Col. No. 136. Southern exposure, Highway 12, Beartooth Pass, Montana. Elevation 10,100 feet.

263366. DESCHAMPSIA CAESPITOSA (L.) Beauv. Poaceae. Tufted hairgrass.

Col. No. 138. Northeast exposure, Highway 12, Beartooth Pass area, Montana. Elevation 10,100 feet.

263281 to 263367—Continued

263367. *HESPEROCHLOA KINGII* (S. Wats.) Rydb. Poaceae.

Col. No. 62. Southeast exposure, roadside, 1.8 miles east of Dead Indian Summit, Cooke City-Cody road. Elevation 7,500 feet. Plants with modified rhizomes make soil-holding mats to two feet across.

263368. *VERNONIA ANTHELMINTICA* (L.) Willd. Asteraceae.

From India. Seeds presented by the Regional Research Laboratory, Jammu-Tawi, New Delhi. Numbered Jan. 27, 1960.

263369 to 263371. *CORYLUS AVELLANA* L. Betulaceae. **Filbert.**

From Sweden. Scions presented by the Balsgard Fruit Breeding Institute, Fjalkestad. Numbered Jan. 26, 1960.

263369. 'Bandnot'.

263371. 'Red Filbert'.

263370. 'Bergeri'.

263372 to 263377. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**

From Israel. Seeds presented by the Agricultural Research Station, Rehovot. Numbered Jan. 26, 1960.

263372. No. 45.

263375. No. 64A.

263373. No. B/9.

263376. No. 101/7.

263374. No. B/4.

263377. No. 233.

263378 and 263379.

From the Sudan. Seeds presented by Cotton Breeding Section, Ministry of Agriculture, Shambat, Khartoum. Numbered Jan. 27, 1960.

263378. *GOSSYPIUM INCANUM* (Schwartz) Hillcoat Malvaceae.

263379. *NOTOXYLINON AUSTRALE* (Muell.) Lewton. Malvaceae.

263380. *CAMELLIA HONGKONGENSIS* Seem. Theaceae.

From Hong Kong. Seeds presented by the Gardens Division, Urban Services Department, Victoria. Numbered Jan. 27, 1960.

263381. *PASPALUM ROJASII* HACK. Poaceae.

From Paraguay. Seeds presented by the Farm and Ranch Planning Division, Ministry of Agriculture, Asuncion. Numbered Jan. 27, 1960. Reg. No. 6.

263382 to 263388.

From the Philippines. Rhizomes collected by P. H. Allen, United Fruit Company, Boston, Mass. Numbered Jan. 27, 1960.

263382. *MUSA* × *PARADISIACA* L. Musaceae.

Plantain banana.

Col. No. 2-7408. 'Bulch'. Semicultivated in rolling hills, Barrio Azucena, Sipocot, Camarines Sur, Luzon. Elevation 100 meters. Pseudostem to 1.8 meters high, 15 cm. diameter, green; bunch horizontal, with 3 to 4 hands; fingers ellipsoidal, somewhat angulate; male bracts rose red, several lifting at one time. Remarkably wind resistant.

263383. *MUSA* sp.

Col. No. 2-7406. 'Morong Princess'. Rolling hillside, Barrio Azucena, Sipocot, Camarines Sur, Luzon. Elevation 100 meters. Stooling habit compact; pseudostems few, green, to 1.8 meters and 15 cm. diameter; foliage erect; bunch horizontal, four hands; fingers 15 cm. long and 2.5 cm. diameter; with very long, slender tip that breaks easily; skin very thin; pulp sweet, soft. Has "diploid look."

263382 to 263388—Continued**263384. MUSA sp.**

Col. No. 2-7411. 'Inarnibal'. Southwestern slope of Mount Isarog, Camarines Sur, Luzon. Elevation 450 meters. Stooling habit compact; pseudostems few, reddish purple, to two meters high, 18 cm. diameter. Has "diploid look."

263385. MUSA sp.

Col. No. 2-7412. 'Morong Princess'. Southwestern slope of Mount Isarog, near Pili, Camarines Sur, Luzon. Elevation 450 meters. Stooling habit compact; pseudostems numerous; fruit reportedly has exceptional keeping qualities, keeping 2 to 3 weeks when ripe.

263386. MUSA sp.

Col. No. 2-7414. 'Alinsanay'. Forest preserve roadside, near Napolidan, Sipicot, Camarines Sur, Luzon. Elevation 240 meters. Stooling habit compact; pseudostems numerous, reddish purple, to 3.2 meters high, 28 cm. diameter; male bud has greenish-yellow bracts, margined purple; inner bract surface rich rose purple. A putative, *M. textilis* × *M. acuminata* hybrid.

263387. MUSA sp.

Col. No. 2-7417. 'Galuaç'. Rolling hillsides, Daet, Camarines Norte, Luzon. Elevation 90 meters. Pseudostem solitary, mostly green, to four meters high, 35 cm. diameter, surrounded by compact suckers which do not develop until the principal pseudostem has fruited and died; bunch pendulous, with 10 hands; fingers 16 cm. long, 3.5 cm. diameter. Has "diploid look."

263388. MUSA sp.

Col. No. 2-7421. 'Matavia'. Oas, Albay, Luzon. Elevation 30 meters. Stooling habit compact; pseudostems few, green, to 4.5 meters high, 25 cm. diameter; foliage erect; bunch pendulous, with four hands; fingers 18 cm. long, 3.2 cm. diameter, oddly abruptly truncate at apex. Has "diploid look."

263389 and 263390. SORGHUM BICOLOR (L.) Moench Poaceae.

From the Union of South Africa. Seeds presented by the Division of Crops and Pastures, Department of Agriculture, Pretoria.

263389. DL 59/1481. 'Framida'.

263390. DL 59/1480. 'Haakdoring'.

263391 to 263396.

From Brazil. Seeds presented by the Institute Agronomico, Campinas, Sao Paulo.

263391. ARACHIS HYPOGAEA f. NAMBYQUARAE (Hoehne) F. J. Herm. Fabaceae.

263392. ARACHIS VILLOSA Benth.

No. V. 359.

263393 to 263396. ARACHIS sp.

263393. No. V. 357.

363395. No. V. 122.

263394. No. V. 44.

363396. No. V. 123.

263397 to 263405. CUCUMIS MELO L. Cucurbitaceae.**Muskmelon.**

From Iran. Seeds presented by the United States Embassy, Tehran. Numbered Jan. 28, 1960.

263397. No. 1. Tehran cantaloupe.

263397 to 263405—Continued

263398. No. 2. Tehran cantaloupe.
 263399. No. 3. Tehran cantaloupe.
 263400. No. 4. 'Kharbozeh'. Tehran Persian melon.
 263401. No. 5. Tehran Persian melon.
 263402. No. 6. 'Shakhte'. Meshed muskmelon.
 263403. No. 7. 'Shakhte'. Meshed.
 263404. No. 8. Meshed cantaloupe.
 263405. No. 9. 'Teel'. Meshed.

263406. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Fabaceae. Guar.

From the Republic of the Congo. Seeds presented by the Division of Botany, Centre de Recherches, Yangambi. Numbered Jan. 29, 1960.

263407 to 263411. HORDEUM VULGARE L. Poaceae. Barley.

From Japan. Seeds presented by the Tochigi Agricultural Experiment Station, Minami, Kawauchi. Numbered Jan. 28, 1960.

263407. 'Hakata No. 2'. 263410. 'Tochigi-Golden Melon'.
 263408. 'Hatakaze'. 263411. 'Wasetankangal'.
 263409. 'Nagoya No. 12'.

263412 to 263421.

From Algeria. Seeds presented by the Experimental Agricultural Service, Maison-Carree. Numbered Jan. 28, 1960.

263412. AVENA SATIVA L. Poaceae. **Common oats.**
 'Red Algerian No. 31'.
 263413 and 263414. HORDEUM VULGARE L. Poaceae. **Barley.**
 263413. No. 1. (Orge Saida 183).
 263414. No. 2. (Orge Tichidrett 3265).
 263415 to 263421. TRITICUM AESTIVUM L. Poaceae. **Common wheat.**
 263415. 'Bida 17'. 263419. 'Mohon Demias'.
 263416. 'Bumafior 22259'. 263420. 'Oued Zenati 368'.
 263417. 'Florence' × 'Aurore 8193'. 263421. 'Saba 22738'.
 263418. 'Hedba 3'.

263422 to 263424. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Yugoslavia. Seeds presented by the Beogradski University, Noor'Sad. Numbered Jan. 28, 1960.

263422. 'Forlani'. Spring type.
 263423. 'Quaderna'. Spring type.
 263424. S-13.

263425 to 263431.

From Colombia. Seeds presented by D. A. Crane, Bogota. Numbered Jan. 28, 1960.

263425. CANAVALIA ENSIFORMIS (L.) DC. Fabaceae. **Jack-bean.**
 'Vaile No. 5.'
 263426. CROTALARIA ANAGYROIDES H.B.K. Fabaceae.

263425 to 263431—Continued

263427 and 263428. CROTALARIA INCANA L.

263427. No. 1.

263428. No. 2.

263429. CROTALARIA MUCRONATA Desv.

263430. CROTALARIA PAULINA Schrank

263431. CROTALARIA VERRUCOSA L.

263432 to 263440.

From the Federation of Rhodesia and Nyasaland. Seeds presented by the Agricultural Experiment Station, Salisbury. Numbered Jan. 29, 1960.

263432 to 263439. STIZOLOBIUM ATERRIMUM Piper & Tracy Fabaceae. **Velvetbean.**

263432. Selection No. 5. **263436.** Selection No. 42.

263433. Selection No. 11. **263437.** Selection No. 52.

263434. Selection No. 16. **263438.** Selection No. 77.

263435. Selection No. 18. **263439.** Selection No. J-74.

263440. STIZOLOBIUM DEERINGIANUM Bort. **Deering velvetbean.**
'Somerset'.

263441 to 263470. SESAMUM INDICUM L. Pedaliaceae. **Sesame.**

From Japan. Seeds presented by the Biological Institute, Toyama University, Toyama. Numbered Jan. 29, 1960.

263441. BAN-4. Seeds medium size, black; surface smooth. Alternate phyllotaxis.

263442. BAN-5. Seeds large, light brown; surface rough. Alternate phyllotaxis.

263443. BAN-10. Seeds large, white; surface smooth. Alternate phyllotaxis.

263444. BAN-12. Seeds large, dark brown; surface rough. Alternate phyllotaxis, branching.

263445. BAN-16. Seeds small, light black; surface smooth. Alternate phyllotaxis, indehiscent.

263446. BAN-36. Seeds medium size, grey; surface smooth. Alternate phyllotaxis.

263447. BON-20. Seeds large, grey; surface smooth. Opposite phyllotaxis.

263448. 2BN-5. Seeds large, grey; surface smooth. Alternate phyllotaxis, branching.

263449. 3BA-3. Seeds small, yellow; surface smooth. Alternate phyllotaxis.

263450. 3BA-7. Seeds medium size, brown; surface smooth. Alternate phyllotaxis, branching.

263451. 3BA-9. Seeds large, light brown; surface smooth. Alternate phyllotaxis, branching.

263452. 3BA-14. Seeds small, white; surface smooth. Alternate phyllotaxis, indehiscent.

263453. 3BA-16. Seeds small, white; surface smooth. Alternate phyllotaxis.

263454. 3BA-18. Seeds large, white; surface rough. Alternate phyllotaxis.

263441 to 263470—Continued

263455. 3BO-11. Seeds large, yellow; surface smooth. Opposite phyllotaxis, indehiscent.
263456. 3BO-29. Seeds large, light brown; surface rough. Opposite phyllotaxis.
263457. 3BO-31. Seeds large, brown; surface rough. Opposite phyllotaxis, branching.
263458. 3BO-48. Seeds large, white; surface rough. Opposite phyllotaxis, branching.
263459. QAN-14. Seeds small, brown; surface smooth. Alternate phyllotaxis, branching.
263460. QAN-43. Seeds large, white; surface smooth. Alternate phyllotaxis, branching.
263461. QAN-45. Seeds large, light brown; surface smooth. Alternate phyllotaxis.
263462. 2QN-1. Seeds very small, black; surface smooth. Alternate phyllotaxis, indehiscent.
263463. 3QA-1. Seeds large, black; surface rough. Alternate phyllotaxis.
263464. 3QA-12. Seeds large, light brown; surface smooth. Alternate phyllotaxis.
263465. 3QA-13. Seeds large, light brown; surface rough. Alternate phyllotaxis, indehiscent.
263466. 3QA-19. Seeds large, white; surface rough. Alternate phyllotaxis.
263467. 3QA-20. Seeds large, light blue; surface smooth. Alternate phyllotaxis.
263468. 3QO-1. Seeds medium size; light green, surface smooth. Opposite phyllotaxis.
263469. 3QO-5. Seeds medium size, white; surface rough. Opposite phyllotaxis.
263470. 3QO-6. Seeds medium size, white; surface smooth. Opposite phyllotaxis.

263471 to 263487. NICOTIANA TABACUM L. Solanaceae.**Common tobacco.**

From Australia. Seeds presented by the Division of Plant Industry, Department of Agriculture, Sydney. Numbered Feb. 1, 1960.

263471. A2-56-11.
263472. (A2-65-1) × 'Hicks' for F₁.
263473. 'Hicks' × (277-1A-27-0)
263474. (A2-65-2) × 'Bel 59-1001' for F₁.
263475. A2-65-2.
263476. (A2-65-2) × 'Hicks' for F₁.
263477. A2-82-1.
263478. (A2-82-1) × 'Hicks' for F₁.
263479. 'Hicks' × ('Hicks' × 227-1A-27-0) for F₁.
263480. (A1-3-1) × 'Hicks' for F₁.
263481. (A2-56-11) × 'Hicks' for F₁.
263482. A1-12-1

263471 to 263487—Continued263483. (A1-12-1) × 'Bel 59-1001' for F₁.263484. (A1-12-1) × 'Hicks' for F₁.

263485. A2-65-1.

263486. (A1-3-1) × 'Bel 59-1001' for F₁.263487. A2 hybrid for F₁. (Original)**263488. CAMELLIA SALICIFOLIA** Champion ex Benth. Theaceae.

From Hong Kong. Seeds presented by the Gardens Division, Urban Services, Victoria. Numbered Feb. 1, 1960.

No. 14105.

263489 to 263494.

From Tasmania. Seeds presented by the Scientific and Industrial Research Organization, Hobart. Numbered Feb. 1, 1960.

263489. EUCALYPTUS COCCIFERA Hook. f. Myrtaceae.

263490. EUCALYPTUS CORDATA Labill.

263491. EUCALYPTUS GIGANTEA Hook. f.

263492. EUCALYPTUS PAUCIFLORA Sieber ex Spreng.

263493. EUCALYPTUS FERRINIANA Rodway

263494. EUCALYPTUS SIMMONDSII Maiden

263495 to 263500.

From Israel. Seeds presented by the Agricultural Experiment Station, Nve-Yaar. Numbered Feb. 1, 1960.

263495 and 263496. MELILOTUS ALBA Desr. Fabaceae. White sweetclover.

263495. 'Bet Keshet 1104'.

263496. 'Huleh 1106'.

263497 and 263498. MELILOTUS INDICA (L.) All. Yellow sweetclover.

263497. 'Bet Dagan 1103'.

263498. 'Huleh 1107'.

263499. MELILOTUS SICULA Vitm.

'Bet Dagan 1102'.

263500. TRIFOLIUM FRAGIFERUM L. Fabaceae. Strawberry clover.

263501 to 263503.

From Germany. Seeds presented by the Max Planck Institute, Kol-Vogelsang. Numbered Feb. 2, 1960.

263501. FRAGARIA VESCA L. Rosaceae. European strawberry.

'Franken'. Selfed.

263502. FRAGARIA VESCA var. SEMPERFLORENS (Duchesne) Seringe in DC. Everbearing strawberry.

'Selfed'.

263503. FRAGARIA (hybrid).

263504 and 263505.

From Israel. Seeds presented by the Soil Conservation Service, Migdal-Ashkalon. Received Feb. 3, 1960.

263504. ORYZOPSIS COERULESCENS (Desf.) Hack. Poaceae.

263505. ORYZOPSIS HOLCIFORMIS (Bieb.) Hack.

263506 to 263509.

From Uganda. Seeds presented by the Serere Experiment Station, Soroti. Received Feb. 3, 1960.

263506. *CHLORIS GAYANA* Kunth Poaceae.

SR 5316X1.

263507. *HYPARRHENIA RUFA* (Nees) Stapf Poaceae.

SR 5765.

263508. *MELINIS MINUTIFLORA* Beauv. Poaceae.

SR 5561.

263509. *CENCHRUS CILIARIS* L. Poaceae.

SR 5411.

263510 and 263511.

From the United States. Seeds collected by H. S. Gentry, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Collected at Fort Huachuca, Arizona, elevation 5,000 feet, Sept. 27, 1959, and received Feb. 3, 1960.

263510. *AGROSTIS PILOSA* (L.) Beauv. Poaceae.

Col. No. 17889. Rank annual.

263511. *LINUM LEWISII* Pursh. Linaceae.

Col. No. 17877. Herbaceous perennial.

263512 to 263516.

From Korea. Scions presented by the United States Operations Mission, Seoul. Numbered Feb. 4, 1960.

263512. *JUGLANS* sp. Juglandaceae.

263513. *JUGLANS* sp.

263514. *PINUS KORAIENSIS* Sieb & Zucc. Pinaceae.

Korean pine.

263515 and 263516. *RHUS VERNICIFLUA* Stokes Anacardiaceae.

Lacquer-tree.

263515. "A".

263516. "B".

263517 to 263519.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Plant Industry Station, Beltsville, Md. Received Feb. 4, 1960.

263517. *ABUTILON INCANUM* (Link) Sweet Malvaceae.

Col. No. 17847. 'Pintapan'. Matape, Sonora. Elevation 2,400 feet. Bushy, erect perennial; flowers yellow.

263518. *BOUTELOUA CURTIPENDULA* (Michx.) Torr. Poaceae.

Col. No. 17857. 'Sacate del Cerro'. Cerito del Lopez, 40 miles northwest of Hermosillo, Sonora. A Sonoran desert drought resistant variety.

263519. *SESBANIA EXALTATA* (Raf.) Cory Fabaceae.

Col. No. 18355. Estacion Ruiz, Nayarit. Elevation 200 feet. Plants to 16 feet high, used as cover crop and for fiber.

263520 to 263523.

From Korea. Scions presented by the United States Operations Mission, Seoul. Scions unless otherwise noted. Received Feb. 4, 1960.

263520. *CASTANEA CRENATA* Sieb. & Zucc. Fagaceae. **Japanese chestnut.**

263520 to 263523—Continued

263521 and 263522. DIOSPYROS LOTUS L. Diospyraceae. **Dateplum.**

263521. "A".

263522. "B".

263523. GINKGO BILOBA L. Ginkgoaceae. **Maidenhair-tree.**

263524. IPOMOEA BATATAS (L.) Convolvulaceae. **Sweetpotato.**

From Kenya. Tubers presented by the East African Research Organization, Kikuyu.

'Muguga C'.

263525. CYAMOPSIS SENEGALENSIS Guill. & Perr. Fabaceae.

From Senegal. Seeds presented by the Agronomy Research Center, Bambey. Received Feb. 4, 1960.

263526 to 263535.

From Angola. Seeds presented by the Station for the Improvement of Plants, Nova Lisboa. Received Feb. 5, 1960.

263526. CROTALARIA JUNCEA L. Fabaceae. **Sunn-hemp.**

263527. CROTALARIA LACHNOCARPA Hochst.

263528. CROTALARIA MAXILLARIA Klatz.

263529. CROTALARIA MUCRONATA Desv.

263530. CROTALARIA USARAMOENSIS Baker f.

263531. DIGITARIA SMUTSII Stent. Poaceae.

263532. GLYCINE JAVANICA L. Fabaceae.

263533. STIZOLOBIUM ATERRIMUM Piper & Tracy Fabaceae.

'Mucuna Preta'

263534 and 263535. STIZOLOBIUM DEERINGIANUM Bort. **Deering velvetbean.**

263534. 'Mucuna Rajado'.

263535. 'Somerset'.

263536 and 263537.

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

263536. SAMBUCUS EDULUS L. Caprifoliaceae. **Danewort.**

G-9620. From Yugoslavia.

263537. LOBELIA INFLATA L. Campanulaceae. **Indian-tobacco.**

B-49894. Glenn Dale seed storage.

263538. MUSA \times PARADISIACA L. Musaceae. **Plantain-banana.**

From the British West Indies. Rhizomes collected by J. J. Ochse, United Fruit Company Expedition. Received Feb. 8, 1960.

Col. No. O-55. 'Giant Lacatan'. Archbald Plantations, Dominica. Unusually large Lacatan variation.

263539. PYRUS PYRIFOLIA (Burm.) Nakai Malaceae.

From Japan. Seeds presented by the Section of Commerce and Industry, Mishima City, Shizuoka. Received Feb. 8, 1960.

263540 to 263544. PENNISETUM SPICATUM (L.) Willd. Poaceae.
Pearl millet.

From the Union of South Africa. Seeds presented by the Division of Crops and Pastures, Department of Agriculture, Pretoria. Received Feb. 8, 1960.

263540. P 3722; DL 159/2553. 263543. P 3726; DL 159/1554.

263541. P 3723; DL 159/1555. 263544. P 4443; DL 159/1556.

263542. P 3725; DL 159/1553.

263545 to 263547.

From Morocco. Seeds presented by the Institute des Fruits et Agrumes Coloniaux, Rabat. Received Feb. 8, 1960.

263545 and 263546. CITRUS MEDICA L. Rutaceae. **Citron.**

263545. 'M'Guergueb'. Kindia, Guinea.

263546. 'Rhobs El Arsa'. Ain Taoujdat, Morocco.

263547. CITRUS RETICULATA Blanco Rutaceae. **Mandarin orange.**
 'Mandarinette'. Souelah, Morocco.

263548 to 263552. COFFEA ARABICA L. Rubiaceae.
Arabian coffee.

From Madagascar. Seeds presented by the Experiment Station, Kianjavato. Received Feb. 9, 1960.

263548. No. 17984, Clone 39. 263551. No. 17987, Clone 45.

263549. No. 17985, Clone 43. 263552. No. 17988, Clone 46.

263550. No. 17986, Clone 44.

263553 to 263557.

From Turkey. Seeds presented by the International Cooperation Administration, Ankara. Received Feb. 9, 1960.

263553 and 263554. AEGILOPS CYLINDRICA Host Poaceae.

263553. Lake Van shore.

263554. Scrub oak forest south of Usak.

263555. AEGILOPS SPELTOIDES Tausch.

Near Edremit.

263556 and 263557. AEGILOPS TRIUNCIALIS L. Poaceae. **Barb goatgrass.**

263556. Pine forest near Denizli.

263557. Lake Van shore.

263558. EUCALYPTUS (hybrid). Myrtaceae.

From India. Seeds presented by the Forest Research Institute and Colleges, Dehra Dun. Received Feb. 9, 1960.

'Bangalore'. From Mysore, Bangalore.

263559 to 263564.

From Switzerland. Seeds presented by the Federal Agricultural Research Station, Lausanne. Received Feb. 8, 1960.

263559. AVENA SATIVA L. Poaceae. **Common oats.**

'Brune Mont-Calme'.

263560. HORDEUM VULGARE L. Poaceae. **Barley.**

'Riniken'.

263559 to 263564—Continued

263561. *SECALE CEREALE* L. Poaceae. Rye.
'Cadi'.

263562 to 263564. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

263562. 'Mont-Calme 245'.

263563. 'Mont-Calme 268'.

263564. 'Probus'.

263565. *PRUNUS* sp. Amygdalaceae.

From Great Britain. Layers presented by the East Malling Research Station, Kent, England. Received Feb. 11, 1960.

'Mazzard F1/3'.

263566. *MALUS SYLVESTRIS* Mill. Malaceae. Apple.

From Germany. Scions presented by Christian Fey Baumschulen, Meckenheim, Bonn. Received Feb. 11, 1960.

'Erick Newmann's Red James Grieve'.

263567 to 263570.

From Israel. Seeds presented by the Forest Research Institute, Ilanoth. Received Feb. 11, 1960.

263567. *CERCIS SILIQUASTRUM* L. Caesalpiniaceae. Judas-tree.

263568. *STYRAX OFFICINALIS* L. Styracaceae. Storax.

263569. *ZIZYPHUS LOTUS* L. Lam. Rhamnaceae. Jujube.

263570. *ZIZYPHUS SPINA-CHRISTI* (L.) Willd.

263571. *SACCHARUM* (hybrid). Poaceae. Sugarcane.

From the British West Indies. Cuttings presented by the Central Sugar Cane Breeding Station, Barbados. Received Feb. 12, 1960.

J-1.

263572 to 263582.

From Sweden. Seeds presented by the Weibull Seed Company, Landskrona. Received Feb. 12, 1960.

263572 and 263573. *AVENA SATIVA* L. Poaceae. Common oats.

263572. Weibulls No. 16187.

263573. Weibulls No. 16228.

263574 to 263579. *HORDEUM VULGARE* L. Poaceae. Barley.

263574. Weibulls Original 'Ingrid No. 5425'.

263575. Weibulls Original 'Rika'.

263576. Weibulls No. 5573.

263577. Weibulls No. 5492. Spring.

263578. Weibulls No. 5666. Spring.

263579. Weibulls No. 5672. Spring.

263580 to 263582. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

263580. Weibulls No. 5583.

263581. Weibulls No. 5323. Spring.

263582. Weibulls Original 'Svenno'. Spring.

263583. VIBURNUM TRILOBUM Marsh. Caprifoliaceae.

From Canada. Cuttings presented by the Ornamentals Section, Department of Agriculture, Morden, Manitoba.

'Manito'.

263584. CYNARA SCOLYMUS L. Asteraceae. Artichoke.

From Spain. Seeds presented by the National Institute for the Selection and Production of Seeds, Madrid. Received Feb. 15, 1960.

263585 to 263588.

From the Philippines. Rhizomes collected by P. H. Allen, United Fruit Company Expedition. Received Feb. 16, 1960.

263585. MUSA sp. Musaceae.

Col. No. 2-7426. 'Inmasucar'. Barrio Angasian, Ilagan, Isabela Province, Luzon. Elevation 95 meters. Stooling habit compact; pseudostems many, to 5.5 meters high, 34 cm. diameter, green, flushed pink at base; bunch pendulous, with eight hands; fingers 18 cm. long, 3 cm. diameter; fruit yellow when ripe. A vigorous 'Calamay-Senora' type.

263586. MUSA sp.

Col. No. 2-7431. 'Guyud'. Palaui island hillside, near Port San Vincente, Cagayan Province, Luzon. Elevation 15 meters. Stooling habit compact; pseudostems many, to four meters high, 30 cm. diameter, mostly green, with some blackish blotches; bunch reported pendulous and fruit yellow when ripe. May be resistant to Panama disease.

263587. MUSA sp.

Col. No. 2-7432. 'San Juan'. Palaui island hillside, near Port San Vincente, Cagayan Province, Luzon. Elevation 15 meters. Stooling habit compact; pseudostems many, green, to 4.5 meters high, 28 cm. diameter; bunch pendulous, with four hands; fingers 18 cm. long, 3.5 cm. diameter; fruits silvery when immature, yellow when ripe.

263588. MUSA sp.

Col. No. 2-7433. 'Ripping'. Luna Exp. Sta., Apayao, Mountain Province, Luzon. Elevation 15 meters. Stooling habit compact; pseudostems, many, vigorous, to 5.5 meters high and 30 cm. diameter, heavily blackish blotched; foliage erect; bunch pendulous, with eight hands; fingers 14 cm. long, 3.5 cm. diameter, but fused together.

263589 to 263599.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Maryland. Received Feb. 16, 1950.

263589. LYCOPERSICON PIMPINELLIFOLIUM (Jusl.) Mill. Solanaceae.

Currant tomato.

Col. No. 17856. Ahome, Sinaloa. Scandent on shrubs; fruit panicles small.

263590. PHASEOLUS ACUTIFOLIUS Gray Fabaceae.

Col. No. 17834. Matape, Sonora. Elevation 2,300 feet. Annual climber.

263591 to 263598. PHASEOLUS VULGARIS L. Common bean.

263591. Col. No. 18287. Market, Ciudad Juarez, Chihuahua. Bean colorful.

263592. Col. No. 18290. Market, Julpa, Zacatecas. Beans pale yellow.

263593. Col. No. 18291. Market, Jalpa, Zacatecas. Bean white.

263594. Col. No. 18292. Market Jalpa, Zacatecas. Bean brown.

263595. Col. No. 18293. Market Jalpa, Zacatecas. Bean lavender.

263589 to 263599—Continued**263591 to 263598—Continued**

263596. Col. No. 18294. Market Jalpa, Zacatecas. Bean mottled gray.

263597. Col. No. 18295. Market Jalpa, Zacatecas. Bean yellow.

263598. Col. No. 18377. Sierra Surotato, Sinaloa. Elevation 6,000 feet. Beans light yellow.

263599. PHASEOLUS ACUTIFOLIUS Gray

Col. No. 18374. Sierra Surotato, Sinaloa. Elevation 5,000 feet. A climber.

263600. HIBISCUS SABDARIFFA L. Malvaceae. Roselle.

From the Belgian Congo. Seeds presented by the Institut pour l'Etude Agronomique, Gandajika. Received Feb. 18, 1960.

263601. DAUCUS CAROTA L. Apiaceae. Carrot.

From France. Seeds collected by E. Davis, agricultural explorer, Plant Industry Station, Beltsville, Md.

Col. No. D-27. Godineau & Co., Angers. Flowers with pink ovaries.

263602 to 263607.

From Australia. Seeds presented by the Soil Conservation Service, Inverell Research Station, Sydney.

263602 to 263604. PANICUM COLORATUM L. Poaceae.

263602. No. 374. From Rietolei, Union of South Africa.

263603. No. 430. Bambatsi. Gunnedah Research Station.

263604. No. 284. C.P.I. 17078.

263605 to 263607. PANICUM COLORATUM var. MAKARIKARIENSE Goossens Poaceae.

263605. No. 383.

263606. No. 1408. Kx-19. Gunnedah Research Station.

263607. No. 162. C.P.I. 7939. Cowea Research Station.

263608 to 263631. BETA VULGARIS L. Chenopodiaceae. Beet.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Breeding, Leningrad. Received Feb. 16, 1960.

263608. 643. From India.

263609. 117. From Turkey.

263610. 1345. Turkestan.

263611. 1. 'Kiev Krosbi'. Ukraine, S.S.R.

263612. 2. 'Krosbi NI/5/-7'. Ukraine, S.S.R.

263613. 18. 'Pushkinskaya Ploskaya'. Leningrad Oblast.

263614. 201B. 'Bordo 58'. White Russia, S.S.R.

263615. 201/49. 'Bordo 0237'. Moscow Oblast.

263616. 221/17. 'Leningradskaya-okruglaya'. Leningrad Oblast.

263617. 1585. 'Polyarnaya Ploskayai'. Murmansk Oblast.

263618. 1586. 'Severnoy Shar r 250'. Murmansk Oblast.

263619. 1615. 'Plosko-kruglaya N 3/5'. Ukraine, S.S.R.

263620. 1669. 'Nosovskaya Ploskaya'. Ukraine, S.S.R.

263621. Vr. 62. 'Podyimnaya A 0474'. Moscow Oblast.

263622. Vr. 93. 'Epfurtskaya'. Georgia, S.S.R.

263608 to 263631—Continued

263623. 0143. 'Sakharistaya Okruglaya'. Leningrad Oblast.
 263624. 1033. 'Severnaya Oranzhevaya'. Leningrad Oblast.
 263625. 1596. 'Detnuvoe Barres'. Lithuania, S.S.R.
 263626. Vr. 78. 'Ekkendorfskaya Zheltaya'. Bashkir S.S.R.
 263627. Vr. 86. 'Arnim Krivenskaya'. Gorki Oblast.
 263628. Vr. 89. 'Ekkendorfskaya Zhettaya'. Georgia, S.S.R.
 263629. 1469. 'Pobeditel'. Ukraine, S.S.R.
 263630. 1471. 'Ideal Noltavsky'. Ukraine, S.S.R.
 263631. 252. 'Peragis'. Latvia, S.S.R.
- 263632. BETA VULGARIS var. CICLA L. Chenopodiaceae. Swiss chard.**
 From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Breeding, Leningrad. Received Feb. 16, 1960.
 No. 151. From Asia Minor.
- 263633. MALUS SYLVESTRIS Mill. Malaceae. Apple.**
 From Great Britain. Rootstocks presented by the East Malling Research Station, near Maidstone, Kent, England.
- 263634. VERNONICA ANTHELMINTICA (L.) Willd. Asteraceae.**
 From the United States. Seeds purchased from Herbst Brothers, New York, N.Y. Received Feb. 17, 1960.
- 263635. PASSIFLORA EDULIS f. FLAVACARPA Degener. Passifloraceae.**
 From Puerto Rico. Seeds collected by L. H. MacDaniels, Rio Pedras. Received Feb. 17, 1960.
- 263636 and 263637.**
 From Ethiopia. Plant material collected by W. A. Archer, agricultural explorer, New Crops Research Branch, Plant Industry Station, Beltsville, Md. Numbered Feb. 17, 1960.
- 263636. CRATEROSTIGMA PLANTAGINEUM Hochst. Scrophulariaceae.**
 Col. No. I 10041. Hallata. Rhizomes collected April 17, 1951.
- 263637. MYRSINE AFRICANA L. Myrsinaceae.**
 Col. No. S.I. 8770. Addis Ababa market. Seeds collected Feb. 1951.
- 263638 and 263639. RUBUS MACROCARPUS Benth. Rosaceae.**
 From Columbia. Plants presented by the Instituto de Ciencias Naturales, Bogota. Received Feb. 18, 1960.
- 263638.** From Boqueron de Chipaque.
263639. From Paramo de Palacios.
- 263640. CLYMENIA POLYANDRA (Tanaka) Swingle Rutaceae.**
 From New Guinea. Fruits presented by the Department of Agriculture, Stock and Fisheries, Port Moresby. Received Feb. 18, 1960.
- 263641. SACCHARUM (hybrid). Poaceae. Sugarcane.**
 From the United States. Cuttings presented by the Hawaiian Sugar Planters Association, Honolulu, Hawaii. Received Feb. 18, 1960.
 'Loethers'.

263642 to 263665.

From Japan. Seeds presented by the Kyushu University, Fukuoka. Received Feb. 18, 1960.

- 263642.** *CALLICARPA MOLLIS* Sieb. & Zucc. Verbenaceae.
Yame District, Fukuoka Pref.
- 263643.** *CAMELLIA JAPONICA* L. Theaceae. **Common camellia.**
Seburi, Saga Pref.
- 263644.** *CAMELLIA SASANQUA* Thunb.
Seburi, Saga Pref.
- 263645.** *CAMELLIA SINENSIS* (L.) Kuntze **Tea.**
'Bohea'. Seburi, Saga Pref.
- 263646.** *EUONYMUS ALATUS* (Thunb.) Rupr. Celastraceae.
Yame District, Fukuoka Pref. **Winged euonymus.**
- 263647** *HIBISCUS SYRIACUS* L. Malvaceae. **Shrub-althea.**
Kasuya District, Fukuoka Pref.
- 263648.** *ILEX BUERGERI* Miquel. Aquifoliaceae.
Chikushi District, Fukuoka Pref.
- 263649 and 263650.** *ILEX CRENATA* Thunb. **Japanese holly.**
263649. 'Convexa'. Fukuoka City.
263650. Shiba, Miyasaki Pref.
- 263651.** *ILEX INTEGRATA* Thunb.
Seburi, Saga Pref.
- 263652.** *ILEX LATIFOLIA* Thunb.
Seburi, Saga Pref.
- 263653.** *ILEX PEDUNCULOSA* Miquel.
Shiba, Miyasaki Pref.
- 263654.** *ILEX ROTUNDA* Thunb.
Fukuoka City.
- 263655.** *ILEX SERRATA* var. *SIEBOLDII* Loes.
Yame District, Fukuoka Pref.
- 263656.** *LIGUSTRUM JAPONICUM* Thunb. Oleaceae. **Japanese privet.**
Yame District, Fukuoka Pref.
- 263657.** *MAGNOLIA OBOVATA* Thunb. Magnoliaceae.
Fukuoka City.
- 263658.** *PYRACANTHA ANGUSTIFOLIA* (Franch.) C. Schneid. Malaceae.
Yame District, Fukuoka City. **Narrowleaf firethorn.**
- 263659.** *RAPHIOLEPIS UMBELLATA* (Thunb.) Makino Malaceae. **Yeddo.**
Kasuya District, Fukuoka Pref.
- 263660.** *SYMPLOCOS LANCIFOLIA* Sieb. & Zucc. Symplocaceae.
Chikushi District, Fukuoka Pref.
- 263661.** *TERNSTROEMIA GYMNANTHERA* (Wight & Arn.) Sprague Theaceae.
Kasuya District, Fukuoka Pref.

263642 to 263665—Continued

263662. *TROCHODENDRON ARALIOIDES* Sieb. & Zucc. Trochodendraceae.
Shiba, Miyaski Pref.

263663. *VIBURNUM EROSUM* Thunb. Caprifoliaceae.
'Punctatum'. Yame District, Fukuoka Pref.

263664. *VIBURNUM JAPONICUM* (Thunb.) Spreng.
Fukuoka City.

263665. *VIBURNUM ODORATISSIMUM* Ker. Sweet viburnum.
Itoshima District, Fukuoka Pref.

263666 to 263669. *SACCHARUM* (hybrids). Poaceae.
Sugarcane.

From Colombia. Cuttings presented by the Granja Agricola Experimental, Palmira, Valle. Received Feb. 24, 1960.

263666. E.P.C. 51. 402. **263668.** E.P.C. 51. 319.

263667. E.P.C. 50. 922. **263669.** E.P.C. 54. 387.

263670 to 263676. *VITIS VINIFERA* L. Vitaceae.
European grape.

From Yugoslavia. Cuttings presented by the United States Operations Mission, Belgrade. Received Feb. 24, 1960.

263670. 'Afuz-Ali-Kruskasti'. Berries ovate.

263671. 'Afuz-Ali-Urmasti'. Berries long, good quality.

263672. 'Muskat Hamburg-Bekman'. Plant productive; berries round.

263673. 'Muskat Hamburg-Duguljasti'. Plant not productive; berries long, good quality.

263674. 'Muskat Otonel'.

263675. 'Prokupac'.

263676. 'Sasla Buvije'.

263677 to 263685. *PYRUS COMMUNIS* L. Malaceae.

From Great Britan. Scions presented by the Ministry of Agriculture, Fisheries and Food, Kent, England. Received Feb. 24, 1960.

263677. 'Autumn Nelis'. **263682.** 'Le Brun'.

263678. 'Belle Julie'. **263683.** 'Michaelmas Nelis'.

263679. 'Beurre de Jonghe'. **263684.** 'Napoleon'.

263680. 'Fondante D'Automne'. **263685.** 'President Barabe'.

263681. 'Hacon's Incomparable'.

263686 and 263687. *CITRUS SINENSIS* (L.) Osbeck Rutaceae
Orange.

From Morocco. Seeds presented by the Institut des Fruits at Agrumes Coloniaux, Rabat. Received Feb. 24, 1960.

263686. 'Grosse Sanguine'. From Sidi-Slimane.

263687. 'Grosse Sanguine'. From Souelah.

263688. *TRIFOLIUM RESUPINATUM* L. Fabaceae. **Persian clover.**

From Iran. Seeds presented by F. Samsam, Tehran. Received Feb. 24, 1960.

263689 to 263691. CORYLUS AVELLANA L. Betulaceae. Filbert.

From Spain. Plants presented by the Servicio Agronomico Nacional de Tarragona, Tarragona. Received Feb. 25, 1960.

263689. 'Grifoll d'Alforja'.

263690. 'Negret'.

263691. 'Ribet d'Alforja'.

263692. PRUNUS SIEBOLDII (Carr.) Wittmack Amygdalaceae.

From Japan. Seeds presented by the Experimental Forest Station, Kyoto University, Kyoto. Received Feb. 25, 1960.

263693. ARUNDINELLA HIRTA (Thunb.) Koidz. Poaceae.

From Korea. Seeds presented by the United States Operations Mission, Seoul. Received Feb. 25, 1960.

263694. VICIA LUDOVICIANA Nutt. Fabaceae.

From the United States. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Plant Industry Station, Beltsville, Md. Received Feb. 25, 1960.

Col. No. 17894. Chiricahua Mountains, Arizona. Elevation 5,500 feet. Perennial ground vine; stems and leaves fine.

263695. LEUCAENA ESCULENTA (Moc. & Sess.) Benth. Mimosa-ceae.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Plant Industry Station, Beltsville, Md.

Col. No. 18297. 'Huaje'. Near Moyahua, Zacatecas. Slender tree to nine meters high; pods reddish, tender, eaten fresh. May have forage value.

263696. VICIA NARBONENSIS L. Fabaceae.

From Turkey. Seeds presented by the Seed Improvement Station, Eskisehir. Received Feb. 26, 1960.

Collected near Ankara.

263697. DUBOISIA MYOPOROIDES R. Br. Solanaceae.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received Feb. 29, 1960.

Q. 400. Collected near Brisbane.

263698. CYAMOPSIS TETRAGONOLBA (L.) Taub. Fabacea.

Guar.

From the Sudan. Seeds presented by the Ministry of Agriculture, Khartoum. Received Feb. 29, 1960.

From Wad Medaini.

263699. VICIA PICTA Fisch. & Mey. Fabaceae.

From Czechoslovakia. Seeds presented by the Research Institute, Academy of Agricultural Sciences, Sumperk. Received Feb. 29, 1960.

263700 and 263701.

From Peru. Seeds presented by the United States Operations Mission, Lima. Received Feb. 29, 1960.

263700. *CENTROSEMA PUBESCENS* Benth. Fabaceae.

Collected in Tingo Maria.

263701. *STYLOSANTHES SUNDAICA* Taub. Fabaceae.

Collected in Tingo Maria.

263702 to 263709.

From Spain. Seeds presented by the Servicio Municipal de Parques y Jardines, Barcelona. Received Feb. 29, 1960.

263702. *IPOMOEA PURPUREA* (L.) Roth. Convolvulaceae. **Common morning-glory.**
 263703. *MANIHOT CARTHAGINENSIS* (Jacq.) Muell. Euphorbiaceae.
 263704. *MISCANTHUS SINENSIS* Anderss. Poaceae. **Eulalia.**
 263705. *PANICUM PLICATUM* Lam. Poaceae.
 263706. *PENNISETUM LONGISTYLUM* Hochst. Poaceae.
 263707. *SOLANUM AVICULARE* Forst. f. Solanaceae.
 263708. *SOLANUM* sp.
 263709. *SOLANUM* sp.

263710 to 263727.

From Puerto Rico. Seeds presented by the Agricultural Experiment Station, Rio Piedras. Received Feb. 29, 1960.

- 263710 to 263726. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**
- | | |
|------------------|-----------------|
| 263710. H 2. | 263719. 119. |
| 263711. H 3. | 263720. 123. |
| 263712. H 4. | 263721. 126 LM. |
| 263713. 15 CM. | 263722. 199. |
| 263714. 31 AM-6. | 263723. 214. |
| 263715. 78 BM. | 263724. 242. |
| 263716. 80. | 263725. 408. |
| 263717. 104 AM. | 263726. 414. |
| 263718. 105 A. | |
263727. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**
 'Rosita'.

263728 to 263730. VITIS VINIFERA L. Vitaceae. European grape.

From Yugoslavia. Cuttings presented by the University of Belgrade, Zemun. Received March 1, 1960.

263728. 'Madam Matijas'. From Hungary.
 263729. 'Muskat Oliver'.
 263730. 'Smederevka Zuta'. Yellow berry selection from the principal white wine variety in Serbia. Plants vigorous, productive; fruit large, yellow, fairly firm, medium-late ripening; clusters large. Also used as a table grape.

263731 to 263747. CORYLUS AVELLANA L. Betulaceae. Filbert.

From the Netherlands. Scions presented by the Institute of Horticultural Plant Breeding, Wageningen. Received March 1, 1960.

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|---------------------------------|----------------------------|
| 263731. 'Bergeri'. | 263736. 'Garibaldi'. |
| 263732. 'Bondnut'. | 263737. 'Lambert Filbert'. |
| 263733. 'Engelse Zeller'. | 263738. 'Lange Spaanse'. |
| 263734. 'Fruchess'. | 263739. 'Luisen'. |
| 263735. 'Fruhe von Frauendorf'. | 263740. 'Medium Long'. |

263731 to 263747—Continued

263741. 'Minna's Zeller'. 263745. 'Verbeterde Cosford'.
 263742. 'Neue Riesen'. 263746. 'Webb's Prize Cob'.
 263743. 'Rode Zeller'. 263747. 'Witpit Lambertsnoot'.
 263744. 'Roodpit Lambertsnoot'.

263748. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From Great Britain. Tubers presented by the Scottish Plant Breeding Station, Pentlandsfield, Roslin, Midlothian, Scotland. Received March 1, 1960.

'Sharpe's Express'. Virus S infected. Grown on wart disease- and golden nematode-free land.

263749. HIBISCUS SABDARIFFA L. Malvaceae. Roselle.

From the Federation of Rhodesia and Nyasaland. Seeds presented by the Mount Makulu Research Station, Chilanga. Received March 2, 1960.

Grown at Barotseland.

263750. SECALE CEREALE L. Poaceae. Rye.

From Germany. Seeds presented by the P. H. Petersen Seed Company, Hushby. Received March 2, 1960.

263751. ORYZA SATIVA L. Poaceae.

From Costa Rica. Seeds presented by the Ministry of Agriculture, San Jose. Received March 2, 1960.

263752 and 263753.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received March 2, 1960.

263752. ACACIA CONGESTA Benth. Mimosaceae.

Roadside between Perth and Albany. Prostrate shrub to four feet in diameter, branchlets spinescent; leaves small, ovate.

263753. DROSERA GIGANTEA Lindl. Droseraceae.

From North Dandolup.

263754 to 263765.

From India. Seeds presented by the Indian Agricultural Program, New Delhi. Received March 2, 1960.

263754. SORGHUM DURRA (Forsk.) Stapf. Poaceae.

'Nedja Wallega'. From Jimma, Ethiopia.

263755 and 263756. SORGHUM MEMBRANACEUM Chiov. Poaceae.

263755. No. 11. 'Birdproof'. From Union of South Africa.

263756. From Rustenberg, Union of South Africa.

263757 to 263765. SORGHUM BICOLOR (L.) Moench Poaceae.

263757. No. 2. 'Kaura'. From Zaria, North Nigeria.

263758. No. 3. 'Kaura'. From Zaria, North Nigeria.

263759. No. 4. 'Cullubi'. Dwarf selection.

263760. No. 5. 'Sapra'. From Zaria, North Nigeria.

263761. No. 6. Dwarf selection. From Ethiopia.

263762. No. 7. Endosperm red.

263763. No. 8. 'Korgi'. From Sudan.

263764. No. 9. 'Dobbs'. From Uganda.

263765. No. 10. 'Radar'. From South Africa.

263766 to 263770. HIBISCUS SYRIACUS L. Malvaceae. Shrub-althea.

From France. Plants presented by Charles Detriche, Angers. Received March 2, 1960.

263766. 'Monstruosus Plenus'. 263769. 'Souvenir d'Ch. Breton'.
 263767. 'Oisean Bleu'. 263770. 'Violaceus Plenus'.
 263768. 'Paeoniflorus'.

263771 and 263784.

From India. Cuttings presented by the Sugarcane Breeding Institute, Coimbatore. Received Feb. 26, 1960.

263771 to 263778. ERIANTHUS ARUNDINACEUS (Retz.) Jesw. Poaceae.

263771. SES 181. 263775. SES 311.
 263772. SES 206. 263776. SES 314.
 263773. SES 288. 263777. Thornless.
 263774. SES 300. 263778. Coimbatore.

263779. ERIANTHUS HOOKERI Hack.

Co. 929.

263780 and 263781. ERIANTHUS MUNJA (Roxb.) Jesw.

263780. Co. 951.
 263781. SES 309.

263782. ERIANTHUS PROCERUS (Roxb.) Raiz.

SES 336.

263783. ERIANTHUS RAVENNAE (L.) Deauv.

Ravenna grass.

Co. 961.

263784. MISCANTHUS NEPALENSIS (Trin.) Hack. Poaceae.

Co. K. 30.

263785 and 263786. ORYZA SATIVA L. Poaceae.

From British Guiana. Seeds presented by the Department of Agriculture, Georgetown. Received March 4, 1960.

263785. No. 79.
 263786. No. D 110.

263787. COFFEA ARABICA L. Rubiaceae. Arabian coffee.

From Guatemala. Seeds presented by Brother Carlos, San Martin de Los Cuchumatanes, Macaltengo. Received March 4, 1960.

Fruit ripens uniformly; grown in sun, at 6,500 to 7,000 feet elevation.

263788 to 263790.

From the Union of South Africa. Seeds presented by the Division of Botany, Department of Agriculture, Pretoria. Received March 4, 1960.

263788. DIMORPHOTHECA AURANTIACA DC. Asteraceae.

Winter cape-marigold.

263789. DIMORPHOTHECA ECKLONIS DC.

263790. DIMORPHOTHECA PLUVIALIS (L.) Moench.

Cape-marigold.

263791 to 263801.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received March 4, 1960.

263791 to 263801—Continued

263791. *ECHEANDIA BREVIFOLIA* Wats. Liliaceae.

Col. No. 17846. 'Azucena del Monte'. Ten miles east of Matape, Sonora. Elevation 3,400 feet. Small ornamental plant.

263792. *EUPHORBIA* sp. Euphorbiaceae.

Col. No. 17849. Matape, Sonora. Elevation 2,200 feet. Annual with pale bracts.

263793. *THRYALIS GLAUCA* (Cav.) Kuntze Malpighiaceae.

Col. No. 18360. Between Tepic and Acaponeta, Nayarit. Attractive spreading shrub; flowers bright yellow, copious.

263794. *SALVIA MEXICANA* L. Menthaceae.

Col. No. 18370. 'Chuparosa'. Sierra Surotato, Sinaloa. Elevation 6,000 feet. Graceful shrub to six feet high; leaves dark green; flowers purple, large.

263795. *SIDA* sp. Malvaceae.

Col. No. 17864. Thirty miles south of Nogales, Sonora.

263796 and 263797. *SOLANUM AMAZONIUM* Ker. Solanaceae.

263796. Col. No. 17839. Ten miles east of Matape, Sonora. Elevation 3,400 feet.

263797. Col. No. 18396. Guaymos, Sonora. Plants to 5 by 6 feet, rank, showy, nearly spineless; flowers light purple.

263798. *TAGETES* sp. Asteraceae.

Col. No. 18260. Twenty-two miles southeast of Nombre de Dios, Durango. Elevation 6,500 feet. Ornamental to six feet high; flowers large showy, used as cut flowers.

263799. *TAGETES* sp.

Col. No. 18332.

263800. *TAGETES* sp.

Col. No. 18334. Twenty-four miles south of Guadalajara, Jalisco. Annual to three feet high.

263801. *TAGETES* sp.

Col. No. 18348. Moist swale 21 miles southeast of Tepic, Nayarit. Elevation 3,700 feet. Rank annual to 5 feet high.

263802 to 263805. *PYRUS COMMUNIS* L. Malaceae.

From Great Britain. Scions presented by the East Malling Research Station, near Maidstone, Kent, England. Received March 7, 1960.

263802. 'Doyenne du Comice'.

263803. 'Williams' Bon Chretien'.

263804. English 'Williams'.

263805. Swiss 'Williams'.

263806 to 263833. *ORYZA SATIVA* L. Poaceae.

From Surinam. Seeds presented by the Agricultural Experiment Station, Paramaribo. Received March 7, 1960.

263806. No. 1. 40c/929.

263811. No. 6. 77a.

263807. No. 2. 40c/1.507.

263812. No. 7. 77a/722b

263808. No. 3. Nickerie/19.

263813. No. 8. 81b/25.

263809. No. 4. 77/4/4/5/4.

263814. No. 9. 81b/145.

263810. No. 5. V.80/3/1/5/5.

263815. No. 10. 100/1/1/11.

263806 to 263833—Continued

263816. No. 11. 140/4/1/2/5.	263825. No. 20. K8C/263/1.
263817. No. 12. 140/4/1/2/10.	263826. No. 21. K8C/263/3.
263818. No. 13. 131/6/1/1.	263827. No. 22. K8C/263/12.
263819. No. 14. VD5040/2/1/1.	263828. No. 23. K8C/505/1/1.
263820. No. 15. VD 5096/73/6.	263829. No. 24. K8C/634/10.
263821. No. 16. VD 5096/73/36.	263830. No. 25 K10 B/28/1
263822. No. 17. K x /5.	263831. No. 26. K10 B/100/2.
263823. No. 18. K8C/140/16.	263832. No. 27. K12 c/48.
263824. No. 19. K8C/140/72/1.	263833. No. 28. K12 C/53.

263834 to 263854.

From Japan. Seeds presented by the Tokyo Branch, Yokohama Plant Protection Station, Tokyo. Received March 7, 1960.

263834. CAMELLIA JAPONICA L. Theaceae.	Common camellia.
No. 8.	
263835. CAMELLIS SASANQUA Thunb.	
No. 9.	
263836. CERCIS CHINENSIS Bunge Caesalpiniaceae.	Chinese redbud.
No. 12.	
263837. HIBISCUS SYRIACUS L. Malvaceae.	Shrub-althea.
No. 22.	
263838. ILEX CRENATA Thunb. Aquifoliaceae.	Japanese holly.
No. 2.	
263839. ILEX CRENATA f. LUTEO-VARIEGATA (Regel) Rehder	Japanese holly.
No. 4.	
263840. ILEX CRENATA f. CONVEXA (Makino) Rehder	Japanese holly.
No. 3.	
263841. ILEX INTEGRATA Thunb.	
No. 1.	
263842. ILEX SERRATA Thunb.	Finetooth holly.
No. 5.	
263843. LAGERSTROEMIA INDICA L. Lythraceae.	Common crapemyrtle.
No. 10.	
263844. LAGERSTROEMIA SUBCOSTATA Koehne.	
No. 11.	
263845. MAGNOLIA KOBUS DC. Magnoliaceae.	Kobus magnolia.
No. 7.	
263846. MAGNOLIA OBOVATA Thunb.	
No. 6.	
263847. PYRACANTHA ANGUSTIFOLIA (Franch.) C. Schneid. Malaceae	Narrowleaf firethorn
No. 18.	
263848. PYRACANTHA COCCINEA Roem. Malaceae.	Scarlet firethorn
No. 19.	

263834 to 263854—Continued

263849. RHODODENDRON AMAGIANUM (Makino) Maxim. ex Hara Ericaceae.

No. 20.

263850. RHODODENDRON DILATATUM Miq.

No. 21.

263851. VIBURNUM BRACHYANDRUM Nakai Caprifoliaceae.

No. 17.

263852. VIBURNUM DILATATUM var. MICROPHYLLUM Nakai Linden viburnum.

No. 14.

263853. VIBURNUM EROSUM Thunb.

No. 15.

263854. VIBURNUM WRIGHTII Miq. Wright viburnum.

No. 16.

263855 to 263857.

From France. Scions presented by M. Llugany Henri, Elne. Received March 8, 1960.

263855. PRUNUS ARMENIACA L. Amygdalaceae. Apricot.
'Extra Precoce.'

263856 and 263857. PRUNUS AVIUM L. Sweet cherry.

263856. 'Precoce de Chine.'

263857. 'Primavera'.

263858 to 263860.

From Germany. Scions presented by G. D. Bohlje, Baumschulen, Westerstede. Received March 8, 1960.

263858. SALIX HASTATA var. VEGETATA Anderss. Salicaceae.
'Wehrhahnii'.

263859. SPIRAEA ARCUATA Hook. f. Rosaceae.

263860. SPIRAEA × ARGUTA Zabel.

'Compacta'.

263861 to 263863.

From New Zealand. Seeds presented by the Plant Introduction and Exchange Service, Department of Scientific and Industrial Research, Christchurch. Received March 8, 1960.

263861. FESTUCA MATTHEWSII (Hack.) Cheesem. Poaceae.

P-14930. Ecotype from Kirkliston Range, South Canterbury. Plants large, similar to *F. idahoensis*.

263862. FESTUCA NOVAE-ZELANDIAE (Hack.) Cockayne

P-14931. 'Tara'. From Omarama. Elevation 2,500 to 6,000 feet. Plants slow growing, not palatable.

263863. POA AUSTRALIS R. Br. Poaceae.

P-14932. 'Tarndale'. From Molesworth, Marlborough. Supposedly apomictic; ecotypes numerous throughout New Zealand and parts of Australia.

263864. TRIPSACUM LANCEOLATUM Rupr. Poaceae.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Plant Industry Station, Beltsville, Md. Received March 8, 1960.

Col. No. 18029. Roadside 11 miles south of Matamoros, Chihuahua. Elevation 6,500 feet. Culms to five feet high, leafy in clumps.

263865 to 263873.

From Greece. Seeds presented by J. Levanes, Treacle, Virginia. Received March 9, 1960.

263865. BETA VULGARIS var. CICLA L. Chenopodiaceae.	Swiss chard.
263866. BRASSICA NIGRA (L.) Koch. Brassicaceae.	Black mustard.
263867. BRASSICA OLERACEA L.	Wild cabbage.
263868. CUCUMIS MELO L. Cucurbitaceae.	Muskmelon.
263869. LACTUCA SATIVA L. Chichoriaceae.	Lettuce.
263870. OCIMUM BASILICUM L. Menthaceae.	Basil.
263871. PISUM SATIVUM L. Fabaceae.	
263872. RAPHANUS SATIVUS L. Brassicaceae.	Radish.
263873. SPINACIA SPINOSA Moench. Chenopodiaceae.	Spinach.

**263874 to 263901. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Faba-
ceae.**

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received March 9, 1960.

263874. I.C. 32. 'Delhi Local'.	263888. I.C. 3773.
263875. I.C. 33.	263889. I.C. 5490.
263876. I.C. 39.	263890. I.C. 5491.
263877. I.C. 547. Sweet, medium.	263891. I.C. 5493.
263878. I.C. 642.	263892. I.C. 5494.
263879. I.C. 739.	263893. I.C. 5495.
263880. I.C. 860.	263894. I.C. 5496.
263881. I.C. 2334. Long, smooth.	263895. I.C. 5497.
263882. I.C. 2488.	263896. I.C. 5498.
263883. I.C. 3106. Sweet, long.	263897. I.C. 5656.
263884. I.C. 3118.	263898. I.C. 40. 'Sotia Red Pod'.
263885. I.C. 3215. No. 47.	263899. I.C. 41. 'Desi'.
263886. I.C. 3268. 'Super-Season'.	263900. 'Sada Bahar'.
263887. I.C. 3289.	263901. 'Monsami'.

263902 to 263904.

From Mexico. Seeds collected by H. S. Gentry, agricultural explorer, New Crops Research Branch, Plant Industry Station, Beltsville, Md. Received March 9, 1960.

263902. EUCHLAENA MEXICANA Schrad. Poaceae.	Teosinte.
Col. No. 17973. 'Maisillo'. Nabogame, Chihuahua. Elevation 6,800 feet. Annual to seven feet high with one to three basal stems; stems reddish with some lateral branches; seeds edible.	
263903. EUCHLAENA (hybrid).	

Col. No. 17982. Nabogame, Chihuahua. Elevation 6,800 feet. Apparent hybrid along corn field; canes resemble *Tripsacum*, but nodes have one to three fused spikes or small corn ears.

263902 to 263904—Continued**263904.** ZEA MAYS L. Poaceae.**Corn.**Col. No. 17983. Nabogame, Chihuahua. Elevation 6,800 feet. Plants with typical ears growing near spontaneous wild *Tripsacum*.**263905 to 263918.**

From Colombia. Tubers presented by the Rockefeller Foundation, Medellin. Received March 10, 1960.

263905 to 263916. SOLANUM TUBEROSUM L. Solanaceae.**Potato.**

Haploid.

263905. 60/2.1. 60. 'Tocana Blanca' (60 × 131).**263906.** 196/2.1. 196. 'Curipamba' (196 × 193).**263907.** 196/2.2. 196. 'Curipamba' (196 × 193).**263908.** 198/2.2. 198. 'Algodona' (198 × 131).**263909.** 198/2.4. 198. 'Algodona' (198 × 131).**263910.** 198/2.5. 198. 'Algodona' (198 × 131).**263911.** 538/2.1. 538. 'Tocana Pano Humano' (538 × 143).**263912.** 551/2.1. 551. Name unknown (551 × 327).**263913.** 551/2.3. 551. Name unknown (551 × 327).**263914.** 818/2.2. 818. 'Jabonilla' (818 × 193).**263915.** 98/2.1. 98. 'G.L.S. × 'Madison' (A reddish selection) (98 × 143).**263916.** 393/2.1. 393. 'Eersterling' (393 × 131).**263917 and 263918.** SOLANUM (hybrids). Solanaceae.**263917.** 'Monserrate'. 50-57-67. 3. [*(S. tuberosum* × *andigena)* × *rybinii*] × 193 (haploid).**263918.** 55-26-4 (*S. demissum* × 'Tuquerrena') (*S. andigena* × 'Tocanna Colorada'). 2n = 48 tetraploid. Highly pigmented blue black.**263919 to 263921.**

From Mexico. Seeds presented by the United States Embassy, Mexico City. Received March 9, 1960.

263919. PINUS AYACAHUITE Ehrenb. Pinaceae.**263920.** PINUS MONTEZUMAE. Lambert.**263921.** PINUS PATULA Schlecht. & Cham.**263922 to 263941.** SACCHARUM (hybrids). Poaceae.**Sugarcane.**

From Cuba. Cuttings presented by H. G. Sorensen, Camaguey. Received March 10, 1960.

263922. 58-5-1-8.**263929.** 59-3-74-14.**263923.** 58-5-6-11.**263930.** 59-3-81-14.**263924.** 58-6-23-6.**263931.** 59-4-62-19.**263925.** 59-7-12-1.**263932.** 59-4-77-12.**263926.** 58-39-4-11.**263933.** 59-4-78-3.**263927.** 58-41-2-16.**263934.** 59-4-86-3.**263928.** 59-3-14-10.**263935.** 59-4-87-4.

263922 to 263941—Continued

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| 263936. | 59-5-15-4. | 263939. | 59-7-37-6. |
| 263937. | 59-5-19-13. | 263940. | 59-7-37-12. |
| 263938. | 59-7-34-14. | 263941. | 59-7-51-9. |

263942 to 263957. FAGOPYRUM ESCULENTUM Moench. Polygonaceae. Buckwheat.

From Yugoslavia. Seeds presented by the Agricultural Institute, Slovenia, Ljubljana. Received March 10, 1960.

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| 263942. | No. 1. | 'Kranj ZG. Brnik'. |
| 263943. | No. 2. | 'Kranj Gorice 24'. |
| 263944. | No. 3. | 'Kranj ZG. Brnik'. |
| 263945. | No. 4. | 'Skofja Loka Gorenje Brdo 9'. |
| 263946. | No. 5. | 'Sticna Metnaj'. |
| 263947. | No. 6. | 'Radohova-vas Dob 7'. |
| 263948. | No. 7. | 'Trebnje Repce 15'. |
| 263949. | No. 8. | 'Sentlovrenc Stehanjvas'. |
| 263950. | No. 9. | 'Dobrinc Luza 9'. |
| 263951. | No. 10. | 'Ljubno Savinga 25'. |
| 263952. | No. 11. | 'Sikole 21'. |
| 263953. | No. 12. | 'Sikole 37'. |
| 263954. | No. 13. | 'Turnisce Nedeljica 144'. |
| 263955. | No. 14. | 'Ljubljana Stozice 13'. |
| 263956. | No. 15. | 'Stozice 31'. |
| 263957. | No. 16. | 'Ljubljana Klece 16'. |

263958 to 263961.

From Canada. Seeds presented by Hogg & Lytle, Limited, Oakwood, Ontario. Received March 10, 1950.

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| 263958 to 263960. | TRIFOLIUM PRATENSE L. | Fabaceae. | Red clover. |
| 263958. | 'Svalof Hermes'. | | |
| 263959. | 'Svalof Merkur'. | | |
| 263960. | 'Svalof Silo'. | | |
| 263961. | TRIFOLIUM REPENS L. | | Whiteclover. |
| | 'Svalof Kivi'. | | |

263962. HIBISCUS LUNARIFOLIUS Willd. Malvaceae.

From the Union of South Africa. Seeds presented by B. deWinter, Pretoria. Received March 10, 1960.

- P. 4826. Wylliespoort, Transvaal.

263963 to 263973.

From Uganda. Seeds presented by D. G. Thomas, Kampala. Received March 10, 1960.

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| 263963. | HIBISCUS CALYPHYLLUS Cav. | Malvaceae. | |
| | No. 1. | | |
| 263964. | HIBISCUS CANNABINUS L. | | Kenaf. |
| | No. 2. | | |

263963 to 263973—Continued

263965. *HIBISCUS DIVERSIFOLIUS* Jacq. Rosemallow.
 No. 7.
263966. *HIBISCUS ESCULENTUS* L. Okra.
 No. 4.
263967. *HIBISCUS GOSSYPINUS* Thunb.
 No. 18.
263968. *HIBISCUS LUDWIGII* Eckl. & Zeyh.
 No. O.T.3.
263969. *HIBISCUS ROSTELLATUS* Guill. & Perr.
 No. O.T.6
263970. *HIBISCUS* sp.
 No. O.T.5.
263971. *HIBISCUS* sp.
 No. 8.
263972. *HIBISCUS* sp.
 No. 11.
263973. *HIBISCUS* sp.
 No. 21.

263974 to 263990.

From the Netherlands. Plants presented by the Hortus Botanicus, Canton-spark, Baarn. Received December 15, 1959.

263974. *ADIANTUM POIRETII* Wikstr. Polypodiaceae.
263975. *ANREDERA CORDIFOLIA* (Ten.) Steen. Basellaceae.
263976. *BOENNINGHAUSENIA ALBIFLORA* (Hook.) Reichenb. Rutaceae.
263977. *DENNSTAEDTIA OBTUSIFOLIA* (Wild.) Moore Polypodiaceae.
263978. *DERMATOBOTRYS SAUNDERSII* Bolus Menthaceae.
263979. *DIOSCOREA MACROURA* Harms Dioscoreaceae. Yam.
263980. *GEITONOPLESIMUM CYMOSUM* A. Cunn. Liliaceae.
263981. *GURANIA MAKROYANA* Cogn. Cucurbitaceae.
263982. *MICROLEPIA SPELUNCAE* (L.) Moore Polypodiaceae.
263983. *PASSIFLORA* × *COLVILLEI* Sweet Passifloraceae.
263984. *PIPER ORNATUM* N.E. Mr. Piperaceae.
263985. *ARUNDINARIA VIRIDI-STRIATA* (Regel) Makino Poaceae. Bamboo.
263986. *POLYPODIUM NIGRESCENS* Bl. Polypodiaceae.
263987. *REMUSATIA VIVIPARA* (Lodd.) Schott. Araceae.
 Native to Malaya. Plant tuberous-stemmed, shoots upright; leaves scale-like; leaf axis bear tubers; tubers have terminal hook for animal dissemination.
263988. *SCIAPHYLLUM AMOENUM* Bremek. Acanthaceae.
263989. *SINNINGIA PUSILLA* Baill. Gesneriaceae.
263990. *TRICHANTHA MINOR* Hook. f. Gesneriaceae.

263991 to 264042.

From Great Britain. Plants presented by George Jackman & Sons, Woking, Surrey, England. Received December 17, 1959.

263991 to 264042—Continued

- 263991 and 263992. *CLEMATIS ALPINA* (L.) Mill. Ranunculaceae.
 263991. 'Blue Bell'.
 263992. 'Columbine'.
263993. *CLEMATIS ALPINA* var. *SIBIRICA* (L.) Kuntze
 'Ruby'.
263994. *CLEMATIS ARMANDI* Franch. Armand clematis.
 'Snowdrift'.
263995. *CLEMATIS CALYCINA* (Soland.) Ait.
 263996. *CLEMATIS CHRYSOCOMA* Franch.
 263997. *CLEMATIS CHRYSOCOMA* var. *SERICEA* (Franch.) C. Schneid.
 263998. *CLEMATIS FARGESII* Franch.
 263999. *CLEMATIS FLAMMULA* L. Plume clematis.
264000. *CLEMATIS FLORIDA* f. *SIEBOLDII* (D. Don) Rehder
 264001 to 264004. *CLEMATIS HERACLEIFOLIA* DC. Tube clematis.
 264001. 'Campanile'. 264003. 'Deep Blue'.
 264002. 'Davidiana'. 264004. 'Ichangeise'.
- 264005 to 264007. *CLEMATIS MACROPETALA* Ledeb.
 264005. 'Lagoon'.
 264006. 'Maidwell Hall'.
 264007. 'Markhanis Pink'.
- 264008 to 264011. *CLEMATIS MONTANA* Buch.-Ham. Anemone clematis.
 264008. 'Elizabeth'. 264010. 'Pink Perfection'.
 264009. 'Grandiflora'. 264011. 'Wilsonii'.
264012. *CLEMATIS ORIENTALIS* L. Oriental clematis.
 264013. *CLEMATIS RECTA* L. Ground clematis.
 'Rubens'.
264014. *CLEMATIS TANGUTICA* (Maxim.) Korsh. Golden clematis.
 'Gravetye'.
264015. *CLEMATIS VITALBA* L. Travelers-joy.
 264016. *CLEMATIS VITICELLA* L. Italian clematis.
- 264017 to 264042. *CLEMATIS* (hybrids).
 264017. 'Abundance'. 264030. 'Margot Koster'.
 264018. 'Barbara Dibley'. 264031. 'Minuet'.
 264019. 'Beauty of Richmond'. 264032. 'Mrs. Byatt'.
 264020. 'Belle Nantaise'. 264033. 'Mr. George Jackman'.
 264021. 'Countess of Onslow'. 264034. 'Mrs. Hope'.
 264022. 'Daniel Deronda'. 264035. 'Perle d'Azure'.
 264023. 'Durandi'. 264036. 'Proteus'.
 264024. 'Etoile Violette'. 264037. 'Royal Velours'.
 264025. 'Gravetye Beauty'. 264038. 'Sealand Gem'.
 264026. 'Highdown'. 264039. 'Sensation'.
 264027. 'Jouiniana'. 264040. 'Star of India'.
 264028. 'Kermes' (Kermesina). 264041. 'Venosa Violacea'.
 264029. 'Little Nell'. 264042. 'Victoria'.

264043 to 264046. CLEMATIS (hybrids). Ranunculaceae.

From France. Plants presented by Andre Girault, Orleans. Received March 14, 1960.

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| 264043. 'Bagatelle'. | 264045. 'Mme Van Houtte'. |
| 264044. 'Colette Deville'. | 264046. 'Modesta'. |

264047 to 264107. SACCHARUM (hybrids). Poaceae. Sugarcane.

From Cuba. Cuttings presented by the United Fruit Company, Preston, Oriente Province. Received March 14, 1960.

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| 264047. P.B. 52-1-5. | 264078. U.C.W. 54-9. |
| 264048. P.B. 52-1-4. | 264079. U.C.W. 54-15. |
| 264049. P.B. 52-1-6. | 264080. U.C.W. 54-19. |
| 264050. P.B. 52-1-1. | 264081. U.C.W. 54-27. |
| 264051. P. 57-23-2. | 264082. U.C.W. 54-29. |
| 264052. P. 57-26-4. | 264083. U.C.W. 54-33. |
| 264053. P. 57-45-2. | 264084. U.C.W. 54-34. |
| 264054. P. 57-45-3. | 264085. U.C.W. 54-36. |
| 264055. P. 57-45-5. | 264086. U.C.W. 54-38. |
| 264056. P. 57-45-12. | 264087. U.C.W. 54-40. |
| 264057. P. 57-45-13. | 264088. U.C.W. 54-48. |
| 264058. P. 57-150-4. | 264089. U.C.W. 54-51. |
| 264059. P. 57-150-8. | 264090. U.C.W. 54-57. |
| 264060. J. 54-89. | 264091. U.C.W. 54-63. |
| 264061. U.C.W. 53-29. | 264092. U.C.W. 54-64. |
| 264062. U.C.W. 53-49. | 264093. U.C.W. 54-65. |
| 264063. U.C.W. 53-52. | 264094. U.C.W. 54-67. |
| 264064. U.C.W. 53-54. | 264095. U.C.W. 54-69. |
| 264065. U.C.W. 53-56. | 264096. U.C.W. 54-72. |
| 264066. U.C.W. 53-59. | 264097. U.C.W. 54-85. |
| 264067. U.C.W. 53-62. | 264098. U.C.W. 55-5. |
| 264068. U.C.W. 53-69. | 264099. U.C.W. 55-7. |
| 264069. U.C.W. 53-83. | 264100. U.C.W. 55-12. |
| 264070. U.C.W. 53-97. | 264101. U.C.W. 55-14. |
| 264071. U.C.W. 53-108. | 264102. U.C.W. 55-25. |
| 264072. U.C.W. 53-120. | 264103. U.C.W. 55-31. |
| 264073. U.C.W. 53-135. | 264104. U.C.W. 55-33. |
| 264074. U.C.W. 53-146. | 264105. U.C.W. 55-36. |
| 264075. U.C.W. 53-161. | 264106. U.C.W. 55-47. |
| 264076. U.C.W. 53-178. | 264107. U.C.W. 55-53. |
| 264077. U.C.W. 53-186. | |

264108 to 264113.

From Japan. Plant material presented by the University of Tokyo, Bankyo-Ku, Tokyo. Received March 14, 1960.

Bulbs unless otherwise noted.

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| 264108. ALLIUM FISTULOSUM L. Liliaceae. | Welsh onion. |
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264108 to 264113—Continued

264109. *ALLIUM NIPPONICUM* Franch. & Sav.

264110. *ALLIUM SCHOENOPRASUM* L.

Chive.

264111. *ALLIUM SCORODOPRASUM* var. *VIVIPARUM* Regel

264112 and 264113. *ALLIUM ODORUM* L.

Seeds.

264112. Plants small.

264113. Plants large.

264114 to 264117.

From Argentina. Tubers collected by D. S. Correll, collaborator, Crops Research, Plant Industry Station, Beltsville, Md. Received March 15, 1960.

264114. *SOLANUM ACAULE* Bitter Solanaceae.

Col. No. A-667. Ranch, Iturbe, Jujuy Prov.

264115. *SOLANUM FAMATINAE* Bitt. & Wittm.

Col. No. A-701. Tucuman to Cafayete.

264116. *SOLANUM INFUNDIBULBIFORME* Phil.

Col. No. A-660. Four miles south of Tres Cruces, Jujuy Prov.

264117. *SOLANUM MEGISTACROLOBUM* Bitter

264118 to 264130.

From Argentina. Tubers collected by D. S. Correll, collaborator, Crops Research Division, Plant Industry Station, Beltsville, Md. Received March 15, 1960.

264118. *SOLANUM BERTHAULTII* Hawkes Solanaceae.

Col. No. B-606. Near Cochabamba.

264119. *SOLANUM BOLIVIENSE* Dunal

Col. No. B-633. Eighty km. from Potosi, Potosi-Sucre road.

264120. *SOLANUM GOURLAYI* Hawkes

Col. No. B-632. Eighty-seven km. from Potosi, Potosi-Sucre road.

264121. *SOLANUM MEGISTACROLOBUM* Bitter

Col. No. B-602. North of Eucalyptus, Dept. of Oruro.

264122. *SOLANUM SUCRENSE* Hawkes

Col. No. B-624. Thirty-three km. from Sucre, Sucre-Potosi road.

264123 to 264130. *SOLANUM* sp.

264123. Col. No. B-612. Five km. above Quillacollo, Dept. of Cochabamba.

264124. Col. No. B-635. Finca Cayara, 20 km. northwest of Potosi.

264125. Col. No. B-639. Thirty-five km. from Potosi, Dept. of Potosi.

264126. Col. No. B-641. Culpina, Dept. of Chuquisaca.

264127. Col. No. B-645. Fifty-four km. from Villa Abecia, road to Las Carrera.

264128. Col. No. B-655. Iscayachi, Dept. of Tarija. Plants cultivated, frost resistant.

264129. Col. No. B-656. Near Toja, Dept. of Tarija.

264130. Col. No. B-657. Morallas, Dept. of Potosi.

264131 to 264133. VITIS VINIFERA L. Vitaceae.**European grape.**

From Yugoslavia. Cuttings presented by the United States Operations Mission, Belgrade. Received March 15, 1940.

264131. 'Caus'. Plants vigorous, productive; clusters loose; berries large, firm, good quality, white, ripening with 'Muskat Hamburg'. Female flowers.

264132. 'Caus' × 'Pearl of Csaba'. Perfect flowered seedling selection resembling 'Caus'. Clusters good, ripening before 'Caus'.

264133. 'Pred Primus'. Berries small, green, soft. A new Italian variety ripening a week before 'Pearl of Csaba'.

264134 and 264135.

From Cuba. Cuttings presented by the Atkins Garden and Research Laboratory, Cienfuegos. Received March 16, 1960.

264134. *HIBISCUS SCHIZOPETALUS* Hook f. Malvaceae. **Fringed hibiscus.**

264135. *MALVA VISCUS ARBOREUS* Cav. Malvaceae.

264136. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From Germany. Seeds presented by the Botanischer Garten und Museum, Berlin-Dahlem. Received March 16, 1960.

264137. CHAMAELAUCIUM UNCINATUM Schauer. Myrtaceae.

From Australia. Seeds presented by H. Lyne, Northam. Received March 16, 1960.

No. 27. 'Geraldton Wax'. Evergreen shrub; flowers about four months in a year. Good hedge plant.

264138. CICHORIUM INTYBUS L. Cichoriaceae. Chicory.

From Belgium. Seeds collected by E. Davis, agricultural explorer, Plant Industry Station, Beltsville, Md. Received March 16, 1960.

Col. No. D-260. 'Witloof'. Plants Fruitiers Station, Gembloux. A mixed population of varying foliage types. Used for forcing.

264139. BRASSICA NAPUS L. Brassicaceae. Rape.

From Canada. Seeds presented by Hogg & Lytle, Limited, Oakwood, Ontario. Received March 16, 1960.

No. 0266. 'Duro'. From Swedish Seed Association, Svalof, Sweden.

264140. ALLIUM CEPA L. Liliaceae. Onion.

From Iran. Seeds presented by the United States Embassy, Tehran. Received March 16, 1960.

264141. CHENOPODIUM VULVARIA L. Chenopodiaceae.

From France. Seeds presented by the Service des Plantations, Rennes. Received March 16, 1960.

264142 and 264143. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From Germany. Seeds presented by Mr. Van Waveren, Hannover. Received March 16, 1960.

264142. 'Favorite'. Dwarf bush bean.

264143. 'Meteor'. Dwarf bush bean.

264144 to 264146.

From Mexico. Seeds presented by Syntex, Society Anonymous, Mexico City. Received March 16, 1960.

264144 to 264146—Continued

264144 and 264145. *DIOSCOREA FLORIBUNDA* Mart. & Gal. Dioscoreaceae. **Yam.**

264144. From Finca el Balsamo, Texcuaco, Guatemala.

264145. From La Gomera, Guatemala.

264146. *DIOSCOREA SPICULIFLORA* Hemsl. **Yam.**

Colonia Grijalva, Chiapa de Corso, Chiapas.

264147 to 264153.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received March 16, 1960.

264147. *AELUROPUS LITTORALIS* (Gouan) Parl. Poaceae.

Turkmenian Botanical Garden.

264148. *BETA PATELLARIS* Moq. Chenopodiaceae.

From Germany.

264149. *BETA TRIGYNA* Waldst. & Kit.

Armenia.

264150 to 264152. *BETA VULGARIS* L. **Beet.**

264150. Eastern spinach. From India.

264151. Wild. From Algeria.

264152. Wild northern. From Ireland.

264153. *BETA TRIGYNA* Waldst & Kitabel

From Armenia.

264154 and 264155. *ARACHIS HYPOGAEA* L. Fabaceae. **Peanut.**

From the Philippines. Seeds presented by the Department of Agriculture and Natural Resources, Manila. Received March 16, 1960.

264154. 'Tirik'. Los Banos, Laguna, Luzon. Plants bunchy; leaves light green; pods mature in 104 to 114 days; 2 seeds per pod. Yield estimate 1,460 kg./hectare.

264155. 'Native White'. Los Banos, Laguna, Luzon. Plants bunchy; leaves light green; pods mature 104 to 114 days; seeds 2 to 3 per pod. Yield estimate 1,270 kg./hectare.

264156 to 264191. *ARACHIS HYPOGAEA* L. Fabaceae. **Peanut.**

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received March 16, 1960.

264156. CPI No. 17406. 'Abu-Arbaa'.

264157. CPI No. 17429. 'American'.

264158. CPI No. 17408. 'Ashford'.

264159. CPI No. 17950. A.9.

264160. CPI No. 17954. A. 3310.

264161. CPI No. 13962. 'Bombay No. 1'.

264162. CPI No. 13969. 'De M'Bambey 236'.

264163. CPI No. 17955. E/2.

264164. CPI No. 17956. E/14.

264165. CPI No. 17958. E/63.

264166. CPI No. 13967. 'Jumbo No. 9'.

264156 to 264191—Continued

264167. CPI No. 17407. 'Kande'.
 264168. CPI No. 13966. 'Lamana No. 7'.
 264169. CPI No. 18088. 'Leopowel Ponsk'.
 264170. CPI No. 17421. M.H. 382.
 264171. CPI No. 17422. M.J. 374.
 264172. CPI No. 17175. M.K. 383.
 264173. CPI No. 17428. N.A. 2/40.
 264174. CPI No. 17959. P. 16.
 264175. CPI No. 17960. P. 43.
 264176. CPI No. 17961. P. 50.
 264177. CPI No. 17962. P. 54.
 264178. CPI No. 17426. 'Red Spanish Bunch'.
 264179. CPI No. 13964. 'Russie No. 4'.
 264180. CPI No. 17409. 'Small White Spanish'.
 264181. CPI No. 17414. 'Spanish ECR/647'.
 264182. CPI No. 17424. 'Spanish ECR/672'.
 264183. CPI No. 13777. TMV. 2.
 264184. CPI No. 17169. 'Toro'.
 264185. CPI No. 17411. 'Vagna Vagna'.
 264186. CPI No. 13963. 'Valence No. 2'.
 264187. CPI No. 18092. 'Variedae 3'.
 264188. CPI No. 18090. 'Variedae 4'.
 264189. CPI No. 18091. 'Variedae 9'.
 264190. CPI No. 18085. 'Variedae 50'.
 264191. CPI No. 18087. 'Variedae 72'.

264192 to 264197. PYRUS COMMUNIS L. Malaceae.

From the Netherlands. Budsticks presented by the Institut von de Veredel-
 ing van Tuinbouwgewassen, Wageningen. Received March 16, 1960.

264192. 'Bre Dilly'.
 264193. 'Bre Henri Courcelles'.
 264194. 'Gieser Wildeman 105, 130'.
 264195. 'Lange Graticol 96. 97'.
 264196. 'Mathilde Recq. 68'.
 264197. 'President Osmonville 40'.

264198 and 264199.

From Great Britain. Plants presented by the Richmond Nurseries, Windle-
 sham, Surrey, England. Received March 16, 1960.

264198. MAGNOLIA MOLLICOMATA W.W.Sm. Magnoliaceae.
 264199. MAGNOLIA WILSONII (Finet & Gagn.) Rehder Wilson magnolia.

264200 to 264205.

From Morocco. Seeds presented by the Service de la Recherche Agronomi-
 que, Rabat. Received March 17, 1960.

264200 to 264205—Continued

- 264200 to 264201. *AVENA SATIVA* L. Poaceae. **Common oats.**
 264200. 'Avoine No. 320'. 'Palestine 1005'.
 264201. 'Avoine No. 153'. 'Tutrice'.
 264202 to 264205. *HORDEUM VULGARE* L. Poaceae. **Barley.**
 264202. 'Orge No. 289'. 'Esperance'.
 264203. 'Orge No. 71'. 'Rabat'.
 264204. 'Orge No. 89'. 'Tripoli'.
 264205. 'Orge No. 628'. 'Sarlis'.

264206 to 264210.

- From Libya. Seeds presented by the Foreign Operations Administration Mission, Tripolitania. Received March 17, 1960.
 264206 and 264207. *AVENA SATIVA* L. Poaceae. **Common oats.**
 264206. 'Nemaha'.
 264207. 'Palestine'.
 264208 to 264210. *HORDEUM VULGARE* L. Poaceae. **Barley.**
 264208. 'California Mariout'.
 264209. 'Local Selection 96'.
 264210. 'Wade Majanin'.

264211 to 264216.

- From Algeria. Seeds presented by the Agricultural Experiment Station, Maison-Carree, Alger. Received March 17, 1960.
 264211 and 264212. *AVENA SATIVA* L. Poaceae. **Common oats.**
 264211. 'Avoine Noire 912'.
 264212. 'Avoine Rouge d'Vulgerie No. 31'.
 264213 to 264216. *HORDEUM VULGARE* L. Poaceae. **Barley.**
 264213. 'Orge Saida 183'.
 264214. 'Orge Martin 839'.
 264215. 'Orge Tichidrett 3265'.
 264216. 'Orge Tichidrett 3270'.

264217. CUCUMIS MYRIOCARPUS Naud. Cucurbitaceae.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received March 18, 1960.

No. V 160. From Irrigation Station, Merbein, Victoria. Scabrous annual; petioles long; leaves palmate, odd-lobed to seven lobes, the middle lobe being largest; peduncles fascicled, much shorter than the hispid petiole; flowers small; fruit numerous, round, to one inch in diameter, sparingly to densely bristled. Reportedly poisonous to livestock.

264218 to 264220.

- From Turkey. Seeds presented by an anonymous donor, Eskisehir. Received March 18, 1960.
 264218 and 264219. *HORDEUM BULBOSUM* L. Poaceae. **Barley.**
 264218. No. 2-59. From Nicosia, Cyprus.
 264219. No. 2-130. Eskisehir.
 264220. *HORDEUM SPONTANEUM* C. Koch.
 No. A-7. Eskisehir.

264221 to 264223.

From Japan. Seeds presented by the Aritaki Arboretum, Koshigaya-Machi, Saitama-Ken. Received March 18, 1960.

264221. *ILLICIAM RELIGIOSUM* Sieb. & Zucc. Magnoliaceae.
 264222. *LAGERSTROEMIA SUBCOSTA* var. *HIRTELLA* Koehne Lythraceae.
 264223. *TUMION NUCIFERUM* (L.) Greene Taxaceae.

264224 to 264241.

From France. Seeds presented by L. Clause, Bretigny-sur-Orge. Received March 18, 1960.

- 264224 and 264225. *ALLIUM CEPA* L. Liliaceae. Onion.
 264224. No. 14782. 'Vaugirard'. Cold resistant.
 264225. No. 11657. 'Malakoff'. Cold resistant.
 264226 to 264231. *CUCUMIS SATIVUS* L. Cucurbitaceae. Cucumber.
 264226. No. 14016. 'Vorgebirg'. Plant hairy; fruit spineless.
 264227. No. 1321. 'Delicatess'. Plant hairy; fruit spineless.
 264228. No. 27479. 'Vert Long de Chine'. Fruit long.
 264229. No. 80348. 'Gloire de Paris'. Fruit dark green.
 264230. No. 1732. 'Vert Long Allemand'. Fruit dark green.
 264231. No. 80669. 'Spiers'. Fruit dark green.
 264232 to 264238. *DAUCUS CAROTA* L. Apiaceae. Carrot.
 264232. No. 5006. 'Chantenay Red Cored'.
 264233. No. 7613. 'Claudia'. (Earliest 'Nantes').
 264234. No. 68258. 'Flakkee'.
 264235. No. 12229. 'Horn Red Apple'. Forcing.
 264236. No. 27358. 'Nantes Improved A 17'.
 264237. No. 14031. 'Vertou'.
 264238. No. 22861. 'Giant Chantenay'.
 264239. *PHASEOLUS LUNATUS* L. Fabaceae. Lima bean.
 Wild type; resistant to anthracnose.
 264240 and 264241. *PHASEOLUS VULGARIS* L. Common bean.
 264240. 'Flageolet Vert'. Seeds green.
 264241. No. 63623. 'Violet a Rames'. Leaves red.

264242. *ORYZA SATIVA* L. Poaceae.

From Panama. Seeds presented by M. Luis, Romero, Central Agricola, David.

'Chin Chin'.

264243. *ORYZA SATIVA* L. Poaceae.

From Japan. Seeds presented by C. W. Tuttle, Colusa, California. Received March 18, 1960.

264244 to 264250.

From the United Arab Republic (Egypt). Seeds presented by the Orman Botanic Garden, Giza. Received March 18, 1960.

264244. *GYMNOCLADUS DIOICA* L. Koch Caesalpiniaceae. Kentucky coffeetree.
 264245. *MAGNOLIA MACROPHYLLIA* Michx. Magnoliaceae.

264244 to 264250—Continued

264246. *MAGNOLIA VIRGINIANA* L. Sweetbay.
 264247. *NYSSA SYLVATICA* Marsh. Cornaceae.
 264248. *PRUNUS SEROTINA* Ehrh. Amygdalaceae. Black cherry.
 264249. *SEQUOIA GIGANTEA* (Lindl.) Dene. Pinaceae.
 264250. *UMBELLULARIA CALIFORNICA* (Hook. & Arn.) Nuttall Lauraceae.
 California-laurel.

264251 to 264256.

From Turkey. Seeds presented by the Institute for Agricultural Research, Ankara. Received March 18, 1960.

264251. *HORDEUM VULGARE* L. Poaceae. Barley.
 'Tokak'.
 264252 and 264253. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.
 264252. No. 220/39. 'Delfi'. From central Anatolia. Early spring variety resistant to drought and moderately resistant to cold, *Puccinia glumarum* and smut.
 264253. 'Milturm'. Early spring variety resistant to cold, drought and lodging. Resistant to *Puccinia glumarum* but susceptible to smut.
 264254. *TRITICUM COMPACTUM* Host.
 No. 111/33. 'Pseudo-rubriceps'. Central Anatolia. Early spring variety resistant to cold and drought. Yields satisfactory on light soil. Susceptible to *Puccinia glumarum*, *P. graminis* and smut.
 264255. *TRITICUM DURUM* Desf.
 No. 073/44. 'Akbasak'. 'Leucurm'. Central Anatolia. Early spring variety resistant to drought and moderately resistant to cold, *Puccinia glumarum* and smut.
 264256. *TRITICUM HORDEIFORME* Host
 No. 414/44. Central Anatolia. Early spring variety resistant to cold and drought, and moderately resistant to *Puccinia glumarum* and smut.
- 264257 to 264280.
- From Sweden. Seeds presented by the Sveriges Utsadesforening, Svalof. Received March 21, 1960.
- Spring type.
- 264257 to 264268. *AVENA SATIVA* L. Poaceae. Common oats.
 264257. 'Eagle'. 'Seger' × 'v. Lochows Gelbh'. Late, frit-fly (*Oscinella frit*) resistant. Bred for southern Sweden.
 264258. 'Blenda'. A component of 'Sol II'. Extremely high-quality, bred for southern and central Sweden.
 264259. 'Nip'. ('Guidregn I' × 'Orlon II') × 'Orlon II'. Very early. Bred for northern Sweden.
 264260. 'Lightning'. 'Solv' × 'Orn'. Bred for the western part of central Sweden.
 264261. 'Golden Rain II'. 'Seger' × 'Guldregn I'. Widely adapted. Bred for central Sweden.
 264262. 'Orion III'. 'Guldregn I' × 'Orion II'. Very early variety; medium quality. Bred for northern Sweden.
 264263. 'Victory II'. 'Seger' × line of 'Jamtland'. Bred for heavy soil in central Sweden.
 264264. 'Star'. 'Seger' × 'Kron'. High quality. Bred for southern and central Sweden.

264257 to 264268—Continued**264257 to 264268—Continued**

264265. 'Sun II'. 'Stjarn' × 'Orn'. Southern and central Sweden.

264266. 'Extra-Klock II'. 'Stor-mogul' × 'Extra-Klock I'. Medium quality. Bred for eastern part of central Sweden.

264267. 'Orion II' × line of 'Norrbotten'. Medium quality; extremely early variety. Bred for northernmost Sweden.

264268. 'Great Mogul II'. 'Klock II' × 'Stormogul I'. Bred for the eastern part of central Sweden.

264269 to 264280. TRITICUM AESTIVUM L. Poaceae. Common wheat.

Winter type.

264269. 'Diana'. 'Sol II' × 'Svea II'. Early variety, plants hardy; straw stiff. Bred for west central Sweden.

264270. 'Skandi III B'. A component of 'Skandia I'. Late variety; medium quality. Bred for southern Sweden.

264271. 'Hansa'. 'Sol II' × 'Standard'. Late variety; drought reliable. Bred for southeastern Sweden.

264272. 'Odin'. 'Ergo I' × 'Gluten'. Plants hardy; medium quality; straw stiff. Bred for central Sweden.

264273. 'Svale'. 'Eroica' × 'Skandia II'. Late variety; medium quality; straw stiff. Bred for southern Sweden.

Spring type.

264274. 'Rival'. A component of 'Diamant II'. High quality. Bred for central Sweden.

264275. 'Norrna'. 'Fram II' × 'Sopu'. Very early variety. Bred in Norway for northern Scandinavia.

264276. 'Drott'. 'Fylgia I' × ('Extra-Kolben' × 'Rubin'). Bred for central Sweden.

264277. 'Sapphire'. 'E-Kolben' × 'Braun', 'Schianstedt' × ('Sv. Kolben' × 'Braun Schianstedt'). Bred for southern Sweden.

264278. 'Fylgia II'. 'Extra-Kolben II' × 'Aurore'. Drought tolerant. For southeastern Sweden.

264279. 'Diamond II'. 'Diamant I' × 'Extra-Kolben'. High quality. Bred for central Sweden.

264280. 'Progress'. 'E-Kolben' × ('Svaiof' × 'Kolben' × 'Br. Schlanstedt'). Late variety. Bred for southern Sweden.

264281. CAPSICUM FRUTESCENS L. Solanaceae. Redpepper.

From the United States. Seeds presented by the University of Florida, Gainesville, Florida. Received March 21, 1960.

No. P. 11. Resistant to tobacco etch, tomato mosaic and potato virus Y.

264282 to 264309.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received March 21, 1960.

264282 and 264283. DACTYLIS GLOMERATA L. Poaceae. Orchardgrass.

264282. CPI No. 14676. From Portugal.

264283. CPI No. 15211. From Spain.

264284 and 264285. DACTYLIS GLOMERATA var. HISPANICA (Roth) Duby

264284. CPI No. 6834. From Algeria.

264285. CPI No. 19751. From Italy.

264282 to 264309—Continued

264286. *EHRHARTA CALYCINA* J. E. Smith Poaceae. **Perennial veldtgrass.**
A polycross.
264287. *LOLIUM GAUDINII* Parl. Poaceae.
CPI No. 15575. From Israel.
- 264288 and 264289. *LOLIUM LOLIACEUM* (Bory & Chaub.) Hand.-Mazz.
Ryegrass.
264288. CPI No. 14816. From Israel.
264289. CPI No. 14816-4. From Israel.
264290. *LOLIUM MULTIFLORUM* Lam. **Italian ryegrass.**
CPI No. 10438. From Bot. Gdn. Coimbra, Portugal.
- 264291 to 264309. *LOLIUM RIGIDUM* Gaud. **Wimmera ryegrass.**
264291. CPI No. 14685. From Morocco.
264292. CPI No. 14817-2. From Israel.
264293. CPI No. 14819. From Israel.
264294. CPI No. 19071. From Algeria.
264295. CPI No. 19082. From Morocco.
264296. CPI No. 19085. From Morocco.
264297. CPI No. 19103. From Portugal.
264298. CPI No. 19112. From Portugal.
264299. CPI No. 19114. From Portugal.
264300. CPI No. 19115. From Portugal.
264301. N 139. Dept. of Agric., Sydney.
264302. W 208. Muresk, Australia.
264303. A 870. Dept. of Agric., Sydney.
264304. A 872. Dept. of Agric., Sydney.
264305. A 877. Dept. of Agric., Sydney.
264306. N 140. Dept. of Agric., Sydney.
264307. V 12. Pasture Res. Sta., Burnley Gdns., Victoria.
264308. V 13. Pasture Res. Sta., Burnley Gdns., Victoria.
264309. V 14. Pasture Res. Sta., Burnley Gdns., Victoria.

264310 to 264336.

From Spain. Seeds presented by the National Institute for the Production of Select Seeds, Madrid. Received March 23, 1960.

- 264310 to 264329. *ALLIUM CEPA* L. Liliaceae. **Onion.**
264310. 'Sangre de Buey'. Grown in northeastern Spain. Bulb depressed, globose, purple. Early variety, good keeper.
264311. 'Viguetana'. From Vich 60 to 70 km. north of Barcelona. Bulb pyriform, red, sweet.
264312. 'Colorada de Conservar'. From France. Bulb subglobose, pale red. Stores well.
264313. 'Blanca del Pais'. Grown in northern Spain. Bulb napiform, white, with greenish-yellow collar; interior white. Planted August-September, harvested July. Stores well.
264314. 'Campeny'. Grown in Barcelona Prov. Bulb flattened, napiforme, purplish, 7 to 10 cms. by 3 to 5 cms.; seeds planted August-September, harvested April-May, or planted December-January, harvested November. Poor keeper.

264310 to 264336—Continued**264310 to 264329—Continued**

264315. 'Blanca Achatada'.

264316. 'Colorado de Conservar'. From Cataluna. Bulb napiforme, 7 to 9 cm. by 5 to 6 cm.; hard, pale purple with copper tones; interior pale violet. Planted August-September, harvested July-August. Stores well.

264317. 'Babosa'. Bulb obconoid, 7 to 8 cm. wide by 6 to 7 cm. deep; golden yellow; interior yellowish or greenish-white. Planted August-September, harvested June-July. Bulbs soft, poor keeper.

264318. 'Roja Murciana de Exportacion'. Bulb globose, dark purple. Late variety, good keeper.

264319. 'Amarilla Bermuda'. Bulb depressed globe, yellow with white interior, sweet. Early, short day variety.

264320. 'Grano'. Bulb globose, 7 to 9 cm. diameter and height; hard, straw-yellow with copper tones; interior white. Late variety, good keeper.

264321. 'Blanca Temprana Francesa'. Bulb depressed globe, 7 to 9 cm. diameter by 4 to 5 cm. high; skin silvery-white; interior white. Seeds planted August-September, harvested May-June, or earlier for green onions. Poor keeper. Used for pickling.

264322. 'Blanca Grande'. Bulb globose, 8 to 9 cm. diameter by 7 to 8 cm. high; white. Seeds planted August-September, harvested August. Poor keeper.

264323. 'Blanca Temprana'. Early white variety.

264324. 'Amarilla Achatada'. Bulb subglobose, 8 to 10 cm. diameter, 5 to 6 cm. high; straw-yellow outside, white inside, soft. Planted August-September, harvested July. Poor keeper.

264325. 'Colorado de Amposta'. Bulb globose, hard, red outside, light purple inside. Harvested September-October. Good keeper.

264326. 'Blanca Achatada'.

264327. 'Amarilla Murciana de Exportacion'.

264328. 'Encarnada de Navarra'.

264329. 'Amarilla de Paisv'.

264330. *BORAGO OFFICINALIS* L. Boraginaceae. **Borage.**

'Borraja Carriente'. From Zaragoza. Leaves cooked, seasoned and eaten or mixed with other vegetables.

264331. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. **Cauliflower.**

'Tardia Marzo'. Cold resistant to -20° C.

264332 and 264333. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

264332. 'Morro de Vaca'. Fruits large.

264333. 'Murron de Conserva'. Early variety. Fruits short; flesh thick.

264334 and 264335. *LACTUCA SATIVA* L. Cichoriaceae. **Lettuce.**

264334. 'Tres Ojos'. Summer variety resistant to bolting.

264335. 'Col de Napoles'. Summer variety resistant to bolting.

264336. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

'Rochapea'. Plant dwarf; fruit dark, firm, matures early.

264337 to 264339.

From Sweden. Plants presented by the Balsgard Fruit Breeding Institute, Fjalkestad. Received March 22, 1960.

264337 to 264339—Continued

264337. *RUBUS HENRYI* Hemsl. & Kuntze Rosaceae.

From Agric. Univ. of Copenhagen, Denmark.

264338 and 264339. *RUBUS IDAEUS* L.

264338. 'Hailsham'. Tetraploid, from Max Planck Institute, Cologne, Germany.

264339. 'Hailsham'. Triploid, from East Malling Station, England. Plant vigorous.

264340 to 264342. VITIS VINIFERA L. Vitaceae.**European grape.**

From Yugoslavia. Cuttings presented by the United States Operations Mission, Belgrade. Received March 23, 1960.

264340. 'Ama Marija'.

264341. 'Madeline Amgeoime'.

264342. 'Madeline Celline'. From Italy via Germany. Fruit similar to 'Pred Primus'.

264343. ZOYSIA MATRELLA (L.) Merr. Poaceae.

From China. Stolons presented by Yuan-ping Hung, Pingtung, Taiwan. Received December 1957. Numbered March 1960.

264344 and 264345. GLYCINE MAX (L.) Merr. Fabaceae.**Soybean.**

From India. Seeds presented by the Iowa State University, Ames, Iowa. Received March 23, 1960.

264344. Seeds red. From New Delhi.

264345. Seeds yellow. From New Delhi.

264346 to 264348.

From the Netherlands. Plants presented by the Homestead Nurseries, Boskoop. Received March 23, 1960.

264346. *CLEMATIS MONTANA* Buch.-Ham. Ranunculaceae. **Anemone clematis.**
'Lilacina Floribunda'.

264347. *CLEMATIS* (hybrid).

264348. *CLEMATIS* (hybrid).
'Sieboldi'.

264349 to 264352.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Breeding, Leningrad. Received March 23, 1960.

264349. *BETA LOMATOGONA* Fisch. & Mey. Chenopodiaceae.

Azerbaijan, Zuvand, near Iran. Elevation 4,900 feet.

264350. *BETA MACRORHIZA* Stev.

Cubinski District, Caucasus. Elevation 6,400 feet.

264351. *BETA TRIGYNA* Waldst. & Kit.

Criiee. Elevation 2,000 feet.

264352. *BETA* sp.

Transcaucasia, Armenia. Elevation 2,600 feet.

264353 to 264357. VITIS VINIFERA L. Vitaceae.**European grape.**

From Iran. Cuttings collected and presented by O. C. Kirk, University of Utah, Howell Field Station, North Ogden. Received from Adjaptshar, Azerbaijan, March 25, 1960.

264353. 'Fakhri'. **264356.** 'Gezel Uzum'.

264354. 'Galline Barmagi'. **264357.** 'Sahebi'.

264355. 'Gayss Angor'.

264358 to 264388.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Breeding, Leningrad. Received March 25, 1960.

264358. *AELUROPUS LITTORALIS* (Gouan) Parl. Poaceae.

264359. *AELUROPUS REPENS* (Desf.) Parl.

264360 to 264372. *JUGLANS REGIA* L. Juglandaceae. **Persian walnut.**

264360 to 264369. From the Majkop Experiment Station.

264360. 'Detskij'. Average nut weight 9.5 grams; kernel output 52.1 percent; oil content 66.4 percent; protein content 21.6 percent. Tree survives -33° C.

264361. 'Dzigit'. Average nut weight 15 grams; kernel output 45 percent; oil content 66.7 percent. Tree survives -33° C.

264362. 'Kolobk'. Average nut weight 10.6 grams; kernel output 50 percent; oil content 65 percent. Tree survives -33° C.

264363. 'Kubanskij'. Average nut weight 11.5 grams; kernel output 50.4 percent; oil content 72.2 percent; protein content 18.7 percent. Tree survives -33° C.

264364. 'Jelocnyj Velikan'. Average nut weight 23 to 32 grams; kernel output 43 percent; tree winter hardy.

264365. 'Maljutka'. Average nut weight 8 grams; kernel output 54.4 percent; oil content 73.8 percent; protein content 16.5 percent. Tree survives -33° C.

264366. 'Majkopskij'. Average nut weight 15 grams; kernel output 50 percent; oil content 70.2 percent; protein content 18.4 percent. Tree survives -33° C.

264367. 'Pioner Majkopa'. Average nut weight 16.4 grams; kernel output 54 percent; oil content 71.8 percent. Tree survives -35° C.

264368. 'Sputnik'. Average nut weight 10.3 grams; kernel output 49 percent; oil content 70 percent. Tree survives -33° C.

264369. 'Suntuk'. Average nut weight 11.3 grams; kernel output 53.4 percent and oil content 65 percent. Tree survives -33° C.

264370 to 264372. From the Bostandyk Test Field. Varieties resistant to late spring frosts.

264370. 'Bostandykskij'. Selected from the wild. Resistant to late spring frosts. Average nut weight 13.26 grams; kernel output 48.5 percent; sugar content 2.2 percent; oil content 68.8 percent.

264371. 'Jubilejnyj'. Selected from the wild. Resistant to late spring frosts. Average nut weight 11.72 grams; kernel output 50.4 percent; sugar content 1.6 percent; oil content 69.34 percent.

264372. 'Ideal'. Selected from cultivated plantings. Hardy, precocious, annual bearer. Resistant to late spring frosts; produces second crop of flowers. Average nut weight 10.25 grams; kernel output 50.8 percent; sugar content 3 percent; oil content 67.1 percent.

264358 to 264388—Continued**264373 to 264376.** JUGLANS (hybrids).

From the Bostandyk Test Field.

264373. 'Gibridnyj'. Reportedly *J. regia* × *Carya illinoensis*. Hardy; resistant to late spring frost; short growth period. Average nut weight 12.12 grams; kernel output 51.3 percent; sugar content 2.3 percent; oil content 69.2 percent.**264374.** 'Hybrid 367'. Reportedly *J. regia* × *J. nigra*. Frost resistant. Average nut weight 11.74 grams; kernel output 44.5 percent.**264375.** 'Hybrid 367'. Reportedly *J. regia* × *J. cinerea*. Frost resistant; annual bearer; resistant to *Marsonia*. Average nut weight 11.55 grams; kernel output 49.2 percent.**264376.** 'Hybrid 470'. Reportedly *J. regia* 'Ideal' × *mandshurica*. Frost resistant; precocious bearer; resistant to *Marsonia*. Average nut weight 11.14 grams; kernel output 46.5 percent.**264377 to 264382.** PRUNUS PERSICA (L.) Batsch Amygdalaceae.**Peach.****264377.** 'Ak-Shaftali'.**264380.** 'Pamir'.**264378.** 'Lola'.**264381.** 'Vladimir'.**264379.** 'Kibraii'.**264382.** 'Vostok'.**264383.** PRUNUS PERSICA var. NECTARINA (Ait.) Maxim.**Nectarine.**

'Zolotoi'.

264384 to 264388. JUGLANS REGIA L. Juglandaceae.**Persian walnut.****264384.** No. 7-18.**264387.** No. 55-29.**264385.** No. 16-157.**264388.** No. 104-48.**264386.** No. 28-116.**264389.** ALOPECURUS PRATENSIS L. Poaceae. **Meadow foxtail.**

From Great Britain. Seeds presented by the University College of Wales, Aberystwyth, Wales.

Bh 284/NG/53.

264390 and 264391. SORGHUM BICOLOR (L.) Moench. Poaceae.

From Nigeria. Seeds presented by A. Royer, Waka via Biu. Received March 27, 1960.

264390. Unnamed.**264391.** Unnamed.**264392 to 264397.** SORGHUM BICOLOR (L.) Moench

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received March 27, 1960.

264392. No. 1032. I.C. 1517. 'Early Prodigy'.**264393.** No. 1038. I.C. 3563. 'Verawal Dholio'.**264394.** No. 1052. 'Guntur 3'.**264395.** No. 1056. 'Chhatio 10-2'.**264396.** No. 1148. 'Guntur 4'.**264397.** No. 1150. I.C. 2402. Type 263.**264398 to 264412.**

From Argentina. Seeds presented by the Agricultural Experiment Station, Canadon Leon. Received March 27, 1960.

264398 to 264412—Continued

264398. *AGROPYRON PATAGONICUM* (Speg.) Parodi Poaceae.

C.L. 43.

264399. *AGROPYRON REMOTIFLORUM* Parodi

C.L. 44.

264400 and 264401. *BROMUS MACRANTHOS* Desv. Poaceae.

264400. C.L. 47.

264401. C.L. 54.

264402. *ELYMUS ERIANTHUS* R.A. Phil. Poaceae.

C.L. 46.

264403. *ELYMUS PATAGONICUS* Speg.

C.L. 49.

264404 and 264405. *HORDEUM COMOSUM* Presl Poaceae.

264404. C.L. 51.

264405. C.L. 53.

264406. *POA LANUGINOSA* Poir. Poaceae.

C.L. 57.

264407. *POA LIGULARIS* (Nees) Steud.

C.L. 56.

264408. *STIPA DIEGONENSIS* Swallen Poaceae.

C.L. 50.

264409. *STIPA HUMILIS* Brot.

C.L. 48.

264410. *STIPA IBARI* R.Phil.

C.L. 55.

264411. *STIPA NEAEI* (Nees) Steud.

C.L. 45.

264412. *STIPA PSYLANTHA* Speg.

C.L. 52.

264413 and 264414. *SACCHARUM* (hybrids). Poaceae.

Sugarcane.

From Puerto Rico. Cuttings presented by the Agricultural Experiment Station, Rio Piedras. Received March 27, 1960.

264413. P.R. 1028.

264414. P.R. 1048.

264415 to 264420.

From the United States. Plants collected by H. S. Gentry and A. S. Barclay, agricultural explorers, Crops Research Division, Plant Industry Station, Beltsville, Md. Received March 27, 1960.

264415. *AGAVE WISLIZENI* Salm-Byck. Amaryllidaceae.

Col. No. 18414. Farm road 649, seven meters north of Route 83, Star County, Rio Grande City, Texas. Large suckering, big-headed maguey; rosettes ashy glaucous to yellowish green, 1.5 by 1.5 meters; leaves few, coarse, guttered, dark plicate, 1 meter by 20 cm., with deflected teats; teeth strong; panicles to 7 meters high; laterals to 35 cm. long, terminal third of shaft.

264415 to 264420—Continued

264416. AGAVE sp.

Col. No. 18411. Ringold Park, Brownsville, Texas. Plant slender, freely surculose, open; rosettes green glaucous, 7 by 9 dm.; leaves narrow, openly ascending, toothless, irregular or regularly-toothed, turgid, brittle, rounded, thicker than wide at base; panicles to 3 meters high; flowers on upper two-thirds.

264417. AGAVE sp.

Col. No. 18416. Along Highway 83, 10 km. west of Rio Grande City, Texas. Plant large maguey; rosettes 2 by 1.8 meters; leaves broad, graceful ascending, with regular teeth. Cultivated as a hedge plant.

264418. MANFREDA sp. Amaryllidaceae.

Col. No. 18417. Highway 83, 10 km. west of Sullivan City, Starr County, Texas. Small single rosette with browsed leaves.

264419 and 264420. RUNYONIA LONGIFLORA Rose Amaryllidaceae.

264419. Col. No. 18412. 'Huaco. North of school at La Jolla, Hidalgo County, Texas. Rosette small, irregular, single; leaves dark, obscurely spotted, brittle, weak, fine-toothed.

264420. Col. No. 18415. Along Highway 83, northwest of Roma, Texas. Single rosette; leaves dark green spotted, declining.

264421. CASSIA JAVANICA L. Caesalpinaceae.

From Brazil. Seeds presented by the Instituto Agronomico do Estado de Sao Paulo, Campinas. Received March 27, 1960.

264422. FESTUCA RUBRA var. LITORALIS G. Meyer Poaceae.

From Germany. Seeds presented by the Land Reclamation Bureau, Hallig Island, North Friesland. Received March 27, 1960.

Salt marsh grass.

264423 to 264426.

From Japan. Seeds presented by the Chugai Nursery Company, Yamamoto. Received March 27, 1960.

264423. ENKIANTHUS CERNUUS (Sieb. & Zucc.) Makino Ericaceae.

'Rubrum'

264424. MAGNOLIA CAMPBELLII Hook. f. & Thomas. Magnoliaceae.

264425. PINUS KORAIENSIS Sieb. & Zucc. Pinaceae. Korean pine.

264426. PINUS PARVIFLORA Sieb. & Zucc. Japanese white pine.

264427 to 264444.

From Greece. Seeds presented by the Institute of Plant Breeding, Thessalonike.

Received March 27, 1960.

264427 to 264429. AVENA SATIVA L. Poaceae. Common oats.

264427. G-17644.

264428. G-46832.

264429. G-49970.

264430 to 264432. HORDEUM VULGARE L. Poaceae. Barley.

264430. G-1979.

264431. G-47014.

264432. G-58175.

264427 to 264444—Continued

264433 to 264444.	TRITICUM AESTIVUM L.	Poaceae.	Common wheat.
264433.	G-5770.	264439.	G-46713.
264434.	G-13181.	264440.	G-58128.
264435.	G-17859.	264441.	G-58301.
264436.	G-38290.	264442.	G-58383.
264437.	G-46025.	264443.	G-59132.
264438.	G-46049.	264444.	G-61450.

264445 to 264460. SORGHUM BICOLOR (L.) Moench. Poaceae.

From Spain. Seeds presented by the Nacional de Investigaciones Agronomicas, Madrid. Received March 27, 1960.

264445.	No. 1.	Anover de Tajo, Toledo.
264446.	No. 2.	Anover de Tajo, Toledo. Seed light red.
264447.	No. 3.	Montellano, Sevilla.
264448.	No. 4.	Montellano, Sevilla. Seed black.
264449.	No. 5.	Ciudad Real.
264450.	No. 6.	Ciudad Real. Seed white.
264451.	No. 7.	Ciudad Real. Tall type.
264452.	No. 8.	Paradas, Sevilla.
264453.	No. 9.	Fuenteovejuna, Cordoba.
264454.	No. 10.	Valdepenas, Ciudad Real.
264455.	No. 11.	Montilla, Cordoba.
264456.	No. 12.	Canete de las Torres.
264457.	No. 13.	Arjonilla, Jaen.
264458.	No. 14.	Arenas de San Juan, Ciudad Real.
264459.	No. 15.	Arenas de San Juan, Ciudad Real. Seed black.
264460.	No. 16.	Jerez de los Caballeros, Badajoz.

264461 to 264516. SORGHUM BICOLOR (L.) Moench Poaceae.

From East Africa. Seeds presented by the Agriculture and Forestry Research Organization, Soroti, Uganda. Received March 27, 1960.

From Serere, Uganda.

264461.	No. A3.	Busoga. Gooseneck. Plant to 7 feet high; maturity 150 days.
264462.	No. B7.	Acholi. Plant to 7 feet high; maturity 150 days; ratoon type.
264463.	No. B9.	Acholi. Plant to 9 feet high; maturity 120 days; stem sweet; ratoon type.
264464.	No. C1.	From Chad. Plant to 6 feet high; maturity 100 days; straw stiff; grain large.
264465.	No. C5.	From Chad. Plant to 6 feet high; maturity 100 days.
264466.	No. C7.	From Chad. Plant to 5 feet high; maturity 100 days; straw stiff.
264467.	No. C8.	From Chad. Plant to 6 feet high; maturity 110 days.
264468.	No. C9.	From Chad. Plant to 6 feet high; maturity 110 days.
264469.	No. C21.	From Chad. Plant to 6 feet high; maturity 115 days.
264470.	No. J27.	Karamoja. Plant to 6 feet high; maturity 110 days.

264461 to 264516—Continued

264471. No. J56. Karamoja. Plant to 9 feet high; maturity 150 days; stem thick.
264472. No. J73. Karamoja. Plant to 9 feet high; maturity 130 days.
264473. No. KA2. Kawanda, Buganda. Plant to 5 feet high; maturity 110 days.
264474. No. L28. Lango. Plant to 6 feet high; maturity 110 days.
264475. No. L33. Lango. Plant to 6 feet high; maturity 110 days.
264476. No. T11. Teso. Plant to 8 feet high; maturity 120 days.
264477. No. T15. Teso. Plant to 10 feet high; maturity 120 days.
264478. No. T32. Teso. Plant to 6 feet high; maturity 110 days; seeds twin.
264479. Eideidei. Teso. Plant to 8 feet high; maturity 120 days.
264480. No. W4. West Nile. Plant to 8 feet high; maturity 110 days.
264481. No. W5. West Nile. Plant to 8 feet high; maturity 120 days.
264482. No. W11. West Nile. Plant to 8 feet high; maturity 120 days; ratoon type.
264483. No. C13. From Chad. Plant to 10 feet high; maturity 100 days; glumes large.

From Ukiriguru. Good straw varieties.

264484. No. SB36. From Kuya, Tanganyika. Plant to 4.5 feet high; maturity 160 days; stem thick.
264485. No. SB63. 0/1239. Selection from 'Dobbs'. Plant to 3 feet high; maturity 120 days.
264486. No. SB66. 0/1247 × P 127. From Swaziland selection. Plant to 2.5 feet high; maturity 110 days.
264487. No. SB68. 0/1224 × P 127. From Swaziland selection. Plant to 4.5 feet high; maturity 110 days.
264488. No. SB77. 0/1216 × P 127. From Swaziland selection. Plant to 3 feet high; maturity 110 days.
264489. No. SB79. 0/1252 × P 127. From Swaziland selection. Plant to 3 feet high; maturity 110 days.
264490. No. SB95. 'Dobbs'. From Kenya. Plant to 4.5 feet high; maturity 120 days.
264491. No. SB97. P 41 Cross. From Swaziland selection. Plant to 4.5 feet high; maturity 110 days.
264492. No. SB100. P 41 Cross. From Swaziland selection. Plant to 3 feet high; maturity 110 days.
264493. No. SB101. P 41 Cross. From Swaziland selection. Plant to 5 feet high; maturity 110 days.

Yellow grain varieties.

264494. No. SB143. From Korgi, Sudan. Plant to 5 feet high; maturity 130 days; stem curved.
264495. No. SB227. From Behan Souk, Aden. Plant to 6 feet high; maturity 120 days.
264496. No. SB230. From Behan, Aden. Plant to 6 feet high; maturity 120 days.

Large glume varieties.

264461 to 264516—Continued

264497. From Tjolotjo, Rhodesia.

264498. From Feki Mustahe, Sudan.

Selections from 'Feki Mustahe' crosses.

264499. 56 × 53/F2/2/2. 264501. 56 × 53/F2/6/2.

264500. 56 × 53/F2/2/1. 264502. 56 × 53/F2/6/3.

Selections from large glume crosses.

264503. Large glume bulk; grain white.

264504. Large glume bulk; grain colored.

264505. BC2DDSBCW. Large glumes.

264506. 55 × crosses.

264507. 56 × crosses.

264508. 54 × crosses. (Large glume bulk from Mb. II)

Miscellaneous selections.

264509. No. SB40. 'Nunabe'. From Ghana. Plant to 7 feet high; maturity 130 days; possibly midge resistant.

264510. No. SB48. 'Peto'. From Ghana. Plant to 8.5 feet high; maturity 130 days.

264511. No. SB117. 'Msumbij'. From Tanganyika. Plant to 8 feet high; maturity 170 days; grain very hard.

264512. No. SB245. Selection. Plant to 4.5 feet high; maturity 120 days.

264513. No. SB258. Selection. Plant to 4.5 feet high; maturity 120 days.

264514. No. SB431. 'Mtama 38'. From Kenya. Plant to 6.5 feet high; maturity 120 days.

264515. No. SB42B. Selection. Plant to 6.5 feet high; maturity 120 days.

264516. No. SB209. 'Belko'. From Ghana. Plant to 7 feet high; maturity 140 days; all weather grain.

264517 to 264537.

From the Netherlands. Plants purchased from the Old Farm Nurseries, Boskoop. Received March 28, 1960.

264517. *CYTISUS ELONGATUS* Waldst. & Kit. Fabaceae.

264518. *CYTISUS NIGRICANS* L.

Spike broom.

264519 and 264520. *CYTISUS SCOPARIUS* (L.) Link

Scotch-broom.

264519. 'Criterion'.

264520. 'Daisy Hill Splendens'.

264521. *CYTISUS* × *DALLIMOREI* Rolfe

264522 to 264526. *CYTISUS SCOPARIUS* (L.) Link

Scotch-broom.

264522. 'Donard Seedling'.

264525. 'Golden Sunlight'.

264523. 'Dragonfly'.

264526. 'Goldfinch'.

264524. 'Fulgens'.

264527. *CYTISUS* (hybrid)

'Hollandia'.

264517 to 264537—Continued

- 264528 to 264537.** *CYTISUS SCOPARIUS* (L.) Link **Scotch-broom.**
 264528. 'Jubilee'. **264533.** 'Newry Seedling'.
 264529. 'Killiney Red'. **264534.** 'Queen Mary'.
 264530. 'Lord Lambourne'. **264535.** 'Red Wings'.
 264531. 'Moonlight'. **264536.** 'Windlesham Ruby'.
 264532. 'Newry Gold'. **264537.** 'Zeelandia'.

264538 to 264541. *PENNISETUM PURPUREUM* Schum. **Poaceae.**
Napiergrass.

From the Belgian Congo. Cuttings presented by the National Institute of Agronomy, Station de Rubona. Received March 28, 1960.

- 264538.** IAR 252. From French Cameroons.
264539. IAR 253. From Uganda. Hairless.
264540. IAR 255. 'Lignee'. From Cameroons.
264541. IAR 256. 'Lignee'. From Gold Coast.

264542. *GOSSYPIUM* sp. **Malvaceae.**

From Samoa. Seeds presented by R. E. V. Parham, Apolima Island. Received March 28, 1960.

No. 9610. High ridge, Leaga. Indigenous dwarf shrub.

264543. *DAUCUS CAROTA* L. **Apiaceae.** **Carrot.**

From Japan. Seeds presented by the Fujita Seed Company, Osaka. Received March 28, 1960.

'Kintoki'. Purple type; grows well in subtropics.

264544 to 264546.

From Kenya. Seeds presented by the Grasslands Research Station, Kitale. Received March 28, 1960.

264544. *HYPARRHENIA HIRTA* (L.) Stapf **Poaceae.**
No. K 50192.

264545 and 264546. *HYPARRHENIA LINTONII* Stapf.

264545. No. K 5130.

264546. No. K 52352. Small type.

264547. *ALOPECURUS ARUNDINACEUS* Poir. **Poaceae.**

From Sweden. Seeds presented by the Hortus Botanicus Universitatis, Uppsala. Received March 28, 1960.

Blekinge Province.

264548. *LYCOPERSICON ESCULENTUM* Mill. **Solanaceae.** **Tomato.**

From Chile. Seeds presented by the United States Operations Mission, Santiago. Received March 28, 1960.

'Limachino'. Campex Los Andes, Praviene de Limache, probably from Italy. Early variety; fruit red, good flavor and shipper; locules vary.

264549. *ARACHIS HYPOGAEA* L. **Fabaceae.** **Peanut.**

From Israel. Seeds presented by the Agricultural Research Station, Plant Introduction Service. Rehovot.

No. 123.

264550 and 264551.

From Guatemala. Seeds presented by the Finca el Tambor, San Sebastian, Retalhulen. Received March 28, 1960.

264550. CUCURBITA FICIFOLIA Bouche. Cucurbitaceae. **Alcallota.**

'Chilicayote'. Short day, cool climate plants; fruits smooth, glossy, resembling citron. Made into confections.

264551. CUCURBITA MOSCHATA Duchesne Cucurbitaceae. **Cushaw.**

'Guicoy'. Gutemala highlands. Resembles the 'Butternut' squash. Eaten when young or mature.

264552 to 264554.

From Japan. Seeds presented by the Kyushu University, Fukuoka. Received March 28, 1960.

264552. ILEX PURPUREA var. OLDHAMII (Miq.) Loes. Aquifoliaceae.

From Fukuoka.

264553. PYRACANTHA ANGUSTIFOLIA (Franch.) C. Schmeid. Malaceae. **Narrowleaf firethorn.**

From Fukuoka.

264554. SCIADOPITYS VERTICILLATA (Thunb.) Sieb. & Zucc. Pinaceae. **Umbrella-pine.**

From Wakayama Pref.

264555. GLYCINE MAX (L.) Merrill Fabaceae. **Soybean.**

From Argentina. Seeds presented by the Pergamino Experiment Station, Pergamino. Received March 23, 1960.

F.A.V. 24-3.

264556 to 264559. MALUS SYLVESTRIS Mill. Malaceae. **Apple.**

From Great Britain. Scions presented by the National Fruit Trials, Faversham, Kent, England. Received March 30, 1960.

264556. 'Coe's Golden Drop'. **264558.** 'Kerry Pippin'.

264557. 'Kerry Pippin'. **264559.** 'Sam Young'.

264560 to 264592.

From Great Britain. Plants purchased from Hillier and Sons, Winchester, England. Received March 30, 1960.

264560. CAMELLIA HETEROPHYLLA Hu Theaceae.

'Barbara Hillier'.

264561. CAMELLIA TALIENSIS (W.W.Sm.) Melch.

264562. CAMELLIA TSAI Hu

264563 to 264566. CAMELLIA × WILLIAMSII W.W.Smith

264563. 'Coppelia'. **264565.** 'Hiraethyla'.

264564. 'Elizabeth Rothschild'. **264566.** 'St. Ewe'.

264567 and 264568. CAMELLIA (hybrid).

264567. 'Cornish Snow Michael'.

264568. 'Winton'.

264569. CLEMATIS CAMPANIFLORA Brotero Ranunculaceae.

264570. CLEMATIS CIRRHOSA L.

264571. CLEMATIS INTEGRIFOLIA L.

264572. CLEMATIS FINETIANA Leveille & Vaniot

264573. CLEMATIS GENTIANOIDES DC.

264560 to 264592—Continued

264574. *CLEMATIS GLAUCA* var. *AKEBIOIDES* (Maxim.) Rehd & Wils.
 264575. *CLEMATIS MEYENIANA* Walpers
 264576. *CLEMATIS NAPAULENSIS* DC.
 264577. *CLEMATIS UNCINATA* Champ.
 264578. *CLEMATIS* × *AROMATICA* Lenne & Koch
 264579. *CLEMATIS* × *JACKMANII* Th. Moore **Jackman clematis.**
 'Alba'.
 264580. *CLEMATIS* × *TRITERNATA* DC.
 'Violacea Rubra-marginata'.
 264581. *CLEMATIS* × *VEDRARIENSIS* Vilmorin
 264582. *CLEMATIS* (hybrid).
 'Gravetye Beauty'.
 264583. *CLEMATOCLETHRA LASIOCLADA* Maxim. Dilleniaceae.
 264584. *CLEMATOCLETHRA STRIGILLOSA* Franch.
 264585. *MAGNOLIA SPRENGERI* Pampanini Magnoliaceae.
 'Diva'.
 264586. *MAGNOLIA* × *THOMPSONIANA* (Loud.) C. de Vos
 264587. *MAGNOLIA* × *PROTORIANA* Rehd.
 264588. *PLAGIANTHUS BETULINUS* A. Cunn. Malvaceae.
 264589. *PLAGIANTHUS DIVARICATUS* Forst.
 264590. *PYRACANTHA* sp. Malaceae.
 264591. *SKIMMIA JAPONICA* var. *VEITCHII* (Carr.) Rehder Rutaceae.
 264592. *SKIMMIA LAUREOLA* (DC.) Sieb. & Zucc.
- 264593 to 264597. HUMULUS LUPULUS L. Moraceae.**
Common hop.
 From Japan. Plants presented by the Daiichi Seed Company, Tokyo. Received March 31, 1960.
- | | |
|------------------------------|--|
| 264593. No. 1. WJ-1. Female. | 264596. No. 4. WJ-2. Male. |
| 264594. No. 2. WJ-2. Female. | 264597. No. 5. 'Shinshuwase'.
Female. |
| 264595. No. 3. WJ-1. Male. | |
- 264598 to 264601. SACCHARUM (hybrids). Poaceae. Sugarcane.**
 From Australia. Cuttings presented by the Bureau of Sugar Export, Cairns. Received April 1, 1960.
- | | |
|---------------------|--------------------|
| 264598. 57 NG 246.4 | 264600. 57 NG 195. |
| 264599. 57 NG 183. | 264601. 57 NG 196. |
- 264602. DIOSCOREA FLORIBUNDA Mart. & Gal. Dioscoreaceae.**
Yam.
 From Mexico. Seeds presented by the United States Embassy, Mexico City. Originally grown in Guatemala. Received April 1, 1960.
- 264603 to 264610.**
 From Costa Rica. Seeds presented by the Instituto Inter-Americano de Ciencias Agricolas, Turrialba. Received April 1, 1960.
- | | |
|--|-------------------|
| 264603 to 264606. PHASEOLUS LUNATUS L. Fabaceae. | Lima bean. |
| 264603. No. 3. Canas, Guanacaste, Pacific slope. Elevation 325 feet. Vines in clearings, along roads and in brushland. | |

264603 to 264610—Continued**264603 to 264606—Continued**

264604. No. 4. Canas, Guanacaste, Pacific slope. Elevation 325 feet. Vines in clearings, along roads and in brushland.

264605. No. 6. Mercedes, north of Heredia, central region. Elevation 3,575 feet. Plants on fences and along streamsides.

264606. Liberia, Guanacaste. Elevation 500 feet. Vines in clearings, along roads and in brushland.

264607 to 264610. PHASEOLUS POLYSTACHIOS (L.) B.S.P. Fabaceae.

264607. No. 1. Canas, Guanacaste, Pacific slope. Elevation 325 feet. Vines in clearings, along roads and in brushland.

264608. No. 2. Canas, Guanacaste, Pacific slope. Elevation 325 feet. Vines in clearings, along roads and in brushland.

264609. No. 5. Canas, Guanacaste, Pacific slope. Elevation 325 feet. Vines in clearings, along roads and in brushland.

264610. No. 7. Mercedes, north of Heredia, central region. Elevation 3,575 feet. Plants on fences and along streamsides.

264611 to 264620. GOSSYPIUM (hybrids). Malvaceae. Cotton.

From Peru. Seeds presented by the Institute of Genetics, Society Nacional Agraria, Lima. Received April 1, 1960.

264611. SNA 2735. 'Chacacerro'.

264612. SNA 4810. Origen LM-7-35.

264613. SNA 6110. Origen LM-7-35.

264614. SNA 6202. (SNA 248)

264615. SNA 6368. (SNA 248).

264616. SNA 5042. From old Harland line.

264617. SNA 6261. (1517 × 443 X-rayed) F5.

264618. SNA 6390. (1517 × SNA 443) F5.

264619. SNA 6397. (904 × 1517C) F5.

264620. SNA 6400. (904 × 1517C).

264621 to 264632. ALLIUM CEPA L. Liliaceae. Onion.

From Germany. Seeds presented by the Institut für Gärtnerei und Pflanzenzucht der Technischen Hochschule, Hannover. Received April 1, 1960.

264621. 'Birnförmige'.

264622. 'Bronzekugel'.

264623. 'Dursu'. From Turkey.

264624. 'Early Wonder'.

264625. 'Karacabey'. From Turkey.

264626. 'Mustafa Kenal'. From Turkey.

264627. 'Obrovska Zluta'. From C.S.R.

264628. 'Onion Pusa Red'. From India.

264629. 'Rijnsburger'. From Netherlands.

264630. 'Weisse Frühlingszwiebel'. From Netherlands.

264631. 'Wolska Hosera'. From Poland.

264632. 'Zittauer Gelbe'. From Netherlands.

264633 to 264646.

From Belgium. Seeds presented by the Station de Recherches de l'Etat pour l'Amelioration des Plantes de Grande Culture, Gembloux. Received April 1, 1960.

- 264633 to 264638. *AVENA SATIVA* L. Poaceae. **Common oats.**
 264633. 'Altesse Jaune'.
 264634. 'Blanche du Vieux Moulin'.
 264635. 'Confiance'.
 264636. 'Espoir de Gembloux'.
 264637. 'Vedette'.
 264638. 'Vigor'.
 264639. *HORDEUM VULGARE* L. Poaceae. **Barley.**
 'Manon'. Winter barley.
 264640 to 264646. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**
 264640. 'Jufy I'. Spring wheat.
 264641. 'Jufy II'. Spring wheat.
 264642. 'Directeur Journee'. Winter wheat.
 264643. 'Fleuron'. Winter wheat.
 264644. 'Hesbignon'. Winter wheat.
 264645. 'Professeur Marchal'. Winter wheat.
 264646. 'Stella'. Winter wheat.

264647 to 264671.

From Germany. Seeds presented by Julius Wagner, Heidelberg. Received April 1, 1960.

- 264647 to 264650. *ALLIUM CEPA* L. Liliaceae. **Onion.**
 264647. 'Zwiebeln Stuttgarten, Riesen'. No. 6291/18.
 264648. 'Zwiebeln Stuttgarten, Riesen'. No. 6291/19.
 264649. 'Zwiebeln Zittauer Gelbe'. No. 7272.
 264650. 'Zwiebeln Zittauer Gelbe'. No. 7281.
 264651 to 264658. *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. **Cauliflower.**
 264651. No. 321. 264655. No. 5061.
 264652. No. 5056. 264656. No. 5063.
 264653. No. 5057. 264657. No. 5064.
 264654. No. 5058. 264658. No. 5069.
 264659 to 264662. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
 264659. 'Paprika Elefantenrussel'.
 264660. 'Paprika Fruhzauber'.
 264661. 'Paprika Liebesapfel'.
 264662. 'Paprika Tascheuformiger'.
 264663. *CICHORIUM ENDIVIA* L. Cichoriaceae. **Endive.**
 'Winterendivien Escariol Gruner'.
 264664 to 264668. *CUCUMIS SATIVUS* L. Cucurbitaceae. **Cucumber.**
 264664. 'Landgurken Delikaress'. No. 4596.
 264665. 'Landgurken Delikaress'. No. 4607.

264647 to 264671—Continued**264664 to 264668—Continued**

264666. 'Landgurken Delikaress'. No. 4608.

264667. 'Landgurken Vorgebirgstrauben'. No. 9228.

264668. 'Landgurken Vorgebirgstrauben'. No. 9230.

264669. *DAUCUS CAROTA* L. Apiaceae. Carrot.
'Mohren Bauers Kieler Dunkelorange'.264670 and 264671. *LACTUCA SATIVA* L. Cichoriaceae. Lettuce.

264670. 'Winterkopfsalat Maiwunder'. No. 5190.

264671. 'Winterkopfsalat Maiwunder'. No. 5191.

264672 to 264679.

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received April 1, 1960.

264672 to 264675. *AVENA SATIVA* L. Poaceae. Common oats.

264672. N.P. Hybrid 1. 264674. N.P. 2.

264673. N.P. Hybrid 3. 264675. X-27.

264676 to 264679. *HORDEUM VULGARE* L. Poaceae. Barley.

264676. N.P. 13. 264678. K. 251.

264677. N.P. 21. 264679. C. 138-2.

264680. *FRAGARIA* (hybrid). Rosaceae.

From Germany. Plants presented by R. von Sengbusch, Hamburg. Received April 6, 1960.

'Senga Sengana'.

264681. *RUBUS GEOIDES* J. E. Smith. Rosaceae. Frutilla.

From Peru. Plants presented by the United States Operations Mission, Lima. Received April 7, 1960.

264682. *SACCHARUM* (hybrid). Poaceae. Sugarcane.

From the British West Indies. Cuttings presented by the Cane Breeding Station, Barbados. Received April 7, 1960.

B 45105.

264683. *PYRACANTHA FORTUNEANA* (Maxim.) Li Malaceae.

From the Netherlands. Plants presented by the Old Farm Nurseries, Boskoop. Received April 7, 1960.

'Orange Glow'.

264684. *FIGUS COCCULIFOLIA* Baker Moraceae.

From Madagascar. Seeds presented by I. J. Condit, Citrus Experiment Station, Riverside, California. Received April 7, 1960.

From Madagascar, where the species is said to be used as a rootstock for *F. carica*.264685. *CUCUMIS MYRIOCARPUS* Naud. Cucurbitaceae.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received April 7, 1960.

'Prickly Paddy Melon'. Collected at sand dumps grounds. An annual weed, reputedly poisonous to stock.

264686. PHASEOLUS AUREUS Roxb. Fabaceae. Mung bean.

From the Philippines. Seeds presented by the Economic Garden, Los Baños, Laguna. Received April 7, 1960.

264687 to 264700.

From Yugoslavia. Scions presented by the United States Operations Mission, Belgrade. Received March 25, 1960.

264687 to 264693. MALUS SYLVESTRIS Mill. Malaceae. Apple.

264687. 'Alamaka'. From Macedonia. Tree vigorous, productive; fruit medium size, round conic, smooth, sweet, mostly red; keeping qualities good.

264688. 'Champagne Reinette'. Old European variety. Fruit yellow with few russet dots, good finish.

264689. 'Djulabia'. Balkan variety. Tree vigorous, productive, alternate bearing when in low vigor, late flowering, late leaf drop; fruit medium to large, yellow and red, smooth, but with conspicuous spots and scurfskin, sweet; flesh white, tough at harvest; seeds numerous. Ripens late October.

264690. 'Ljaljce'. From Kosmet. Better textured, tartier, smaller, but otherwise similar to 'Red Rome'. Fruit has good finish, with some russet, keeps in common storage until January.

264691. 'Maribor No. 2439'. 'Crown Prince Rudolf' × 'James Grieve'. Fruit medium size, late maturing; skin highly glossy, yellow white, with slight russet.

264692. 'Red Belflower'. Late-flowering and late-maturing variety; fruit red striped.

264693. 'Sumatooka'. Yugoslavian variety. Fruit small long conic, medium dark red with good finish; flesh white, moderately tough at harvest. Keeps until February in common storage.

264694 to 264700. PYRUS COMMUNIS L. Malaceae.

264694. 'Arganche'. Macedonian variety; ripens late July; quality good.

264695. 'Coloree de Juillet'. Old European variety ripening mid-July.

264696. 'Lubenicarka'. Serbian variety. Fruit pyriform, ripens in August; flesh red, granular.

264697. 'Mustabej'. Macedonian variety. Fruit red blushed, ripens early August.

264698. 'Sommer Muskatel Birne'. Old European variety; ripens July.

264699. 'Williams Precoce Morettini'. 'Williams' × 'Citron de Carmes'. Fruit slightly irregular, short conic, medium to large, green; flesh slightly granular, does not break down as quickly as 'Clapp's Favorite'.

264700. 'Vidovaca'. Yugoslavian variety. Fruit ripens mid-June, to 1.5 inches long, yellow; flesh smooth; stone cells few; drops at maturity and breaks down fast.

264701 to 264730.

From Peru. Tubers collected by D. S. Correll, collaborator, Crops Research Division, Plant Industry Station, Beltsville, Md. Received April 7, 1960.

264701. SOLANUM ACAULE Bitter Solanaceae.

Col. No. P-863. Six km. from entrance to Hacienda Porcon, Cajamarca Department. Elevation 3,300 meters.

264702 to 264730. SOLANUM sp.

264702. Col. No. P-722. Near Km. 110, above Rio Blanca, Lima Dept. Elevation 3,550 meters.

264701 to 264730—Continued**264702 to 264730—Continued**

- 264703.** Col. No. P-724. Km. 120, below Casapalca, Lima Dept. Elevation 3,750 meters.
- 264704.** Col. No. P-726. Midway between La Oroya and Paccha, Junin Dept. Elevation 3,750 meters.
- 264705.** Col. No. P-728. Huari, Junin Dept. Elevation 3,650 meters.
- 264706.** Col. No. p-729. Purchased in Huancayo market. Grown in forested mountain area east of city.
- 264707.** Col. No. 730. Purchased in Huancayo market. Said to be grown near Puno.
- 264708.** Col. No. P-731. Near Huancayo, Junin Dept. Elevation 3,550 meters.
- 264709.** Col. No. P-752.
- 264710.** Col. No. P-827. Forty-six km. from Olmos, road to Jaen, Lambayeque Dept. Elevation 2,150 meters.
- 264711.** Col. No. P-840. Forty-three km. from Cajamarca, road to Chilete, Cajamarca Dept. Elevation 1,950 meters.
- 264712.** Col. No. P-848. Twenty-nine km. from Cajamarca road to Chilete, Cajamarca Dept. Elevation 2,650 meters.
- 264713.** Col. No. P-854. Fifteen km. from Cajamarca, road to Bambamarca, Cajamarca Dept. Elevation 3,000 meters.
- 264714.** Col. No. P-880. Cajamarca market, Cajamarca Dept. Grown in mountains above city.
- 264715.** Col. No. P-881. Cajamarca market, Cajamarca Dept. Grown in mountains above city.
- 264716.** Col. No. P-914. Cajamarca market, Cajamarca Dept.
- 264717.** Col. No. P-296. Huamachuco market, La Libertad Dept.
- 264718.** Col. No. P-927. Huamachuco market, La Libertad Dept.
- 264719.** Col. No. P-928. Huamachuco market, La Libertad Dept.
- 264720.** Col. No. P-929. Huamachuco market, La Libertad Dept.
- 264721.** Col. No. P-949. Several kms. below Jupash, Ancash Dept. Elevation 3,050 meters.
- 264722.** Col. No. P-950. Ancash Dept. Elevation 3,350 meters.
- 264723.** Col. No. P-951. Huaras market, Ancash Dept.
- 264724.** Col. No. P-952. Huaras market, Ancash Dept.
- 264725.** Col. No. P-954. Llanganuco-Yungay roadside, Ancash Dept. Elevation 3,300 meters.
- 264726.** Col. No. P-965. Huaras-Recuay roadside, Ancash Dept. Elevation 3,250 meters.
- 264727.** Col. No. P-867. Near Recuay-Chavin pass, Ancash Dept. Elevation 4,100 meters.
- 264728.** Col. No. P-970. Near Recuay-Chavin pass, Ancash Dept. Elevation 4,150 meters.
- 264729.** Col. No. P-974. Several km. below Conococha, road to coast, Ancash Dept. Elevation 3,900 meters.
- 264730.** Col. No. P-976. Near Km. 306, road from Conococha to coast. Elevation 3,700 meters.

264731 to 264741. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Greece. Seeds obtained through the World Collection Small Grains Office. Received April 11, 1960.

264731. I 673. 38290. 'Quality' × 'Rieti'.
 264732. I 674. 46025-2632. 'Quality' × 'Rieti'.
 264733. I 675. 51363-10B. ('Kenya C6042' × 'Dux') × 'Quaderna'.
 264734. I 676. 52771-22. 'Mentana' × ('Kenya C6042' × ('Canberra' × 'Grinias')).
 264735. I 677. 57994-13H3. 'Mentana' × ('Kenya C6042' × ('Canberra' × 'Grinias')).
 264736. I 678. 58128. 'S. Capelli' × ('Limnos' ('Florence' × 'Ardito') × ('Sinai 2')).
 264737. I 679. 58383. ('Kenya C6042' × 'Dux') × 'Quaderna'.
 264738. I 680. 61450. ('Kenya C6041' × 'Mentana') × 'Quaderna'.
 264739. I 681. 61605. 'Rieti' × ('Kenya C6041' × 'Mentana').
 264740. I 682. BP-2-1. ('Quality' × 'Rieti') × 'Manitoba'.
 264741. I 683. 65712. ('Quality' × 'Rieti') × 'Kenya 58'.

264742. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From the British West Indies. Seeds presented by G. A. Beswick, Jamaica. Received April 12, 1960.

Plants upright.

264743. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Israel. Seeds presented by the Agricultural Research Station, Rehovot. Received April 13, 1960.

264744 to 264749.

From Japan. Seeds presented by the Plant Breeding Institute, Faculty of Agriculture, Hokkaido University, Sapporo. Received April 13, 1960.

- 264744 to 264746. AVENA SATIVA L. Poaceae. Common oats.
 264744. 'Hokuyo'.
 264745. 'Victory No. 1'.
 264746. 'Zensin'.
 264747 to 264749. HORDEUM VULGARE L. Poaceae. Barley.
 264747. 'Akan-mugi'. Spring type.
 264748. 'Mashu-mugi'. Spring type.
 264749. 'Rokkaku-Ozeki'. Spring type.

264750 to 264752. ORYZA SATIVA L. Poaceae.

From Venezuela. Seeds presented by the Centro de Investigaciones Agronomicas, Maracay. Received April 13, 1960.

264750. 'Campesion'.
 264751. 'Chollett'.
 264752. 'Mortuto'.

264753. CLYMENIA POLYANDRA (Tanaka) Swingle Rutaceae.

From New Guinea. Trees presented by the Department of Agriculture, Stock and Fisheries, Port Moresby, Papua. Received April 21, 1960. Grown at Kavieng, New Ireland.

264754 to 264757. FRAGARIA (hybrids). Rosaceae.

From the Netherlands. Plants presented by the Institut voor Veredeling van Tuinbouwgewassen, Wageningen. Received April 18, 1960.

264754. 'Deutsch Evern'. 264756. 'Oberschlesien'.

264755. 'Madame Lefebvre'. 264757. 'Sans Rivale'.

264758 to 264763.

From Morocco. Seeds presented by the Institut Francais de Recherches Fruitieres Outre-Mer, Rabat. Received April 20, 1960.

264758 to 264760. CITRUS AURANTIFOLIA (Christm.) Swingle Rutaceae.
Lime.

264758. From Tulear, Madagascar, where the fruit is called "Citron nain de la Reunion" or dwarf lemon of the Reunion Island. Fruit is characteristic lime with many segments and seeds.

264759. From Tulear, Madagascar, where the fruit is called "Lime des 4 saisons" or everbearing lime. Fruit size between lime and lemon; tegmen maroon colored; chalazal spot deep red. Probably a lime-lemon hybrid.

264760. From Tulear, Madagascar, where the fruit is called "Lime citron a gros fruits", or large fruited lemon-lime. Fruit characteristics same as P.I. 264759, but the tegmen is clear, as in true limes, and the chalazal spot is light red. Probably a lime-lemon hybrid.

264761. CITRUS HYSTRIX DC. Rutaceae.

Collected in Nhatrang, South Vietnam from trees in the wild. *Citrus macroptera* var. *annamensis* was collected for the first time by Poilane in exactly the same area.

264762 and 264763. CITRUS (hybrids). Rutaceae.

264762. 'A'. Seeds collected in Finike, Turkey, from native varieties. This variety is locally called "A' Limon" or white lemon. A round lemon suggesting an acid lemon and Palestine sweet lime hybrid.

264763. 'Kirmisi'. Collected in Finike, Turkey, from native varieties. This variety is locally called "Kirmisi Limon" or red lemon. Has fruit characteristics between acid lemon and sweet or sour orange.

264764 and 264765.

From Great Britain. Plants presented by T. Hilling and Company, Chobham, Woking, Surrey, England. Received April 21, 1960.

264764. CLEMATIS LANUGINOSA Lindl. & Paxt. Ranunculaceae.

'Wilsonii'. Ningpo clematis.

264765. CLEMATIS (hybrid).

'Beauty of Worcester'.

264766. FESTUCA ARUNDINACEA Schreb. Poaceae. Tall fescue.

From the Netherlands. Seeds presented by the Koninkluk Kweekbedrue en Zaadhandel, Kapelle-Biezelinge. Received April 20, 1960. Grown in old pastures in southwest Holland.

264767. FAGOPYRUM ESCULENTUM Moench. Polygonaceae.

Buckwheat.

From Yugoslavia. Seeds presented by the Entreprise pour l'Exportation et l'Importation des Cereales, Belgrade. Received April 20, 1960.

264768. POA PRATENSIS L. Poaceae. Kentucky bluegrass.

From Canada. Seeds presented by Hogg and Lytle Ltd., Ontario. Received April 20, 1960.

'Atlas'.

265769. ALOPECURUS ARUNDINACEUS Poir. Poaceae.

From Portugal. Seeds presented by Institut Botanique de l'Universite, Coimbra. Received April 20, 1960.

264770 and 264771.

From Germany. Seeds presented by the Botanischer Garten der Landwirtschaftlichen Hochschule Hohenheim, Stuttgart-Hohenheim. Received April 21, 1960.

264770. AGROPYRON ELONGATUM (Host) Beauv. Poaceae.

Tall wheatgrass.

264771. ALOPECURUS PRATENSIS L. Poaceae.

Meadow foxtail.

264772. ALOPECURUS ARUNDINAEUS Poir. Poaceae.

From Germany. Seeds presented by the Deutsche Akademie der Wissenschaften zu Berlin, Institute fur Kulturpflanzenforschung, Berlin. Received April 20, 1960.

No. Gr-1034/59. Meadow, Selke-Valley, Harz Mountains.

264773 to 264776.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received April 21, 1960.

264773. NICOTIANA FRAGRANS Hook. Solanaceae.

No. Uhmp. 235451. From Australia.

264774 and 264775. NICOTIANA INGULBA J. M. Black Solanaceae.

264774. No. Uhmp. 235449. From Australia.

264775. No. Uhmp. 235450. From 200 miles north of Alice Springs, Northern Territory, Australia.

264776. NICOTIANA STENOCARPA Wheeler Solanaceae.

No. Uhmp. 235452. From Melita, Western Australia.

264777 and 264778. ALLIUM CEPA L. Liliaceae.

Onion.

From Italy. Seeds presented by the Italian Federation of Farmers' Cooperatives, Washington, D.C. Received April 21, 1960.

264777. Lot 131. 'Giulla Ramata di Milano'. From Padova.

264778. Lot. 538. 'Dorata de Parma'. From Parma.

264779 to 264783. BRASSICA OLERACEA var. ACEPHALA DC. Brassicaceae.

Kale.

From Portugal. Seeds purchased from Casa Horticola, Porto. Received April 21, 1960.

264779. No. 73. 'Tronchuda Portuguesa'. Early variety; leaves green, ready for cutting in seven weeks.

264780. No. 74. 'Tronchuda Gloria de Portugal'. Plants large, yellow.

264781. No. 75. 'Penca de Chaves'. Butter cabbage. Stems thick, fleshy, flavorful; leaves green.

264782. No. 76. 'Penca da Povia'. Excellent early variety; leaves tender; light green.

264783. No. 77. 'Penca de Mirandela'. Leaves light green, large, tender, flavorful.

264784 to 264789. PHASEOLUS VULGARIS L. Fabaceae.

Common bean.

From France. Seeds presented by the Institute National de la Recherche Agronomique, Station Centrale de Genetique et d'Amelioration des Plantes, Versailles. Received April 21, 1960.

264784 to 264789—Continued

264784. 'Canadian Wonder'.
 264785. 'Ne Plus Ultra'.
 264786. 'Nord Holland'.
 264787. 'Nord Stern'.
 264787. 'No. 22, Anthracnose resistant'.
 264789. 'Princesse Double de Hollande'.

264790. CLEMATIS FLORIDA Thun. Ranunculaceae.

From Great Britain. Plants presented by the Knight's Nurseries, Limited, Hailsham, Sussex, England. Received April 21, 1960.

'Sieboldii Superba'.

264791 to 264807.

From Switzerland. Seeds presented by the Jardin Botanique de la Ville de Geneve, Geneve. Received April 21, 1960.

264791. ALLIUM CERNUUM Roth. Liliaceae. **Nodding onion.**
 264792. ALLIUM DECIPIENS Fisch.
 264793. ALLIUM GIGANTEUM Regel
 264794. ALLIUM KARATAVIENSE Regel
 264795. ALLIUM MOLY L. **Lily leek.**
 264796. ALLIUM MOLY var. BULLIFERUM Rovy.
 264797. ALLIUM NARCISSIFLORUM Vill.
 264798. ALLIUM OCHROLEUCUM Waldst. & Kit.
 264799. ALLIUM ODORUM L.
 264800. ALLIUM OREOPHILUM Meyer
 264801. ALLIUM SCHOENOPRASUM L. **Chives.**
 264802. ALLIUM SCHOENOPRASUM var. ALPINUM Hort.
 264803. ALLIUM SENESCENS L.
 264804. ALLIUM TUBEROSUM Rottl.
 264805 and 264806. ALLIUM VICTORIALIS L.
 264805. No varietal name.
 264806. 'Ricolte valaes'.
 264807. ALLIUM ZEBDANENSE Boiss. & Noe.

264808 to 264815.

From India. Seeds presented by the Botanical Survey of India, Calcutta. Received April 22, 1960.

264808. CLEMATIS BUCHANIANA DC. Ranunculaceae.
 264809. CLEMATIS GRATA Wall. **Himalayan clematis.**
 264810. CLEMATIS GRAVEOLENS Lindl.
 264811. LAGERSTROEMIA PARVIFLORA Roxb. Lythraceae.
 264812. RHODODENDRON ARBOREUM J. E. Smith Ericaceae. **Tree rhododendron.**
 264813. VIBURNUM COTINIFOLIUM D. Don Caprifoliaceae.
 264814. VIBURNUM STELLULATUM Wall. ex DC.
 264815. VITEX NEGUNDO L. Verbenaceae.

264816 to 264818. ORYZA SATIVA L. Poaceae.

From Pakistan. Seeds presented by the Food and Agriculture Organization of the United Nations, Rome. Received April 22, 1960.

Short season varieties (100-120 days), Aus rice group. Most are nonphotosensitive, drought resistant, low-yielding varieties.

264816. 'Dharial'. (AUS Paddy).

264817. 'Dular'. (AUS Paddy).

264818. 'Hashikalmi'. (AUS Paddy).

264819. GLYCINE JAVANICA L. Fabaceae.

From Peru. Seeds presented by the International Cooperation Administration, Institute of Inter-American Affairs, Division of Agricultural Development, Lima. Received April 22, 1960. Collected at Tingo Maria.

264820. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From France. Seeds presented by the Museum National d'Histoire Naturelle, Paris. Received April 22, 1960.

264821. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From Germany. Seeds presented by the Botanischer Garten, Hamburg. Received April 22, 1960.

No. 34.

264822 and 264823.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received April 22, 1960.

264822. ALOPECURUS ARUNDINACEUS Poir. Poaceae.

No. 21928. From Italy.

264823. ALOPECURUS PRATENSIS L. Poaceae.

Meadow foxtail.

No. 21073. From Czechoslovakia.

264824 to 264837.

From the Belgian Congo. Seeds collected by H.W. Ford, Citrus Experiment Station, Lake Alfred, Florida. Received April 25, 1960.

264824. CHAETOSPERMUM GLUTINOSUM (Blanco) Swing. Rutaceae.

Col. No. 1182. Tree to 25 feet high, 22 years of age. Seed gelatinous.

264825. CITROPSIS GABUNENSIS (Engl.) Swing. & M. Kell. Rutaceae.

Col. No. 1185. Yombi Forest, 82 miles southwest of Thysville, near the Congo River. Trees vinelike, to 20 feet high; leaves 5- to 7-foliolate; fruit to one inch in diameter, with one to four seeds; pulp gelatinous.

264826. CITROPSIS GILLETIANA Swing. & M. Kell.

Col. No. 1194. Forest along the Ngombe river, near Mvuazi. Tree to 23 feet high; leaves 3- to 5-foliolate; fruit one inch, with one to three large, smooth seeds; pulp sticky, gelatinous.

264827. CITROPSIS LATIALATA (Wildem.) Swing. & M. Kell.

No collectors' number. Kinganaga Forest, 27 miles southeast of Mvuazi. Leaves small, 3- to 9-foliolate.

264828. CITRUS LIMON (L.) Brum. f. Rutaceae.

Lemon.

Col. No. 1183. Used as citrus rootstock. Resembles Florida Rough Lemon. May be susceptible to Tristeza. Valencia oranges and grapefruit show severe stem pitting and decline on this rootstock after 8 to 10 years.

264829 and 264830. CITRUS RETICULATA Blanco

Mandarin orange.

264829. Col. No. 1186. 'Cape Croen Skill Mandarin'. From the citrus collection at Mvuazi. Budded on rough lemon; eight-year-old growth, upright.

264824 to 264837—Continued**264829 and 264830—Continued**

264830. Col. No. 1193. 'Bougie'. From the Mvuazi citrus collection. From Algeria. Tree resembles willowleaf mandarin; fruit small; skin thin; seeds numerous.

264831 to 264836. CITRUS SINENSIS (L.) Osbeck **Orange.**

264831. No. 1187. 'Common Riberia Orange'. From the Mvuazi citrus collection. Trees budded on rough lemon nine years old; quality poor; fruit seedy.

264832. No. 1188. 'Common Dulce Riberia'. From the Mvuazi citrus collection. Trees budded on rough lemon eight years old; fruit immature when picked; seedy.

264833. No. 1189. 'Portogalo Vaniglia'. From the Mvuazi citrus collection. Trees budded on rough lemon ten years old; fruit seedy; albedo thick, immature when picked; seeds smooth, plump.

264834. No. 1190. 'Shorney'. From the Mvuazi citrus collection. Trees budded on rough lemon 10 years old; fruit quality poor; seeds many, plump, ribbed.

264835. No. 1191. 'Ruwenzo'. From the Mvuazi citrus collection. Trees budded on rough lemon four years old; fruit seedy; seeds large, plump, ribbed.

264836. No. 1192. 'Clan William'. From the Mvuazi citrus collection. Trees budded on rough lemon four years old; fruit seedy; albedo thin.

264837. FERONIA LIMONIA (L.) Swing. Rutaceae. **Wood apple.**
From the Mvuazi citrus collection. Trees about 25 years old but fruitless until recently; fruit 2 inches in diameter; shell hard.

264838 to 265019.

From Greece, Italy, Turkey and Yugoslavia. Seeds collected by D.E. Symon, Adelaide University, and presented by the Waite Agricultural Institute, Adelaide University, Adelaide, Australia.

Collected 1956, received April 25, 1960.

264838 to 264862. AVENA SATIVA L. Poaceae. **Common oats.**

264838. Col. No. 1114. Near beach east of Herakleon, road to Malia, Crete, Greece.

264839. Col. No. 376. Thirty-four km. east of Herakleon, Malia, Crete, Greece.

264840. Col. No. 398. Below Anoyia, Crete, Greece.

264841. Col. No. 103. Herakleon-Phaestos road, near Goirnes, Crete, Greece.

264842. Col. No. 221. Heavy, pale clay, Suda Bay, near Kalives, Crete, Greece. Oats uniform.

264843. Col. No. 204. Hard red soil, sea coast, Suda Bay, near Kalami, Crete, Greece.

264844. Col. No. 85. South coast beach near Kokkinos Pirgos, Crete, Greece.

264845. Col. No. 83. White clay near Hagia Triade, south coast, Crete, Greece.

264846. Col. No. 440. Sea level near town, Paros, Greece. Gleanings.

264847. Col. No. 502. Upland plateau, three km. from Isodoros, Rhodes, Greece.

264848. Col. No. 516. North coast, 32 km. from Rhodes, Rhodes, Greece.

264838 to 265019—Continued**264838 to 264862—Continued**

264849. Col. No. 588. Near Makri seacoast, 12 km. west of Alexandropolis, north coast, Greece.
264850. Col. No. 627. Near Nea Dorkas, Serrai to Salonika, north Greece. Crop uniform.
264851. Col. No. 649. Near Vasilika, Salonika to Polygros, northern Greece.
264852. Col. No. 760. Near Demir, Kaplija, Evzoni to Katlanova, south Yugoslavia.
264853. Col. No. 788. Fifteen km. north of Skopje, south Yugoslavia.
264854. Col. No. 711. Fifteen km. east of Arnea, north Greece.
264855. Col. No. 821. Forty-three km. north of Skopje, south Yugoslavia.
264856. Col. No. 830. Near Sura Rika, 28 km. north of Stimilje, south Yugoslavia. Crop diseased.
264857. Col. No. 911. Red limestone soil near Vrgorac, 16 km. east of Ljubuski, east Yugoslavia.
264858. Col. No. 917. Near Omis, 40 km. north of Makarska, Yugoslavia. Weed in barley field.
264859. Col. No. 945. Thirty-four km. north of Sibenik towards Gospik, Yugoslavia. Crop uniform.
264860. Col. No. 981. Near Brusave, south of Gospic, Yugoslavia. Elevation 600 meters. Moist forest.
264861. Col. No. 1053. Near Zdihova, Rijeka to Zagreb, Yugoslavia. Elevation 200 meters.
264862. Col. No. 1237. Plain of Kopias, near Ay, Georgios, Greece.
264863. *AVENA* sp.
Col. No. 337. Near Venerato, Herakleon-Phaestos road, Crete, Greece.
- 264864 to 264879. *HORDEUM DISTICHON* L. Poaceae. **Two-rowed barley.**
264864. Col. No. 1161. Steep shale area near Passo di Ciso, Italy. Elevation 1,041 meters.
264865. Col. No. 1116. Heavy soil near Passo di Ciso, Italy. Elevation 840 meters. Awns broad, long.
264866. Col. No. 6/7-1. Two km. northwest of Erzincan, Turkey.
264867. Col. No. 6/2-. Source unknown, probably Turkey.
264868. Col. No. 21/6-8. Forty-five km. east of Nazibli-Denizli, Turkey.
264869. Col. No. 4/7-1. Source unknown, probably Turkey.
264870. Col. No. 30/6-6. Sixty-eight km. northeast of Elazig, Turkey.
264871. Col. No. 29/6-6. Twenty-seven km. southwest of Malatya, Turkey. Elevation 1,400 meters.
264872. Col. No. 22/6-4. Fifty-three km. northeast of Denizli-Dinar, Turkey. Elevation 950 meters.
264873. Col. No. 22/6-2. Twenty-five northeast of Denizli-Dinar, Turkey. Elevation 500 meters.
264874. Col. No. 829. Twenty-eight km. north of Stimilje, Yugoslavia. Soil a heavy clay.
264875. Col. No. 961. Kavst Mountain field, 47 km. north of Benkorac, Yugoslavia.

264838 to 265019—Continued

264864 to 264879—Continued

264876. Col. No. 919. Sea level near Omis, 40 km. north of Mawarska, Yugoslavia.
264877. Col. No. 988. Near Sinoka Kula, 10 km. from Gospic, Yugoslavia. Elevation 500 meters.
264878. Col. No. 789. Twenty-five km. north of Skopje, Yugoslavia.
264879. Col. No. 966. Thirty-four km. east of Karlobag, road to Gospic, Yugoslavia.

264880 to 264926. HORDEUM VULGARE L. Poaceae Barley.

264880. Col. No. 112. Near Venerato, 24 km. inland from Herakleon, Crete, Greece.
264881. Col. No. 113. Beach, 10 km. from Herakleon, road to Malia, Greece.
264882. Col. No. 218. Coastal field, near Kalives, Suda Bay, Crete, Greece.
264883. Col. No. 225. Coastal field, near Kalives, Suda Bay, Crete, Greece.
264884. Col. No. 240. Near Petges, road from Carea to Sphakia, central Crete, Greece.
264885. Col. No. 336. Near Venerato, inland from Herakleon, Crete, Greece.
264886. Col. No. 371. Red silty soil, near Malia, 34 km. from Herakleon, Crete, Greece. Sea level.
264887. Col. No. 382. Above Anoyia, Crete, Greece. Elevation 800 meters.
264888. Col. No. 8. Near Lake Leutini, Sicily, Italy.
264889. Col. No. 21. Heavy clay soil, 8 km. west of Advano, Sicily, Italy. Elevation 400 meters.
264890. Col. No. 24. Heavy clay soil, 8 km. west of Advano, Sicily, Italy. Elevation 400 meters.
264891. Col. No. 1008. Irrigated field, 2 km. north of Madragone, Italy.
264892. Col. No. 1081. From Stazione Sperimentale Agricoltura, Catania, Italy. 'Buselmorre'.
264893. Col. No. 1086. Fifteen km. from Syracuse, road to Catania, Sicily, Italy.
264894. Col. No. 1160. Sandy shore near Cape Stilo, Italy.
264895. Col. No. 1227. Korfu Island, Greece.
264896. Col. No. 84. Pale friable clay near Hagia Triada, Crete, Greece.
264897. Col. No. 86. Beach near Kokkinos Pirgos, Crete, Greece. A weed in an oatfield.
264898. Col. No. 10/7-3. Twelve km. east of Haymana-Eskisehir, Turkey. Elevation 1,100 meters.
264899. Col. No. 29/6-8. Forty-nine km. northeast of Malatya-Elazig, Turkey.
264900. Col. No. 8/7-2. Nine km. southwest of Yozgat-Ankara, Turkey. Elevation 1,000 meters.
264901. Col. No. 912. Twenty-nine km. north of Ljubuski, Yugoslavia.
264902. Col. No. 209. Filotti, Naxos Island, Greece.
264903. Col. No. 443. Between Thira and the east coast, Santorini Island, Greece.

264838 to 265019—Continued**264880 to 264926—Continued**

264904. Col. No. 520. Threshing floor, seven km. from Isidoras, Rhodes Island, Greece.
264905. Col. No. 528. Coastal plain, 20 km. from Rhodos, road to Salakes, Rhodes Island, Greece.
264906. Col. No. 503. Threshing floor, upland plateau, 3 km. from Isidoros, Rhodes Island, Greece.
264907. Col. No. 557. Terraced Kea Island, Greece. A good malt barley.
264908. Col. No. 594. Porto Lago, north Greece.
264909. Col. No. 585. Seacoast near Makri, 12 km. west of Alexandropolis, north Greece.
264910. Col. No. 575. Near Alexandropolis airfield, north Greece.
264911. Col. No. 700. Valley, 12 km. east of Arnea, north Greece.
264912. Col. No. 663. Gerakini, Longas Peninsula, north Greece.
264913. Col. No. 762. Seven km. north of Demir, Kaplija, Yugoslavia.
264914. Col. No. 736. Twenty-one km. from Verrai, north Greece. Elevation 1,200 meters.
264915. Col. No. 628. Near Nea Dorkas, north Greece.
264916. Col. No. 893. Gray-brown soil, 29 km. north of Dubrovnik, Yugoslavia. Sea level.
264917. Col. No. 828. Heavy clay, 28 km. north of Stimilje, Yugoslavia.
264918. Col. No. 960. Forty-seven km. north of Benkorac, Yugoslavia.
264919. Col. No. 918. Near Omis, 40 km. north of Makarska, Yugoslavia.
264920. Col. No. 907. Limestone soil, Kavst Mountains, two km. from Ljubuski, Yugoslavia.
264921. Col. No. 932. Red soil pockets, Kavst Mountains, near Perkoric, 38 km. north of Split, Yugoslavia.
264922. Col. No. 1051. Near Skrad, Rijeka-Zagreb road, Yugoslavia. Elevation 600 meters.
264923. Col. No. 1046. Near Pozin, south of Rijeka, Yugoslavia. Elevation 160 meters.
264924. Col. No. 8/7. 2.9 km. southwest of Yozgat-Ankara, Turkey. Elevation 1,050 meters.
264925. Col. No. 486. Delos Island, Greece.
264926. Col. No. 1008. 1.8 km. north of Madragone, Italy.
- 264927 to 264948. TRITICUM AESTIVUM L. Poaceae. Common wheat.**
264927. Col. No. 220. Suda Bay, near Kalives, Crete, Greece.
264928. Col. No. 367. Irrigated, dark red, silty soil, Malia, north coast of Crete, Greece. Sea level.
264929. Col. No. 374. Irrigated, dark red, silty soil, Malia, north coast of Crete, Greece. Sea level.
264930. Col. No. 374. Irrigated, dark, silty soil, Malia, north coast of Crete, Greece. Sea level.
264931. Col. No. 383. Anoyia, Crete, Greece. Elevation 800 meters.
264932. Col. No. 383. Anoyia, Crete, Greece. Elevation 800 meters.
264933. Col. No. 339. Rocky hill below Anoyia, Crete, Greece.

264838 to 265019—Continued**264927 to 264948—Continued**

264934. Col. No. 399a. Rocky hill below Anoyia, Crete, Greece.
264935. Col. 314. Mesava Plain Exp. Sta., Crete, Greece.
264936. Col. No. 80. Heavy white clay near Phaestos, south coast of Crete, Greece. Plants uniform.
264937. Col. No. 81. Near Phaestos, south coast of Crete, Greece.
264938. Col. No. 107. Heavy gray soil near Athanatoi, Herakeleon-Phaestos road, Crete, Greece.
264939. Col. No. 111. Near Venerato, Herakeleon-Phaestos road, Crete, Greece.
264940. Col. No. 111a. Near Venerato, Herakeleon-Phaestos road, Crete, Greece.
264941. Col. No. 22. Heavy soil, eight km. west of Advano, Sicily, Italy.
264942. Col. No. 22a. Heavy soil, eight km. west of Advano, Sicily, Italy.
264943. Col. No. 35. Sea slope, two km. east of Bora Marina, southern Italy.
264944. Col. No. 43. Coast 30 km. south of Patras, west Greece. Improved variety.
264945. Col. No. 1061. Stazione Sperimentale Agricoltura, Catania, Sicily, Italy.
264946. Col. No. 1032. Near Fiumefreddo, between Southern Lucida and Amantea, Italy.
264947. Col. No. 1060. Stazione Sperimentale Agricoltura, Catania, Sicily, Italy. 'Duro S G 3'.
264948. Col. No. 1062. Stazione Sperimentale Agricoltura, Catania, Sicily, Italy. 'Rusello SG'.
- 264949 to 264951. TRITICUM DURUM Desf. **Durum wheat.**
264949. No. 89. Col. No. 1065. 'Cappelli'.
264950. No. 90. Col. No. 1066. 'Pavone'.
264951. No. 91. Col. No. 1067. 'Timilia'.
264952. TRITICUM TURGIDUM L. **Poulard wheat.**
- No. 92. Col. No. 1068. 'Bufala Rossa'
264953. TRITICUM AESTIVUM L. **Common wheat.**
- No. 93. Col. No. 1070. 'Floran'.
264954. TRITICUM TURGIDUM L. **Poulard wheat.**
- No. 94. Col. No. 1071. 'Bufala Nera'
- 264955 to 264958. TRITICUM DUBUM Desf. **Durum wheat.**
264955. No. 95. Col. 1074. 'Scorsonera'.
264956. No. 96. Col. No. 1075. 'Regina'.
264957. No. 97. Col. No. 1077. 'Ruscia'.
264958. No. 98. Col. No. 1078. 'Farro Lungo'.
- 264959 to 265018. TRITICUM AESTIVUM L. **Common wheat.**
264959. Col. No. 914. Twenty-two km. from Makarska, road to Dubrovnick, Yugoslavia. Elevation 750 meters.
264960. Col. No. 941. Near Sibenik, Yugoslavia.

264838 to 265019—Continued**264959 to 265018—Continued**

264961. Col. No. 954. Near Benkovac, Yugoslavia.
264962. Col. No. 1004. Near Dubin, Gospic-Senj road, Yugoslavia.
264963. Col. No. 986. Near Sinoka Kula, 10 km. from Gospic, road to Senj. Elevation 500 meters.
264964. Col. No. 1010. Gospic-Senj road, Yugoslavia.
264965. Col. No. 1/7-2. Nine km. east of Bingol, Turkey.
264966. Col. No. 1/7-. Probably from Turkey.
264967. Col. No. 4/7-1. Probably from Turkey.
264968. Col. No. 8/7-1. Five km. west of Sorgun-Ankara. Elevation 1,050 meters.
264969. Col. No. 5/7-1. Twenty-three km. southeast of Bayburt, Turkey. Elevation 2,000 meters.
264970. Col. No. 6/7-8. Twenty-three km. northwest of Refahiye, Turkey. Elevation 1,325 meters.
264971. Col. No. 8/7-1. Five km. west of Sorgun-Ankara, Turkey. Elevation 1,050 meters.
264972. Col. No. 8/7-8. Twenty-six km. west of Kirikkale, Turkey. Elevation 1,050 meters.
264973. Col. No. 8/7-4. Seventy-eight km. west of Yozgat, Turkey. Elevation 650 meters.
264974. Col. No. 8/7-8. Twenty-six km. west of Kirikkale, Turkey.
264975. Col. No. 21/6-7. Thirty-seven km. east of Nazilli-Denizli, Turkey.
264976. Col. No. 10/7-3. Twelve km. west of Haymana Eskisehir, Turkey. Elevation 1,100 meters.
264977. Col. No. 22/6-1. Two km. north of Denizli, Turkey.
264978. Col. No. 28/6-6. Thirty-five km. northeast of Osmaniye, Turkey. Elevation 850 meters.
264979. Col. No. 26/6. Probably from Turkey.
264980. Col. No. 24/6-1. East of Antalya, Turkey.
264981. Col. No. 22/6-7. Twenty-four km. southwest of Dinar, Turkey.
264982. Col. No. 29/6-8. Forty-nine km. northeast of Malatya, Turkey.
264983. Col. No. 29/6-3. Probably from Turkey. Elevation 1,050 meters.
264984. Col. No. 28/6-10. Forty-four km. from Maras Malatya, Turkey. Elevation 850 meters.
264985. Col. No. 30/6-3. Fifteen km. east of Elazig, Turkey.
264986. No data.
264987. Col. No. 788. Near Katlanova, south Yugoslavia. Poor but uniform wheat.
264988. Col. No. 55. Plain of Kopais, Greece.
264989. Col. No. 106. Near Athanatoi, Herakleon-Phaestos road, Crete, Greece.
264990. Col. No. 486. Near Ay, Delos Island, Greece. Irrigated.
264991. Col. No. 504. Threshing floor near Isidoros, Rhodes, Greece.
264992. Col. No. 564. Mill above village of Kea, Kea Island, Greece.

264838 to 265019—Continued**264959 to 265018—Continued**

264993. Col. No. 710. Moist area 15 km. east of Arnea, north Greece. Brown types dominant.
264994. Col. No. 519. Threshing floor seven km. from Isidoras, north Rhodes, Greece.
264995. Col. No. 529. Twenty km. from Rhodos, north coast of Rhodes, Greece.
264996. Col. No. 579. Near Alexandropolis aerodrome, north Greece.
264997. Col. No. 581. Heavy clay soil near Alexandropolis, north Greece.
264998. Col. No. 628. Moist hills near Nea Dorkas, north Greece.
264999. Col. No. 631. Moist hills near Nea Dorkas, north Greece.
265000. Col. No. 635. Forty-six km. southeast of Lachanas, Serai-Salonika road, north Greece.
265001. Col. No. 737. Cultivated field 21 km. from Verrai, north Greece. Elevation 1,200 meters.
265002. Col. No. 820. Forty-three km. north of Skopje, Yugoslavia.
265003. Col. No. 827. Heavy clay near Sura Raka, 28 km. north of Stimilje, Yugoslavia.
265004. Col. No. 831. Near Zrze, 20 km. from Prizen, Yugoslavia. Wheat uniform.
265005. Col. No. 833. Near Zrze, 20 km. from Prizen, Yugoslavia.
265006. Col. No. 838. Agricultural Research Station, Pec, north Yugoslavia. A good variety; the standard for local trials.
265007. Col. No. 860. Limestone mountains east of Titograd, Yugoslavia.
265008. Col. No. 903. Kavst Mountains, two km. from Ljubuski, Yugoslavia.
265009. Col. No. 904. Kavst Mountains, two km. from Ljubuski, Yugoslavia.
265010. Col. No. 905. Kavst Mountains, two km. from Ljubuski, Yugoslavia.
265011. Col. No. 910. Red soils near Vrgorac, 16 km. from Ljubuski.
265012. Col. No. 214. Filotti, middle of Naxos Island, Greece.
265013. Col. No. 4/7-1. Probably from Turkey.
265014. Col. No. 16/6-1. Probably from Turkey.
265015. Col. No. 30/6-2. Thirteen km. east of Elazig, Turkey. Elevation 1,000 meters.
265016. Col. No. 505. Upland plateau near Isidoros, north coast of Rhodes, Greece.
265017. Col. No. 796. Twenty-five km. north of Skopje, Yugoslavia.
265018. Col. No. 45. Near Agrinion, north of Mesalongion, Greece.

265019. TRITICUM sp.

Col. No. 216. Near Kalives, Suda Bay. Crete, Greece.

265020 to 265024.

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Apr. 25, 1960.

265020 to 265024—Continued

265020. *BOTHRIOCHOLA INTERMEDIA* (R. Br.) A. Camus Poaceae.
No. I.W. 1138.
265021. *BOTHRIOCHLOA PERTUSA* (L.) A. Camus
No. I.W. 1079.
265022. *CAPILLIPEDIUM GLAUCOPSIS* Stapf Poaceae.
No. Ago-67.
265023. *DICHANTHIUM ANNULATUM* (Forsk.) Stapf Poaceae.
No. I.C. 2138.
265024. *SORGHUM HALEPENSE* (L.) Pers. Poaceae. **Johnsongrass.**

265025 and 265026.

From Belgium. Seeds presented by the Hortus Botanicus Lovaniensis,
Louvain. Received Apr. 25, 1960.

265025. *ALOPECURUS PRATENSIS* L. Poaceae. **Meadow foxtail.**
265026. *CAREX* sp. Cyperaceae.

265027 to 265044.

From Germany. Plants presented by G. D. Bohlje, Baumschulen, Wester-
stede. Received Apr. 18, 1960.

265027. *ABIES CILICICA* (Ant. & Kotschy) Carr. Pinaceae.
- 265028 and 265029. *CORNUS KOUSA* var. *CHINENSIS* A. Osborn Cornaceae.
265028. 'Bruns Type I.'
265029. 'Bruns Type II.'
265030. *COTONEASTER PRAECOX* Hort. Malaceae.
'Hessei'
265031. *COTONEASTER SALICIFOLIA* Franch
'Parteppich'.
265032. *COTONEASTER STERNIANA* (Turr.) Boom
265033. *COTONEASTER* × *WATERERI* Exell.
'Herbstgeuer'.
265034. *JUNIPERUS COMMUNIS* L. Pinaceae. **Common juniper.**
'Laxa'.
265035. *LONICERA* × *BROWNII* (Reg.) Carr. Caprifoliaceae.
'Fuchsioides'.
265036. *PICEA* × *MARIORIKA* Boom Pinaceae.
'Bruns'.
265037. *PICEA* (hybrid).
(*P. omorika* × *P. breweriana*)
265038. *PINUS CEMBRA* var. *SIBIRICA* Loud.
265039. *POTENTILLA FRUTICOSA* L. Rosaceae. **Shrubby cinquefoil.**
'Lady Daresborough'.
265040. *THUJA OCCIDENTALIS* L. Pinaceae.
'Malonyana'.
265041. *THUJA PLICATA* D. Don
'Variegata'.

265027 to 265044—Continued

265042. *TILIA MIQUELIANA* Maxim. Tiliaceae. **Mongolian linden.**
 265043. *TILIA MONGOLICA* Maxim.
 265044. *TSUGA HETEROPHYLLA* (Raf.) Sarg. Pinaceae.
 'Conica'.

265045 to 265052.

From Canada. Plants presented by Skinner's Nursery Limited, Manitoba.
 Received, Apr. 26, 1960.

- 265045 and 265046. *CLEMATIS INTEGRIFOLIA* L. Ranunculaceae.
 265045. Bell type.
 265046. 'Blue Boy' type.
 265047 to 265049. *CLEMATIS MACROPETALA* Ledeb.
 265047. Blue.
 265048. Dark blue.
 265049. White.
 265050. *CLEMATIS* (hybrid).
 (*C. recta* × *C. dioscoreifolia* var. *robusta*).
 265051. *CLEMATIS* (hybrid).
 (*C. texensis* × *C. integrifolia*).
 265052. *CLEMATIS* (hybrid).
 (*C. virginiana* × *C. ligusticifolia*).

265053 and 265054. GOSSYPIUM (hybrids). Malvaceae. Cotton.

From Korea. Seeds presented by the Department of Agronomy, Chunchon
 Agricultural College, Chunchon, Kangwon-Do. Received Apr. 26, 1960.

265053. 'Mok-Po No. 3.'
 265054. 'Mok-Po No. 4.'

265055 to 265098.

From Great Britain. Plants presented by the Royal Botanic Gardens, Kew,
 Surrey, England. Received Apr. 27, 1960.

265055. *ANGIOPTERIS HYPOLEUCA* DeVries Marattiaceae.
 265056. *MANDEVILLA SANDERI* (Hemsl.) Woods. Apocynaceae.
 265057. *GLOBBA WINITTI* C. H. Wright Zingiberaceae.
 265058 to 265086. *ILEX AQUIFOLIUM* L. Aquifoliaceae. **English holly.**
 265058. 'Angustifolium'.
 265059. 'Argentea-Marginata Pendula'. (Pistillate).
 265060. 'Argentea Medio-Picta'. (Pistillate).
 265061. 'Silver Queen'. (Staminate.)
 265062. 'Silver Queen'. (Staminate.)
 265063. 'Aurea-Marginata'. (Pistillate.)
 265064. 'Aurea-Marginata Fructo-Luteo'. (Pistillate.)
 265065. 'Aurea Medio-Picta Latifolia.'
 265066. 'Aureo-Regina'. (Staminate.)
 265067. 'Aurifodina' (Pistillate.)
 265068. 'Bicolor'.

265055 to 265098—Continued**265058 to 265086—Continued**

265069. 'Ciliata Major'.
 265070. 'Cookii'. (Pistillate.)
 265071. 'Crassifolia'. (Pistillate.)
 265072. 'Crispa'.
 265073. 'Crispa Picta'.
 265074. 'Ferox'. (Staminate.)
 265075. 'Ferox-Argentea'. (Staminate.)
 265076. 'Flavescens'. (Pistillate.)
 265077. 'Fructo-Luteo'. (Pistillate.)
 265078. 'Handsworth New Silver'. (Staminate.)
 265079. 'Latispina Major'. (Staminate.)
 265080. 'Mundyi'. (Staminate.)
 265081. 'Myrtifolia Aurea'. (Staminate.)
 265082. 'Oak Vale'. (Staminate.)
 265083. 'Ovata'. (Staminate.)
 265084. 'Pendula'. (Pistillate.)
 265085. 'Recurva'. (Staminate.)
 265086. 'Scotia'. (Staminate.)

265087 to 265093. ILEX × ALTA CLARENSIS Dallim.

265087. 'Camelliaefolia'. (Pistillate.)
 265088. 'Foxii'. (Staminate.)
 265089. 'Golden King'. (Pistillate.)
 265090. 'Hodginsii'. (Pistillate.)
 265091. 'Morei'. (Staminate.)
 265092. 'Nigrescens'.
 265093. 'Smithiana'. (Staminate.)

265094. ILEX sp.

No. 324.

265095. ILEX sp.

No. 387. Wilson 1822.

265096. IMPATIENS WALLERIANA Hook. f. Balsaminaceae.

'Bergeriana'.

265097. PERISTROPHE SPECIOSA Nees. Acanthaceae.**265098. TAPEINOCHEILOS ANANASSAE K. Schum. Zingiberaceae.****265099 to 265104. HELIANTHUS ANNUUS L. Asteraceae.****Sunflower.**

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry. Received Apr. 27, 1960.

265099. No. 1646. Maturity 90 to 95 days; oil content 44 to 49 percent.
 265100. No. 8281. Maturity 90 to 95 days; oil content 42 to 46 percent.
 265101. No. 9343. Maturity 86 to 90 days; oil content 44 to 49 percent.
 265102. No. 9345. Maturity 86 to 90 days; oil content 44 to 49 percent.

265099 to 265104—Continued

265103. No. 8883. Maturity 86 to 90 days; oil content 42 to 46 percent.

265104. No. 66. Maturity 84 to 88 days; oil content 42 and 46 percent; plant dwarf; less productive.

265105 to 265106. SORGHUM BICOLOR (L.) Moench Poaceae.

From Nigeria. Seeds presented by Harold A. Royer, Waka via Bui and Jos. Received Apr. 27, 1960.

265105. 'Jerima'.

265106. 'Whuthlikelisu Garkeda'.

265107 to 265116. ORYZA SATIVA L. Poaceae.

From Poland. Seeds presented by the Institute of Agriculture, Department of Breeding Biology, Pulawy. Received Apr. 27, 1960.

265107. M-2.

265112. 'Italica Ooba'.

265108. 'Italca Agostano'.

265113. 'Italica Oobie'.

265109. 'Italica Banloc'.

265114. 'Erythroceros Hokkaido'.

265110. 'Italica Carolina'.

265115. 'Erythroceros Ramsz'.

265111. 'Italica M-1'.

265116. 'Zerawschanica Karatalski'.

265117 to 265128.

From British Honduras and Cuba. Seeds collected by S.G. Stephens, Crops Research Division, Beltsville, Md. Received Apr. 27, 1960.

Collected in Cuba unless otherwise noted.

265117 and 265118. *GOSYPIUM BARBADENSE* L. Malvaceae.

Sea-island cotton.

265117. No. B139. Santiago.

265118. No. B143. Southeast of Camaguey.

265119 to 265128. *GOSYPIUM HIRSUTUM* L.

Upland cotton.

265119. No. H135. Santiago de Cuba. Dry gulch, Finca Pavada, about three miles west of Santiago.

265120. No. H136. Siboney.

265121. No. H137. Siboney.

265122. No. H138. Siboney, wasteland near cliff-edge houses.

265123. No. H140. Santiago.

265124. No. H141. Roadside northeast of Camaguey.

265125. No. H142. Roadside northeast of Camaguey.

265126. No. H144. Southeast of Camaguey.

265127. No. H254. Thirty miles north of Belize, Orange Walk Road, British Honduras.

265128. No. H255. Twenty-eight miles north of Belize, British Honduras.

265129. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From Italy. Seeds purchased in Bologna by the Foreign Operations Administration, Rome. Received Apr. 28, 1960.

265130 to 265183.

From British Honduras and Nicaragua. Seeds collected by S.G. Stephens, Crops Research Division, Beltsville, Md.

Collected in British Honduras unless otherwise noted.

265130 to 265183—Continued

265130 to 265133. *GOSYPIUM BARBADENSE* L. Malvaceae.

Sea-island cotton.

265130. No. B204. Yard, Puerto Cortes, Carribean side. Kidney type.
 265131. No. B207. Yard, Villa Nueva, Carribean side. Kidney type.
 265132. No. B231. Yard, Stann Creek. Kidney type.
 265133. No. B233. Pomona roadside. Kidney type.

265134 to 265163. *GOSYPIUM HIRSUTUM* L.

Upland cotton.

265134. No. H200. Yard, Choluteca, Pacific side.
 265135. No. H201. Yard, San Lorenzo, Pacific side.
 265136. No. H202. Yard, San Lorenzo, Pacific side.
 265137. No. H203. Yard, San Pedro Sula, Caribbean side.
 265138. No. H205. Yard, San Pedro Sula, Caribbean side.
 265139. No. H206. Yard, Villa Nueva, Caribbean side.
 265140. No. H208. Yard, Villa Nueva, Caribbean side.
 265141. No. H209. Villa Nueva, Caribbean side.
 265142. No. H210. San Pedro Sula, Caribbean side.
 265143. No. H211. Potrerillos, Caribbean side.
 265144. No. H212. Potrerillos, Caribbean side.
 265145. No. H213. Potrerillos, Caribbean side.

265146 to 265155. From Nicaragua. (Pacific side).

265146. No. H214. Commercial sample from Chinandega, the Coastal area north of Managua, producing cotton as the principal crop.

265147. No. H215. Puerto Corinto.

265148. No. H216. Puerto Corinto.

265149. No. H217. Granada.

265150. No. H218. Along dry stream bed near lake shore, yard, Managua. Apparently wild, in back of mangrove swamp; lint brown.

265151. No. H219. Paso Cabullos, two miles inland from Pacific coast. Apparently wild, lint brown.

265152. No. H220. Paso Cabullos, two miles inland from Pacific coast. Apparently wild; lint brown.

265153. No. H221. Isla de Maiz, 50 miles off Bluefield Coast.

265154. No. H222. About 0.5 mile south of Corn Island. Year round type.

265155. No. H223. Yard, Juigalpa, highlands east of Lake Nicaragua.

265156. No. H224. Belize yard.

265157. No. H225. Belize yard.

265158. No. H226. Belize yard.

265159. No. H227. Belize wasteland.

265160. No. H228. Belize yard.

265161. No. H229. Stann Creek yard.

265162. No. H230. Stann Creek yard.

265163. No. H232. Drainage ditch, Stann Creek.

265130 to 265183—Continued**265164 to 265169. GOSSYPIUM BARBADENSE L. Malvaceae.****Sea-island cotton.**

265164. No. B234. Pomona, Stann Creek valley. Kidney type.
 265165. No. B235. Three miles inland from Punta Gorda.
 265166. No. B237. Machaca, one mile past Forest Reserve. Kidney type.
 265167. No. B238. Village of San Antonio. Kidney type.
 265168. No. B250. Two miles from Orange Walk village.
 265169. No. B253. Maskall.

265170 to 265183. GOSSYPIUM HIRSUTUM L.**Upland cotton.**

265170. No. H236. Two miles south of Punta Gorda.
 265171. No. H239. San Antonio yard.
 265172. No. H240. San Antonio yard.
 265173. No. H241. San Antonio yard.
 265174. No. H242. San Antonio yard.
 265175. No. H243. From San Pedro, Columbia.
 265176. No. H244. Corozal, yard, Yucatan border.
 265177. No. H245. Corozal yard.
 265178. No. H246. Corozal yard.
 265179. No. H247. Corozal wasteland.
 265180. No. H248. Corozal wasteland.
 265181. No. H249. Pachakan, six miles from Corozal.
 265182. No. H251. Two miles from Orange Walk village.
 265183. No. H252. Maskall.

265184 to 265207.

From Germany. Plants purchased from H. A. Hesse, Baumschulen, Weener.
 Received Apr. 27, 1960.

265184. ABIES BALSAMEA (L.) Miller Pinaceae.**Balsam fir.**

'Globosa'.

265185. ABIES HOMOLEPIS Sieb. & Zucc.**Nikko fir.**

'Umbellata'.

265186. ABIES × VILMORINII Masters**265187. CEDRUS DEODARA (Lamb) Loud. Pinaceae.****Deodar cedar.**

'Albo Spica'.

265188. CEDRUS LIBANII subsp. STENOCOMA (Schwarz) Davis**265189 to 265192. CHAMAECYPARIS LAWSONIANA (Murray) Parl.**

Pinaceae.

Lawson falsecypress.

265189. 'Globosa'.

265190. 'Monumentalis Nova'.

265191. 'Pulcherrina'.

265192. 'Spek'.

265193 to 265195. PICEA ABIES (L.) Karst. Pinaceae.**Norway spruce.**

265193. 'Acronona'.

265194. 'Cranstoni'.

265195. 'Mariae-Orfflae'.

265184 to 265207—Continued

265196. *PICEA MARLANA* (Mill.) B.S.P.
 'Beissneri'.
 265197. *PICEA ORIENTALIS* f. *AUREO-SPICATA* Beissner
 265198 and 265199. *PICEA PUNGENS* Engelm.
 265198. 'Glauca Endtzi'.
 265199. 'Glauca Procumbens'.
 265200. *PINUS CEMBRA* L. Pinaceae. Swiss stone pine.
 'Pygmaea'.
 265201. *PINUS DENSIFLORA* Sieb. & Zucc. Japanese red pine.
 'Pumila'.
 265202. *PINUS LEUCODERMIS* Antoine
 'Aureo-spicata'.
 265203. *PINUS PARVIFLORA* Sieb & Zucc. Japanese white pine.
 'Brevifolia'.
 265204. *PINUS STROBUS* L.
 'Nivea'.
 265205. *PINUS SCHIVERINII* Fitschen
 265206. *SEQUOIA GIGANTEA* (Lindl.) Dcne. Pinaceae.
 'Pyramidalis Glauca'.
 265207. *TAXUS BACCATA* L. Taxaceae.
 'Hesse'.

265208 to 265300.

From Germany. Plants purchased from H. A. Hesse, Baumshulen, Weener.
 Received May 2, 1960.

265208. *ABIES LASIOCARPA* var. *ARIZONICA* (Merriam) Lemm. Pinaceae.
 'Argentea'.
 265209. *ABIES MARIEII* Masters Maries fir.
 265210. *ABIES* × *VILMORINII* Masters Pinaceae.
 265211 and 265212. *ACER PALMATUM* Thunb. Aceraceae. Japanese maple.
 265211. 'Frederic-Guilelmi'.
 265212. 'Schewrinii'.
 265213. *ALANGIUM PLATANIFOLIUM* (Sieb & Zucc.) Harms. Cornaceae.
 265214 to 265219. *ATHYRIUM FILIX-FEMINA* (L.) Roth. Polypodiaceae.
 265214. 'Bisfurcatum'.
 265215. 'Friseliae'.
 265216. 'Graminicon'.
 265217. 'Monstrosum'.
 265218. 'Multidentatum'.
 265219. 'Pseudo-victorae'.
 265220. *BERBERIS VEITCHI* C. Schneid. Berberidaceae.
 265221. *BUDDLEIA DAVIDII* var. *NAHFESIS* (Chittend.) Rehder Loganiaceae.
 265222. *BUDDLEIA DAVIDII* var. *VEITCHIANA* Rehder

265208 to 265300—Continued

265223. CHAMAECYPARIS LAWSONIANA (Murray) Parl. Pinaceae.
 'Schoongariana'. **Lawson falsecypress.**
265224. CHAMAECYPARIS LAWSONIANA (Murray) Parl. Beissner
 'Glauca Argentea'. **Lawson falsecypress.**
265225. CHAMAECYPARIS NOOTKATENSIS (Lambert) Spach
 'Viridis'. **Noootka cypress.**
- 265226 and 265227. CHAMAECYPARIS PISIFERA (Sieb. & Zucc.) Endl.
 265226. 'Dwarf Blue'.
 265227. 'Argenteo variegata'.
265228. CHAMAECYPARIS THYOIDES (L.) BSP.
 'Atrovirens'.
265229. CLEMATIS HERACLEIFOLIA DC. Ranunculaceae. **Tube clematis.**
265230. CLEMATIS KOREANA Komar.
265231. CLEMATIS TANGUTICA (Maxim.) Krosch. **Golden clematis.**
- 265232 to 265233. COTONEASTER HORIZONTALIS Decaisne Malaceae.
 265232. 'Saxatilis'.
 265233. 'Variegata'.
- 265234 to 265236. CRYPTOMERIA JAPONICA (L.f.) D. Don Pinaceae.
Common cryptomeria.
265234. 'Pungens'.
 265235. 'Pyrimidata'.
 265236. 'Viminalis'.
265237. CRYPTOMERIA JAPONICA (L.f.) D. Don **Common cryptomeria.**
 'Araucarioides'.
- 265238 to 265241. DRYOPTERIS FILIX-MAS (L.) Schott Polypodiaceae.
 265238. 'Daedalea'.
 265239. 'Erosa Crenata'.
 265239. 'Erosa Crenata'.
 265240. 'Furcans'.
 265241. 'Linearis Polydactylon'.
265242. DRYOPTERIS PALEACEA (Moore) Hand.-Mazz.
 'Polydactyla'.
265243. DRYOPTERIS FILIX-MAS (L.) Schott
 'Sugintegra'.
265244. EPHEDRA FRAGILIS Desf. Gnetaceae. **Jointfir.**
265245. EPHEDRA FRAGILIS var. CAMPYLOPODA (C.A.Mey.) Stapf
265246. EPHEDRA GERARDIANA Wall
265247. EPHEDRA GERARDIANA var. SIKKIMENSIS Stapf
265248. EUPTOLEA PLEIOSPERMA Hook. & Thomp. Trochodendraceae.
- 265249 to 265252. FAGUS SILVATICA L. Fagaceae. **European beech.**
265249. 'Ansargei'.
 265250. 'Swat Magret'.

265208 to 265300—Continued

265249 to 265252—Continued

265251. 'Cristata'.
 265252. 'Cochleata'.
 265253. GINKGO BILOBA L. Ginkgoaceae.
 'Pendula'.
 265254. HAMAMELIS MOLLIS Oliver Hamamelidaceae. Chinese witch-hazel.
 'Feverzauber'.
 265255 and 265256. ILEX AQUIFOLIUM L. Aquifoliaceae. English holly.
 265255. 'Handsworthensis'.
 265256. 'Planifolia'.
 265257. ILEX PEDUNCULOSA var. CONTINENTALIS Loes.
 265258. JUNIPERUS COMMUNIS var. DEPRESSA Pursh. Pinaceae.
 265259. JUNIPERUS MACROCARPA Sibth. & Smith
 265260. JUNIPERUS COMMUNIS L. Common juniper.
 'Hils Freiburg'.
 265261. LARIX POTANINI Batal. Pinaceae. Chinese larch.
 265262. LIGUSTRUM OVALIFOLIUM Hasskarl. Oleaceae.
 'Argenteum'.
 265263. LIGUSTRUM STRONGYLOPHYLLUM Hemsley
 265264. LONICERA ALSEVOSMOIDES Graebner Caprifoliaceae.
 265265. × MACLUDRANIA HYBRIDA Andre Moraceae.
 265266. MAGNOLIA STELLATA (Sieb. & Zucc.) Maxim. Magnoliaceae. Pinkstar magnolia.
 'Rohrbach'.
 265267. MICROGLOSSA ALBESCENS (DC.) C. B. Clarke Asteraceae.
 265268. PEROVSKIA ABROTANOIDES Karel Menthaceae.
 265269. PEROVSKIA ATRIPLICIFOLIA Benth.
 265270 and 265271. PICEA ABIES (L.) Karst. Pinaceae.
 265270. 'Parviformis'.
 265271. 'Tabulaeformis'.
 265272. PICEA ASPERATA Masters
 'Glauca'.
 265273. PICEA LIKIANGENSIS (Franch) E. Pritz
 265274. PICEA POLITA (Sieb. & Zucc.) Carr
 265275. PICEA WILSONI Masters
 265276. PINUS HELDREICHII var. LEUCODERMIS (Ant.) Markg. Pinaceae.
 'Aureo-spicata'.
 265277. PINUS STROBUS L.
 'Nivea'.
 265278. PSEUDOTSUGA MENZIESII (Mirb.) Franco Pinaceae. Douglas-fir.
 'Albospica'.
 265279. PSEUDOTSUGA MENZIESII var. GLAUCA (Beiss.) Schn.
 'Elegans'.

265208 to 265300—Continued

265280. *RHAMNUS FALLAX* Boiss. Rhamnaceae. Veiny buckthorn.
 265281. *RHAMNUS FRANGULA* L. Glossy buckthorn.
 'Asplenifolia'.
 265282. *RUBUS HENRYII* Hemsl. & Kuntze Rosaceae.
 265283. *RUBUS TRICOLOR* Focke
 265284. *SALIX MOUPINENSIS* Franch Salicaceae.
 265285. *SEQUIOIA DENDRON GIGANTEUM* (Lindl.) Buchholz Pinaceae.
 'Pyramidalis Glauca'.
 265286. *SINARUNDINARIA NITIDA* (Mitf.) Nakai Poaceae. Bamboo.
 265287. *SPIREA TRILOBATA* L. Rosaceae.
 'Grossulariaefolia'.
 265288. *SYRINGA AFGHANICA* Schneider Oleaceae.
 265289 to 265295. *TAXUS BACCATA* L. Taxaceae.
 265289. 'Cavendishii'.
 265290. 'Davisiae'.
 265291. 'Glauca'.
 265292. 'Jacksoni'.
 265293. 'Kadet'. Type II.
 265294. 'Page'. Type IV.
 265295. 'Prasident'. Type III.
 265296 to 265298. *THUJA OCCIDENTALIS* L. Pinaceae.
 265296. 'Albo-variegata'.
 265297. 'Gracilis'.
 265298. 'Stricta'.
 265299. *THUJOPSIS DOLOBRATA* var. *HONDAI* Makino Pinaceae.
 False-arborvitae.
 265300. *TSUGA CANADENSIS* (L.) Carr. Pinaceae.
 'Minima Hesse'.

265301 to 265303. MALUS SYLVESTRIS Mill. Malaceae. **Apple.**

From Denmark. Sicons presented by Count F. M. Knuth, Knuthenborg, Bandholm. Received May 5, 1960.

265301. 'Guldborg'. From Guldborg; widely planted since 1870, but not described until 1911; now obsolete, because of size. Similar to 'Maglemer', but softer and less tasty. Matures late August, early September. Some consider it a Gravenstein seedling.
 265302. 'Hoover'. An old American variety, widely planted in Chile where orchards still exist. Apple red striped, or low quality, but productive and easy to handle. From Agriculture School, Angol, Chile.
 265303. 'Maglemer'. Original tree found in Maglemer, near Bandholm; first described in 1870. Tree slow growing; fruit 5.5 cm. high, six cm. in diameter; obtuse conical, somewhat irregular, yellow, exposed side striped crimson rose; flesh white; flavor aromatic, good. Season slightly earlier than Gravenstein. Scab-susceptible.

265304 to 265309.

From Chile. Plants and seeds collected by M. A. Cox, Agency for International Development, Refugio Llaiama. Received May 5, 1960.

Plants except where otherwise noted.

265304 to 265309—Continued265304. *FRAGARIA* sp. Rosaceae.265305. *FRAGARIA* sp.265306. *FRAGARIA* sp.

(Seeds).

265307 to 265309. *RIBES MAGELLANICUM* Poir. Grossulariaceae.

265307. No. 1.

265308. No. 2.

265309. Seeds.

265310 to 265311.

From the United States. Plants collected by H. S. Gentry, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received May 5, 1960.

265310. *AGAVE CHISOSENSIS* Muller Amaryllidaceae.

Col. No. 18469. Chisos Mountain Basin, Big Bend Park, Texas. Mar. 29, 1960. Elevation 5,200 feet. Single or suckering in clumps; leaves straight and stiff; shaft a narrow raceme to 13 feet high.

265311. *AGAVE HARVARDIANA* Trelease

Col. No. 18470. Chisos Mountain Basin, Big Bend Park, Texas. Mar. 29, 1960. Elevation 5,200 feet. Plant large, glaucous gray to light green, open; rosettes suckering; leaves thick, stiff deltoid acuminate; panicles to 20 feet high with 12 to 14 laterals.

265312 to 265313.

From the Belgian Congo. Seeds presented by the Division of Pathologic Vegetale, Tananarive, Madagascar. Received May 6, 1960.

265312. *AEGLOPSIS* sp. Rutaceae.

Jardin de Eala Coquilhatville. Tree to 25 feet high; fruit two inches in diameter, hard; seeds many.

265313. *AEGLOPSIS* sp.

Jardin de Eala Coquilhatville.

265314. RUBUS GEOIDES J. E. Smith Rosaceae. **Frutilla.**

From Chile. Plants collected by M. L. Cox, Agency for International Development, Refugio Llaiama. Received May 6, 1960.

265315 to 265325. HIBISCUS CANNABINUS L. Malvaceae.**Kenaf.**

From Cuba. Seeds presented by the United States Operations Mission, Havana. Received May 6, 1960.

265315. No. 710a.

265321. No. 812.

265316. No. 710b.

265322. No. 816.

265317. No. 712 a-2.

265323. No. 821.

265318. No. 712 a-3.

265324. No. 1475. Brazil type.

265319. No. 809.

265325. No. 2001.

265320. No. 810.

265326. HIBISCUS CISPLATINUS St. Hil. Malvaceae.

From Argentina. Seeds presented by the Ministerio de Agricultura, Instituto de Botanica, Buenos Aires. Received May 6, 1960.

265327. HIBISCUS HETEROPHYLLUS Vent. Malvaceae.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received May 6, 1960.

No. Q. 402. Collected in southern Queensland.

265328 to 265329.

From Great Britain. Seeds presented by the Royal Botanic Garden, Kew, Richmond, Surrey, England. Received May 6, 1960.

265328. *HIBISCUS CAMERONII* Knowles & Westc. Malvaceae.

From Villa Taranto, Pallanza, Italy.

265329. *HIBISCUS COSTATUS* A. Rich.

From Singapore Botanic Garden.

**265330 to 265334. *LAGENARIA LEUCANTHA* (Mol.), Stand.
Cucurbitaceae. Calabash gourd.**

From Nigeria. Seeds presented by the Ministry of Agriculture and Natural Resources, Ibadan. Received May 6, 1960.

265330. No. 1. 265333. No. 4.

265331. No. 2. 265334. No. 5.

265332. No. 3.

**265335 and 265336. *LOLIUM PERENNE* L. Poaceae.
Perennial ryegrass.**

From Sweden. Seeds presented by the Swedish Seed Association, Svalof. Received May 6, 1960.

265335. 'Svensk 01408 No. S5'.

265336. 'Viktoria A No. 8'.

265337 to 265341.

From France. Seeds presented by Vilmorin-Andrieux, Paris through the Office of the Agricultural Attache, American Embassy, Paris. Received May 6, 1960.

265337 to 265339. *LOLIUM MULTIFLORUM* Lam. Poaceae. Italian ryegrass.

265337. 'Fa'. Bred by Vilmorin.

265338. 'Rina'. Bred by Institut National de Recherches Agronomiques, Versailles.

265339. 'Rita'. Bred by Institut National de Recherches Agronomiques, Versailles.

265340 and 265341. *LOLIUM PERENNE* L. Perennial ryegrass.

265340. 'Anglais Bocage'. Bred by Vilmorin.

265341. 'Anglais Primevere'. Bred by Institut National de Recherches Agronomiques, Versailles.

**265342 to 265350. *LOLIUM PERENNE* L. Poaceae.
Perennial ryegrass.**

From Ireland. Seeds presented by the United States Embassy, Dublin. Grown by Thurles Company, Tipperary. Received May 6, 1960.

265342. 'Devon Eaver'.

265343. 'Glasnevin Pedigree'. Irish type.

265344. 'Heraf'. Pasture strain. Dutch type.

265345. 'New Zealand Certified Mother Seed'.

265346. 'New Zealand Permanent Pasture'.

265347. 'Sceempter'. Pasture strain. Dutch type.

265348. S. 23. Pasture strain.

265349. S. 24.

265350. S. 101.

265351. LOLIUM PERENNE L. Poaceae. Perennial ryegrass.

From Chile. Seeds presented by the Ministerio de Agricultura, Consejo de Fomento e Investigacion Agricola, Santiago. Received May 9, 1960.

265352 to 265367. FESTUCA ARUNDINACEA Schreb. Poaceae. Tall fescue.

From the Netherlands. Seeds presented by the Stichting Voor Plantenveredeling, Wageningen. Received May 8, 1960.

Selections, distinct ecotypes, open pollinated. From North Holland unless otherwise noted.

265352. Cl. 1. Early.	265360. Cl. 33.
265353. Cl. 4. Early.	265361. Cl. 34. Late.
265354. Cl. 6.	265362. Cl. 42.
265355. Cl. 12. Early.	265363. Cl. 46. Early.
265356. Cl. 13. Early.	265364. Cl. 53. Zeeland.
265357. Cl. 22. Early.	265365. Cl. 89. Early. Ameland.
265358. Cl. 26.	265366. Cl. 98. Zeeland.
265359. Cl. 27.	265367. Cl. 105. Early.

265368 to 265440.

From South Africa. Seeds presented by the Division of Crops and Pastures. Department of Agriculture, Pretoria. Received May 9, 1960.

265368 to 265437. GLYCINE MAX (L.) Merrill Fabaceae. Soybean.	
265368. 48 S 21.	265392. 51 S 137.
265369. 48 18.	265393. 51 S 284.
265370. 49 S 156.d.	265394. 53 S 16.
265371. N 49 S 212.	265395. 53 S 20.
265372. 49 S 260.	265396. 53 S 23.
265373. 49 S 272.	265397. 53 S 24.
265374. 49 S 385.	265398. 53 S 34.
265375. 49 S 425.	265399. 53 S 44.
265376. 50 S 19.	265400. 53 S 48.
265377. 50 S 40.	265401. 53 S 50.
265378. 50 S 80.	265402. 53 S 58.
265379. 50 S 81.	265403. 53 S 59.
265380. 50 S 87.	265404. 53 S 95.
265381. 50 S 93.	265405. 53 S 107.
265382. 50 S 125.	265406. 53 S 125.
265383. 50 S 128.	265407. 53 S 130.
265384. 50 S 156.	265408. 53 S 149.
265385. 50 S 244.	265409. 54 S 70.
265386. 50 S 255.	265410. 54 S 116.
265387. 50 S 257.	265411. 54 S 173.
265388. 50 S 300.	265412. 54 S 181.
265389. 51 S 45.	265413. 54 S 195.
265390. 51 S 53.	265414. 54 S 212.
265391. 51 S 79.	265415. 54 S 219.

265368 to 265440—Continued

265368 to 265437—Continued

265416.	55 S 12.	265427.	56 S 92.
265417.	55 S 23.	265428.	56 S 95.
265418.	55 S 91.	265429.	56 S 108.
265419.	56 S 19.	265430.	56 S 110.
265420.	56 S 26.	265431.	56 S 116.
265421.	56 S 30.	265432.	56 S 122.
265422.	56 S 62.	265433.	56 S 136.
265423.	56 S 66.	265434.	56 S 300.
265424.	56 S 68.	265435.	'Blyvoor.'
265425.	56 S 74.	265436.	'Geduld.'
265426.	56 S 87.	265437.	'Masterpiece.'

265438. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.

'Gunsons D.C.S.' DL/60/137.

265439 and 265440. *SESAMUM* (hybrids)

265439. 'Palmetto' × 49163. DL/60/139.

265440. R.I.-X. DL/60/138.

265441 to 265453.

From Australia. Seeds presented by the Department of Agriculture, Perth.
Received May 9, 1960.

265441 to 265445. *AVENA SATIVA* L. Poaceae. Common oats.

Spring varieties.

265441. 'Algerian'. 265444. 'Dale'.

265442. 'Avon'. 265445. 'Kent'.

265443. 'Ballidu'.

265446 and 265447. *HORDEUM VULGARE* L. Poaceae. Barley.

Spring varieties.

265446. 'Prior'. Two-row.

265447. 'Beecher'. Six-row.

265448 to 265453. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

Spring varieties.

265448. 'Bencubbin'. 265451. 'Insignia 49'.

265449. 'Eureka II'. 265452. 'Kondut'.

265450. 'Gabo'. 265453. 'Wongoondy'.

265454 to 265484.

From Finland. Seeds presented by Professor Otto Valle, Tikkurila. Received
May 9, 1960.

265454 to 265459. *AVENA SATIVA* L. Poaceae. Common oats.

265454. 'Eho'. 265457. 'Kyro'.

265455. 'Golden Rain II'. 265458. 'Sisu'.
(Svalov, Sweden.)

265456. 'Juha'. 265459. 'Tammi'.

265454 to 265484—Continued

- 265460 to 265467. *HORDEUM VULGARE* L. Poaceae. **Barley.**
 265460. 'Balder'. (Weibullsholm, Sweden.) 265464. 'Otra'.
 265461. 'Helmi'. 265465. 'Paavo'.
 265462. 'Louhni'. 265466. 'Pirkka'.
 265463. 'Olli'. 264567. 'Tammi'.
- 265468 to 265473. *SECALE CEREALE* L. Poaceae. **Rye.**
 265468. 'Ensi'. 265471. 'Sangaste'.
 265469. 'Oiva'. From Estonia.
 265470. 'Pekka'. 265472. 'Toivo'.
 265473. 'Visa'.
- 265474 to 265484. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**
 Spring type.
 265474. 'Apu'. 265478. 'Sopu'.
 265475. 'Diamond' (Svalov, Sweden.) 265479. 'Tamm'.
 265476. 'Hopea'. 265480. 'Touko'.
 265477. 'Kimmo'.
 Winter type.
 265481. 'Antti'. 265483. 'Vakka'.
 265482. 'Olympia'. 265484. 'Varma'.

265485 to 265523.

From Colombia. Seeds presented by the Instituto de Fomento Algodonero, Bogota. Received May 10, 1960.

- 265485 to 265489. *ARACHIS HYPOGAEA* L. Fabaceae. **Peanut.**
 265485. 'Dixie Spanish'.
 265486. 'Dr Ariosto'.
 265487. PI-132. From U.S.A.
 265488. No. 9.
 265489. 'Roxo 40'. From Brasil.
- 265490 to 265498. *GLYCINE MAX* (L.) Merrill Fabaceae. **Soybean.**
 265490. 'Otootan'. From La Molina, Peru.
 265491. 133225. From La Molina, Peru.
 265492. T-1. From Yangambi, Belgian Congo.
 265493. 'Wabash'.
 265494. 'Pelicano'. From Brasil.
 265495. 'Variety X'.
 265496. 'Jackson'. From U.S.A.
 265497. 'Acadian'.
 265498. T-2. From Yangambi, Belgian Congo.
- 265499 to 265503. *HELIANTHUS ANNUUS* L. Asteraceae. **Sunflower.**
 265499. 'Cinza No. 42'.
 265500. 'Chermianka 11'.
 265501. 'Saratov'. From Chile.

265485 to 265523—Continued**265499 to 265503—Continued**

265502. VNIMK 4966. From U.S.S.R.

265503. VNIMK 6540. From U.S.S.R.

265504 to 265509. RICINUS COMMUNIS L. Euphorbiaceae. **Castorbean.**
Dwarf varieties.

265504. 'Baker 296'. From U.S.A.

265505. 'Baker 292'. From U.S.A.

265506. 'Baker 290'. From Palmira, Colombia.

265507. 'Dawn'. From Palmira, Colombia.

Moderately vigorous.

265508. 'Cimarron'. From U.S.A.

265509. 'Baker 34'.

265510 to 265523. SESAMUM INDICUM L. Pedaliaceae. **Sesame.**
Branching varieties.

265510. 'Negro'.

265511. 'Chino Rojo'.

265512. 'Pardo Peludo'.

265513. 'Morada'. From Maracay, Venezuela.

265514. 'Venezuela 52'. From Maracay, Venezuela.

Slightly branching.

265515. 'Aceitera'. From Maracay, Venezuela.

265516. 'Acarigua'. From Maracay, Venezuela.

265517. 'Venezuela 51'. From Maracay, Venezuela.

265518. 'Inamar'. From Maracay, Venezuela.

265519. 'Guacara'.

Not branching.

265520. 'Dulce'. From Texas, U.S.A.

265521. 'Blanco'. From Texas, U.S.A.

265522. 'Renner 1'. From Texas, U.S.A.

265523. 'Renner 2'. From Texas, U.S.A.

265524 to 265536.

From Cuba. Seeds presented by the Atkins Garden and Research Laboratory,
Cienfuegos. Received May 10, 1960.

265524. ACACIA RICHII A. Gray Fabaceae.

265525. ARDISIA POLYCEPHALA Wall Myrsinaceae.

265526. ARGYREIA NERVOSA (Burm.) Boj. Convolvulaceae.

265527. BELOTIA GREWIFOLIA A. Rich. Tiliaceae.

265528. BRUNFELSIA HOPEANA (Hook.) Benth. Solanaceae.

265529. CALLANDRA sp. Mimosaceae.

265530. DIPTERIS sp. Polypodiaceae.

265531. KOPSIA FRUTICOSA DC. Apocynaceae.

265532. LYSILOMA TERGEMINA Benth. Mimosaceae.

265533. RANDIA DUMETOTUM (Retz.) Lam. Rubiaceae.

265524 to 265536—Continued

265534. *SPATHODEA CAMPANULATA* Beauv. Bignoniaceae.
 265535. *STERCULIA FOETIDA* L. Sterculiaceae. Hazel bottletree.
 265536. *TECOMA STANS* (L.) Juss.ex. H.B.K. Bignoniaceae. Florida trumpetbush.

265537 to 265554.

From Kenya. Seeds presented by the Grassland Research Station, Kitale. Received May 10, 1960.

265537. *LOTUS MEARNSII* Britton Fabaceae.
 265538. *LOTUS TIGRENSIS* Baker
 265539 and 265540. *TRIFOLIUM BACCARINII* Chiov. Fabaceae.
 265539. K 54198. From Belgian Congo.
 265540. K 58156. From one plant.
 265541. *TRIFOLIUM BURCHELLIANUM* var. *JOHNSTONI* (Oliv.) Gillett Fabaceae.
 K 576.
 265542. *TRIFOLIUM CHERANGANIENSE* Gillett
 K 50112.
 265543. *TRIFOLIUM MASAIENSE* Gillett
 K 54260.
 265544. *TRIFOLIUM POLYSTACHYUM* Fres. Clover.
 K 561.
 265545. *TRIFOLIUM REPENS* L. Whiteclover.
 Bamenda. K 5930.
 265546 to 265550. *TRIFOLIUM RUEPELLIANUM* Fresen.
 265546. K 5193. Small type.
 265547. K 5571. Plant erect, much branched, distinct.
 265548. K 5870. Giant type. Seed from plant grown in the nursery.
 265549. LK 53866. Large type.
 265550. K 55339. 'Albino'. Flowers and seeds white.
 265551. *TRIFOLIUM SEMIPILOSUM* Fresn.
 K 5154.
 265552. *TRIFOLIUM STEUDNERI* Schweinf.
 K 51100.
 265553. *TRIFOLIUM TEMBENSE* Fresn.
 K 54235.
 265554. *TRIFOLIUM USAMBARENSE* Taub.
 K 53814.
265555. CUCURBITA MAXIMA Duchesne Cucurbitaceae. **Squash.**
 From Turkey. Plants growing at the Regional Plant Introduction Station, Ames, Iowa, and Geneva, New York. Numbered May 11, 1960.
 Component of *C. pepo*, P.I. 176963. Plant runner, early maturing; fruit five to six inches by seven to nine inches; flat turban, light orange, six lobed, protuberance at blossom end; flesh 1.5 inches thick.
265556. CUCURBITA MAXIMA Duchesne Cucurbitaceae. **Squash.**
 From Ethiopia. Plants growing at the Regional Plant Introduction Stations, Ames, Iowa, and Geneva, New York. Numbered May 11, 1960.

265556—Continued

Component of *C. pepo*, P.I. 196845. Plant vigorous, early maturing, prolific; fruit flat, 12 inches, smooth, reddish orange, grey stripe, netted callus on surface; flesh 2.25 inches thick, orange.

265557. CUCURBITA MAXIMA Duchesne Cucurbitaceae. Squash.

From Argentina. Plants growing at the Regional Plant Introduction Stations, Ames, Iowa, and Geneva, New York. Numbered May 11, 1960.

Component of *C. pepo*, P.I. 199508. 'Tronco de Rondo' or 'Zappolita'. Carries dominant gene for bush habit. Bush vigorous, very early maturing, six to seven fruits per plant; fruits 3.5 by 5 inches, flat, rounded, dark green, narrow grey striped; flesh one inch thick, orange. Mosaic resistant but susceptible to powdery mildew.

265558. CUCURBITA MAXIMA Duchesne Cucurbitaceae. Squash.

From Iran. Plants growing at the Regional Plant Introduction Stations, Ames, Iowa, and Geneva, New York. Numbered May 11, 1960.

Component of *C. pepo*, P.I. 212010. Plant runner, late maturing; fruit flat globe, 9 by 12 inches, striped white, pointed at blossom end, very smooth, no ribs; skin green to grey green.

265559. CUCURBITA MAXIMA Duchesne Cucurbitaceae. Squash.

From Pakistan. Plants growing at the Regional Plant Introduction Stations, Ames, Iowa, and Geneva, New York. Numbered May 11, 1960.

Component of *C. pepo*, P.I. 219694. Plant vigorous runner; fruit either globe, 13 to 18 inches by 15 to 18 inches, or oblong, 8 to 12 inches by 24 to 30 inches; skin orange; flesh light yellow to two inches thick.

265560. CUCURBITA MAXIMA Duchesne Cucurbitaceae. Squash.

From Afghanistan. Plants growing at the Regional Plant Introduction Stations, Ames, Iowa, and Geneva, New York. Numbered May 11, 1960.

Component of *C. pepo*, P.I. 221923. Vine medium size; leaves small; fruit to seven inches, globose; skin light to medium green with orange

265561. CUCURBITA MAXIMA Duchesne Cucurbitaceae. Squash.

From Iran. Plants growing at the Regional Plant Introduction Station, Ames, Iowa, and Geneva, New York. Numbered May 11, 1960.

Component of *C. pepo*, P.I. 223353. Plant vigorous, early maturing, prolific; fruits 11 by 12 inches, spindle shaped, ribbed, reddish orange, grey striped; bulb 2.5 inches at blossom end, greenish with faint grey stripe. Mosaic free but very susceptible to powdery mildew and squash bug.

265562. CUCURBITA MAXIMA Duchesne Cucurbitaceae. Squash.

From Afghanistan. Plants growing at the Regional Plant Introduction Stations, Ames, Iowa, and Geneva, New York. Numbered May 11, 1960.

Component of *C. pepo*, P.I. 223773. Plant large vigorous vine; fruit 11 by 15 inches, oblate; skin light green to copper brown; flesh two inches thick, orange. Some fruits flat discs, four to seven inches by five to ten inches.

265563. CUCURBITA PEPO L. Cucurbitaceae. Pumpkin.

From Turkey. Plants growing at the Regional Plant Introduction Stations, Ames, Iowa, and Geneva, New York. Numbered May 11, 1960.

Component of *Cucumis sativus*, P.I. 174167. Plant long runner, vigorous, exceedingly prolific; early maturing; fruits bowling pin shaped, 7.5 by 3.5 inches, obovate, smooth, tapers to stem end; skin deep cream or tan. Keeps well in storage.

265564. ALOPECURUS sp. Poaceae.

From the Netherlands. Plants presented by the Arboretum Landbouwhogeschool, Wageningen. Received May 12, 1960.

265565 to 265568. DACTYLIS GLOMERATA var. HISPANICA (Roth)
Duby Poaceae.

From France and Spain. Seeds growing at the Regional Plant Introduction Station, Ames, Iowa. Numbered May 11, 1960.

265565. Component of *D. glomerata*, P.I. 234046. Instituto Nacional de Investigaciones Agronomicas, Plantas Forrajeras y Pratenses, Madrid, Spain.

265566. Component of *D. glomerata*, P.I. 234474. West of Sarinena, Aragon Province, Spain.

265567. Component of *D. glomerata*, P.I. 234716. Northwest of Montpellier, France.

265568. Component of *D. glomerata*, P.I. 255243. M. Hycka, Estacion Experimental de Aula Dei, Zaragoza, Spain.

265569 to 265580.

From Argentina and Bolivia. Seeds collected by D. S. Correll, collaborator, Texas Research Foundation, Renner, Texas. Received May 11, 1960.

Collected February and March 1960.

From Argentina unless otherwise stated.

265569. *TRICHLORIS CRINITA* (Lag.) Parodi Poaceae.

Col. No. A-715. Forty-eight miles north of San Juan, San Juan Province. Plants to four feet high, lush, in very arid region.

265570. *CROTALARIA* sp. Fabaceae.

Col. No. A-711. LaChagritos, Catamarca Province.

265571. *CUCURBITA MAXIMA* Duchesne Cucurbitaceae. Squash.

Col. No. A-709A. Los Alamitos, Catamarca Province. Primitive pumpkin.

265572. *ROSA* sp. Rosaceae.

Col. No. A-716. Villavicencia, Mendoza Province. Plants luxuriant; eight feet high in desert area; fruit deep red.

265573. *SOLANUM BERTHAULTII* Hawkes Solanaceae.

Col. No. B-606A. Near Cochabamba, Bolivia.

265574. *SOLANUM GOURLAYII* Hawkes

Col. No. A-668. Alfarcito, east of Tilcara, Jujuy Province.

265575. *SOLANUM SIMPLICIFOLIUM* Bitter

Col. No. A-705. La Bandarita, Tucuman Province.

265576. *SOLANUM SUBTILIUS* Bitter

Col. No. A-707. Catamarca, Rio Potrillo Province.

265577. *SOLANUM TARIJENSE* Hawkes

Col. No. B-619. Ten miles from Aiquile, Cochabamba Department, Bolivia.

265578. *SOLANUM* sp.

Col. No. B-654. Iscayachi, Tarija Department, Bolivia.

265579. *SOLANUM* sp.

Col. No. A-678. Tascal, Jujuy Province.

265580. *SOLANUM* sp.

Col. No. A-683. Tascal, Jujuy Province.

265581. RICINUS COMMUNIS L. Euphorbiaceae. Castorbean.

From the Union of South Africa. Seeds presented by Rilsan Corporation, Potietersrus, Transvaal. Received May 12, 1960.

N. 145-4-4.

265582 to 265681.

From Germany. Plants purchased from Herm. A. Hesse, Baumschulen, Weener. Received May 13, 1960.

265582. ACER CAMPESTRE L. Aceraceae.

'Pulverulentum'.

265583. ACER LAXIFLORUM Pax

265584 and 265585. ACER NEGUNDO L.

Boxelder.

265584. 'Elegans'.

265585. 'Auratum'.

265586. ACER OPALUS Miller

'Auratum'.

265587. ACER PLATANOIDES L.

Norway maple.

265588. ACER RUBRUM L.

Red maple.

'Wageri'.

265589. ACER TRUNCATUM Bunge

'Albo-vittatum'.

265590. ACER × ZOESCHENSE PAX

'Annae'.

265591 and 265592. AESCULUS × CARNEA Hayne Aesculaceae.

265591. 'Aureo-Marginata'.

265592. 'Plantierensis'.

265593. AESCULUS × PLANTIERENSIS Andre

265594. AESCULUS × NEGLECTA Lindl.

'Erythroblasta'.

265595. ALNUS MAXIMOWICZII Callier Betulaceae.

265596. AMELANCHIER sp. Malaceae.

'Pumila'.

265597. AMORPHA FRUTICOSA L. Fabaceae.

'Crispa'.

265598. BERBERIS DIELSIANA Fedde Berberidaceae.

'Compacta'.

265599. BERBERIS GIRALDII Hesse

265600. BERBERIS MOUILLACANA Schneider

265601. BETULA NANA L. Betulaceae.

265602. BETULA POTANINII Batalin

265603. BETULA PUBESCENS Ehrhart

'Aurea'.

265604. CATALPA FARGESI f. DUCLOUXI (Dode) Gilmour Bignoniaceae.

265605. CELASTRUS ROSTHORNIANA (Loesener) Diels Celastraceae.

265606. CERCIDIPHYLLUM JAPONICUM var. SINENSE Rehd. & Wils. Trochodendraceae.

265582 to 265681—Continued

265607. CLEMATIS LASIANDRA Maxim. Ranunculaceae.
 265608. CLEMATIS SERRATIFOLIA Rehder Korean clematis.
 265609. CLEMATIS VITALBA L. Travelers-joy.
 265610. CORNUS ALBA L. Cornaceae. Tatarian dogwood.
 'Albo-Marginata Elegans'.
 265611. CORNUS KOEHNEANA Wangerin
 265612. COTONEASTER (hybrid). Malaceae. Willowleaf cotoneaster.
 'Sakdan'. (*C. dammeri* × *C. salicifolia*).
 265613. DEUTZIA COREA Leveille Hydrangeaceae.
 265614. DEUTZIA GRACILS Sieb & Zucc.
 'Albomarmorata'.
 265615. EUONYMUS EUROPAEUS L. Celastraceae. European burningbush.
 'Argenteovariegatus'.
 265616. FAGUS SYLVATICA L. Fagaceae. European beech.
 'Horizontalis'.
 265617. FESTUCA SCOPARIA Hook. f. Poaceae.
 265618 to 265620. FRAXINUS EXCELSIOR L. Oleaceae.
 265618. 'Crispa Variegata'.
 265619. 'Doorenbos Nr. 5'.
 265620. 'Hessei'.
 265621. FRAXINUS POTAMOPHILA Herder Turkestan ash.
 265622. HERACLEUM MATEAZZIANUM Somm. & Levier Apiaceae.
 265623. LONICERA OBOVATA Royle ex. Hook. f. & Thoms. Caprifoliaceae.
 265624. LONICERA MYRTILLUS Hook. f. & Thoms.
 265625. LONICERA PROSTRATA Rehder
 265626 and 265627. PLATANUS × ACERIFOLIA (Ait.) Willd. Platanaceae.
 265626. 'Pyramidalis'.
 265627. 'Suttneri'.
 265628. PLATANUS ORIENTALIS L.
 'Digitata'.
 265629. POPULUS CANADENSIS Moench
 'Bachelieri'.
 265630. POPULUS TREMULA L. European aspen.
 'Purpurea'.
 265631. POPULUS TREMULOIDES Michx.
 'Pendula'.
 265632. POPULUS × CANADENSIS Moench
 'Vernirubens'.
 265633 to 265635. POTENTILLA FRUTICOSA L. Rosaceae. Shrubby cinquefoil.
 265633. 'Albescens'.
 265634. 'Friesengold'.
 265635. 'Sulfurea'.

265582 to 265681—Continued

265636. *POTENTILLA FRUTICOSA* var. *PARVIFOLIA* (Fisch) Th. Wolf Rosaceae.
265637. *PRUNUS CERASIFERA* Ehrh. Amygdalaceae.
'Hessei'.
265638. *PTELEA TRIFOLIATA* L. Rutaceae.
'Fastigiata'.
265639. *PTEROCARYA FRAXINIFOLIA* (Lam.) Spach Juglandaceae.
'Dumosa'.
265640. *PTEROCARYA RHOIFOLIA* Sieb. & Zucc.
265641. *PYRUS ELAEAGRIFOLIA* var. *KOTSCHYANA* (Decne.) Boiss. Malaceae.
265642. *QUERCUS ROBUR* L. Fagaceae. **English oak.**
'Argento-Marginata'.
- 265643 and 265644. *QUERCUS PETRAEA* (Mattuschka) L. ex Lieblein
265643. 'Columna'.
265644. 'Laciniata Crispa'.
- 265645 to 265648. *QUERCUS ROBUR* L. **English oak.**
265645. 'Maculata'.
265646. 'Albomarmorata'.
265647. 'Nigricans'.
265648. 'Picta'.
265649. *QUERCUS* × *PENDULINA* Kit.
'Pungens'.
- 265650 to 265653. *QUERCUS ROBUR* L. **English oak.**
265650. 'Scolopendrifolia'.
265651. 'Atropurpurea'.
265652. 'Fastigiata Purpurea'.
265653. 'Filicifolia'.
- 265654 and 265655. *QUERCUS BOREALIS* Michx. f.
265654. 'Aurea'.
265655. 'Schrefeldi'.
265656. *QUERCUS* × *SCHOCHIANA* Dieck.
- 265657 to 265660. *ROBINIA PSEUDOACACIA* L. Fabaceae. **Common locust.**
265657. 'Mimosaeifolia'.
265658. 'Monophylla Fastigiata'.
265659. 'Pyramidalis'.
265660. 'Rozynskyana'.
265661. *ROSA EGLANTERIA* L. Rosaceae. **Sweetbrier.**
'Magnifica'.
265662. *SALIX AURITA* L. Salicaceae.
265663. *SALIX CHRYSOSTELA* Dode
265664. *SALIX DAPHNOIDES* var. *POMERANICA* Koch

265582 to 265681—Continued

265665. *SALIX FRAGILIS* L. Brittle willow.
'Bullata'.
265666. *SALIX ACUTIFOLIA* Willd.
'Penduifolia'. Staminate.
265667. *SALIX REPENS* L.
'Rosmarinifolia'.
265668. *SALIX* × *SIMULATRIX* B. White
265669. *SIBIRAEA LAEVIGATA* (L.) Maxim. Rosaceae.
265670. *SORBUS ARIA* (L.) Crantz Malaceae. Whitebeam mountain-ash.
'Magnifica'.
265671. *SORBUS ARIA* (L.) Crantz Malaceae. Whitebeam mountain-ash.
'Aurea'.
265672. *SORBUS FOLIOLOSA* (Wall.) Spach
265673. *SORBUS SEROTINA* Koehne
265674. *STAPHYLEA* × *ELEGANS* Zabel Staphyleaceae.
'Hessei'.
265675. *SYMPHORICARPOS ORBICULATUS* Moench Caprifoliaceae.
'Variegatus'.
265676. *TILIA AMERICANA* L. Tiliaceae.
'Nova'.
265677. *WEIGELA PRAECOX* (Lem.) Bailey Caprifoliaceae.
'Avant Garde'.
- 265678 and 265679. *WEIGELA* (hybrids).
265678. 'Desboisi'.
265679. 'Edouard Andre'.
- 265680 and 265681. *WEIGELA PRAECOX* (Lem.) Bailey
265680. 'Fleur de Mai'.
265681. 'Rosea'.
265682. *TRIFOLIUM NIGRESCENS* Viv. Fabaceae.
From Turkey. Seeds collected by the Wellman and Westover Expedition.
Numbered May 16, 1960.
No. 659. Fifteen miles southeast of Izmir. Collected January 1937.
- 265683 to 265711. *RUMEX HYMENOSEPALUS* Torr. Polygonaceae.
Canaigre.
From Mexico. Roots collected by Norris W. Gilbert, Crops Research Division,
Mesa, Arizona. Numbered May 18, 1960.
'Yerba Colorada'. Sonora. Regarded as too strong for tanning but used
for medicinal purposes.
265683. No. M-1. Sandy soil near stream, Agua Zarca, 11 miles south
of Nogales. Elevation 3,900 feet. Plants few, scattered.
265684. No. M-2. In sand and gravel, Imuris, 45 miles south of Nogales.
Elevation 2,800 feet. Plants scattered.
265685. No. M-3. Dry, sandy wash, five miles north of Ocuca. Eleva-
tion under 2,000 feet.
265686. No. M-4. Gravel and sandy soil, three miles south of Magdalena.
Elevation 2,500 feet.

265683 to 265711—Continued

265687. No. M-5. In wash and adjacent cultivated land. Recodo, three miles southeast of Magdalena. Elevation 2,600 feet. Plants scattered.
265688. No. M-6. Hilly terrain, 12 miles southeast of Magdalena. Elevation 3,500 feet. Plants few, large.
265689. No. M-7. Edges of cultivated fields, El Pintor on San Miguel River, five miles north of Cucurpe. Elevation under 3,000 feet. Plants numerous.
265690. No. M-8. Cucurpe. Elevation 3,000 feet. Plants scattered.
265691. No. M-9. Five miles south of Santa Ana. Elevation 2,300 feet.
265692. No. M-10. Five miles east of Ures, near Rio Sonora. Elevation 1,500 feet.
265693. No. M-11. Three miles downstream from Masocahui, on Sonora River. Elevation 2,000 feet.
265694. No. M-12. La Capilla, about 8 miles north of Masochahui. Elevation 2,000 feet.
265695. No. M-13. Two miles south of La Capilla. Elevation under 2,000 feet.
265696. No. M-14. Three miles south of Moctezuma. Elevation 2,000 feet.
265697. No. M-15. Sandy areas near Tenisco, 7 miles north of Moctezuma. Elevation 2,000 feet.
265698. No. M-16. El Coyote, 11 miles northeast of Bacadehuachi. Elevation 3,650 feet.
265699. No. M-17. Five miles north of Bacadehuachi. Elevation 2,650 feet. Plants numerous.
265700. No. M-18. Two miles north of Bacadehuachi. Elevation 2,650 feet. Plants dense, considered a weed.
265701. No. M-19. South of Bacadehuachi. Elevation 2,650 feet. Plants scattered, considered very strong.
265702. No. M-20. Heavy soil, Huachinera. Elevation 3,500 feet. Plants badly chewed by larvae of canaigre borer.
265703. No. M-21. Bacerac. Elevation 3,500 feet. Plants few, scattered.
265704. No. M-22. Banispe, one mile east of Banispe river.
265705. No. M-23. Heavy soil, overlaying sand, cultivated field, riverside, south of experiment station, Banispe. Plants numerous.
265706. No. M-24. Along Banispe River, 15 miles north of Banispe. Elevation below 3,500 feet.
265707. No. M-25. Along Banispe River, 30 miles north of Banispe. Elevation 3,500 feet.
265708. No. M-26. Cuchu Berachi, east of Banispe river. Elevation 3,500 feet. Plants small.
265709. No. M-27. Banispe-Agua Prieta road. Elevation 3,500 feet. Plants scattered.
265710. No. M-28. Sandy streamside five miles southeast of Cananea. Elevation 5,000 feet.
265711. No. M-29. Cananea-Imuris road. Plants large; roots bright yellow.

265712 to 265720. JUGLANS REGIA L. Juglandaceae.**Persian walnut.**

From the United States. Plants growing at the United States Plant Introduction Station, Chico, California. Numbered Aug. 17, 1960.

265712 to 265720—Continued

Letter and numerical designations are orchard location.

Seedling selections; seed parents from countries indicated under former P.I. numbers.

265712. D 18–20. Sochi District, Union of Soviet Socialist Republics. P.I. 102087. Seedling bore large nuts with large kernels.

265713. D 18–23. Sochi District, Union of Soviet Socialist Republics. P.I. 102092. Seedlings bore large nuts with large kernels.

265714. D 18–24. Sochi District, Union of Soviet Socialist Republics. P.I. 102094. Matures early and yields high percentage of kernel.

265715. D 19–8. Sochi District, Union of Soviet Socialist Republics. P.I. 102085. Seedlings bore large nuts with large kernels.

265716. D 35–7. Chile.

P.I. 28106. Selected for its apparent low chilling requirements and early maturing nuts of good kernel size and quality.

265717. D 35–38. Seed purchased in Ontario, Canada; supposedly from the Carpathian Mountains.

265718. D 35–43. Northwest Provinces, India.

P.I. 54788. Nuts small, irregularly shaped, resembling the nuts produced by *J. regia* × *J. hindsii*.

265719. D 42–30. Estonia.

P.I. 131353. Kernels light colored and readily separate from shell.

265720. D 42–45. Afghanistan.

P.I. 135697. Tree late leafing, very good separation of kernel from shell.

265721 to 265800.

From the United States. Plants and seeds collected in the wild in the summer of 1957, unless otherwise noted. Numbered May 16, 1960.

265721 to 265800. Seeds.

265721 to 265748. RUBUS ALLEGHENIENSIS Porter Rosaceae.

Alleghany blackberry.

265721. R–14. Rosemount, Minnesota. Plants grow well in sun. Berries 0.75 inch long; quality excellent.

265722. R–17. Exposed hillside, Ellsworth, Wisconsin. Plants showed little winterkill; fruits 0.5 inch long.

265723. R–20. Luck, Wisconsin. Berries small at beginning of season.

265724. R–28. Pastured woodlot. Marine-on-St. Croix, Minnesota. Plants grow in great profusion when protected; berries 0.75 inch long; flavor good.

265725. R–30. Marine-on-St. Croix, Minnesota. Fruits abundant; size fair.

265726. R–31. Stacy, Minnesota. Protected location; berries about 0.75 inch long.

265727. R–43. Nisswa, Minnesota. Plants may be very hardy, but most canes killed to ground in severe winter of 1958–59, new growth weak; fruits bitter sour.

265728. R–47. Chicago City, Minnesota. Plants occur in clearings in woods.

265729. R–49. Beroun, Minnesota. Plants protected in wooded area; berries fine flavored.

265721 to 265800—Continued**265721 to 265748—Continued**

265730. R-50. St. Croix State Park, Minnesota. Plants semiprotected; fruit to 1 inch long, excellent.
265731. R-51. St. Croix State Park, Minnesota. Plants in dense vegetation; berries about 0.5 inch across.
265732. R-52. Luck, Wisconsin. Plants in wooded area; berries 0.5 inch long.
265733. R-53. Amery, Wisconsin. Plants prolific; berries 0.5 inch long.
265734. R-54. Hudson, Wisconsin. Plants prolific; berries to 0.75 inch long; quality good.
265735. R-55. Osceola, Wisconsin. Berries, 0.5 inch long.
265736. R-56. Henderson, Minnesota. Berries 0.75 inch long.
265737. R-57. Arcadia, Wisconsin. Plants in huge patches throughout woods; do well in open areas; fruit 0.7 inch long.
265738. R-58. Winona, Minnesota. Plants apparently wild, occur in old apple orchard; fruit abundant, about 1 inch long; quality excellent.
265739. R-66. Near Medford, Goodrich Township, Wisconsin.
265740. R-67. Edge of field, Rhinelander, Wisconsin. Plants probably hardy; productive; fruit matures best in exposed areas.
265741. R-68. Roadside, Rhinelander, Wisconsin. Plants poor producers; fruit to 0.75 inch long.
265742. R-69. Florence, Wisconsin. Plants well protected; fruits to 0.75 inch long.
265743. R-70. Eagle River, Wisconsin. Plants obtained from Phelps, Wisconsin, and may be cultivated variety.
265744. R-71. Washburn, Wisconsin. Plants collected along firelane in woods. Berries to 0.5 inch long.
265745. R-72. Onamia, Minnesota. Plants prolific in woods; berries to 0.5 inch long.
265746. R-73. Floodwood, Minnesota. Plants may be very hardy, only half were killed by severe winter of 1958-59; new growth vigorous, a few old canes flowering; berries under 0.5 inch long.
265747. R-80. Swanville, Minnesota. Plants well protected, but most were killed and all canes killed to ground; new growth weak.
265748. R-83. Durand, Wisconsin. Plants in unprotected location along fence, but half were killed by severe winter of 1958-59; all other canes killed to ground; new growth weak.

265749 to 265771. RUBUS IDAEUS var. STRIGOSUS Maxim.**Common red raspberry.**

265749. R-1. St. Paul, Minnesota. Plants from field cultivated four years, at Lakewood, near Green Bay, Wisconsin.
265750. R-7. Madelia, Minnesota. Plants cultivated 10 years; little winterkill; canes short, some killed to ground in severe winter of 1958-59; fruit medium size, poor quality. Looks like a cultivated variety.
265751. R-15. Rosemount, Minnesota. Plants in pastured woodland; berries small, flavor excellent.
265752. R-18. Luck, Wisconsin. Plants well protected; berries average 0.5 inch long.

265721 to 265800—Continued**265749 to 265771—Continued**

265753. R-21. Rice Lake, Wisconsin. Plants grow well in full sun; berries small.
265754. R-24. Pierz, Minnesota. Plants protected, had considerable injury in severe winter of 1958-59, but new growth very vigorous; fruits late, to 0.5 inch long.
265755. R-25. Pierz, Minnesota. Plant in protected location; berries 0.5 inch across, very sweet.
265756. R-26. Page, Minnesota.
265757. R-27. Foreston, Minnesota. May be an old commercial variety; source unknown. Fruits large.
265758. R-29. Roadside, Marine-on-St. Croix, Minnesota. Plants in protected location; berries exceptionally large.
265759. R-34. Isanti, Minnesota. Plants very hardy.
265760. R-35. Bluffton, Minnesota. Plants may have had snow protection, but some canes killed back in severe winter of 1958-59, others uninjured; new growth very vigorous; fruit, bright red, small, acid.
265761. R-37. New York Mills, Minnesota. Plants growing in woods well protected; berries to 0.4 inch across.
265762. R-38. McGregor, Minnesota. Plants in protected clearing; berries to 1 inch across.
265763. R-39. Moist area near ditch, Aitkin, Minnesota. Berries small at end of season.
265764. R-42. Pine River, Minnesota. Some killing back of canes in severe winter of 1958-59; new growth very vigorous; fruit small, bright red, acid, excellent quality.
265765. R-59. Saum, near Kelliher, Minnesota. Plants may be very hardy, but many canes killed back in severe winter in 1958-59; new growth vigorous; berry yield high.
265766. R-60. Saum, near Kelliher, Minnesota. Plants may be very hardy, some canes fruiting to tips after severe winter of 1958-59; new growth extremely vigorous; berries small, very late.
265767. R-63. Clementson, Minnesota. Plants abundant in pasture, may be very hardy but canes killed back in severe winter of 1958-59; new growth vigorous; still flowering July 4, bearing into late August; berries to 0.75 inch long.
265768. R-64. Open area, Cotton, Minnesota. Canes killed to ground in severe winter of 1958-59; new growth vigorous; berries small.
265769. R-74. Two Harbors, Minnesota. Plants apparently virus free; some canes killed in severe winter of 1958-59; new growth moderately vigorous; fruiting.
265770. R-76. Hovland, Minnesota. Most old canes killed; new growth very vigorous; few fruits ripe early July.
265771. R-77. Isabella, Minnesota. Canes killed to ground; new growth not vigorous.

265772 to 265786. RUBUS OCCIDENTALIS L.**Common blackcap.**

265772. R-2. St. Paul, Minnesota. Plants cultivated four years, collected from wild at Lakewood, near Green Bay, Wisconsin.
265773. R-4. Minneapolis, Minnesota. Plants in protected location had no winterkill; berries large; seeds few. Some anthracnose.
265774. R-5. Hopkins, Minnesota. Plants had some winterkill in clearing; fruits variable size; flavor fine.

265721 to 265800—Continued

265775. R-6. St. Peter, Minnesota. Plants in shady location had no winterkill; new growth vigorous; fruits large, shiny, numerous; quality excellent.
265776. R-8. Madelia, Minnesota. Plants cultivated 10 years, earlier history unknown. Plants appear hardy, but all were dead after severe winter of 1958-59; berries sweet.
265777. R-9. Mountain Lake, Minnesota. Plants abundant in grove; no winterkill; new growth vigorous; fruit under 0.5 inch. Leaf disease present.
265778. R-10. Lakefield, Minnesota. Plants growing in grove for at least 50 years. Half of plants and most canes killed after severe winter of 1958-59; new growth vigorous; fruits numerous, of good size.
265779. R-11. Canby, Minnesota. Plants protected and suffered little winterkill, but many plants killed in severe winter of 1958-59 and other canes killed back; new growth vigorous; fruits many, size medium, less seedy than average.
265780. R-12. Bird Island, Minnesota. Plants protected but half were killed in severe winter of 1958-59, other canes killed; new growth vigorous; fruits abundant, less than 0.5 inch long.
265781. R-13. Franklin, Minnesota. Plants confined to shaded area; fruit abundant.
265782. R-19. Luck, Wisconsin. Plants protected but may show exceptional hardiness for the species; fruits small.
265783. R-23. Royalton, Minnesota. Plants profuse in woodlot and cleared areas, may be exceptionally hardy for the species, although half were killed after severe winter of 1958-59; new growth vigorous; fruits small.
265784. R-32. Wyoming, Minnesota. Plants well protected; berries 0.5 inch across at end of season; quality high.
265785. R-78. Maple Lake, Minnesota. Plants in pasture, but only 1 plant alive after severe winter of 1958-59, and all canes killed to the ground; new growth weak; berries 0.5 inch long.
265786. R-84. Blomkest, south of Willmar, Minnesota. Plants in grove with protection survived severe winter of 1958-59 with less injury to canes than most; new growth vigorous; fruits many, small.
265787. RUBUS RECURVANS Blanchard
- R-22. Winona, Minnesota. Plants growing in exposed area; fruit variable in size.
265788. RUBUS SEMISETOSUS Blanchard
- R-33. Santi, Minnesota. Plants at edge of marsh and in forest.
265789. RUBUS VERMONTANUS Blanchard
- R-48. Rush City, Minnesota. Plants protected from sun, difficult to identify; may be hybrids; berries large, sweet.
265790. RUBUS sp.
- R-36. Bluffton, Minnesota. Plants probably received snow protection, but killed to ground in severe winter of 1958-59; new growth moderate. Some *Septoria* present.
265791. RUBUS sp.
- R-40. Aitkin, Minnesota. Plants along pasture road; canes killed in severe winter in 1958-59; new growth and blossom present; fruit very small.

265721 to 265800—Continued

265792. RUBUS sp.

R-44. Nisswa, Minnesota. Plants have trailing habit, canes killed to ground in severe winter of 1958-59; new growth moderate; fruit of excellent flavor.

265793. RUBUS sp.

R-45. Nisswa, Minnesota. May be hybrid of *R. allegheniensis*. New growth vigorous with a few fruit clusters.

265794. RUBUS sp.

R-46. Hackensack, Minnesota. Plants on sandy-gravelly soil; new growth vigorous; fruit of excellent flavor; size ordinary.

265795. RUBUS sp.

R-61. Saum, near Kelliher, Minnesota. Plants probably received snow protection, but all test plants were dead after severe winter of 1958-59; under 0.5 inch.

265796. RUBUS sp.

R-65. Gilbert, Minnesota. Plants occur in bog and may be hardy; fruit 0.25 inch across.

265797. RUBUS sp.

R-82. New York Mills, Minnesota. Plants well protected, but in test all canes killed to ground in severe winter of 1958-59; new growth vigorous; fruit to 0.75 inch across.

265798 and 265799. VACCINIUM ANGUSTIFOLIUM Ait. Vacciniaceae.
Lowbush blueberry.

265798. R-41. Aitkin, Minnesota. Plants along road.

265799. R-75. Two Harbors, Minnesota. Plants collected from wild; fruit to 0.4 inch.

265800. VACCINIUM ANGUSTIFOLIUM var. HYPOLASIUM Fernald
Lowbush blueberry.

R-62. Saum, near Kelliher, Minnesota.

265801 to 265811.

From Mexico and Central America. Tubers collected by J. C. Hawkes, University of Birmingham, Birmingham, England. Numbered May 23, 1960.

265801. SOLANUM JAMESII Torr.

No. 1152, line 1.

265802 to 265804. SOLANUM FENDLERI A. Gray

265802. No. 1259, line 2.

265803. No. 1314, line 2.

265804. No. 1314, line 3.

265805. SOLANUM CARDIOPHYLLUM Lindl.

No. 1408/3.

265806. SOLANUM SPECTABILE (Correll) Hawkes

No. 1531/1.

265807 and 265808. SOLANUM TUBEROSUM L.

265807. No. 1787.

265808. No. 1874.

265809 and 265810. SOLANUM DEMISSUM Lindl.

265809. No. 1915, line 1.

265810. No. 1915, line 2.

265801 to 265811—Continued

265811. SOLANUM BULBOCASTANUM Dun.

No. 1922, line 1.

265812. CLEMATIS sp. Ranunculaceae.

From Canada. Plant presented by Skinners Nursery Limited, Dropmore, Manitoba. Received May 25, 1960.

265813. ROSA sp. Rosaceae.

From Uruguay. Cuttings presented by Fontana A. Menghi, Cerrillos. Received May 25, 1960.

No. 1196.

265814 to 265828. SACCHARUM (hybrids) Poaceae.

Sugarcane.

From Cuba. Cuttings presented by the United Fruit Company, Preston. Received May 25, 1960.

265814. UCW 53-69.

265822. UCW 54-57.

265815. UCW 53-146.

265823. UCW 54-58.

265816. UCW 53-178.

265824. UCW 54-69.

265817. UCW 54-16.

265825. UCW 55-5.

265818. UCW 54-29.

265826. UCW 55-25.

265819. UCW 54-36.

265827. UCW 55-47.

265820. UCW 54-38.

265828. UCW 55-53.

265821. UCW 54-40.

265829 to 265831. COFFEA (hybrids). Rubiaceae. **Coffee.**

From Portugal. Seeds presented by Centro de Investigacao das Ferrugens do Cafeeiro, Estacao Agronomica-Nacional, Oeiras. Received May 25, 1960.

265829. No. 1320. S. 882 1/2. From India.

265830. No. 1321. S. 882 2/1. From India.

265831. No. 1323. S. 881 4/9. From India.

265832. PRINGLEA ANTISCORBUTICA R. Br. ex Hook. Brassicaceae.
Kerguelen cabbage.

From France. Seeds presented by the Musuem National d'Histoire Naturelle, Paris. Received May 26, 1960.

Collected on Kerguelen Island.

265833. PRUNUS DOMESTICA L. Amygdalaceae. **Plum.**

From Argentina. Seeds presented by Eric E. Montgomery, Forth Worth, Texas. From the Ministry of Agriculture, Buenos Aires. Received May 26, 1960.

'Basaricatta'. An Italian variety; fruit long "tear-drop" shaped; skin golden yellow; flesh yellow, firm, very sweet, aromatic, agreeable; early maturing; a good shipper.

265834 to 265840. CITRUS sp. Rutaceae.

From French West Africa. Seeds presented by the Station Centrale des Cultures Fruitieres Tropicales, Kindia. Received May 26, 1960.

265834. 'C. M'Guergueb'.

265838. 'Rouge de Foulaya'.

265835. 'Dalaba'.

265839. 'Todo del ano'.

265836. 'Liane'.

265840. 'Webberi'.

265837. 'Naboul'.

265841. DESMODIUM CANESCENS (L.) DC. Fabaceae.

From Spain. Seeds presented by the Madrid Botanical Garden, Madrid.
Numbered May 26, 1960.

265842 and 265843.

From Turkey. Seeds collected by the Westover and Weldman Expedition.
Numbered May 26, 1960.

265842. TRIFOLIUM NIGRESCENS Viv. Fabaceae.

Clover.

Component of P.I. 120159. *Trifolium resupinatum*.

265843. TRIFOLIUM PRATENSE L.

Red clover.

Thirty km. southeast of Izmir.

265844. ERAGROSTIS ECHINOCHLOIDEA Stapf Poaceae.

From South Africa. Seeds collected by B. West, Karoo. Numbered May
26, 1960.

Component of P.I. 190306, *Digitaria eriantha*.

265845 to 265847.

From Spain. Seeds presented by the Horto Botanica, Madrid. Numbered
May 26, 1960.

265845. ERAGROSTIS TEF (Zucc.) Trotter Poaceae.

265846. KOELERIA BERYTHEA Boiss. & Bal. Poaceae.

265847. PENNISETUM MACROURUM Trin. Poaceae.

265848. PENNISETUM QUARTINIANUM A. Rich. Poaceae.

From Ethiopia. Seeds collected by W. A. Archer, agricultural explorer, Crops
Research Division, Plant Industry Station, Beltsville, Md. Numbered
May 26, 1960.

Component of P.I. 196829.

265849 to 265856. THEOBROMA CACAO L. Sterculiaceae.

Cacao.

From Ghana. Budsticks presented by the West African Research Institute,
Tafo. Received May 27, 1960.

265849. Clone No. ACU 85. Tree No. 1088.

265850. Clone No. B 2. Tree No. 582.

265851. Clone No. C 22. Tree No. 428.

265852. Clone No. D 71. Tree No. 817.

265853. Clone No. D 71. Tree No. 857.

265854. Clone No. K 5. Tree No. 837.

265855. Clone No. P 30. Tree No. 204.

265856. Clone No. Y 44. Tree No. 300.

265857 to 265886.

From South America. Sends collected by the Genecenter Expedition of the
Max-Planck Institut, Koln-Vogelsang, in the Andes. Numbered May
27, 1960.

265857 and 265858. SOLANUM BERTHAULTII Hawkes Solanaceae.

265857. R 58/449. EBS 1799.

265858. R 58/497. EBS 1846.

265859. SOLANUM BIGEMINATUM Nees

R 58/1040. EBS 1890.

265857 to 265886—Continued

- 265860 and 265861.** SOLANUM BOLIVIENSE Dunal
265860. R 58/445. EBS 1795.
265861. R 58/492. EBS 1847.
- 265862.** SOLANUM CALCENSE Hawkes
R 58/1030. EBS 1880.
- 265863 and 265864.** SOLANUM CANASENSE Hawkes
265863. R 58/475. EBS 1825.
265864. R 58/481. EBS 1831.
- 265865.** SOLANUM FAMATINAE Bitt. & Wittm.
R 58/465. EBS 1815.
- 265866.** SOLANUM GANDARILLASHII Card.
R 58/491.
- 265867.** SOLANUM INFUNDIBULBIFORME Phil.
R 58/456. EBS 1806.
- 265868 and 265869.** SOLANUM LAPAZENSE Hawkes
265868. R 58/466. EBS 1816.
265869. R 58/470. EBS 1820.
- 265870.** SOLANUM LIGNICAULE Vargas
R 58/1043. EBS 1893.
- 265871.** SOLANUM LIRIUNIANUM Cardenas & Hawkes
R 58/462. EBS 1812.
- 265872.** SOLANUM MEDIANS Bitt.
R 58/1035. EBS 1905.
- 265873 and 265874.** SOLANUM MEGISTACROLOBUM Bitter
265873. R 58/443. EBS 1793.
265874. R 58/458. EBS 1808.
- 265875 and 265876.** SOLANUM NEOHAWESII Ochoa
265875. R 58/1032. EBS 1882.
265876. R 58/1049. EBS 1899.
- 265877 and 265878.** SOLANUM RAPHANIFOLIUM Cardenas & Hawkes
265877. R 58/1019. EBS 1869.
265878. R 58/1023. EBS 1879.
- 265879.** SOLANUM SANCTAE-ROSAE Hawkes
R 58/433. EBS 1783.
- 265880.** SOLANUM SANDEMANII Hawkes
R 58/1017. EBS 1867.
- 265881.** SOLANUM SIMPLIFOLIUM Bitter
R 58/452. EBS 1802.
- 265882 and 265883.** SOLANUM SUCRENSE Hawkes
265882. R 58/447. EBS 1797.
265883. R 58/500. EBS 1850.
- 265884.** SOLANUM YUNGASENSE Hawkes
R 58/1012. EBS 1862.

265857 to 265886—Continued

265885. SOLANUM sp.

R 58/439. EBS 1789.

265886. SOLANUM sp.

R 58/1060. EBS 1910.

265887. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.

From the Netherlands. Seeds presented by the Institute of Horticultural Plant Breeding, Wageningen. Received May 27, 1960.

No. 58049. 'Improved Long Green'.

265888. ECBALLIUM ELATERIUM (L.) A. Rich. Cucurbitaceae. Squirting-cucumber.

From Spain. Seeds presented by the Instituto Nacional para la Produccion de Semillas Selectas, Madrid. Received June 1, 1960.

'Cohombrillo Amargo'.

265889. CEDRUS LIBANII A. Rich. Pinaceae. Cedar-of-Lebanon.

From Spain. Seeds presented by the United States Embassy, Madrid. Received June 1, 1960.

'La Granja'.

265890 to 265906.

From Hong Kong. Seeds presented by the Gardens Division, Urban Services Department, Victoria. Received June 1, 1960.

265890. CELASTRUS HINSII Benth. Celastraceae.

265891. CELASTRUS HINDSII Benth. Celastraceae.

265892. ELAEAGNUS TUTCHERI Dunn. Elaeagnaceae.

265893. ENKIANTHUS QUINQUEFLORUS Lour. Ericaceae.

265894. ERYTHRINA VARIEGATA Stickm. Fabaceae.

265895. EUONYMUS CHINENSIS Lindl. Celastraceae.

265896. EVODIA LEPTA (Spreng.) Merrill Rutaceae.

265897. EVODIA MELIIFOLIA (Hance) Benth. Rutaceae.

265898. ILEX ASPRELLA Champ. ex Benth. Aquifoliaceae.

265899. ILEX CINEREA Champ.

265900. ILEX PUBESCENS Hook. & Arn.

265901. LAWSONIA INERMIS L. Lythraceae. **Henna.**265902. LIQUIDAMBAR FORMOSANA Hance. Hamamelidaceae. **Formosa sweetgum.**265903. PYRACANTHA CRENULATA (D.Don) Roemer Malaceae. **Nepal firethorn.**

265904. QUERCUS MYRSINIFOLIA Blume Fagaceae.

265905. STYRAX SUBERIFOLIA Hook. & Arn. Styracaceae.

265906. STYMPLOCOS CRASSIFOLIA Benth. Symplocaceae.

265907. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From Czechoslovakia. Seeds presented by the Vyzkumny Ustav Krmivarsky, Troubsko u Brna. Received June 1, 1960.

265908 and 265909. ALOPECURUS PRATENSIS L. Poaceae.
Meadow foxtail.

From Germany. Seeds presented by the Botanische Garten zu Halle (Saale).
 Received June 1, 1960.

265908. 'Botan'. Garten Halle (Saale). 1959.

265909. 'Ratswiere'. 1957.

265910 to 265913.

From Germany. Seeds presented by the Saatzuchwirtschaft, Franz Strube
 Company Limited, Schoningen, Sollingen. Received June 1, 1960.

265910 and 265911. AVENA SATIVA L. Poaceae. Common oats.

265910. 'Hafer Erfolg'.

265911. 'Hr. Yelbhafer II'.

265912 and 265913. TRITICUM AESTIVUM L. Poaceae. Common wheat.

265912. 'Sommerweizen Grano'.

265913. 'Sommerweizen Fortschritt'.

265914 to 265945.

From Germany. Plants presented by the Palmengarten, Frankfurt-am-Main.
 Received June 2, 1960.

265914. ALOCASIA KORTHALSII Schott Araceae.

265915. ALOCASIA MICHOLITZIANA Sander

265916. CHLOROPHYTUM BICHETTI (S. Karrer) Backer Liliaceae.

265917. ANTHURIUM sp. Araceae.

265918. APHELANDRA TETRAGONA Nees Acanthaceae.

265919. APHELANDRA FUSCOPUNCTATA Markgr.

265920. APHELANDRA (hybrid)

265921. ARISTOLOCHIA LEUCONEURA Linden Aristolochiaceae.

265922. BEGONIA CRISPULA Brade Begoniaceae.

265923. BEGONIA RAJAH Ridley

265924. CALATHEA CHANTRIERI Bailey Maranthaceae.

265925. CALATHEA ILLUSTRIS Hort. ex Correa.

265926. CALATHEA LINDENIANA Wallis.

265927. CARLUDOVICA PLICATA Koltzsch Cyclanthaceae.

'Picta'.

265928. CLUSIA FLUMINENSIS Planch & Triana. Clusiaceae.

265929. COSTUS IGNAEUS N.E.Br. Zingiberaceae.

265930. CYCLANTHUS CRISTATUS Klotzsch Cyclanthaceae.

265931. GURANIA MALACOPHYLLA Barb. Rodr. Cucurbitaceae.

265932. HOYA MULTIFLORA Blume Asclepidaceae.

265933. IMPATIENS NIAMNIAMENSIS Gilg. Impatiensaceae.

265934. LYCOPODIUM SQUARROSUM Forst. Lycopodiaceae.

265935. LYCOPODIUM sp.

265936. MYRIOCARPA DENSIFLORA Benth. Urticaceae.

265937. PIPER CROCATUM R. & P. Piperaceae.

265914 to 265945—Continued

265938. *PIPER ORNATUM* N. Br. Piperaceae.
 'Typicum'.
265939. *PLATYCERIUM ANGOLENSE* Welw. Polypodiaceae.
265940. *ROUPALA MACROPHYLLA* Pohl Proteaceae.
 'Corcovadensis'.
265941. *SCUTELLARIA VILLOSA* Hook. Menthaceae.
265942. *SELAGINELLA PATULA* Spring. Selaginellaceae.
265943. *SINNINGIA PUSILLA* Baill. Gesneriaceae.
265944. *TYPHONODORUM LINDLEYANUM* Schott Araceae.
265945. *UTRICULARIA LONGIFOLIA* Gardn. Pinguiculaceae.

265946 to 265950. LOLIUM PERENNE L. Poaceae.**Perennial ryegrass.**

From Denmark. Seeds presented by the Seed Testing Committee, Royal Danish Agricultural Society, Copenhagen. Received June 2, 1960.

265946. No. 550685. 'Eagle Hill III'. Late type.
265947. No. 550686. 'E.F. Trifolium III'. Early type.
265948. No. 550687. 'Stensballe III'. Early type.
265949. No. 550688. 'Pajbjergfonden Verna III'. Early type.
265950. No. 550689. 'Pajbjergfonden Ereto III'. Early type.

265951. CANTUA BUXIFOLIA Lam. Polemoniaceae.

From France. Plants presented by Julian Marmier, La Postolle. Received May 20, 1960.

265952. PYRUS NIVALIS Jacq. Malaceae.

From the Netherlands. Seeds presented by the Hortus Botanicus Academicus, Lugduno-Batavus, Leiden. Received June 6, 1960.

265953 and 265954. ALOPECURUS (hybirds) Poaceae. **Foxtail.**

From Germany. Seeds presented by the Max-Planck-Institut, Koln-Vogelsang. Received June 6, 1960.

265953. No. 866.
265954. No. 874.

265955 to 265957. LYCOPERSICON ESCULENTUM Mill. Solanaceae.
Tomato.

From the United States. Seeds presented by J. C. Gilbert, Wooster, Ohio. Numbered June 6, 1960.

Plants determinate, vigorous, large; fruit uniform ripening, has immature color. Resistant to root knot from common races of *Meloidogyne incognita*. True breeding for resistance to *Fusarium* wilt, *Stemphylium solani* and spotted wilt virus, Hawaii strain.

265955. 'Anahu'. HES 6360.
265956. 'Koles C'. Similar to 'Bounty' but has disease resistance.
265957. HES 6321 (6147). Rates high in fruit size, productivity and uniformity. Open vine type.

265958 to 265969.

From Canada. Seeds presented by Hogg & Lytle Limited, Oakwood, Ontario. Received June 6, 1960.

265958 to 265969—Continued

- 265958 to 265961. *AVENA SATIVA* L. Poaceae. **Common oats.**
 265958. 'Blenda'.
 265959. 'Lightning' ('Blixt').
 265960. 'Nip Black'.
 265961. 'Stromogul Black'.
- 265962 to 265967. *HORDEUM VULGARE* L. Poaceae. **Barley.**
 265962. 'Asa'. Six rowed.
 265963. 'Edda II'. Six rowed.
 265964. 'Freja'.
 265965. 'Pallas'.
 265966. S 02102.
 265967. SV 04080.
265968. *SECALE CEREALE* L. Poaceae. **Rye.**
 'Midsummer'.
265969. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**
 'Drott'. Svalof spring type.
- 265970. ARACHIS HYPOGAEA** L. Fabaceae. **Peanut.**
 From the Netherlands. Seeds presented by the Laboratory of Tropical Agriculture, Wageningen. Received June 6, 1960.
 'Schwarz No. 21'.
- 265971 to 265997. ZEA MAYS** L. Poaceae. **Corn.**
 From Mexico. Seeds presented by the Oficina de Estudios Especiales, Secretaria de Agricultura y Ganaderia, Londres. Received June 6, 1960.
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| 265971. 'Arrocillo Amarillo'. | 265985. 'Jala'. |
| 265972. 'Arrocillo Blanco'. | 265986. 'Nal-Tel'. |
| 265973. 'Bolita'. | 265987. 'Olotillo'. |
| 265974. 'Cacahuacintle'. | 265988. 'Oloton'. |
| 265975. 'Celaya'. | 265989. 'Palomero Tolugueno'. |
| 265976. 'Chalgueno'. | 265990. 'Pepitilla'. |
| 265977. 'Chapalote'. | 265991. 'Reventador'. |
| 265978. 'Comitew'. | 265992. 'Tabloneillo'. |
| 265979. 'Conico'. | 265993. 'Tebua'. |
| 265980. 'Conico Norteno'. | 265994. 'Tepecintle'. |
| 265981. 'Dulce'. | 265995. 'Tuxpeno'. |
| 265982. 'Fapalote Chico'. | 265996. 'Tuxpeno Delgado'. |
| 265983. 'Fapalote Grande'. | 265997. 'Vandeno'. |
| 265984. 'Harinosa de Ocho'. | |
- 265998. HIBISCUS CANNABINUS** L. Malvaceae. **Kenaf.**
 From Viet-Nam. Seeds presented by the United States Operations Mission, Saigon. Received June 6, 1960.
 'Thai Red'.

265999 to 266003. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From Bulgaria. Seeds presented by the Bulgarian Academy of Sciences, Institute of Plant Growing, Plant Introduction Department, Sofia. Received June 6, 1960.

265999. 'Goena-Banja'.

266002. 'Warburg'.

266000. 'Thbinskii'.

266003. 'Wyczynilik Lakowy'.

266001. 'Vetrovsky'.

From Czechoslovakia.

266004. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From Turkey. Seeds presented by the Regional Seed Improvement and Experiment Station, Adapazari. Received June 6, 1960.

'Albidum'. Winter-hardy, early-maturing variety, primarily from Marmara and Ege Regions. Head beardless, midlong, erect; outer glume wide, white; shoulder wide; beak very short; kernel medium size, elliptical, slight blunt brush ends; straw strong, stands well in field maturity; grain white, high test weight. Resistant to bunt and loose smut; moderately resistant to stem and leaf rust. Has fair milling and baking properties.

266005. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From Yugoslavia. Seeds presented by the Institute for Plant Breeding and Plant Production, Department of Introduction, Zemun. Received June 6, 1960.

266006 to 266010. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From Poland. Seeds presented by the Panswoy Instytut Naukowy, Lecznieznych Surowcow Roslinnych, Poznaniu. Received June 6, 1960.

Collected in the Notec River valley.

266006. No. 150. Old pasture, Netuszkowo, District Chodziej, Palatinate Poznan.

266007. No. 344. Meadow, Nietuszkowo, District Chodziej, Palatinate Poznan.

266008. No. 386. Meadow, Trojanka, District Chodziej, Palatinate Poznan.

266009. No. 493. Meadow, Chrustowo, District Chodziej, Palatinate Poznan.

266010. No. 607. Meadow, Rynarzewo, District Szubin, Palatinate Bydgoszcz.

266011. CLEMATIS ARISTATA R. Br. Ranunculaceae.

From Australia. Seeds presented by Commonwealth Scientific and Industrial Research Organization, Hobart, Tasmania. Received June 7, 1960.

266012 to 266031. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. Watermelon.

From Venezuela. Seeds presented by the Instituto de Genetica, Facultad de Agronomia, Maracay. Received June 7, 1960.

Tetraploid.

266012. 59.1006 (1) (X).

266017. 59.1006 (6) (X).

266013. 59.1006 (2) (X).

266018. 59.1006 (8) (X).

266014. 59.1006 (3) (X).

266019. 59.1006 (9) (X).

266015. 59.1006 (4) (X).

266020. 59.1006 (10) (X).

266016. 59.1006 (5) (X).

266021. 59.1006 (11) (X).

266012 to 266031—Continued

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| 266022. | 59.1006 (16) (X). | 266027. | 59.1007 (1) (X). |
| 266023. | 59.1006 (17) (X). | 266028. | 59.1007 (2) (X). |
| 266024. | 59.1006 (18) (X). | 266029. | 59.1006 (3) X 59.1007 (1). |
| 266025. | 59.1006 (20) (X). | 266030. | 59.1006 (4) X 59.1007 (1). |
| 266026. | 59.1006 (23) (X). | 266031. | 59.1006 (17) X 59.1007 (1). |

266032 to 266037.

From Germany. Plants presented by F. Bergmann, Potsdam. Received Nov. 20, 1959. Numbered June 7, 1960.

266032. *CYTISUS PURPUREUS* Scop. Fabaceae. **Broom.**
No. 6.
- 266033 to 266035. *LABURNOCYTISUS* × *ADAMII* (Poit.) Schn. Fabaceae.
266033. No. 11.
266034. No. 12.
266035. No. 13.
- 266036 and 266037. *LABURNUM ANAGYROIDES* Medicus Fabaceae. **Goldenchain.**
266036. No. 2.
266037. No. 5.

266038 to 266042.

From Mexico. Seeds presented by the Oficina de Estudios Especiales, Secretaria de Agricultura y Ganaderia, Mexico, D.F. Received June 7, 1960.

May be resistant to *Phytophthora* diseases.

- 266038 to 266040. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
266038. 59C-110. Selfed.
266039. 59C-160. Selfed.
266040. 59C-161. Selfed.
- 266041 and 266042. *CAPSICUM PENDULUM* Willd.
266041. 59C-162. Selfed.
266042. 59C-163. Open pollinated.

266043. MICROTRUS WARBURGIANA (F. W. Bail.) Tan. Rutaceae.

From New Guinea. Fruits presented by the Department of Agriculture, Port Moresby, Papua. Received June 7, 1960.

Collected in eastern Papua.

266044 to 266052.

From Poland. Seeds presented by Wyzsza Szkola Rolnicza w Olsztynie, Zaklad Cytogenetyki. Received June 7, 1960.

266044. *TRIFOLIUM HYBRIDUM* L. Fabaceae. **Alsike clover.**
- 266045 to 266052. *TRIFOLIUM PRATENSE* L. **Red clover.**
266045. 'Gloria'.
266046. 'Hruszowska'.
266047. 'Wielkolistna'.

266044 to 266052—Continued**266045 to 266052—Continued**

Local ecotypes.

266048. No. 434.**266051.** No. 530.**266049.** No. 447.**266052.** No. 614.**266050.** No. 527.**266053 and 266054.**

From Belgium. Seeds presented by the Jardin Botanique, Plantentuin, Antwerp. Received June 7, 1960.

266053. *ALOPECURUS PRATENSIS* L. Poaceae.**Meadow foxtail.****266054.** *RUBUS ILLECEBROSUS* Focke. Rosaceae.**266055 to 266059.** *MANGIFERA INDICA* L. Anacardiaceae.**Mango.**

From Pakistan. Grafted plants presented by the United States Operations Mission, Lahore. Numbered June 7, 1960.

266055. 'Aman Dusehri'.**266058.** 'Samar Behishet'.**266056.** 'Fajri'.**266059.** 'Him Sagar'**266057.** 'Langra'.

('Cool Sea').

266060 to 266068. *SORGHUM BICOLOR* (L.) Moench Poaceae.

From Guatemala. Seeds presented by the Institute of Inter-American Affairs, United States Embassy, Guatemala City. Received June 7, 1960.

266060. No. 6907. Col. 1. Cubulco.**266061.** No. 6911. Col. 5. St. Cruz el Chol.**266062.** No. 6913. Col. 7. Saltan.**266063.** No. 6915. Col. 9. Suacien.**266064.** No. 6916. Col. 10. Tiucal.**266065.** No. 6917. Col. 11. Villa Linda N.P.**266066.** No. 6918. Col. 12. Ipala.**266067.** No. 6919. Col. 13. Quezaltepeque.**266068.** No. 6920. Col. 14. Carrizal, Chig.**266069 and 266070.** *PISUM SATIVUM* L. Fabaceae.

From Sweden. Seeds presented by the Plant Breeding Institute, Weibullsholm, Landskrona. Received June 7, 1960.

Internodes long (Plant height ca. 170 cm.); flowers white; cotyledons green; seeds round, smooth; pod wall normal thickness.

266069. Line No. 110. Selection from the French variety 'Roi des Gourmands'.**266070.** Line No. 930. Single plant selection from the 'Kloster Pea' ('Monopol' \times 'Ambrosia').**266071 to 266075.** *GOSSYPIUM* (hybrids). Malvaceae. **Cotton.**

From France. Seeds presented by the Institut de Recherches du Coton et des Textiles Exotiques, Paris. Received June 7, 1960.

266071. Plant No. 35. F2 D5 \times D1.**266072.** Plant No. 38. F2 D5 \times D1.**266073.** Plant No. 48. F2 D5 \times D1.**266074.** Plant No. 63. F2 D5 \times D1.**266075.** D5 \times D1. Seed parent fertile, nonphotoperiodic, leaves slightly lobed, recovered in the F₃.

266076 to 266084. ORYZA SATIVA L. Poaceae.

From India. Seeds presented by the Ministry of Food and Agriculture, Central Rice Research Institute, Cuttack, Orissa State. Received June 7, 1960.

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| 266076. GS. No. 339. | 266081. GS. No. 509. |
| 266077. GS. No. 340. | 266082. Ac. No. 1672. |
| 266078. GS. No. 355. | 266083. Ac. No. 1678. |
| 266079. GS. No. 507. | 266084. Ac. No. 1711. |
| 266080. GS. No. 508. | |

266085. GLYCINE MAX (L.) Merrill Fabaceae. Soybean.

From Malaya. Seeds presented by the United States Embassy, Kuala Lumpur. Received June 7, 1960.

266086. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From the Union of Soviet Socialist Republics. Seeds presented by the Hortus Botanicus Academiae Scientiarum, Kazachstan. Received June 7, 1960.

266087. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From Poland. Seeds presented by the Hortus Botanicus, Universitatis Varsaviensis, Warszawa. Received June 7, 1960.

266088 and 266089. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From Germany. Seeds presented by the Botanisches Institut und Botanischer Garten der Universität, Tübingen. Received June 7, 1960.

266088. No. 1.
266089. No. 2.

266090 to 266098. ORYZA SATIVA L. Poaceae.

From Ceylon. Seeds presented by the Department of Agriculture, Peradeniya. Received June 7, 1960.

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| 266090. 'Dahanala 2014'. | 266095. 'Murunga 308'. |
| 266091. 'Heenati 309'. | 266096. 'Pachchaiperumal
2462/11'. |
| 266092. 'Heenati 310'. | 266097. 'Suduwi 305'. |
| 266093. 'Murunga 137'. | 266098. 'Suduwi 306'. |
| 266094. 'Murunga 307'. | |

266099 to 266104.

From Poland. Seeds presented by the Instytut Hodowli i Aklimat. Roslin Zakład Buraka i Innych Roslin Korzeniowych Bydgoszcz. Received June 7, 1960.

266099. BETA PATELLARIS Moq. Chenopodiaceae.
'Campanulata'.

266100 to 266104. BETA VULGARIS L. Chenopodiaceae. Beet.

266100. Self sterile bigerm. Bi IHAR. $2n=18$.
266101. Self sterile monogerm. Mono IHAR. $2n=18$.
266102. Self sterile monogerm. Tetra-Mono IHAR. $2n=36$.
266103. Self sterile polygerm. Tetra PCR Nr. 6 IHAR. $2n=36$.
266104. Poly Mono IHAR. $/2 \times -3 \times -4 \times /$.

266105 to 266107. LOLIUM PERENNE L. Poaceae.**Perennial ryegrass.**

From New Zealand. Seeds presented by the Grasslands Divisions of the Department of Scientific and Industrial Research, Palmerston North. Received June 7, 1960.

From Brussels, Belgium.

266105. 'Anglais'. Lawngrass.

266106. 'd' Italie'. Prairiegrass.

266107. 'de Lacey'. Lawn- or prairiegrass.

266108 and 266109.

From Czechoslovakia. Seeds, presented by the Jardin Botanique de l'Ecole Technique d'Agriculture, Tabor. Received June 7, 1960.

266108. ALOPECURUS ARUNDINACEUS Poir. Poaceae.

266109. ALOPECURUS PRATENSIS L.

Meadow foxtail.

266110. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From the Union of South Africa. Seeds presented by the Winter Rainfall Region Laboratory, Stellenbosch. Received June 7, 1960.

266111 and 266112. LOLIUM MULTIFLORUM Lam. Poaceae.**Italian ryegrass.**

From Uruguay. Seeds presented by the Ministerio de Ganaderia y Agricultura, Colonia. Received June 7, 1960.

266111. 'La Estanzuela 284'.

266112. 'La Estanzuela, Cielo Largo'.

266113. LOLIUM PERENNE L. Poaceae.**Perennial ryegrass.**

From New Zealand. Seeds presented by the United States Agricultural Attache, Wellington. Received June 7, 1960.

266114 to 266123. ORYZA SATIVA L. Poaceae.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received June 8, 1960.

266114. K-3772. 'Dichroa'.

266119. K-3672. 'Erythroceros'.

266115. K-3599. 'Italica'.

266120. K-3673. 'Italica'.

266116. K-3638. 'Subvulgaris'.

266121. K-3753. 'Italica'.

266117. K-3639. 'Italica'.

266122. K-3870. 'Italica'.

266118. K-3670. 'Zeravschanica'.

266123. K-3626. 'Zilanica'.

266124 to 266135. HORDEUM VULGARE L. Poaceae.**Barley.**

From Sweden. Seeds presented by the Swedish State Plant Protection Institute, Svalov. Received June 8, 1960.

266124. 'Asa'.

266130. 'Pallas'.

266125. 'Bonus'.

266131. 'Presto'.

266126. 'Bore II'.

266132. 'Primus II'.

266127. 'Brage'.

266133. 'Stella'.

266128. 'Edda II'.

266134. 'Svanhals'.

266129. 'Freja'.

266135. 'Ymer'.

266136 to 266157. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Italy. Seeds presented by the Instituto di Agronomia Generale, e Coltivazioni Erbacee, Universita di Padova, Padova. Received June 8, 1960.

266136. 'Argelato T. 22'.	266147. 'Leonardo'.
266137. 'Argento'.	266148. 'Leone'.
266138. 'ATM 43'	266149. 'Mara'.
266139. 'Campodoro'.	266150. 'Mara Migliorato'.
266140. 'Carlo Gallini'.	266151. 'Mo Mimpas'.
266141. 'Conte Marzotto'.	266152. 'Mo Tepas'.
266142. 'Damiano Chiesa'.	266153. 'Produttore S. 6'.
266143. 'Funello'.	266154. 'S. A. Marimp 3'.
266144. 'Funotto'.	266155. 'S. A. Marimp 8'.
266145. 'Generoso Fam 7'.	266156. 'S. Pastore'.
266146. 'Glutinoso S. 15'.	266157. 'Tipo Acciaio'.

Stirpe C 2-6-1.

266158 and 266159. SORGHUM (hybrids). Poaceae.

From Nigeria. Seeds presented by H. Royer, Waka via Biu & Jos. Received June 8, 1960.

266158. Jerima Chibuk'.
266159. 'Twin Sorghum'.

266160 to 266163. ORYZA SATIVA L. Poaceae.

From Hungary. Seeds presented by the National Institute of Agrobotany, Tapioszele. Received June 9, 1960.

266160. 'Omirt. 39'. Selection from 'Unghan Shali'. Seedlings emerge mid-May, flower August 4, ripen September 15. Height 35.5 inches; blast resistance very poor; resistance to lodging poor; 18 percent shatter, yield excellent.
266161. 'Szegedi Szakalas 28'. Selection from 'Arpa Shal'. Seedlings emerge mid-May, flower August 8, ripen September 19. Height 43.25 inches; blast resistance poor; resistance to lodging very poor; 14 percent shatter, yield good.
266162. 'Szegedi Szakalas 30'. Selection from 'Arpa Shali'. Seedlings emerge mid-May, flower August 8, ripen September 19. Height 43.25 inches; blast resistance poor; resistance to lodging very poor; 14 percent shatter, yield good.
266163. 'Omirt 168'. Selection from 'Dunghan Shali'. Seedlings emerge mid-May, flower August 4, ripen September 15. Height 35.5 inches; blast resistance very poor; resistance to lodging poor; 17 percent shatter, yield excellent.

266164 to 266183.

From Japan. Seeds presented by the Sanwa Trading Company, Limited Nakanegishi, Isogo-ku. Numbered June 9, 1960.

266164. ABIES SACHALINENSIS var. MAYRIANA Miyab & Kudo. Pinaceae.
Sakhalin fir.
266165. CERCIS CHINENSIS Bunge Caesalpiniaceae. Chinese redbud.
- 266166 and 266167. CORNUS CONTROVERSA Hemsley. Cornaceae.
Giant dogwood.
266166. No data.
- 266167.

266164 to 266183—Continued

266168. *DISANTHUS CERCIDIFOLIA* Maxim. Hamamelidaceae.
 266169. *ILEX INTEGR*a Thunb. Aquifoliaceae.
 266170. *ILEX LATIFOLIA* Thunb.
 266171. *ILEX MONTANA* var. *MACROPODA* Fernald
 266172. *ILEX PEDUNCULOSA* Miquel
 266173. *ILEX PEDUNCULOSA* Miquel
 'Fujisanensis'.
 266174. *JUNIPERUS CONFERTA* Parlatores Pinaceae.
 266175. *MAGNOLIA OBOVATA* Thunb. Magnoliaceae.
 266176. *MAGNOLIA STELLATA* (Sieb. & Zucc.) Maxim.
 266177. *PINUS KORAIENSIS* Sieb. & Zucc. Pinaceae. Korean pine.
 266178. *PINUS PARVIFLORA* Sieb. & Zucc. Japanese white pine.
 266179. *PINUS THUNBERGII* Parl. Japanese black pine.
 266180. *RHODODENDRON JAPONICUM* (Gray) Schneid. Ericaceae. Japanese azalea.
 266181. *TUMION NUCIFERUM* (L.) Greene Taxaceae.
 266182. *VIBURNUM FURCATUM* Blume Caprifoliaceae. Forked viburnum.
 266183. *VIBURNUM WRIGHTII* Miquel Wright viburnum.

266184 to 266190.

From Jordan. Seeds presented by the United States Operations Mission, Amman. Received June 9, 1960.

266184. *HYPARRHENIA HIRTA* (L.) Stapf Poaceae.
 266185. *PENNISETUM ORIENTALE* L. C. Rich. Poaceae.
 266186. *PHALARIS CANARIENSES* L. Poaceae. Canarygrass.
 266187. *SESAMUM INDICUM* L. Pedaliaceae. Sesame.
 266188. *SORGHUM BICOLOR* (L.) Moench Poaceae.
 266189. *STIPA AVENACEA* L. Poaceae.
 266190. *VICIA SATIVA* L. Fabaceae. Common vetch.

266191 to 266194.

From the Union of South Africa. Seeds presented by the Division of Crops and Pastures, Department of Agriculture Pretoria. Received June 9, 1960.

266191. *ANDROPOGON APPENDICULATUS* Nees Poaceae.
 266192. *DICHANTHIUM ARISTATUM* (Poir.) C. E. Hubb.
 266193. *BOTHRIODCHLOA INSCULPTA* (Hochst.) A. Camus Poaceae.
 266194. *BOTHRIODCHLOA INTERMEDIA* (R. Br.) A. Camus

266195 to 266199.

From Argentina. Seeds presented by the Institute de Fitotecnia, Castelar, Province of LaPampa. Received June 9, 1960.

266195. *HORDEUM COMPRESSUM* Griseb. Poaceae.
 From Anguil.
 266196. *HORDEUM HEXAPLOIDUM* Covas
 From El Carancho.

266195 to 266199—Continued**266197.** *HORDEUM JUBATUM* L.**Foxtail barley.**

From El Carancho.

266198. *HORDEUM STEBBINSII* Covas

From Anguil.

266199. *HORDEUM STENOSTACHYS* Godr.

From Anguil.

266200 to 266204. *NICOTIANA* (hybrids). Solanaceae.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received June 9, 1960.

266200. 'Majorca'. Few sucker.**266201.** 'Ostrolist 2747'.**266202.** 'Pogarski 3'.**266203.** 'Samsun'. From Turkey 940.**266204.** 'Samsun'. From Turkey 959.**266205 to 266209.**

From the Netherlands. Seeds presented by D. J. Van Der Have, Kapelle-Biezelinge. Received June 9, 1960.

266205 and 266206. *DACTYLIS GLOMERATA* L. Poaceae.**Orchardgrass.****266205.** 'Dorise'.**266206.** 'Heidemii'.**266207 and 266208.** *FESTUCA RUBRA* L. Poaceae.**Red fescue.****266207.** 'Golfrood'.**266208.** 'Sioux'.**266209.** *POA PRATENSIS* L. Poaceae.**Kentucky bluegrass.**

'Prato'.

266210 to 266213.

From China. Seeds presented by the Ministry of Economic Affairs, Taiwan. Received June 9, 1960.

266210. *CENTROSEMA PUBESCENS* Benth. Fabaceae.

No. C25.

266211. *DESMODIUM INTORTUM* (Mill.) Urb. Fabaceae.

No. C50.

266212. *GLYCINE JAVANICA* L. Fabaceae.

No. C47. 'Rhodesian Kudzu'.

266213. *STYLOSANTHES GRACILIS* HBK. Fabaceae.

No. C45.

266214 to 266220. *GOSSYPIUM* (hybrids). Malvaceae. **Cotton.**

From Guadalcanal. Seeds presented by the Department of Agriculture, British Solomon Islands Protectorate, Honiara. Received June 10, 1960.

Long staple cotton growing on littoral coral detritus.

266214. No. 1**266218.** No. 5.**266215.** No. 2.**266219.** No. 6.**266216.** No. 3.**266220.** No. 7.**266217.** No. 4.

- 266221.** *ALOPECURUS PRATENSIS* L. Poaceae. **Meadow foxtail.**
From France. Seeds presented by the Museum d'Histoire Naturelle, Paris.
Received June 10, 1960.
- 266222 to 266224.** *ALOPECURUS PRATENSIS* L. Poaceae. **Meadow foxtail.**
From Poland. Seeds presented by the Plant Breeding and Acclimatization
Institute, Warsaw. Received June 10, 1960.
266222. 'Brudzynski'.
266223. 'Polanowicki'.
266224. 'Pudawski'.
- 266225.** *HIBISCUS CANNABINUS* L. Malvaceae. **Kenaf.**
From China. Seeds presented by the Joint Commission on Rural Reconstruc-
tion, Taipei, Taiwan. Received 10, 1960.
- 266226.** *DACTYLIS GLOMERATA* L. Poaceae. **Orchardgrass.**
From Australia. Seeds presented by the University of Sydney, New South
Wales. Received June 10, 1960.
- 266227 and 266228.** *PHALARIS AQUATICA* L. Poaceae.
From Australia. Seeds presented by the Commonwealth Scientific and In-
dustrial Research Organization, Canberra. Received June 10, 1960.
266227. No. 14418. From 13 miles south of Arronches, Portugal.
266228. No. 14696. Near Aulmes-Thermes, Morocco.
- 266229 to 266264.**
From Japan. Seeds presented by the Government Forest Experiment Station,
Meguro. Received June 10, 1960.
- From Takizawa, Iwate Prefecture unless otherwise noted.
266229. *ACHILLEA PTARMICA* Linn. Asteraceae.
'Macrocephala'.
266230. *ADENOPHORA TRIPHYLLA* A.DC. Campanulaceae.
'Japonica'.
266231. *ALISMA PLANTAGO* Linn. Alismaceae.
266232. *ALNUS JAPONICA* Sieb. & Zucc. Betulaceae. **Japanese alder.**
266233. *ARALIA ELATA* (Miquel) Seem. Araliaceae.
266234. *CALLICARPA JAPONICA* Thunb. Verbenaceae. **Japanese beautyberry.**
266235. *CARDIOCRINUM CORDATUM* var. *GLEHNI* (Fr. Schm.) Owhi Lili-
aceae.
266236. *CELASTRUS ARTICULATUS* Thunb. Celastraceae.
Oriental bittersweet.
266237. *CONVALLARIA KEISKEI* Miq. Convallariaceae.
266238. *ELAEAGNUS UMBELLATA* Thunb. Elaeagnaceae. **Autumn elaeagnus.**
266239. *EUONYMUS ALATUS* (Thunb.) Rupr Celastraceae.
Winged euonymus.
266240. *EUONYMUS OXPHYLLUS* Miquel
266241. *GYMNADENIA CAMTSCHATICA* Miyabe & Kudo Orchidaceae.
Orchid.
266242. *HYDRANGEA PANICULATA* Siebold Hydrangeaceae.
266243. *JUGLANS AILANTHIFOLIA* Carr. Juglandaceae.
Tamayama, Iwate Prefecture.

266229 to 266264—Continued

266244. JUGLANS CORDIFORMIS Maxim. Juglandaceae. Flat walnut.
Hirosaki, Aomori Prefecture.
266245. KALOPANAX PICTUM (Thunb.) Nakai Araliaceae.
266246. LITHOSPERMUM ERYTHORRHIZON Sieb. & Zucc. Boraginaceae.
266247. LYSIMACHIA VULGARIS L. Primulaceae. Golden loosestrife.
266248. MAGNOLIA KOBUS DC. Magnoliaceae. Kobus magnolia.
266249. MAGNOLIA OBOVATA Thunb.
266250. MALUS BACCATA var. MANDSHURICA (Maxim.) C.Scheid. Malaceae.
Manchurian crabapple.
266251. MELANDRIUM FIRMUM (Sieb. & Zucc.) Rhoenbach Silenaceae.
266252. PAEONIA JAPONICA Miyabe & Takeda Ranunculaceae.
266253. PATRINIA SCABIOSIFOLIA Fisch. Valerianaceae.
266254. RHAMNUS DAVURICA var. NIPPONICA Makino Rhamnaceae.
266255. RHAMNUS JAPONICA Maximowicz.
266256. RHUS JAVANICA L. Anacardiaceae. Java sumac.
266257. SORBUS ALNIFOLIA (Sieb. & Zucc.) Koch Malaceae.
266258. SPIRAEA JAPONICA L.f. Rosaceae. Japanese spirea.
266259. STAPHYLEA BUMALDA DC. Staphyleaceae.
266260. SWERTIA BIMACULATA (Sieb. & Zucc.) Hook. f. & Thom.
Gentianaceae.
266261. SYMPLOCOS CHINENSIS Koidzumi Symplocaceae.
'Pilisa'.
266262. VACCINIUM OLDHAMII Miq. Vacciniaceae.
266263. VERONICASTRUM SIBIRICUM (L.) Pennell Scrophulariaceae.
'Japonicum'.
266264. VIBURNUM OPULUS L. Caprifoliaceae. European cranberrybush.
'Calvescens'.

266265 to 266290.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received June 13, 1960.

- 266265 to 266267. AVENA BYZANTINA Koch Poaceae. Oats.
266265. K-4085.
266266. K-4783/I.
266267. K-5396.
- 266268 to 266271. AVENA SATIVA L. Common oats.
266268. 'Aurea K-2605'.
266269. 'Aurea K-6120'.
266270. 'Aurea K-7567'.
266271. 'Aurea K-9623'.
266272. AVENA SATIVA var. ARISTATA Schlecht. Oats.
K-10064.
- 266273 and 266274. AVENA SATIVA var. CINEREA Koern. Oats.
266273. K-10069.
266274. K-10089.

266265 to 266290—Continued

266275. AVENA SATIVA var. GRISEA Koern. Oats.
K-10890.

266276 to 266290. AVENA SATIVA var. MUTICA Schlecht. Oats.

266276. K-2590. 266284. K-9523.

266277. K-3142. 266285. K-9524.

266278. K-3969. 266286. K-9624.

266279. K-6032. 266287. K-10066.

266280. K-6103. 266288. K-10780.

266281. K-6115. 266289. K-10789.

266282. K-8077. 266290. K-10829.

266283. K-9371.

266291 to 266293. LOLIUM PERENNE L. Poaceae.

Perennial ryegrass.

From the Netherlands. Seeds presented by Barenburg's Zaadhandel N. V. Arnhem. Received June 13, 1960.

266291. 'Barenza'. Early hay type.

266292. 'Barenza'. Late hay type.

266293. 'Barenza'. Pasture type.

266294. LUPINUS ALBUS L. Fabaceae.

White lupine.

From Australia. Seeds presented by the Institute of Agriculture, University of Western Australia, Nedlands. Received June 13, 1960.

266295 to 266304. LUPINUS LUTEUS L. Fabaceae.

European yellow lupine.

From Sweden. Seeds presented by the Sveriges Utsadesforening, Landskrona. Received June 13, 1960.

T 1 to T 14 are X-ray mutations.

266295. T 1. 266299. T 8. Early.

266296. T 2. 266300. T 12

266297. T 4. 266301. T 14.

266298. T 6.

266302. Line 01007. Yellow sweet \times yellow bitter; vigorous grower, early ripening, good yielder.

266303. Line 01008. Yellow sweet \times yellow bitter; vigorous grower, early ripening, good yielder.

266304. 'Svalofs Borre'. Sweet blue lupine.

266305. MELOCANNA BACCIFERA (Roxb.) Kurz. Poaceae.

From Burma. Seeds presented by the United States Embassy, Rangoon. Received June 14, 1960.

266306 to 266374.

From Japan. Seeds presented by H. Kubota, Nikko, Tochigi-Prefecture. Received June 14, 1960.

266306. ACANTHOPANAX SCIADOPHYLLOIDES Franch & Savat. Araliaceae.

266307. ACER ARGUTUM Maxim. Aceraceae. Maple.

266308. ACER CARPINIFOLIUM Sieb. & Zucc. Hornbeam maple.

266309. ACER CAUDATUM var. UKURUNDUENSE Rehder Maple.

266306 to 266374—Continued

266310. ACER CISSIFOLIUM (Sieb. & Zucc.) Koch Maple.
266311. ACER CRATAEGIFOLIUM Sieb. & Zucc. Maple.
266312. ACER DIABOLICUM Blume ex Koch Devil maple.
266313. ACER DISTYLIUM Sieb. & Zucc. Maple.
266314. ACER JAPONICUM Thunb. Fullmoon maple.
266315. ACER MICRANTHUM Sieb. & Zucc. Maple.
266316. ACER MONO Maxim. Maple.
'Eupictum'.
266317. ACER PALMATUM Thunb. Japanese maple.
'Dissectum'.
266318. ACER PALMATUM var. HEPTALOBUM Rehder Maple.
266319. ACER SHIRASAWANUM Koidzum Maple.
266320. ACTINIDIA KOLOMIKTA (Maxim.) Rupr. ex Maxim. Dilleniaceae. Kolomikta.
266321. ARALIA ELATA (Miquel) Seem. Araliaceae.
266322. ARDISIA JAPONICA (Thunb.) Blume Myrsinaceae.
266323. BERBERIS THUNBERGII var. MAXIMOWICZII Regel Berberidaceae. Coral barberry.
266324. BETULA ERMANNII Champ. Betulaceae.
266325. BETULA GLOBISPICA Shirai.
266326. BETULA GROSSA Sieb. & Zucc.
266327. BETULA PLATYPHYLLA var. JAPONICA (Miq.) Hara
266328. BETULA SCHMIDTII Regel Birch.
266329. CALLICARPA JAPONICA Thunb. Verbenaceae. Japanese beautyberry.
266330. CARPINUS EROSA Blume Betulaceae.
266331. CERCIDIPHYLLUM JAPONICUM Sieb. & Zucc. ex Miq. Trochodendraceae. Katsura-tree.
266332. CERCIDIPHYLLUM MAGNIFICUM Nakai
266333. CHAMAECYPARIS OBTUSA (Sieb. & Zucc.) Endl. Pinaceae. Hinoki cypress.
266334. CLEMATIS OCHOTENSIS Poir Ranunculaceae.
'Japonica'. (Habitat: Nikko mountain range).
266335. CLEMATIS STANS Sieb. & Zucc.
266336. ENKIANTHUS CAMPANULATUS (Miquel) Nichols Eriaceae. Redvein enkianthus.
266337. EUONYMUS PLANIPES Koehne Celastraceae.
266338. ILEX CRENATA Thunb. Aquifoliaceae. Japanese holly.
266339. ILEX CRENATA ssp. RADICANS (Nakai) Tatewaki Japanese holly.
- 266340 and 266341. ILEX LEUCOCLADA Makino
266340. No. 1.
266341. No. 2.
266342. ILEX PEDUNCULOSA Miquel
266343. ILEX RUGOSA Fr. Schmidt
266344. ILEX SERRATA Thunb. Finetooth holly.
266345. ILEX SERRATA f. LEUCOCARPA Beissn.

266306 to 266374—Continued

266346. *ILEX SUGEROKII* Maxim.
266347. *JUNIPERUS CHINENSIS* var. *SARGENTII* Henry Pinaceae.
266348. *JUNIPERUS COMMUNIS* var. *NIPPONICA* (Maxim.) Wilson
266349. *LESPEDEZA NIPPONICA* Nakai Fabaceae.
266350. *LEUCOTHOE GRAYANA* Maxim. Ericaceae.
'Glauca'.
266351. *LEUCOTHOE GRAYANA* var. *OBLONGIFOLIA* (Miq.) Ohwi
266352. *LEUCOTHOE KEISKEI* Miquel
266353. *LYONIA NEZKII* Kakai & Hara Ericaceae.
266354. *PIERIS JAPONICA* (Thunb.) G. Don Ericaceae.
- 266355 and 266356. *PTEROSTYRAX HISPIDA* Sieb. & Zucc. Styracaceae.
Fragrant epaulette-tree.
266355. No. 1.
266356. No. 2.
266357. *RHODODENDRON JAPONICUM* (Gray) Schneid. Ericaceae.
Japanese azalea.
266358. *RHODODENDRON KEISKEI* Miquel
266359. *RHODODENDRON OBTUSUM* var. *KAEMPFERI* (Planch.) Wilson
266360. *RHODODENDRON RETICULATUM* D. Don ex G. Don
266361. *RHODODENDRON SCHLIPPENBACHII* Maxim. Royal azalea.
266362. *RHODODENDRON SEMIBARBATUM* Maxim.
266363. *SKIMMIA JAPONICA* var. *REPENS* (Nakai) Thunb. Rutaceae.
266364. *SORBUS ALNIFOLIA* (Sieb. & Zucc.) Koch Malaceae.
266365. *SORBUS COMMIXTA* Hedl. Japanese mountain-ash.
266366. *SORBUS GRACILIS* (Sieb. & Zucc.) Koch
266367. *VACCINIUM HIRTUM* var. *SMALLII* (Gray) Maxim. Vacciniaceae.
266368. *VACCINIUM OLDHAMII* Miquel
266369. *VIBURNUM JAPONICUM* (Shank.) Spreng. Caprifoliaceae.
266370. *VIBURNUM PHLEBOTRICHUM* Sieb. & Zucc.
266371. *VIBURNUM URCEOLATUM* Sieb. & Zucc.
266372. *VIBURNUM WRIGHTII* Miquel Wright viburnum.
266373. *VITIS COIGNETIAE* Pulliat ex Planch. Vitaceae. Gloryvine.
266374. *VITIS FLEXUOSA* Thunb. Grape.

266375 to 266388.

From Peru. Seeds collected by Donovan S. Correll, Texas Research Foundation, Renner, Texas; collaborator, Crops Research Division, Beltsville, Md. Received June 14, 1960.

- 266375 and 266376. *LYCOPERSICON CHEESEMANII* Riley Solanaceae.
266375. Col. No. P789. Km. 94, in desert between Chancay and Huacho, Lima Department.
266376. Col. No. P834. Near Magdalena, between Chilete and pass, road to Cajamarca, Cajamarca Department. Elevation 4,600 feet.
266377. *LYCOPERSICON* sp.
Col. No. P943. Above Pariacoto, Ancash Department. Elevation 4,600 feet.

266375 to 266388—Continued

266378. *NICOTIANA GLUTINOSA* L. Solanaceae.

Col. No. P835. Between Chilete and pass, road to Cajamarca, near Magdalena, Cajamarca Department. Elevation 4,600 feet.

266379. *NICOTIANA THYRSIFLORA* Goodspeed

Col. No. P865A. In mountains near entrance to Hacienda Porcon, Cajamarca Department. Elevation 11,600 feet.

266380. *NICOTIANA PANICULATA* L.

Col. No. P979. Cerro Blanco, Paramonga Sugar Central, Lima Department.

266381. *SOLANUM ACAULE* Biter Solanaceae.

Col. No. P863. Three and one-half miles from entrance to Hacienda Porcon, Cajamarca Department. Elevation 10,800 feet.

266382. *SOLANUM* sp.

Col. No. P722. Km. 110, above Rio Blanca, Lima Department. Elevation 11,600 feet.

266383. *SOLANUM* sp.

Col. No. P731. Near Huancayo, Junin Department. Elevation 11,600 feet.

266384. *SOLANUM* sp.

Col. No. P749. Roadside Km. 18, between Jauja and Tarma, Junin Department. Elevation 11,600 feet.

266385. *SOLANUM* sp.

Col. No. P750. Roadside Km. 25, between Jauja and Tarma, Junin Department. Elevation 12,600 feet.

266386. *SOLANUM* sp.

Col. No. P751. Roadside Km. 34, between Jauja and Tarma, Junin Department. Elevation 13,450 feet.

266387. *SOLANUM* sp.

Col. No. P862. Near entrance to Hacienda Porcon, Cajamarca Department. Elevation 11,600 feet.

266388. *TECOMA* sp. Bignoniaceae.

Col. No. P757. Above Tarma, Junin Department. Elevation 10,800 feet. Plant small; flowers yellow. Ornamental possibility for the southern United States.

266389 to 266459.

From the Netherlands. Plants purchased from the Old Farm Nurseries, Boskoop. Numbered June 14, 1960.

266389. *ABIES ALBA* Mill. Pinaceae.

'Pyramidalis'.

266390 to 266392. *ACER PALMATUM* (Thunb.) Aceraceae.

Japanese maple.

266390. 'Rubrifolium'.

266391. 'Dissectum Rubrum'.

266392. 'Dissectum Viridis'.

266393. *ALNUS INCANA* (L.) Moench Betulaceae.

Speckled alder.

'Pinnata'.

266394 and 266395. *ARALIA ELATA* (Miquel) Seem. Araliaceae.

266394. 'Aureo-variegata'.

266395. 'Silver'.

266389 to 266459—Continued

- 266396 and 266397. *BERBERIS* × *RUBROSTILLA* Chitenden Berberidaceae.
 266396. 'Barbarossa'.
 266397. 'Buccaneer'.
266398. *BERBERIS PRATTII* Schneid.
266399. *BETULA MEDWEDIEWII* Regel Betulaceae.
266400. *BETULA PENDULA* Roth.
 'Dalecarlica'.
266401. *CELTIS AUSTRALIS* L. Ulmaceae. **European hackberry.**
- 266402 to 266412. *CHAMAECYPARIS LAWSONIANA* (Murray) Parl. Pinaceae. **Lawson falsecypress.**
266402. 'Depkenii'. 266408. 'Youngii'.
 266403. 'Gimbornii'. 266409. 'Erecta Blom'.
 266404. 'Lycopodioides'. 266410. 'Lutea'.
 266405. 'Patula'. 266411. 'Luteocompacta'.
 266406. 'Vietchii'. 266412. 'Nana Rogersii'.
 266407. 'Wisselii'.
- 266413 to 266415. *CHAMAECYPARIS OBTUSA* (Sieb. & Zucc.) Endlicher
 266413. 'Contorta'.
 266414. 'Coralliformis'.
 266415. 'Nana Pyramidalis'.
266416. *CHAMAECYPARIS OBTUSA* f. *NANA* (Carr.) Beissner
 'Smith'.
266417. *CHAMAECYPARIS OBTUSA* (Sieb. & Zucc.) Endl.
 'Nana'.
266418. *CHAMAECYPARIS OBTUSA* f. *PYGMAEA* (Gord.) Beissner
266419. *CHAMAECYPARIS PISIFERA* (Sieb. & Zucc.) Endlicher
 'Nana Aureo Variegata'.
266420. *CORNUS ALTERNIFOLIA* f. *ARGENTEA* (L.) Rehd. Cornaceae.
266421. *CORNUS KOUSA* Hance. **Kousa dogwood.**
 'Xanthocarpa'.
266422. *CRATAEGUS* × *GRIGNONENSIS* Mouillefert Malaceae.
266423. *CRYPTOMERIA JAPONICA* (L.f.) D. Don Pinaceae. **Common cryptomeria.**
 'Cristata'.
- 266424 and 266425. *FAGUS SYLVATICA* L. Fagaceae. **European beech.**
 266424. 'Cristata'.
 266425. 'Zlattia'.
266426. *JUNIPERUS CHINENSIS* L. Pinaceae. **Chinese juniper.**
 'Blaauw's Variegata'.
266427. *JUNIPERUS DAVURICA* Pall.
 'Parsonii'.
266428. *JUNIPERUS CHINENSIS* L.
 'Sylvestris Expansa'.

266389 to 266459—Continued

266429. JUNIPERUS \times MEDIA van Mello
'Globosa'.
266430. JUNIPERUS SABINA L. Savin juniper.
'Hicksii'.
266431. JUNIPERUS COMMUNIS L. Common juniper.
'Repandens'.
266432 and 266433. PICEA ABIES (L.) Karst Pinaceae. Norway spruce.
266432. 'Highlandia'.
266433. 'Hornibrooki'.
266434. PINUS HELDREICHII var. LEUCODERMIS (Ant.) Markgröf ex Fitch Pinaceae.
266435. PINUS MUGO var. MUGHUS (Scop.) Zenari
'Gnom'.
266436. PINUS PUMILA (Pallas) Regal
'Dwarf Blue'.
266437. PINUS NIGRA Arnold
266438. PODOCARPUS NIVALIS Hook. Taxaceae.
266439 to 266443. POPULUS \times CANADENSIS Moench Salicaceae.
266439. 'Gelrico'. 266442. 'Marilandica'.
266440. 'Robusta'. 266443. 'Serotina Erecta'.
266441. 'Aurea'.
266444. POPULUS LASIOCARPA Oliver
266445. POPULUS WILSONII Schneider
266446. POTENTILLA FRUTICOSA var. PYRENAICA Willdenow ex Schlecht. Rosaceae.
266447. PYRUS SALICIFOLIA Pall. Malaceae. Willowleaf pear.
'Pendula'.
266448 to 266452. RHODODENDRON (hybrids). Ericaceae.
Exbury hybrids.
266448. 'Berry Rose'. 266451. 'White Swan'.
266449. 'Hotspur'. 266452. 'NR 15b'.
266450. 'J. Jennings'.
266453. SALIX ALBA L. Salicaceae. White willow.
'Liempde'.
266454. STEPHANANDRA TANAKAE Franchet & Savatier Salicaceae.
266455 and 266456. TAXUS BACCATA L. Taxaceae.
266455. 'Nutans'.
266456. 'Semper Aurea'.
266457. TILIA \times EUROPAEA L. Tiliaceae.
'Konigslinde'.
266458. TILIA PLATYPHYLLOS Scop. Bigleaf European linden.
'Rubra'.
266459. ULMUS GLABRA Mill Ulmaceae. Scotch elm.
'Exoniensis'.

266460 to 266469.

From the Netherlands. Plants purchased from G. Bootsman, Pinetum Blijdenstein, Hilversum. Numbered June 16, 1960.

266460. *ABIES FAXONIANA* Rehder & Wilson Pinaceae.

266461. *ABIES MAROCANA* Traboulet.

266462. *ABIES NEBRODENSIS* (Lojac.) Mattei

266463. *ABIES* × *INSIGNIS* Carr. ex Bailly

'Pardei'.

266464. *ABIES SACHALINENSIS* (Schmidt) Masters

Sakhalin fir.

266465. *EPHEDRA EQUISETINA* Bunge Gnetaceae.

Jointfir.

266466. *EPHEDRA GERARDIANA* var. *SIKKIMENSIS* Stapf

266467. *PICEA SPINULOSA* Beissn. Pinaceae.

266468. *PINUS YUNNANENSIS* Franchot Pinaceae.

Yunnan pine.

266469. *THUJA OCCIDENTALIS* L. Pinaceae.

266470. *ALOPECURUS PRATENSIS* L. Poaceae.

Meadow foxtail.

From the Netherlands. Plants presented by the Laboratory voor Plantensystematiek, Wageningen. Received June 15, 1960.

266471 to 266477.

From the Netherlands. Plants purchased from J. G. van Bijk & Sons, Kwekery, Eemnes. Numbered June 15, 1960.

266471. *ACER LOBELII* Tenore Aceraceae.

266472. *ALNUS* × *SPAETHII* Callier Betulaceae.

266473. *BERBERIS THUNBERGII* DC. Berberidaceae.

Japanese barberry.

'Special'.

266474. *BETULA DAVURICA* Pallas Betulaceae.

266475. *BETULA PLATYPHYLLA* var. *SZECHUANICA* (Schneid.) Rehder

266476. *GLEDITSIA TRIACANTHOS* L. Caesalpiniaceae.

'Pendula'.

266477. *SALIX PURPUREA* var. *AMPLEXICAULIS* (Borg. & Chaub.) Boissier

Salicaceae.

266478 to 266482.

From the Netherlands. Plants purchased from W. Haalboom and Sons, Driebergen. Numbered June 15, 1960.

266478 and 266479. *BERBERIS CANDIDULA* (Schneid.) Schneider Berberidaceae.

266478. 'Gracilis'.

266479. 'Haalboom'.

266480. *BERBERIS* × *HYBRIDO-GAGNEPAINII* Sur.

'Chenault Select'.

266481. *BERBERIS MORRISONENSIS* Hayata

266482. *POTENTILLA FRUTICOSA* L.

'Farreri Select'.

266483 to 266515.

From the Netherlands. Plants purchased from W. Hoogendoorn and Sons, Boskoop. Numbered June 15, 1960.

266483. *ACER JAPONICUM* Thunb. Aceraceae.

Fullmoon maple.

'Anerum'.

266483 to 266515—Continued

266484. ACER NEGUNDO L. Boxelder.
 'Auratum'.
266485. ACER × ZOESCHENSE Pax
 'Annae'.
266486. × AMELASORBUS JACKII Rehder Malaceae.
266487. BERBERIS × HYBRIDO-GAGNEPAINII Sur. Black barberry.
 'Terra Nova'.
266488. BERBERIS HOOKERI Lemaire
266489. BERBERIS × MEDIA Grootend.
 'Parkjuweel'.
266490. BETULA ALBOSINENSIS Burkill Betulaceae. Birch.
266491. BETULA COSTATA Trautv. ex Maxim. Birch.
- 266492 to 266494. CASTANEA SATIVA Miller Fagaceae. European chestnut.
266492. 'Argenteo-variegata'.
266493. 'Argento-Marginata'.
266494. 'Heterophylla'.
266495. CELTIS AUSTRALIS L. Ulmaceae. European hackberry.
266496. COTONEASTER SALICIFOLIA Franchot Rosaceae.
266497. CRATAEGUS OXYACANTHA L. Malaceae. English hawthorn.
 'Gireoudii'.
266498. CYTISUS SESSILIFOLIUS L. Fabaceae. Sessile broom.
266499. FAGUS SYLVATICA L. Fagaceae. European beech.
266500. HALIMODENDRON HALODENDRON (Pall.) Schneider Fabaceae.
 'Rotundifolia'.
- 266501 and 266502. HIBISCUS SYRIACUS L. Malvaceae. Shrub-althea.
266501. 'Boule De Feu'.
266502. 'Leopoldii'.
266503. LIGUSTRUM (hybrid.) Oleaceae.
 'Mme. H. Lemoinei'.
- 266504 and 266505. LONICERA PILEATA Oliver Caprifoliaceae. Privet honeysuckle.
266504. 'Graciosa'.
266505. 'Hohenheimer Findling'.
266506. PINUS CEMBRA L. Pinaceae. Swiss stone pine.
266507. ROSA MOYESII Hemsley & Wilson Rosaceae. Moyes rose.
 'Geranium'.
266508. SALIX × TSUGALUENSIS Koidz. Salicaceae.
 'Ginme'.
266509. SALIX MELANOSTACHYS (Makino) C. K. Schn.
266510. SALIX SACHALINENSIS Schmidt
 'Sekka'.
266511. SALIX × WIMMERIANA Grenier & Godron Salicaceae.
266512. SOPHORA JAPONICA L. Fabaceae.
 'Pendula'.

266483 to 266515—Continued

266513. *SORBUS AUCUPARIA* L. Malaceae.
 'Fastigiata'.
 266514. *SPIRAEA ARCUATA* Hooker f. Rosaceae.
 266515. *SPIRAEA* × *CINEREA* Zabel Rosaceae.
 'Nana'.

266516 to 266557.

From the Netherlands. Plants purchased from Le Feber and Company,
 Boskoop. Numbered June 15, 1960.

266516. *ACER NEGUNDO* L. Aceraceae.
 'Aureovariegatum'.
 266517. *ALNUS TENUIFOLIA* Nuttall Betulaceae.
 'Aurea'.
 266518. *BERBERIS* × *RUBROSTILLA* Chittenden Berberidaceae.
 'Pirate King'.
 266519. *BERBERIS CANDIDULA* (Schneid.) Schneider
 'Haalboom'.
 266520. *BERBERIS* × *MEDIA* Grootend.
 'Parkjuweel'.
 266521. *BERBERIS THUNBERGII* DC. **Japanese barberry.**
 'Rosy-Glow'.
 266522. *BETULA PENDULA* Roth. Betulaceae.
 'Purpurea'.
 266523. *CAMPSIS RADICANS* (L.) Seem. Bignoniaceae.
 'Yellow Trumpet'.
 266524. *CEDRUS DEODARA* (Lamb.) Loud. Pinaceae. **Deodar cedar.**
 'Albo Spicata'.
 266525. *CHAENOMELES* × *SUPERBA* (Frahm) Rehder Malaceae.
 'Hollandia'.
 266526 and 266527. *CHAMAECYPARIS LAWSONIANA* (Murray) Parl. Pina-
 ceae. **Lawson falsecypress.**
 266526. 'Bruinii'.
 266527. 'Drummondii'.
 266528. *CHAMAECYPARIS OBTUSA* (Sieb. & Zucc.) Endl.
 'Nana Kosteri'.
 266529. *CRYPTOMERIA JAPONICA* (L.f.) D. Don Pinaceae. **Common cryptomeria.**
 'Compressa'.
 266530. *EUONYMUS PHELLOMANUS* Loes. Celastraceae.
 266531. *FAGUS JAPONICA* Maxim. Fagaceae.
 266532. *FAGUS LUCIDA* Rehd. & Wils.
 266533 to 266535. *FAGUS SYLVATICA* L. **European Beech.**
 266533. 'Swat Magret'.
 266534. 'Rohanii'.
 266535. 'Zlatia'.

266516 to 266557—Continued

- 266536 and 266537. *HEDERA COLCHICA* K. Koch Araliaceae.
 266536. 'Arborescens'.
 266537. 'Amurensis'.
266538. *JUNIPERUS COMMUNIS* L. Pinaceae. Common juniper.
 'Hornibrookii'.
266539. *JUNIPERUS SABINA* L. Savin juniper.
 'Blue Danube'.
266540. *LIRIODENDRON TULIPIFERA* L. Magnoliaceae.
 'Aureomarginatum'.
266541. *PARTHENOCISSUS TRICUSPIDATA* (Sieb. & Zucc.) Planch Vitaceae.
 'Beverley Park'.
266542. *PHOTINIA VILLOSA* f. *MAXIMOWICZIANA* (Levl.) Rehder Malaceae.
- 266543 to 266546. *PICEA ABIES* (L.) Karst Pinaceae. Norway spruce.
 266543. No data. 266545. 'Pygmaea'.
 266544. 'Pumila Glauca'. 266546. 'Virgata'.
266547. *PICEA ORIENTALIS* (L.) Link Oriental spruce.
 'Atrovirens'.
266548. *PICEA ORIENTALIS* (L.) Link
 'Aureospicata'.
- 266549 and 266550. *PICEA PUNGENS* Englem.
 266549. 'Globosa'.
 266550. 'Endtz'.
- 266551 to 266553. *PRUNUS LAUROCERASUS* L. Amygdalaceae. Cherry-laurel.
 266551. 'Herbergii'.
 266552. 'Mischeana'.
 266553. 'Otto Luyken'.
266554. *ROBINIA PSEUDO-ACACIA* L. Fabaceae. Common locust.
 'Frisia'.
- 266555 to 266557. *TAXUS BACCATA* L. Taxaceae.
 266555. 'Cavendishii'.
 266556. 'Fastigiata Robusta'.
 266557. 'Hessii'.
- 266558 to 266589.
- From France. Seeds presented by the Ecole Nationale des Eau xet Forets
 Arboretum des Barres, Nogent-sur-Vernisson, Loiret. Received June
 16, 1960.
266558. *ACER CAPPADOCICUM* Gleditsch Aceraceae. Coliseum maple.
 266559. *ACER CIRCINNATUM* Pursh Vine maple.
 266560. *ACER* × *CORIACEUM* Tausch.
 266561. *ACER GROSSERI* Pax
 266562. *ACER HENRYII* Pax
 266563. *ACER HERSII* Rehder
 266564. *BERBERIS DIELSIANA* Fedde Berberidaceae.

266558 to 266589—Continued

266565. *BETULA ERMANI* Champ. Betulaceae.
 266566. *BETULA HUMILIS* Schrank.
 266567. *BETULA JAPONICA* Siebold ex Winkler Birch.
 266568. *BETULA MEDWEDIEWII* Regel
 266569. *BETULA MIDDENDORFFII* Trautv. & Mey.
 266570. *BETULA PAPYRIFERA* var. *COMMUTATA* (Regel) Fern.
 266571. *CLEMATIS HEXAPETALA* Pallas Ranunculaceae.
 266572. *CLEMATIS* × *ERIOSTEMON* Dcne.
 266573. *CLEMATIS SIMSII* Sweet
 266574. *CLEMATIS SONGARICA* Bunge
 266575. *CLEMATIS* × *VERNALIS* Lemoine
 266576. *CRATAEGOMESPILUS* × *DARDARI* Simon-Louis Malaceae.
 266577. *DAVIDIA INVOLUCRATA* Baill. Cornaceae. Dovetree.
 266578. *ILEX* × *BEANII* Rehder Aquifoliaceae.
 266579. *KALMIA INTERMEDIA* Lange. Ericaceae.
 266580. *LYONIA LUCIDA* (Lam.) K. Koch Ericaceae.
 266581. *PYRACANTHA COCCINEA* Roemer Malaceae. Scarlet firethorn.
 266582. *PYRACANTHA COCCINEA* var. *LALANDEI* Dipp. Laland firethorn.
 266583. *PYRACANTHA CRENULATA* (D. Don) Roem. Nepal firethorn.
 266584. *PYRACANTHA CRENATO-SERRATA* (Hance) Rehder Firethorn.
 266585. *PYRACANTHA* (hybrid).
 266586. *SKIMMIA FOREMANII* Knight Rutaceae.
 266587. *SKIMMIA JAPONICA* Thunb. Japanese skimmia.
 266588. *VIBURNUM* (hybrid.) Caprifoliaceae.
 266589. *VIBURNUM UTILE* Hemsl. Service viburnum.

266590 to 266635.

From the Netherlands. Plants purchased from F. J. Grootendorst & Sons, Boskoop. Numbered June 16, 1960.

266590. *ABIES BALSAMEA* (L.) Miller Pinaceae. Balsam fir.
 'Nana'.
 266591. *ACER CAPPADOCICUM* Gledit. Aceraceae. Coliseum maple.
 'Aureum'.
 266592. *ACER PLATANOIDES* L. Norway maple.
 'Reitenbachii'.
 266593. *ACER PSEUDOPLATANUS* L. Sycamore maple.
 'Spaethii'.
 266594. *ALNUS INCANA* (L.) Moench Betulaceae. Speckled alder.
 'Aurea'.
 266595. *CARAGANA ARBORESCENS* Lam. Fabaceae.
 'Lorbergii'.
 266596. *CATALPA BIGNONIOIDES* Walt. Bignoniaceae.
 'Aurea'.

266590 to 26635—Continued

- 266597 to 266600. CHAMAECYPARIS LAWSONIANA (Murray) Parl. Pinaceae. Lawson falsecypress.
266597. 'Globosa'. 266599. 'Filiformis Compacta'.
266598. 'Pygmaea Argentea'. 266600. 'Glauca Spek'.
266601. CHAMAECYPARIS OBTUSA (Sieb. & Zucc.) Endlicher 'Mariesii'.
266602. FAGUS SYLVATICA L. Fagaceae. European beech. 'Rohanii'.
266603. HAMAMELIS × INTERMEDIA Rehder Hamamelidaceae. 'Ruby Glow'.
266604. HAMAMELIS MOLLIS Oliver Chinese witch-hazel. 'Feveala'.
- 266605 and 266606. HIBISCUS SYRIACUS L. Malvaceae. Shrub-althea.
266605. 'Admiral Dewey'.
266606. 'Monstrosus'.
266607. JUNIPERUS × MEDIA vanMelle Pinaceae. 'Blue Cloud'.
266608. JUNIPERUS CHINENSIS L. Chinese juniper. 'Olympia'.
- 266609 to 266611. JUNIPERUS × MEDIA vanMelle
266609. 'Globosa Cinerea'.
266610. 'Old Gold'.
266611. 'Fairview'.
266612. JUNIPERUS COMMUNIS f. SUECICA (Mill.) Beissner 'Mayer'.
266613. JUNIPERUS SQUAMATA Buch.-Ham. 'Loderi'.
266614. JUNIPERUS (hybrid) 'Grey Owl'.
266615. PHILADELPHUS (hybrid). Hydrangaceae. 'Silver Rain'.
266616. PICEA GLAUCA (Moench) Voss Pinaceae. White spruce. 'Echiniformis'.
266617. PICEA OMORIKA (Panic) Masters Pinaceae. Serbian spruce. 'Nana'.
266618. POTENTILLA FRUTICOSA var. RIGIDA (Wall. ex Lehm.) Wolf Rosaceae. 'Arbuscula'.
- 266619 to 266623. POTENTILLA FRUTICOSA L.
266619. 'Jackman's Variety'. 266622. 'Mount Everest'.
266620. 'Klondyke'. 266623. 'Primrose Beauty'.
266621. 'Maanelys'.
266624. POTENTILLA FRUTICOSA var. PYRENAICA Willd. ex Schlecht.

266590 to 266635—Continued

266625. *POTENTILLA FRUTICOSA* L. Shrubby cinquefoil.
'Snowflake'.
266626. *POTENTILLA FRUTICOSA* var. *VILMORINIANA* Komarov
266627. *QUERCUS* × *TURNERI* Willd. Fagaceae.
'Pseudoturneri'.
266628. *QUERCUS PETRAEA* (Mattus.) Linn.
'Columna'.
266629. *SPIRAEA THUNBERGII* Siebold Rosaceae.
'Compacta'.
266630. *SPIRAEA TRICHOCARPA* Nakai
266631. *TAXUS CUSPIDATA* Sieb. & Zucc. Taxaceae. Japanese yew.
'Nidiformis'.
266632. *THUJA OCCIDENTALIS* L.
'Woodwardii'.
266633. *THUJA PLICATA* D. Don
'Cuprea'.
266634. *TILIA PLATYPHYLLOS* Scop. Tiliaceae. Bigleaf European linden.
266635. *WEIGELA* (hybrid). Caprifoliaceae.
'Boskoop Glory'.
266636. *CYBISTETES LONGIFOLIA* (L.) Milne-Redhead & Schweick.
Amaryllidaceae.

From the Union of South Africa. Bulbs presented by the University of Stellenbosch, Stellenbosch. Received June 16, 1960.

266637 to 266644.

From the Netherlands. Plants purchased from Hugo T. Hooftman, Limited, Boskoop. Numbered June 16, 1960.

- 266637 and 266638. *CLEMATIS MONTANA* F. Rubens (Ktze.) Rehd. Ranunculaceae.
266637. 'Odorata'.
266638. 'Pink Perfection'.
266639. *CLEMATIS* × *VEDRARIENSIS* Vilmorin
'Rosea'.
266640. *HAMAMELIS MOLLIS* Oliver Hamamelidaceae. Chinese witch-hazel.
'Donkei'.
266641. *PICEA OMORIKA* (Panic) Masters Pinaceae. Serbian spruce.
266642. *PICEA ORIENTALIS* (L.) Link Oriental spruce.
'Atrovirens'.
- 266643 and 266644. *PINUS MUGO* var. *MUGHUS* (Scop.) Zenari Pinaceae.
266643. 'Kobalt'.
266644. 'Mops'.
- 266645 to 266649.

From the Netherlands. Plants purchased from William J. Hooftman, Boskoop. Numbered June 17, 1960.

266645. *ABIES LASIOCARPA* var. *ARIZONICA* (Merriam) Lemon Pinaceae.
'Compacta'.

266645 to 266649—Continued

266646. *BERBERIS HOOKERI* Lem. Berberidaceae.
 266647 and 266648. *COTONEASTER* × *WATERERI* Exell Malaceae.
 266647. 'Exburiensis'.
 266648. 'Herbstfeuer'.
 266649. *PICEA GLAUCA* (Moench) Voss Pinaceae. White spruce.
 'Echiniformis'.

266650 to 266695.

- From the Netherlands. Plants purchased from Pierre Lombarts, Zundert.
 Numbered June 17, 1960.
266650. *ACER NEGUNDO* L. Aceraceae. Boxelder.
 'Lombarts'.
 266651. *ACER PALMATUM* Thunb. Japanese maple.
 'Atropurpureum Novum'.
 266652. *ACER PLATANOIDES* L. Norway maple.
 'Drummondii'.
 266653 and 266654. *ACER SACCHARINUM* L. Silver maple.
 266653. 'Asplenifolium'.
 266654. 'Monstrosum'.
 266655. *ACER* × *ZOESCHENSE* Pax
 'Annae'.
 266656. *BERBERIS JULIANAE* Schneider Berberidaceae. Wintergreen barberry.
 'Lombarts Red'.
 266657 and 266658. *BERBERIS* × *OTTAWENSIS* Schneider
 266657. 'Golden Ring'.
 266658. 'Lombarts Purple'.
 266659. *BETULA* × *PURPUSII* Schneid. Betulaceae.
 266660. *CARAGANA FRANCHETIANA* Komarov Fabaceae.
 266661 and 266662. *CARAGANA FRUTEX* (L.) Koch Fabaceae. Russian peashrub.
 266661. 'Angustifolia'.
 266662. 'Silvatica'.
 266663 and 266664. *CARPINUS BETULUS* L. Betulaceae. European hornbeam.
 266663. 'Cordata'.
 266664. 'Purpurea'.
 266665. *CRATAEGUS* × *MORDENENSIS* Boom Malaceae.
 'Toba'.
 266666. *CRATAEGUS OXYACANTHA* L. English hawthorn.
 'Gireoudii'.
 266667. *FAGUS LUCIDA* Rehder & Wilson Fagaceae.
 266668 to 266672. *FAGUS SYLVATICA* L. European beech.
 266668. 'Aureo Pendula'. 266671. 'Castanifolia'.
 266669. 'Atropurpurea Macrophylla'. 266672. 'Cristata'.
 266670. 'Cochleata'.

266650 to 266695—Continued

266673. *FAGUS SYLVATICA* L. Fagaceae. European beech.
'Albovariegata'.
266674. *HAMAMELIS VERNALIS* Sargent Hamamelidaceae. Vernal witch-hazel.
'Lombarts Weeping'.
266675. *LEUCOTHOE FONTANESIANA* (Steud.) Sleumer Ericaceae.
'Rollisonii'.
266676. *LIGUSTRUM SINENSE* Loureiro Oleaceae.
'Pendula'.
266677. *PHILADELPHUS LEWISII* Pursh Hydrangaceae. Lewis mockorange.
'Waterton'.
266678. *POPULUS TREMULA* L. Salicaceae. European aspen.
'Erecta'.
266679. *PYRUS NIVALIS* Jacq. Malaceae.
266680. *QUERCUS* × *LIBANERRIS* Boom Fagaceae.
'Trompenburg'.
266681. *QUERCUS PALUSTRIS* Munch. Fagaceae.
'Lombarts'.
- 266682 to 266685 *RIBES SANGUINEUM* Pursh Grossulariaceae. Winter currant.
266682. 'Grandiflorum'. 266684. 'Lombarts'.
266683. 'King Edward VII'. 266685. 'Carneum'.
266686. *ROBINIA PSEUDO-ACACIA* L. Fabaceae. Common locust.
'Sandraudiga'.
266687. *ROBINIA PSEUDO-ACACIA* L.
'Unifoliola'.
266688. *SANTOLINA CHAMAECYPARISSUS* L. Asteraceae.
'Ericoides'.
266689. × *SORBARONIA SORBIFOLIA* (Poir.) Schneid. Malaceae.
- 266690 to 266693. *SORBUS* (hybrid). Malaceae.
266690. 'Apricot Queen'. 266692. 'Red Copper Glow'.
266691. 'Coral Beauty'. 266693. 'Vermiljon'.
266694. *STEPHANANDRA INCISA* (Thunb.) Zabel Rosaceae.
'Crispa'.
266695. *TEUCRIUM* × *LUCIDRYS* Boom Menthaceae.
266696. *ENTADA GIGAS* (L.) Fawcett & Rendle Mimosaceae.
From Burma. Seed presented by the United States Embassy, Rangoon.
Received June 20, 1960.
Seed edible when cooked, but not tasty. The split seed hulls are rubbed on the scalp to treat dandruff and other scalp ailments.
266697. *CYNODON DACTYLON* (L.) Pers. Poaceae. Bermudagrass.
From Iran. Rhizomes collected by J. R. Harlan, University of Oklahoma,
Stillwater, Oklahoma. Received June 20, 1960.

266697—Continued

No. 73. Forty-four km. north of Kermanshah, road to Savandaj. Soil black, wet in spring and very dry in summer and fall.

266698 to 266765.

From the Netherlands. Plants purchased from L. Konijn & Co., Reeuwijk. Numbered June 20, 1960.

266698. *ABIES ALBA* Mill. Pinaceae.
'Pyramidalis'.
266699. *ABIES AMABILIS* (Loud.) Forbes
'Compacta'.
266700. *ABIES CONCOLOR* (Gord.) Hoopes White fir.
'Compacta'.
266701. *ABIES CONCOLOR* (Gord.) Hoopes White fir.
'Violacea'.
266702. *ABIES KOREANA* Wilson Korean fir.
'Nana'.
266703. *ABIES NORDMANNIANA* (Stev.) Spach Nordman fir.
'Aureospicata'.
266704. *ABIES PROCERA* Rehd. Noble fir.
'Prostrata'.
266705. *ABIES RECURVATA* Masters
- 266706 to 266712. *ACER PALMATUM* Thunb. Aceraceae. Japanese maple.
266706. 'Decompositum'.
266707. 'Nicholsonii' ('Atro-Dissectum').
266708. 'Ribessifolium'.
266709. 'Rufescens'.
266710. 'Elegans Purpureum'.
266711. 'Dissectum Paucum'.
266712. 'Dissectum Variegatum'.
266713. *ARUNDINARIA* sp. Poaceae.
- 266714 to 266723. *CHAMAECYPARIS LAWSONIANA* (Murray) Parl. Pinaceae.
Lawson falsecypress.
266714. 'Darleyensis'. 266719. 'Rosenthalii'.
266715. 'Fraseri'. 266720. 'Filiformis Glauca'.
266716. 'Krameri'. 266721. 'Robusta Glauca'.
266717. 'Minima'. 266722. 'Hogger'.
266718. 'Moerheimii'. 266723. 'Nana Rogersii'.
- 266724 to 266728. *CHAMAECYPARIS OBTUSA* (Sieb. & Zucc.) Endlicher
266724. 'Nana Templehof'. 266727. 'Nana Hage'.
266725. 'Albo-Spicata'. 266728. 'Nana Tonia'.
266726. 'Spicata'.
- 266729 and 266730. *CHAMAECYPARIS THYOIDES* (L.) B.S.P.
266729. 'Aurea'.
266730. 'Variegata'.

266698 to 266765—Continued

266731. *CRATAEGUS MONOGYNA* Jacquin Malaceae.
 'Compacta'.
266732. *EUONYMUS HAMILTONIANUS* Wallich Celastraceae.
266733. *EUONYMUS SANGUINEUS* Loesener
266734. *EUONYMUS VERRUCOSUS* Scopoli
266735. *HEDYSARUM MULTIJUGUM* Maxim. Fabaceae.
- 266736 to 266738. *JUNIPERUS COMMUNIS* L. Pinaceae. **Common juniper.**
 266736. 'Caracovia'.
 266737. 'Candelabriformis'.
 266738. 'Prostrata'.
266739. *JUNIPERUS SCOPULORUM* Sargent
 'Repens'.
266740. *JUNIPERUS SQUAMATA* Buch.-Ham.
266741. *JUNIPERUS VIRGINIANA* L.
 'Kosteriaa'.
266742. *CALOCEDRUS DECURRENS* (Torr.) Florin Pinaceae.
 'Aureovariegata'.
- 266743 to 266747. *PICEA ABIES* (L.) Karst. Pinaceae. **Norway spruce.**
 266743. 'Aureaspicata'. 266746. 'Finedonensis'.
 266744. 'Cranstonii'. 266747. 'Viminalis'.
 266745. 'Glauca Fastigiata'.
266748. *PICEA LIKIANGENSIS* var. *BALFOURIANA* (Rehd. & Wils.) Cheng
266749. *PICEA MARIANA* (Mill.) B.S.P.
 'Nana'.
- 266750 to 266752. *PICEA ORIENTALIS* (L.) Link **Oriental spruce.**
 266750. 'Atrovirens'.
 266751. 'Aureospicata'.
 266752. 'Nana'.
266753. *PINUS PARVIFLORA* Sieb. & Zucc. **Japanese white pine.**
 'Brevifolia'.
266754. *PSEUDOTSUGA MENZIESHII* (Mirb.) Franco Pinaceae. **Douglas-fir.**
 'Caesia'.
266755. *ROBINIA PSEUDOACACIA* L. Fabaceae. **Common locust.**
 'Tortuosa'.
- 266756 to 266757. *TAXUS BACCATA* L. Taxaceae.
 266756. 'Elvastonensis'.
 266757. 'Horsholmii-757'.
- 266758 to 266760. *THUJA OCCIDENTALIS* L. Pinaceae.
 266758. 'Beaufort'.
 266759. 'Holmstrupi'.
 266760. 'Recurva Nana'.
266761. *THUJA PLICATA* D. Don
 'Rogersii'.

266698 to 266765—Continued**266762.** *THUJA OCCIDENTALIS* L.

'Wareana Lutescens'.

266763. *THUJA PLICATA* D. Don

'Variegata'.

266764 and 266765. *THUJA OCCIDENTALIS* L.**266764.** 'Aureospicata'.**266765.** 'Cristata Aurea'.**266766.** *ALOPECURUS PRATENSIS* L. Poaceae. **Meadow foxtail.**

From the Netherlands. Plant presented by the Landbouwhogeschool, Laboratorium voor Plantensystematiek en Geografie, Wageningen. Received June 21, 1960.

Collected in a Meuse river meadow on humic river loam, Vierlingsbee, Limburg Province.

266767. *THEOBROMA CACAO* L. Sterculiaceae. **Cacao.**

From Ghana. Seeds presented by the West African Cocoa Research Institute, Tafo. Received June 21, 1960.

'Amelonado'.

266768 to 266773.

From the Netherlands. Plants purchased from Schiphorst Nurseries, Wageningen. Numbered June 21, 1960.

266768 to 266770. *PYRACANTHA COCCINEA* Roemer Malaceae.**Scarlet firethorn.****266768.** 'Kasan'.**266769.** 'Orange Giant'.**266770.** 'Keessen'.**266771.** *PYRACANTHA FORTUNEANA* (Max.) Li Malaceae.

'Orange Glow'.

266772. *SAMBUCUS NIGRA* L. Caprifoliaceae.**European elder.**

'Albopunctata'.

266773. *SPIRAEA JAPONICA* L. f. Rosaceae.**Japanese spirea.**

'Alpina'.

266774 to 266782.

From the Netherlands. Plants purchased from J. Streng, Jr., Boskoop. Numbered June 21, 1960.

266774. *CHAMAECYPARIS LAWSONIANA* (Murray) Parl. Pinaceae.**Lawson falsecypress.**

'Pottenii'.

266775. *CHAMAECYPARIS THYOIDES* (L.) B.S.P.

'Andelyensis Aurea'.

266776. *JUNIPERUS* × *MEDIA* van melle Pinaceae.

'Mathot'.

266777. *JUNIPERUS COMMUNIS* var. *SAXITILIS* Pall.**266778.** *PINUS CEMBRA* L. Pinaceae.**Swiss stone pine.**

'Pygmaea'.

266779. *PINUS NIGRA* Arnold

'Aureospicata'.

266774 to 266782—Continued

266780. *PINUS CEMBRA* L. Swiss stone pine.
 'Fastigiata'.
 266781 and 266782. *TAXUS BACCATA* L. Taxaceae.
 266781. 'Amersfoort'.
 266782. 'Pygmaea'.

266783 to 266785.

From the Netherlands. Plants purchased from M. Koster & Sons, Boskoop. Numbered June 21, 1960.

266783. *ABIES BALSAMEA* f. *HUDSONIA* (Bosc ex Jacques) Fern & Weatherby Pinaceae.
 266784. *CHAMAECYPARIS LAWSONIANA* f. *GLAUCA* (Jaeg.) Beissner Pinaceae.
 266785. *PICEA OMORIKA* (Panic) Masters Pinaceae. Serbian spruce.
 'Expansa'.

266786 to 266803.

From the Netherlands. Plants purchased from Vuyk van Nes, Boskoop. Numbered June 21, 1960.

266786. *CHAMAECYPARIS LAWSONIANA* (Murray) Parl. Lawson falsecypress.
 'Erecta Blom'.
 266787. *CHAMAECYPARIS NOOTKATENSIS* (Lambert) Spach Nootka falsecypress.
 'Lutea'.
 266788. *CHAMAECYPARIS THYOIDES* (L.) B.S.P.
 'Conica'.
 266789 and 266790. *JUNIPERUS* × *MEDIA* van Melle Pinaceae.
 266789. 'Plumosa Albovariegata'.
 266790. 'Plumosa Aureovariegata'.
 266791. *JUNIPERUS SARGENTII* (Henry) Takeda ex Nakai
 266792. *LONICERA TIBETICA* Bureau & Franchet Caprifoliaceae. Tibetan honeysuckle.
 266793. *PICEA ABIES* (L.) Karst. Pinaceae. Norway spruce.
 'Sargentii'.
 266794. *PYRACANTHA COCCINEA* × *CRENULATA* var. *ROGERSIANA* A. B. Jackson Malaceae.
 266795. *QUERCUS CANARIENSIS* Willdenow Fagaceae.
 266796. *QUERCUS DENTATA* Thunb. Daimyo oak.
 266797. *QUERCUS FRAINETTO* Tenore
 266798. *QUERCUS LIBANI* Olivier
 266799. *QUERCUS MACRATHERA* Fisher & Myer
 266800. *QUERCUS MONGOLICA* Fischer Mongolian oak.
 266801. *QUERCUS PETRAEA* (Mattuschka) L. ex Lieblein
 'Mespilifolia'.
 266802. *QUERCUS PONTICA* K. Koch
 'Pendula'.
 266803. *QUERCUS ROBUR* L. English oak.

266804 and 266805. ROSA (hybrids). Rosaceae.

From Uruguay. Rooted cuttings and scions presented by Fontana A. Menghi, Porta-Injerto, Cerrillos. Received June 21, 1960.

Plants easily propagated, thornless; disease-resistant understock, primarily for standards.

266804. No. 11. 'Porpora'.

266805. No. 710. 'Zigri'.

266806 and 266807. GLYCINE MAX (L.) Merrill Fabaceae.**Soybean.**

From the Netherlands. Seeds presented by an anonymous donor, Rotterdam. Received June 22, 1960.

266806. No. 4. From Chingyuantao, China.

266807. No. 5. From Dairen, China.

266808 to 266812. GLYCINE MAX (L.) Merrill. Fabaceae.**Soybean.**

From Brazil. Seeds presented by the Secretaria da Agricultura Instituto Agronomico do est. de Sao Paulo. Received June 22, 1960.

266808. 'Edna'.

266811. 'Preta'. Seeds black.

266809. 'Kedelee No. 16'.

266812. 'Preta da Estacao'.

266810. 'Kedelee No. 29'.

266813 to 266852.

From Great Britain. Seeds presented by the University of Reading, Reading, England. Received June 22, 1960.

266813. AEGILOPS COMOSA Sibth. & Smith Poaceae.

No. 40.

266814. AEGILOPS CYLINDRICA Host

No. 42.

266815. AEGILOPS JUVENALIS (Thell.) Eig

No. 43.

266816. AEGILOPS OVATA L.

No. 44.

266817. AEGILOPS SPELTOIDES Tausch

No. 45.

266818. AEGILOPS SQUARROSA L.

No. 46.

266819. AEGILOPS TRIARISTATA Willd.

No. 47.

266820. AEGILOPS TRIUNCIALIS L.

No. 48.

266821. AEGILOPS UNIARISTATA Visiani

No. 50.

266822. AEGILOPS VARIABILIS Eig

No. 51.

266823. AEGILOPS VENTRICOSA Tausch

No. 52.

266813 to 266852—Continued

266824. AEGILOPS × TRITICUM
No. 53.
266825. AEGILOPS × TRITICUM
A. ventricosa × *T. monococcum*.
No. 54.
266826. AVENA BREVIS Roth Poaceae.
No. 57.
266827. AVENA BYZANTINA Koch Oats.
No. 58.
266828. AVENA FATUA L. Wild oats.
No. 59.
- 266829 and 266830. AVENA SATIVA L. Common oats.
266829. No. 61. Nude form.
266830. No. 62. Orientalis.
266831. AVENA STERILIS L. Animated oats.
No. 63.
266832. AVENA STRIGOSA Schreb. Oats.
No. 64.
266833. HAYNALDIA VILLOSA (L.) Schur Poaceae.
No. 67.
266834. HAYNALDIA × TRITICUM. Poaceae.
Haynaldia villosa × *Triticum dicoccum* var. *farrum*.
No. 68.
266835. HORDEUM DISTICHON var. PALMELLA Harlan Poaceae.
No. 69.
266836. HORDEUM HEXASTICHON L.
No. 70.
266837. HORDEUM JUBATUM L. Foxtail barley.
No. 71.
266838. HORDEUM VULGARE L. Barley.
No. 72.
266839. TRITICUM AEGILOPOIDES Forsk. Poaceae.
No. 81.
266840. TRITICUM COMPACTUM Host
No. 83.
266841. TRITICUM DICOCCHOIDES Koern.
No. 84.
266842. TRITICUM DICOCCHUM Schrank Emmer.
No. 85.
266843. TRITICUM DURUM Desf. Durum wheat.
No. 86.
266844. TRITICUM MONOCOCCUM L.
No. 87.

266813 to 266852—Continued

266845. TRITICUM ORIENTALE Percival
No. 93.

266846. TRITICUM POLONICUM L.
No. 88.

Polish wheat.

266847 and 266848. TRITICUM SPELTA L.
266847. No. 89. Bearded.

Spelt.

266848. No. 90. Beardless.

266849. TRITICUM SPHAEROCOCCUM Percival
No. 91.

266850. TRITICUM TIMOPHEEVI Zhuk.
No. 92.

266851. TRITICUM TURGIDUM L.
No. 94.

Poulard wheat.

266852. TRITICUM × AGROPYRON. Poaceae.
T. aestivum × *A. glaucum*.
No. 95.

266853 to 266856. THEOBROMA CACAO L. Sterculiaceae. Cacao.

From Ecuador. Seeds presented by the Servicio Cooperativo Inter-Americano de Agricultura, Estacion Experimental Tropical de Pichilingue, Guayaquil. Received June 23, 1960.

266853. EET-48 × S.C.A. 12.

266855. EET-238 × S.C.A. 12.

266854. EET-156 × S.C.A. 6.

266856. ICS-1 × S.C.A. 6.

266857 to 266882.

From New Zealand. Seeds presented by the Department of Scientific and Industrial Research, Lincoln. Received June 23, 1960.

266857 and 266858. AVENA SATIVA L. Poaceae.

Common oats.

266857. 'Dunn's'.

266858. 'Onward'.

266859. HORDEUM VULGARE L. Poaceae.
Research barley.

Barley.

266860 to 266882. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

266860. 'Aotea'.

266872. S1806 India 164.

266861. 'Arawa'.

266873. S1819 India 184.

266862. 'Cross 7'.

266874. S1824 India 193.

266863. 'Dreadnaught'.

266875. S1829 India 196.

266864. 'Fife-Tuscan'.

266876. S1888 India 236.

266865. 'Hilgendorf'.

266877. S1908 India 254.

266866. S1543 India 9.

266878. S991 ex Iraq 40.

266867. S1574 India 50.

266879. S995 ex Iraq 44.

266868. S1575 ex India 51.

266880. S997 ex Iraq 45.

266869. S1582 India 57.

266881. 'Jumbuck'.

266870. S1793 India 145.

266882. 'Tainui'.

266871. S1805 India 163.

266883 to 266906.

From Portugal. Seeds presented by J. J. Paiva Caldeira, Estacao de Melhoramento de Plantas, Elvas. Received June 23, 1960.

266883 and 266884. AVENA BYZANTINA Koch Poaceae. Oats.

266883. 'Da Graca'.

266884. 'Sta Maria'.

266885 and 266886. AVENA SATIVA L. Common oats.

266885. 'S. Francisco'.

266886. 'Sta Luzia'.

266887. AVENA sp.

'S. Jose'.

266888. AVENA sp.

'S. Mamede'.

266889. HORDEUM DISTICHON L. Poaceae.

'Lima Monteiro'.

266890 to 266892. HORDEUM VULGARE L. Barley.

266890. 'Arivat'.

266891. 'Cevada de 6 Ordens'.

266892. 'Juromenha'.

266893 to 266901. TRITICUM AESTIVUM L. Poaceae. Common wheat.

266893. 'Da Maia'.

266898. 'Mocko de Espiga Branca'.

266894. 'Galego Barbado'.

266899. 'Pirana'.

266895. 'Galego Rapado'.

266900. 'Restauracao'.

266896. 'Lusitano'.

266901. 'Ribeiro'.

266897. 'Magueija'.

266902 to 266905. TRITICUM DURUM Desf. Durum wheat.

266902. 'Amarelejo'.

266904. 'Lobeiro'.

266903. 'Candeal'.

266905. 'Preto Amarelo'.

266906. TRITICUM TURGIDUM L.

'Argelino'.

266907 to 266908.

From Japan. Seeds presented by the Experimental Forest Station, Faculty of Agriculture, Kyoto University, Kyoto. Received June 23, 1960.

266907. PRUNUS SERRULATA var. SPONTANEA (Maxim.) Wilson Amygdalaceae. Wild oriental cherry.

266908. PRUNUS SUBHIRTILLA Miquel Higan cherry.

266909. LUCULIA GRANDIFOLIA Ghose. Rubiaceae.

From Great Britain. Seeds presented by the Royal Horticultural Society Wisley, Surrey, England. Received June 23, 1960.

266910. PHASEOLUS ABORIGINEUS Burkart Fabaceae.

From Argentina. Seeds presented by the Instituto de Botanica Darwinion, San Isidro. Received June 23, 1960.

Wild.

266911 to 266915. ECBALLIUM ELATERIUM (L.) A. Rich. Cucurbitaceae. Squirting-cucumber.

From Great Britain. Seeds presented by J. L. Clucas, Limited, Ormskirk, England. Received June 23, 1960.

266911. No. 1. From Thompson & Morgan, Ipswich, England.
 266912. No. 2. From Museum of Nat. History, Paris, France.
 266913. No. 3. From Messrs. L. Clause, Paris, France.
 266914. No. 4. From Monoique, Castelnaudary, France.
 266915. No. 5. From Dioique, Tunis, North Africa.

266916 to 266924. SORGHUM (hybrids). Poaceae.

From India. Seeds presented by the Rockefeller Foundation, Indian Agricultural Program, New Delhi. Received June 23, 1960.

266916. I.S. 601. 'Black Amber'. 266921. I.S. 625.
 266917. I.S. 602. 'Minnesota Amber'. 266922. I.S. 634.
 266918. I.S. 617. 'Sumac'. 266923. I.S. 687.
 266918. I.S. 623. SPI 35038. 'Sumac'. 266924. I.S. 688. S.A. 1759
 266920. I.S. 624. No. 2. 'Honey'.

266925 and 266926.

From Germany. Seeds presented by van Waveren & de Bres Gesellschaft mit Beschränkter Haftung, Hann, Munden. Received June 23, 1960.

266925. CUCURBITA PEPO L. Cucurbitaceae. Pumpkin.
 'Buscholkurbis' ('Olkurb'). Bush type; seed naked.
 266926. SPINACIA OLERACEA L. Chenopodiaceae. Common spinach.
 'Universal'.

266927. SORGHUM BICOLOR (L.) Moench. Poaceae.

From India. Seeds presented by the Sugarcane Breeding Institute, Coimbatore. Received June 23, 1960.

- 'Cholam'. Co. 1.

266928 to 266950.

From Japan. Seeds presented by the University of Osaka, Taisen-cho, Sakai, Osaka Prefecture. Received June 23, 1960.

- 266928 to 266938. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.
 266928. 'Kanro'. Grown in northeastern Japan, including Hokkaido. Plant vigorous; andromonoecious; fruit oblong, trace of a rib, not netted; skin greyish green, juicy. Selfed seed.
 266929. 'Kiku'. Grown in Kansai area, western Japan. Plant andromonoecious; fruit to 500 grams, rather flat, deeply ribbed, not netted; skin white; flesh white, mealy. Selfed seed.
 266930. 'Kotobuki'. Newest variety on Japanese market. Originated in Nara Prefecture. Plant andromonoecious; fruit small, rounded, not ribbed or netted, sutures absent; skin golden yellow; flesh white; sugar content high; musky odor absent. Selfed seed.
 266931. 'Nara No. 1'. Old variety originated in Nara Prefecture. Plant andromonoecious, early maturing; fruit oblong; neither ribbed nor netted; skin golden yellow; flesh white, mealy. Selfed seed.

266928 to 266950—Continued

266928 to 266938—Continued

266932. 'New Melon'. Plant andromonoecious; fruit to 400 grams, rounded not ribbed; sutures absent; skin creamy white; flesh white; sugar content high. Selfed seed.
266933. 'Ogon No. 9'. Grown in Kanto (Tokyo) area. Plant andromonoecious; fruit to 300 grams, oblong; skin smooth, yellow; flesh white, rather mealy. Selfed seed.
266934. 'Seikan'. May be var. *microsperma* from Kosa. Fruit oblong, not netted or ribbed; skin greyish green with blotches of dark green; flesh salmon pink, juicy. Late. Selfed seed.
266935. 'Hyogo Shiro-uri'. Grown in Hyogo Prefecture (Kobe). Moisture and summer heat resistant. Selfed seed.
266936. 'Katura'. Originated in Kyoto Prefecture. Fruit oblong to 30 cm. long; skin green, turning white when ripe. Late. Selfed seed.
266937. 'Osaka Kuromon Aoshiro-uri'. Originated in Osaka Prefecture. Grown in Kansai area, western Japan. Flesh thick, crisp. Immature fruit sliced and used in salad. Selfed seed.
266938. 'Tokyo Oshiro-uri'. Fruit to 2 kg., oblong cylindrical, to 60 cm. long; skin smooth white; flesh white; cucumber flavor, unpalatable when ripe. Selfed seed.

266939. CUCUMIS MELO var. FLEXUOSUS (L.) Naud. Cucurbitaceae.

Snake melon.

No. 111. From Afghanistan. Greenhouse grown in Japan. Plant monoecious, this gene is dominant to andromonoecious; flowers large; leaves pale; flesh slightly acid, salmon pink, with cucumberlike odor. Selfed seed.

266940. CUCUMIS MELO var. INODORUS Naud.

Winter melon.

No. 242. From Shahrud, Iran. Plant andromonoecious; fruit large, flat, not netted; skin yellow when ripe, blotchy green when immature; flesh white, thick, fine textured; sugar content high. Selfed seed, third generation.

266941 to 266950. CUCUMIS MELO var. RETICULATUS Naud. Netted melon.

266941. 'Ananus d'Amerique a Chair Rouge'. From Vilmorin, France.
266942. 'Blenheim Orange'.
266943. 'Cavaillon Espagnol'. From Vilmorin, France. Selfed.
266944. 'Earl's Favourite'. From England. Plant andromonoecious, susceptible to midsummer heat; fruit lacks flavor and keeping qualities. Selfed seed, sixth generation.
266945. 'Hero of Lorkinge'.
266946. 'Melon de Poche'. From Vilmorin, France.
266947. 'Pearl'. Originated at Okitu Horticultural Experiment Station ('British Queen' × 'Earl's Favourite') × 4n-'Hero of Lorkinge'. Suitable for home gardens. Selfed seed, second generation.
266948. 'Superative'.
266949. 'Vert Grim pant'. From Vilmorin, France. Selfed.
266950. No. 701. From Haibak, Afghanistan. Fruit flat, netted, with a slight ribbing; skin greyish green; flesh white. Poor keeping quality. Third generation selfed.

266951 to 266970.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received June 23, 1960.

266951 to 266962. SORGHUM BICOLOR var. ARDUINI (Koern.) Snowden Poaceae.

266951 to 266970—Continued**266951 to 266962—Continued**

266951. No. 235. Dwarf type. From China.
 266952. No. 1022. Medium tall. From China.
 266953. No. 1171. From Japan.
 266954. No. 1173. From Japan.
 266955. No. 1257. From Korea. Tall.
 266956. No. 1260. From Korea.
 266957. No. 1263. Medium tall. From China.
 266958. No. 1728. From China.
 266959. No. 2557. From China.
 266960. No. 2564. Medium tall. From China.
 266961. No. 2566. Medium tall. From China.
 266962. No. 2571. From China.

266963 to 266965. SORGHUM (hybrids). Poaceae.

266963. No. 193. *S. sudanense* hybrid. No. 5. Ukraine.
 266964. No. 195. *S. sudanense* hybrid. Ukraine. Glumes black.
 266965. *S. bicolor* × *S. halepense*.

266966 to 266970. ZEA MAYS L. Poaceae.**Corn**

266966. Dent type with orange tip; line 64A. Northern Caucasus.
 266967. K-12000. Yellow dent. Odessa, Ukraine.
 266968. 10479. Yellow dent line 133A. Northern Caucasus.
 266969. 10496. Line 157. Northern Caucasus.
 266970. Line 158, yellow dent. Northern Caucasus.

266971. IRIS (hybrid). Iridaceae.

From Israel. Bulbs presented by the Agricultural Export Company, Tel Aviv. Received June 23, 1960.

'Wedgewood'.

266972 to 266979.

From Turkey. Seeds presented by the Department of Agronomy, University of Ankara, Ankara. Received June 24, 1960.

266972. AVENA BYZANTINA Koch Poaceae.**Oats.**

P. No. 59/639. Kutuk No. 9885/1.

266973. AVENA SATIVA L.**Common oats.**

P. No. 59/587. Kutuk No. 9864.

266974. HORDEUM DISTICHON L. Poaceae.**Two-rowed barley.**

157/37. 'Tokak'.

266975. SECALE CEREALE L. Poaceae.**Rye.**

59/80 'Ankora'.

266976. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

220/39 'Kose Bugday'.

266977. TRITICUM COMPACTUM Host

111/33.

266978 and 266979. TRITICUM DURUM Desf.**Durum wheat.**

266978. 073/44.

266979. 414/44. 'Akbasak'.

266980 and 266981.

From the Union of South Africa. Seeds presented by the Department of Forestry, Pretoria. Received June 23, 1960.

266980. *CALLITRIS ARBOREA* Schrav. ex. E. Mey. Pinaceae.

266981. *PODOCARPUS HENCKELII* Stapf ex. Dallimore & Jackson Taxaceae.

266982 to 266999. ZEA MAYS L. Poaceae.**Corn.**

From Japan. Seeds presented by the Hirasuka Branch, National Institute of Agricultural Science, Hiratsuka. Received June 23, 1960.

266982. 'Fuji Sutumura'.

266983. 'Fuji Yoshihara'.

266984 to 266990. Popcorn.

266984. 'Sikoku-Ofuki'. No. 1. Sib.

266985. 'Sikoku-Ofuki'. No. 2. Sib.

266986. 'Kyushu-Aso'. No. 4. Sib.

266987. 'Sikoku-Uchiumi'. No. 5. Sib.

266988. 'Sikoku-Uchiumi'. No. 6. Sib.

266989. 'Kyushu-Itsuki'. No. 8. Open.

266990. 'Sikoku-Kagawa'. No. 9. Open.

266991. Hamada-4. Sib. 'Vientine'. Y-waxy. Laos.

266992. Nakamura-3. (11-1). 'Chanacer Andong', 'Kg. Thom'. Camodge. Y-waxy.

266993. Nakamura-17. Sib. 'Kg. Thom'. Camodge. Y-flint and waxy.

266994. Nakamura-25. Sib. 'Phnom-Hiep', 'Siem Reap'. Camodge. Y-waxy and flint.

266995. Nakamura-26. Sib. 'Mongol Borey', 'Battambang'. Camodge. Y-waxy.

266996. Nakamura-27. Sib. 'Phnom Thmay', 'Battambang'. Camodge. Y-waxy.

266997. Nakamura-28. Sib. 'Phnom Thmay', 'Battambang'. Camodge. Y-waxy.

266998. Nakamura-31. Sib. 'Kg Chhnang'. 'Kg Chhnang. Camodge. Y-waxy.

266999. Nakamura-36. Sib. 'Samrang Them', 'Kandal'. Camodge. Y-waxy and flint.

267000. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From France. Seeds presented by the Museum National d'Histoire Naturelle, Paris. Received June 23, 1960.

267001 to 267047. THEMEDA TRIANDRA Forsk. Poaceae.**Rooi grass.**

From the Union of South Africa. Seeds presented by the Division of Crops and Pastures, Department of Agriculture, Pretoria. Received June 28, 1960.

267001. No. 18. DL/60/888.

267006. No. 43. DL/60/876.

267002. No. 24. DL/60/893.

267007. No. 47. DL/60/910.

266703. No. 37. DL/60/874.

267008. No. 47. DL/60/910.

267004. No. 40. DL/60/915.

267009. No. 48. DL/60/913.

267005. No. 42. DL/60/877.

267010. No. 51. DL/60/887.

267001 to 267047—Continued

267011. No. 53. DL/60/906.	267030. No. 82. DL/60/880.
267012. No. 60. DL/60/872.	267031. No. 83. DL/60/916.
267013. No. 62. DL/60/901.	267032. No. 84. DL/60/884.
267014. No. 63. DL/60/894.	267033. No. 85. DL/60/908.
267015. No. 64. B/60/19.	267034. No. 86. DL/60/878.
267016. No. 65. DL/60/873.	267035. No. 87. DL/60/882.
267017. No. 66. DL/60/896.	267036. No. 88. DL/60/899.
267018. No. 68. DL/60/875.	267037. No. 89. DL/60/909.
267019. No. 69. DL/60(898).	267038. No. 91. DL/60/889.
267020. No. 70. DL/60/905.	267039. No. 96. DL/60/895.
267021. No. 71. DL/60/917.	267040. No. 97. DL/60/886.
267022. No. 72. DL/60/907.	267041. No. 98. DL/60/879.
267023. No. 73. DL/60/914.	267042. No. 99. DL/60/890.
267024. No. 73. DL/60/914.	267043. No. 107. DL/60/883.
267025. No. 76. DL/60/903.	267044. No. 171. DL/60/902.
267026. No. 77. DL/60/911.	267045. No. 173. DL/60/912.
267027. No. 78. DL/60/891.	267046. No. 473. DL/60/892.
267028. No. 79. DL/60/885.	267047. No. 821. DL/60/881.
267029. No. 80. DL/60/897.	

267048. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From the Union of Soviet Socialist Republics. Seeds presented by the Hortus Botanicus Principalis Academiae Scientiarum, Moscow. Received June 27, 1960.

267049 and 267050. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From the Netherlands. Seeds presented by the Van Engelen Brothers Hertogenbosch. Received June 27, 1960.

267049. Early type.

267050. Late type.

267051 to 267068.

From Poland. Seeds presented by the Instytut Hodowlii Aklimatyzacji Roslin, Warsaw. Received June 27, 1960.

267051. AGROSTIS ALBA L. Poaceae. **Redtop.**

'Polanowicka'.

267052. ALOPECURUS PRATENSIS L. Poaceae. **Meadow foxtail.**

'Polanowicki'.

267053. BECKMANNIA ERUCAEFORMIS (L.) Host Poaceae. **Sloughgrass.**

267054. BROMUS INERMIS Leyss. Poaceae. **Brome.**

'Brudzynska'.

267055. DACTYLIS GLOMERATA L. Poaceae. **Orchardgrass.**

'Nakielska'.

267056. FESTUCA RUBRA L. Poaceae. **Red fescue.**

'Brudzynska'.

267057. LOLIUM MULTIFLORUM Lam. Poaceae. **Italian ryegrass.**

'Brudzynska'.

267051 to 267068—Continued

267058. *LOLIUM PERENNE* L. Perennial ryegrass.
267059. *LOLIUM* sp.
267060. *LOTUS CORNICULATUS* L. Fabaceae. Birdsfoot trefoil.
'Podnocna'.
267061. *MEDICAGO HISPIDA* Gaertn. Fabaceae.
267062. *MEDICAGO LUPULINA* L. Black medic.
267063. *PHLEUM PRATENSE* L. Poaceae. Timothy.
267064. *POA NEMORALIS* L. Poaceae. Wood bluegrass.
'Brudzynska'.
- 267065 and 267066. *POA PRATENSIS* L. Kentucky bluegrass.
267065. 'Brudzynska'.
267066. 'Pudawka'.
267067. *TRIFOLIUM HYBRIDUM* L. Fabaceae. Alsike clover.
'Ponocna'.
267068. *TRIFOLIUM REPENS* L. Whiteclover.
'Podkowa'.
- 267069. TUSSACIA** sp. Gesneriaceae.
From the British West Indies. Cuttings collected by J. L. Creech, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Maryland. Received June 27, 1960.
Collected in wild, Sangre Grande, Trinidad, June 22, 1960.
- 267070. CYNODON DACTYLON** (L.) Pers. Poaceae. Bermudagrass.
From Iran. Plants collected by J. R. Harlan, University of Oklahoma, Stillwater, Oklahoma. Received June 21, 1960.
Col. No. 72. Dry slope in plowed field 78 km. north of Kermanshah, road to Sanandaj. Collected June 11, 1960.
- 267071. ORYZA SATIVA** L. Poaceae.
From Saudi Arabia. Seeds presented by Rajah Jehah, Aramco, Abquaq. Received June 28, 1960.
From an Experiment Station near Hufuf.
- 267072. ERIANTHUS ARUNDINACEUS** (Retz.) Jesw. Poaceae.
From Burma. Cuttings presented by E. A. W. Wagenaar, No. 1 Resettlement Unit, Myitkyina. Received June 29, 1960.
- 267073 to 267187.**
From the Union of Soviet Socialist Republics. Seeds presented by the Department of Agriculture, Moscow. Received June 28, 1960.
267073. *AVENA BYZANTINA* Koch Poaceae. Oats.
K-9992. Sasharkansk District.
267074. *AVENA SATIVA* L. Common oats.
K-6526. 'Aurea Stepiak 648'. Tamboriskya District.
267075. *AVENA SATIVA* var. *ARISTATA* Schlecht.
K-9950. 'Igeva Agn'. Estonia Republic.
- 267076 to 267080. *AVENA SATIVA* var. *MUTICA* Schlecht.
267076. K-9869. 'Khibini Z'. Murmansk District.

267073 to 267187—Continued

267076 to 267080—Continued

267077. K-9929. 'Stendski'. Small, early. Latvia.
 267078. K-10734. 'Igeva Khyamarik'. Estonia.
 267079. K-10790. 'Igovski 1026'. Kursk District.
 267080. K-10854. 'Artemovski I'. Stalin District.
267081. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
 K-1580. 'Kashipovsky'.
- 267082 to 267085. *CUCUMIS MELO* L. Cucurbitaceae. **Muskmelon.**
 267082. K-1895. 'Aestivales'. 'Ich-Kizil'. From central Asia.
 267083. K-3186. From central Asia.
 267084. K-610. 'Chandalar Gang'. From central Asia.
 267085. K-3802. 'Autumnales Fil', 'Gulabi Oranzhevaya'. From central Asia.
- 267086 to 267088. *CUCUMIS SATIVUS* L. Cucurbitaceae. **Cucumber.**
 267086. K-2437. 'Bershovskii'.
 267087. K-2412. 'Muromskii 36'. Moscow District.
 267088. K-2220. 'Nezheeskii 12'.
- 267089 to 267091. *DAUCUS CAROTA* L. Apiaceae. **Carrot.**
 267089. No. 1608. 'Akushinskaya'. Dagestanskia.
 267090. No. 1623. 'Imaki Surk'. Tadjegkskaya'.
 267091. No. K-1616. 'Mirzoi Zholtaya 304'.
- 267092 to 267099. *SECALE CEREALE* L. Poaceae. **Rye.**
 267092. K-9358. 'Buriatskaya'. From Buriat, Mongolia.
 267093. K-9372. 'Omska'. Omsk District.
 267094. K-9394. 'Volzhanka'. Saratov District.
 267095. K-9563. 'Izyumrud'. Leningrad District.
 267096. K-9565. 'Elovs'. Barnaul (Altai Territory) District.
 267097. K-9566. 'Tulunskaya'. Irkutsk District.
 267098. K-9759. 'Stendskaya II'. Latvia.
 267099. K-9810. 'Beregovskaya Leestnaya'. Zakarpatskaya.
- 267100 and 267101. *SECALE KUPRIJANOVI* Grossh.
 267100. K-9586. Plants long lived, wild. Caucasus.
 267101. K-9670. Plants long lived, wild. Caucasus.
267102. *SECALE SEGETALE* (Zhuk.) Roshev.
 K-9585. 'Perevaya'. Highlands, Azerbaijan Republic.
267103. *SORGHUM DOCHNA* var. *TECHNICUM* (Koern.) Snowden Poaceae.
 No. 591. 'Crimean 714'. Crimea District.
267104. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**
 No. 510. 'Cylinder A-132'. Krasnodar.
- 267105 to 267114. *SORGHUM DURRA* (Forsk.) Stapf. Poaceae.
 267105. K-11. 'Durra Buyera'.
 267106. K-64/II. 'Black Dwarf'.
 267107. K-103. 'Zshngara Red'. Bread grain sorghum.
 267108. K-374. 'Durra White'. From Palestine. Bread grain sorghum.

267073 to 267187—Continued

267105 to 267114—Continued

267109. K-637/II. 'Urus Dzshugara'.
 267110. K-752/I. White. From Armenia.
 267111. K-781/I. White.
 267112. K-819. 'Zshngara'. Forty days. Turkmanchai, Azerbaijan.
 267113. K-892. 'Durra White'. From Africa.
 267114. K-929. Bread grain sorghum. From China.
267115. *SORGHUM DOCHNA* var. *TECHNICUM* (Koern.) Snowden
 K-34. Broom sorghum.
267116. *SOLANUM MELONGENA* L. Solanaceae. **Eggplant.**
 K-591. Rostov.
- 267117 to 267125. *SORGHUM BICOLOR* (L.) Moench
 267117. K-540. 'White Kaffir'. Georgia, U.S.S.R.
 267118. K-38/II. 'Yantara Red'. Sweet sorghum. From U.S.A.
 267119. K-39. 'Yantara Black'. Sweet sorghum. From U.S.A.
 267120. K-47. 'Yantara Early'. Sweet sorghum. Georgia, U.S.S.R.
 267121. K-81. 'Yantara Black'. Sweet sorghum. From Germany.
 267122. K-337/I. 'Yantara Black'. Sweet sorghum. From France.
 267123. K-460. 'Amber'. Early. Sweet sorghum.
 267124. K-731. 'Orange'. Sweet sorghum. From Mexico.
 267125. K-787. 'Chyamuk'. Sweet sorghum. From Azerbaijan.
267126. *SORGHUM CERNUUM* var. *YEMENSE* (Koern.) Snowden
 K-357. 'Feterita'.
267127. *SORGHUM NERVOSUM* var. *NERVOSUM* (Hack.) Snowden
 K-24. 'Gaolian'.
267128. *SORGHUM DOCHA* var. *FORMOSUM* Snowden
 K-385. 'Gaolian Broom'.
267129. *SORGHUM NERVOSUM* var. *NERVOSUM*
 K-403. 'Gaolian'. From Manchuria.
267130. *SORGHUM BICOLOR* var. *SUBGLOBOSUM* (Hack.) Snowden
 K-517. 'Gaolian'. Tall growing.
267131. *SORGHUM* sp.
 K-522.B. 'Gaolian Red'. From Manchuria.
- 267132 to 267151. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**
 267132. K-34706. 'Albidum'. Spring type.
 267133. K-34781. 'Barbarossa AC'. 'Lesostepka'. Ukraine. Winter type.
 267134. K-10359. 'Erythrospermum'. Zemka, Ukraine. Winter type.
 267135. K-38503. 'Erythrospermum Nouvoukrainka 83'. Krasnodar. Winter type.
 267136. K-40583. 'Erythrospermum Bezenchuk'. Kuibyshev, Tashkent. Spring type.
 267137. K-40604. 'Erythrospermum Odesskaya'. Ukraine. Winter type.

267073 to 267151—Continued

267132 to 267151—Continued

267138. K-40651. 'Erythrospermum Skorospelka'. Krasnodar. Winter type.
267139. K-41158. 'Erythrospermum Belowsskaya'. Belorussia, Tashkent. Spring type.
267140. K-34028. 'Ferrugineum', 'Krasnoyarka'. Krasnodar. Winter type.
267141. K-41633. 'Ferrugineum Karzakstanskaya'. Kazakstan, Alma-Ata.
267142. K-10245. 'Hostianum 23F'. Saratov. Winter type.
267143. K-39033. 'Hostianum Zenitka'. Ukraine. Winter type.
267144. K-38331. 'Lutescens'. Kuibyshev. Spring type.
267145. K-38337. 'Lutescens'. Saratov. Spring type.
267146. K-38385. 'Lutescens'. Ukraine. Winter type.
267147. K-40649. 'Lutescens Bezostaya'. Krasnodar, Tashkent. Winter type.
267148. K-41147. 'Lutescens Veselopodolyankaya'. Ukraine. Winter type.
267149. K-22236. 'Milturum'. Omsk. Spring type.
267150. K-40329. 'Saratovnaya'. Saratov. Spring type.
267151. K-38383. 'Velutinum'. Stepnaya. Voronen. Winter type.
- 267152 to 267155. TRITICUM DURUM Desf. **Durum wheat.**
267152. K-11372. 'Hordeiforme'. Saratov. Spring type.
267153. K-34734. 'Hordeiforme'. Kuibyshev, Saratov. Spring type.
267154. K-38514. 'Hordeiforme'. Ukraine. Spring type.
267155. K-39781. 'Hordeiforme'. Akmolinka. Kazakstan. Spring type.
- 267156 to 267187. ZEA MAYS L. Poaceae. **Corn.**
267156. 'Alashskaya Fholtaya'. Yellow dent. Gruzinskaya.
267157. 'Cinguantina'. Flint. Moldavskia.
267158. 'Dakota White'. Flint. Stalingrad District.
267159. 'Droznenskaya'. White dent.
267160. 'Fubowidnaya 3135'. Yellow dent. Chernovsty District.
267161. 'Gehu'. Flint. From Minnesota.
267162. 'Goretz'. White dent. Caucasus.
267163. Inbred A385.
267164. Inbred Cr 2.
267165. Inbred Dr. 22.
267166. Inbred 2 KM 368.
267167. Inbred T8144. Kneeskh.
267168. Inbred T8146.
267169. Inbred T8302.
267170. Inbred T8354.
267171. Inbred T8445.
267172. Inbred T8614.
267173. Inbred T8827.

267073 to 267187—Continued

267156 to 267187—Continued

267174. 'Kartuli-Krugı'. Yellow dent. Gruzimskaya.
 267175. 'Kneeskh 9896'. Moldavian type.
 267176. 'Liming Kruglik'.
 267177. 'Liming Kubanski'.
 267178. 'Mexican Type'. White dent. From California.
 267179. 'Minnesota 13'. Yellow dent. From Minnesota.
 267180. 'Minnesota 23'. White dent. From Minnesota.
 267181. 'Northwestern'. Dent. From Dakota.
 267182. 'Ohslaums'.
 267183. 'Ossetinskaya Celaya Fubowidnaya'. White dent. Caucasus.
 267184. 'Pioneer Dorski'. White dent.
 267185. 'Quebec 28'. Yellow flint. From U.S.A.
 267186. 'Sterling'. White dent.
 267187. 'Zakarpatskaya'. Yellow dent.

267188 to 267190. PRUNUS ARMENIACA L. Amygdalaceae.

Apricot.

From Tunisia. Seeds presented by the Service Botanique et Agronomique, Ariana. Received June 29, 1960.

267188. 'Bedri'.
 267189. 'Chechi'.
 267190. 'Hamidi'.

267191 to 267194. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. **Sweetpotato.**

From New Zealand. Tubers presented by the Crop Research Division, Vegetable Research Station, Olana, Auckland. Received June 30, 1960.

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|---------------|----------------|
| 267191. NZ 1. | 267193. NZ 19. |
| 267192. NZ 2. | 267194. NZ 27. |

267195. EUPHORBIA PULCHERRIMA Willd. ex Klotzsch. Euphorbiaceae. **Poinsettia.**

From Mexico. Seeds presented by Arthur Stockdale, Mexico City. Received June 30, 1960. Bracts salmon colored.

267196. CHRYSANTHEMUM (hybrids). Asteraceae.

From China. Plants presented by National Taiwan University through the International Cooperation Administration, Taipei, Taiwan. Received Jan. 16, 1957. Numbered June 30, 1960.

'Taiwan No. 15'. 'Autumn in the Shieh's. Flowers early, white, incurved, standard, center open, abundant in eight weeks of short days.

267197. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**

From the United States. Seeds presented by Herbst Brothers, New York. Received May 6, 1959. Numbered June 30, 1960.

Plant midseason variety; vigor good; fruit to 12 inches long and three inches diameter, light green to yellow; spines white. From China.

267198. CONVALLARIA EISKEI Miq. Convallariaceae.

From Japan. Seeds presented by the Aomori Branch Station, Okidate, Aomori. Received March 22, 1958. Numbered June 30, 1960.

267199. EPHEDRA SINICA Stapf Gnetaceae.

From the United States. Seeds held by the Crops Research Division, Plant Industry Station, Beltsville, Md. Received 1957. Numbered June 30, 1960.

267200 to 267202. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From Hungary. Seeds presented by the Orszagos Agrobotanikai, Intezet, Tapioszele. Received June 30, 1960.

267200. No. 1. 1283/1960 V. 25.

267201. No. 2. 1283/1960 V. 25.

267202. No. 3. 1283/1960 V. 25.

267203 to 267226. ZEA MAYS L. Poaceae. Corn.

From various sources. Seeds held at Regional Plant Introduction Station, Ames, Iowa. Numbered June 30, 1960.

267203. A-24. 'Abhazkaya Zheltaya'. Late variety. From Georgia, U.S.S.R. via Russian delegation to U.S.A., July 1958.

267204. A-23. 'Adzhametskaya Belay'. Late indented variety. From Georgia, U.S.S.R. via Russian delegation to U.S.A., July 1958.

267205. A-32. 'Banatean'. Yellow flint. From Romania via University of Wisconsin, April 1959.

267206. A-5. 'Chirpan 90'. From a Russian delegation July 1958. From Bulgaria.

267207. A-27. 'Cincantin'. Yellow flint. From Romania via University of Wisconsin, April 1959.

267208. A-14. 'Czechnicka'. From Poland via Russian delegation to the U.S.A., July 1958.

267209. A-43. 'Gorets Rannity'. From the University of Wisconsin, April 1959. From U.S.S.R. (Northern Caucasus).

267210. A-28. 'Icar 54'. Yellow dent. From the University of Wisconsin, April 1959. From Romania.

267211. A-30. 'Lapusneas'. Yellow flint. From the University of Wisconsin, April 1959. From Romania.

267212. A-15. 'Flint. From Russian delegation, July 1958. From Moldavia.

267213. A-8. 'Mestnaya'. Indented. From Russian delegation, July 1958. From Bulgaria.

267214. A-2. 'Mestnaya Zheltaya Dalinnaya'. Indented. From Russian delegation, July 1958. From Albania.

267215. A-6. 'Mestnaya Zheltaya Uluchennaya'. Indented, yellow. From Russian delegation, July 1958. From Bulgaria.

267216. A-13. 'Oksonska'. From Russian delegation, July 1958. From Poland.

267217. A-22. 'Pioner Gorskiy'. Indented, late variety. From Russian delegation, July 1958. From U.S.S.R. (North Caucasus).

267218. A-31. 'Portocalin'. Yellow flint. From the University of Wisconsin, April 1959. From Romania.

267219. A-34. 'Romnese-Studina'. Yellow flint. From the University of Wisconsin, April 1959. From Romania.

267220. A-33. 'Scorumnic'. Yellow flint. From the University of Wisconsin, April 1959. From Romania.

267221. A-3. 'Slyanic'. Indented. From Russian delegation, July 1958. From Albania.

267203 to 267226—Continued

267222. A-1. 'Sulyeva Belays'. Indented. From Russian delegation, July 1958. From Albania.
267223. A-29. Open pollinated yellow dent. From the University of Wisconsin, April 1959. From Romania.
267224. A-38. Yellow flint. From the University of Wisconsin, April 1959. From Bulgaria.
267225. A-21. From Russian delegation July 1958. From U.S.S.R. (Northern Caucasus).
267226. A-9. 'Mestnaya'. Indented, midseason variety. From Russian delegation, July 1958. From Bulgaria.

267227 to 267234.

From the Ivory Coast. Seeds presented by Institut des Fruits et Agrumes Coloniaux, Abidjan. Received June 7, 1960. Numbered July 1, 1960.

- 267227 to 267231. CITRUS AURANTIFOLIA (Christm.) Swingle Rutaceae.
Lime.
267227. 'Lime Acide de Tunisie'. 267230. 'Limonette de Marrakech'.
267228. 'Lime du Motasseb'. 267231. 'Sweet Lime Fourny'.
267229. 'Lime Trabelsii'.
267232. CITRUS AURANTIUM L. Seville orange.
'Bigaradier Apepu'.
267233. CITRUS RETICULATA Blanco Mandarin orange.
'Sanguine Trabut'.
267234. CITRUS SINENSIS (L.) Osbeck Orange.
'Sarmenteux de Meknes'.

267235 to 267237.

From the British West Indies. Seeds collected by J. L. Creech, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received July 1, 1960.

267235. CASSIA NODOSA Buch. Caesalpiniaceae.
From St. Louis d'Or, Tobago.
267236. COPERNICIA PRUNIFERA (Miller) H. E. Moore Phoenicaceae.
Carnauba palm.
Port of Spain, Trinidad.
267237. DELONIX REGIA (Boj.) Raf. Caesalpiniaceae. Royal poinciana.
A yellow-flowered tree, cultivated on Tobago.

267238 to 267279.

From Great Britain. Plants presented by the Royal Botanic Garden, Edinburgh, Scotland. Received June 14, 1960.

- 267238 to 267257. ILEX AQUIFOLIUM L. Aquifoliaceae. English holly.
267238. 'Argentea Marginata'. 267245. 'Golden King'.
267239. 'Argentea Pendula'. 267246. 'Graecian'.
267240. 'Aureum Marginata'. 267247. 'Heterophylla'.
267241. 'Aureum Regina'. 267248. 'Intermedia'.
267242. 'Ciliata Major'. 267249. 'Latispina'.
267243. 'Crispa'. 267250. 'Lucida Variegata'.
267244. 'Flavescens'. 267251. 'Maderensis'.

267238 to 267279—Continued

267238 to 267257—Continued

267252. 'Maderensis Variegata'. 267255. 'Recurvata'.
 267253. 'Media Picta'. 267256. 'Serratifolium'.
 267254. 'Ovata'. 267257. 'Whittingtonensis'.

267258. *ILEX AQUIFOLIUM* f. *BACCIFLAVA* (West.) Rehder

267259 to 267261. *ILEX AQUIFOLIUM* f. *FEROX* (Ait.) Schneider

267259. 'Aurea'.
 267260. 'Variegata'.
 267261. No varietal name given.

267262 and 267263. *ILEX AQUIFOLIUM* f. *PENDULA* (Loud.) Schelle

267262. 'Tricolor'.
 267263. No varietal name given.

267264. *ILEX CILIOSPINOSA* Loes.

267265. *ILEX CORNUTA* Lindl. & Paxt. Chinese holly.
 'Burford'.

267266. *ILEX CRASSIFOLIA* Hook.

267267 and 267268. *ILEX CRENATA* f. *LATIFOLIA* (Goldr.) Rehder

267267. 'Major'.
 267268. No varietal name given.

267269. *ILEX DIPYRENA* Wall.

267270. *ILEX INTEGRATA* Thunb.

267271. *ILEX PEDUNCULOSA* var. *CONTINENTALIS* Loes.

267272 and 267273. *ILEX PERNYI* Franch

267272. 'Veitchii'.
 267273. No varietal name given.

267274 to 267279. *ILEX* × *ALTAACLARENSIS* Dallim.

267274. 'Camelliaefolia Aurea'. 267277. 'Nobilis'.
 267275. 'Hodginsii'. 267278. 'Shepherdii'.
 267276. 'Lawsoniana'. 267279. 'Wilsonii'.

267280 to 267297.

From Panama. Plants purchased from H. A. Dunn, Balboa, Canal Zone. Received June 2, 1960. Numbered July 5, 1960.

267280. *BRASSIA ALLENII* (L. O. Wms.) C. Schweinf. Orchidaceae.
 267281. *CATASETUM VIRIDIFLAVUM* Hook. Orchidaceae.
 267282. *CHONDRORHYNCHA LIPSCOMBLAE* Rolfe. Orchidaceae.
 267283. *CORYANTHES HUNTERIANA* Schltr. Orchidaceae. Orchid.
 267284. *EPIDENDRUM FRAGRANS* Sw. Orchidaceae. Orchid.
 267285. *GONGORA AROMATICA* Reichb. f. Orchidaceae. Orchid.
 267286. *HUNTLEYA BURTII* Pfitz. Orchidaceae. Orchid.
 267287. *IONOPSIS UTRICULARIOIDES* Lindl. Orchidaceae. Orchid.
 267288. *MORMODES HOOKERI* Lem. Orchidaceae. Orchid.
 267289. *ONCIDIUM BAUERI* Lindl. Orchidaceae. Orchid.
 267290. *ONCIDIUM CHEIROPHORUM* Reichb. f. Orchid.

267280 to 267297—Continued

267291. *ONCIDIUM PUSILLUM* Reichb. f. **Orchid.**
 267292. *ONCIDIUM TERES* Ames & Schweinf. **Orchid.**
 267293. *ORNITHESCEPHALUS BICORNIS* Lindl. Orchidaceae. **Orchid.**
 267294. *PESCATOREA CERIN* Reichb. f. Orchidaceae.
 267295. *STANHOPEA BUCEPHALUS* Lindl. Orchidaceae.
 267296. *STELIS HYMENANTHA* Schltr. Orchidaceae.
 267297. *TRICHOCENTRUM PANAMENSE* Rolfe. Orchidaceae. **Orchid.**
 267298. *PLECTRANTHUS CILIATUS* E. Mey. **Menthaceae.**

From the Union of South Africa. Plants presented by the Division of Botany, Pretoria. Received July 6, 1960.

267299 to 267313. *LOLIUM PERENNE* L. Poaceae.**Perennial ryegrass.**

From New Zealand. Seeds presented by the Grasslands Division, Department of Scientific and Industrial Research, Palmerston, North Island. Received July 7, 1960.

267299. A 2070. Collected at Otematata Saddle, Otago, South Island.
 267300. A 2082. 'Golden Perennial' ex McGill, Smith, England.
 267301. A 2096. Pasture North Canterbury, South Island.
 267302. A 2097. Thirty-year-old pasture, Auckland, North Island.
 267303. A 2099. Otematata strain, Department of Agriculture, Oamaru, South Island.
 267304. A 2135. Wairarapa, North Island.
 267305. A 2184. Pasture Hawkes Bay, North Island.
 267306. A 2185. Pasture Poverty Bay, North Island.
 267307. A 2240. Pasture North Canterbury, South Island.
 267308. A 2242. Ashburton, Canterbury, South Island.
 267309. A 2243. Waimate, Canterbury, South Island.
 267310. A 2244. Rakaia, Canterbury, South Island.
 267311. A 2245. Dunedin, Otago, South Island.
 267312. A 2246. No data.
 267313. A 2251. Forty-year-old pasture, Auckland, North Island.
 267314. *NICOTIANA TABACUM* L. Solanaceae. **Common tobacco.**

From Argentina. Seeds presented by the Instituto Nacional de Tecnologia Agropecuaria, Salta. Received July 7, 1960.

'Chicoana No. 1'. Virginia type, from 402 × 'Harrison', cross made in Argentina, 1949-50. Reselected and selfed for nine seasons. Yield high; quality excellent in Argentina.

267315 and 267316.

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received July 7, 1960.

267315. *CROTON TIGLIUM* L. Euphorbiaceae.

I.W. 1742.

267316. *PENNISETUM HOHENACKERI* Hochst. Poaceae.

I.W. 1765.

267317 and 267318.

From the United States. Seeds presented by the Los Angeles State and County Arboretum, Arcadia, California. Received July 7, 1960.

267317. EUCALYPTUS DEGLUPTA Blume Myrtaceae.

267318. EUCALYPTUS GUMMIFERA (Gaertn.) Hochr.

267319. EUCALYPTUS ALBA Reinw. ex Blume Myrtaceae.

From Australia. Seeds presented by the Forestry and Timber Bureau, Canberra. Received July 7, 1960.

267320 to 267656.

From India. Seeds presented by the Rockefeller Foundation, Indian Agricultural Program, New Delhi. Received July 8, 1960.

267320. SORGHUM ARUNDINACEUM (Willd.) Stapf Poaceae.

No. 232. I.S. 2894.

267321 and 267322. SORGHUM CAUDATUM (Hack.) Stapf

267321. No. 202. I.S. 2963. 'White Hegari' DL/59/1540.

267322. No. 203. I.S. 2864. 'Red Hegari' DL/59/1541.

267323. SORGHUM DURRA (Forsk.) Stapf.

No. 320. I.S. 3032. 'Tomentosum 62-B'. Panicle branches long cluster type; central rachis protracted.

267324. SORGHUM MELLITUM Snowden

No. 204. I.S. 2865. 'Haakdoorn' DL/59/1542. From South Africa.

367325. SORGHUM PURPUREO-SERICEUM (Hochst.) Aschers. & Schweinf.

No. 128. I.S. 2776. From Uganda.

267326 to 267333. SORGHUM VERTICILLIFLORUM (Steud.) Stapf

267326 No. 124. I.S. 2772. **267330.** No. 129. I.S. 2777.

267327. No. 125. I.S. 2773. **267331.** No. 130. I.S. 2778.

267328. No. 126. I.S. 2774. **267332.** No. 131. I.S. 2779.

267329. No. 127. I.S. 2775. **267333.** No. 324. I.S. 3036.

267334 to 267651. SORGHUM BICOLOR (L.) Moench

267334. No. 205. I.S. 2866. DL/59/1543.

267335. No. 1. I.S. 2649.

267336. No. 2. I.S. 2650.

267337. No. 3. I.S. 2651.

267338. No. 4. I.S. 2652.

267339. No. 5. I.S. 2653.

267340. No. 6. I.S. 2654. C-1.

267341. No. 7. I.S. 2655. C-5.

267342. No. 8. I.S. 2656. C-7.

267343. No. 9. I.S. 2657. C-8.

267344. No. 10. I.S. 2658. C-9.

267345. No. 11. I.S. 2659. C-11.

267346. No. 12. I.S. 2660. C-15.

267347. No. 13. I.S. 2661. C-21.

267348. No. 14. L.S. 2662. C-25.

267349. No. 15. I.S. 2663. 'Edeidei'.

267320 to 267656—Continued**267334 to 267651—Continued**

267350.	No. 16.	I.S. 2664.	G-4.
267351.	No. 17.	I.S. 2665.	G-14.
267352.	No. 18.	I.S. 2666.	G-18.
267353.	No. 19.	I.S. 2667.	G-20.
267354.	No. 20.	I.S. 2668.	G-22.
267355.	No. 21.	I.S. 2669.	G-26.
267356.	No. 22.	I.S. 2670.	G-27.
267357.	No. 23.	I.S. 2671.	G-28.
267358.	No. 24.	I.S. 2672.	G-29.
267359.	No. 25.	I.S. 2673.	G-31.
267360.	No. 26.	I.S. 2674.	G-38.
267361.	No. 27.	I.S. 2675.	G-39.
267362.	No. 28.	I.S. 2676.	G-41.
267363.	No. 29.	I.S. 2677.	G-42.
267364.	No. 30.	I.S. 2678.	G-43.
267365.	No. 31.	I.S. 2679.	G-45.
267366.	No. 32.	I.S. 2680.	J-16.
267367.	No. 33.	I.S. 2681.	J-27.
267368.	No. 34.	I.S. 2682.	J-56.
267369.	No. 35.	I.S. 2683.	J-73.
267370.	No. 36.	I.S. 2684.	KA-2.
267371.	No. 37.	I.S. 2685.	L-20.
267372.	No. 38.	I.S. 2686.	L-28.
267373.	No. 39.	I.S. 2687.	L-33.
267374.	No. 40.	I.S. 2688.	MN-4.
267375.	No. 41.	I.S. 2689.	MN-23.
267376.	No. 42.	I.S. 2690.	Mneja-I.
267377.	No. 43.	I.S. 2691.	N-1.
267378.	No. 44.	I.S. 2692.	No-431.
267379.	No. 45.	I.S. 2693.	No-494.
267380.	No. 46.	I.S. 2694.	R-1.
267381.	No. 47.	I.S. 2695.	R-2.
267382.	No. 48.	I.S. 2696.	SA-2.
267383.	No. 49.	I.S. 2697.	SA-14.
267384.	No. 50.	I.S. 2698.	SB-16.
267385.	No. 51.	I.S. 2699.	SB-26.
267386.	No. 52.	I.S. 2700.	SB-36.
267387.	No. 53.	I.S. 2701.	SB-37.
267388.	No. 54.	I.S. 2702.	SB-40.
267389.	No. 55.	I.S. 2703.	SB-43.
267390.	No. 56.	I.S. 2704.	SB-48.
267391.	No. 57.	I.S. 2705.	SB-53.

267230 to 267656—Continued**267334 to 267651—Continued**

267392. No. 58. I.S. 2706. SB-59.
 267393. No. 59. I.S. 2707. SB-117.
 267394. No. 60. I.S. 2708. SB-141.
 267395. No. 61. I.S. 2709. SB-209.
 267396. No. 62. I.S. 2710. SB-210.
 267397. No. 63. I.S. 2711. SB-216.
 267398. No. 65. I.S. 2713. SB-227.
 267399. No. 66. I.S. 2714. SB-229.
 267400. No. 67. I.S. 2715. SB-232.
 267401. No. 69. I.S. 2717. SB-235.
 267402. No. 70. I.S. 2718. SB-245.
 267403. No. 71. I.S. 2719. SB-255.
 267404. No. 72. I.S. 2720. SB-258.
 267405. No. 73. I.S. 2721. SB-277.
 267406. No. 74. I.S. 2722. SB-281.
 267407. No. 75. I.S. 2723. SB-283.
 267408. No. 76. I.S. 2724. SB-288.
 267409. No. 78. I.S. 2726. BC-2-M. 'Msumbiji (S-75)'.
 267410. No. 79. I.S. 2727. BC-2 'Belko (S-76)'.
 267411. No. 80. I.S. 2728. T-7.
 267412. No. 81. I.S. 2729. T-11.
 267413. No. 82. I.S. 2730. T-15.
 267414. No. 83. I.S. 2731. T-21.
 267415. No. 84. I.S. 2732. T-32.
 267416. No. 85. I.S. 2733. 'Tjolutjo'.
 267417. No. 86. I.S. 2734. W-4.
 267418. No. 87. I.S. 2735. W-5.
 267419. No. 88. I.S. 2736. W-6.
 267420. No. 89. I.S. 2737. W-11.
 267421. No. 90. I.S. 2738. Z-1.
 267422. No. 91. I.S. 2739. Z-2.
 267423. No. 92. I.S. 2740. Z-3.
 267424. No. 93. I.S. 2741. Z-4.
 267425. No. 94. I.S. 2742. Z-5.
 267426. No. 95. I.S. 2743. Z-6.
 267427. No. 96. I.S. 2744. Z-7.
 267428. No. 97. I.S. 2745. Z-8.
 267429. No. 98. I.S. 2746. SG1 Bulk.
 267430. No. 99. I.S. 2747. SG2 Bulk.
 267431. No. 100. I.S. 2748. SG4 Bulk.
 267432. No. 101. I.S. 2749. SG5 Bulk.
 267433. No. 102. I.S. 2750. SG6 Bulk.

267230 to 267656—Continued

267334 to 267651—Continued

267434. No. 103. I.S. 2751. SG7 Bulk.
 267435. No. 104. I.S. 2752. SG9 Bulk.
 267436. No. 105. I.S. 2753. SG10 Bulk.
 267437. No. 106. I.S. 2754. SG11 Bulk.
 267438. No. 107. I.S. 2755. SG12 Bulk.
 267439. No. 111. I.S. 2759.
 267440. No. 112. I.S. 2760.
 267441. No. 114. I.S. 2762.
 267442. No. 115. I.S. 2763.
 267443. No. 116. I.S. 2764.
 267444. No. 117. I.S. 2765. 'Dobbs'.
 267445. No. 118. L.S. 2766. (BC27)2x W1M 42 B-42B.
 267446. No. 119. I.S. 2767. BC-27, white selfed.
 267447. No. 120. I.S. 2768. N-4 ordinary bulk.
 267448. No. 121. I.S. 2769. 'Mumbiji'.
 267449. No. 122. I.S. 2770. No. 5-G37. Best heads selected.
 267450. No. 123. I.S. 2771. SB-256.
 267451. No. 132. I.S. 2780. BC 2 W. 23B/4N Mixed.
 267452. No. 133. I.S. 2781. BC2 MS 38/4N/1.
 267453. No. 134. I.S. 2782. 4N × 5/F3 Ex-Nursery.
 267454. No. 136. I.S. 2784. L.G.5 4N. Seed large.
 267455. No. 137. I.S. 2785. 'Korgi'. From Sudan.
 267456. No. 138. I.S. 2787. 'Muthio'. From Kenya, Africa.
 267457. No. 139. I.S. 2788. 'Muvya'. From Kasunguni.
 267458. No. 140. I.S. 2800. 'El Fadni 58/58'. From Sudan.
 267459. No. 141. I.S. 2801. 'Mugbash 56/56'.
 267460. No. 142. I.S. 2802. 'Gadame El Hamam'.
 267461. No. 143. I.S. 2803. 'Wad Bejhir 51/56'.
 267462. No. 144. I.S. 2804. 'Bahana 32/56'.
 267463. No. 145. I.S. 2805. 'Bahana 31/56'.
 267464. No. 146. I.S. 2806. 'Feterita Wad Umm Benein 15/56'. Bulk
 1.
 267465. No. 147. I.S. 2807. 'Feterita Wad Umm Benein 18/56'. Bulk
 12.
 267466. No. 148. I.S. 2808. 'Feterita Wad Umm Benein 15/56'. Bulk
 9.
 267467. No. 149. I.S. 2809. 'Feterita Wad Umm Benein 13/56'. Bulk 7.
 267468. No. 150. I.S. 2810. 'Feterita Wad Umm Benein 12/56'. Bulk
 6.
 267469. No. 151. I.S. 2811. 'Feterita Wad Umm Benein 15/56'. Bulk
 5.
 267470. No. 152. I.S. 2812. 'Feterita Wad Umm Benein'. 5/30/54/3.
 267471. No. 153. I.S. 2813. 'Feterita Maartuk 1/56/5/30/25/2'.
 267472. No. 154. I.S. 2814. 'Wad Yabgo 132/53'.

267230 to 267656—Continued**267334 to 267651—Continued**

267473. No. 155. T.S. 2815. 'Mugbash'
267474. No. 156. I.S. 2816. 'Zerezera White'.
267475. No. 157. I.S. 2817. 'Gatooma 16/51'. From Southern Rhodesia.
267476. No. 158. I.S. 2818. 'Tseta 27/51'.
267477. No. 159. I.S. 2819. 'Bosman 27/52'.
267478. No. 160. I.S. 2820. No data.
267479. No. 161. I.S. 2821. Tall, bird resistant, 183/56.
267480. No. 162. I.S. 2822. 'Red Swazi 241/56'.
267481. No. 163. I.S. 2823. 'Feterita Wad Umm Benein 23/12/5'.
267482. No. 164. I.S. 2824. 'Mundende 161/57'.
267483. No. 165. I.S. 2825. 68/56. Tall, birdproof. From South Africa.
267484. No. 166. I.S. 2826. Birdproof 196/51.
267485. No. 167. I.S. 2827. Birdproof 224/56.
267486. No. 168. I.S. 2828. 'Barnard's Red 225/56'.
267487. No. 169. I.S. 2829. 'Radar 226/56'.
267488. No. 170. I.S. 2830. 'Rustenberg 242/56'.
267489. No. 171. I.S. 2831. 'Cape Colo 28/53'.
267490. No. 172. I.S. 2832. 'Matilda 60/50'.
267491. No. 173. I.S. 2833. 'Capricorn 8/50'.
267492. No. 174. I.S. 2834. Bird resistant from Karper, Texas, 7612 SA. From Southern Rhodesia.
267493. No. 175. I.S. 2835. 'Milo Feterita 139/51'. From Tanganyika.
267494. No. 176. I.S. 2836. 'Swaziland P.H.I. 170/51'. From Tanganyika.
267495. No. 177. I.S. 2837. 'Hoakdoom 19/59'. Forage sorghum.
267496. No. 178. I.S. 2838. 'Ambercane Sweet Sorghum 24/59'. Forage sorghum.
267497. No. 179. I.S. 2839. 'Ribboncane 11/59'. Forage sorghum.
267498. No. 180. I.S. 2840. 'Bathoen White 57/51'. From Bechuanaland.
267499. No. 181. I.S. 2841. 'Matopos'. Induna.
267500. No. 182. I.S. 2842. 'Matopos' selection 'Shangani 93/56'.
267501. No. 183. I.S. 2843. 'Sambura S3 201/56'. 'Matopos' selection.
267502. No. 184. I.S. 2844. 'Feteritawa Umm Benein 20/56 89/9/7'.
267503. No. 185. I.S. 2845. 'Feteritawa Umm Benein 24/56 79/24/4'.
267504. No. 186. I.S. 2846. 'Feritawad Umm Benein 27/56 23/12/1'.
267505. No. 187. I.S. 2848. 'Swazi Red DL/59/125'. From South Africa.
267506. No. 188. I.S. 2849. 'Birdproof H. Potchefstroom DL/59/1526'. From Pretoria, South Africa.
267507. No. 189. I.S. 2850. 'Plainsman AW/56/29'. From U.S.A.
267508. No. 190. I.S. 2851. 'Radar H. Potchefstroom DL/59/1538'. From U.S.A.

267230 to 267656—Continued

267334 to 267651—Continued

267509. No. 191. I.S.2852. 'Combine AW/58/25/DL/59/1529'. From U.S.A.
267510. No. 192. I.S. 2853. 'Wit Lichtenburg DL/59/1530'.
267511. No. 193. I.S. 2854. 'Barnard Red DL/59/1531'.
267512. No. 194. I.S. 2855. AW 70/12 DL/59/1532.
267513. No. 195. I.S. 2856. 'Ntuli Swaziland AW/58/197 DL/59/1533'.
267514. No. 196. I.S. 2857. 'Settlers DL/59/1534'.
267515. No. 197. I.S. 2858. 'Norghum USA DL/59/1535'.
267516. No. 198. I.S. 2859. 'Natal White DL/59/1536'.
267517. No. 199. I.S. 2860. 'Red Mixed DL/59/1537'.
267518. No. 200. 2861. 'Wit Bultfontein DL/59/1538'.
267519. No. 201. I.S. 2862. 'Framiola DL/59/1539'.
267520. No. 206. I.S. 2867. 'Sugardip DL/59/1544'. Gunson seeds.
267521. No. 207. I.S. 2868. 'Red Amber Glen OFS DL/59/1545'.
267522. No. 208. I.S. 2869. 'Fluweel DL/59/1546'.
267523. No. 209. I.S. 2870. F.A.O. Seed Accession No. 8468 S100.
267524. No. 210. I.S. 2871. F.A.O. S.A. No. 8469.
267525. No. 211. I.S. 2872. F.A.O. S.A. No. 8470.
267526. No. 212. I.S. 2873. F.A.O. S.A. No. 8471.
267527. No. 213. I.S. 2874. F.A.O. S.A. No. 8472.
267528. No. 214. I.S. 2875. F.A.O. S.A. No. 8473.
267529. No. 215. I.S. 2876. F.A.O. S.A. No. 8474.
267530. No. 216. I.S. 2877. F.A.O. S.A. No. 8475.
267531. No. 217. I.S. 2878. F.A.O. S.A. No. 8476.
267532. No. 218. I.S. 2879. F.A.O. S.A. No. 8477.
267533. No. 219. I.S. 2880. M.6509 Variety from Tpiros.
267534. No. 220. I.S. 2881. F.A.O. S.A. No. 8479. 'Hegari'.
267535. No. 233. I.S. 2896.
267536. No. 234. I.S. 2898. From Ethiona, 150 miles south of Addis Ababa, Ethiopia.
267537. No. 234. I.S. 2898. From Ethiona, 150 miles south of Addis Ababa, Ethiopia.
267538. No. 236. I.S. 2900. 'Bascha Mimba'. From Zaria, Samaru, North Nigeria.
267539. No. 237. I.S. 2901. 'Fara Fara'.
267540. No. 238. I.S. 2902. 'Barugan Doki'. From Zaria, Samaru, North Nigeria.
267541. No. 239. I.S. 2903. From Khartoum market, Sudan, via Zaria, Samaru, North Nigeria.
267542. No. 240. I.S. 2904. From Zaria, Samaru, North Nigeria.
267543. No. 241. I.S. 2905. From Khartoum, Sudan.
267544. No. 242. I.S. 2906. 'Kar Kurundu'. From Zaria, Samaru, North Nigeria.
267545. No. 243. I.S. 2907. 'Kaura'. From Zaria, Samaru, North Nigeria.

267230 to 267656—Continued**267334 to 267651—Continued**

267546. No. 244. I.S. 2908. 'Kaura'. Glumes black. From Zaria, Samaru, North Nigeria.
267547. No. 245. I.S. 2909. From Khartoum market, Sudan, via Zaria, Samaru, North Nigeria.
267548. No. 246. I.S. 2910. From Khartoum market, Sudan, via Zaria, Samaru, North Nigeria.
267549. No. 247. I.S. 2911. Kaura type. From Zaria, Samaru, North Nigeria.
267550. No. 249. I.S. 2956. No. 2. From Ethiopia.
267551. No. 250. I.S. 2958. No. 4.
267552. No. 251. I.S. 2959. No. 30. Ethiopian Selection No. 2.
267553. No. 252. I.S. 2960. No. 30. 'Alemaya'.
267554. No. 253. I.S. 2961. No. 31. 'Alemaya'.
267555. No. 254. I.S. 2962. No. 31. Ethiopian Selection No. 3. 'Alemaya'.
267556. No. 255. I.S. 2963. No. 32. 'Alemaya'.
267557. No. 256. I.S. 2964. No. 32. Ethiopian Selection No. 4.
267558. No. 257. I.S. 2965. No. 33. 'Mugsa Alemaya 1957'.
267559. No. 258. I.S. 2966. No. 33. 'Alemaya'.
267560. No. 259. I.S. 2967. No. 35. 'Marul No. 3'. Stalk sweet.
267561. No. 260. I.S. 2970. No. 37. 'Fendieha Alemaya'.
267562. No. 261. I.S. 2971. No. 38. 'Alamaya'.
267563. No. 262. I.S. 2972. No. 38. 'Dongondgof 3803 Alemaya 1957'.
267564. No. 263. I.S. 2973. No. 40. 'Keyila No. 2'.
267565. No. 264. I.S. 2974. No. 40. 'Alemaya'.
267566. No. 265. I.S. 2975. No. 41. 'Alemaya'.
267567. No. 266. I.S. 2976. No. 41. 'Keyila No. 3. Alemaya 1957'.
267568. No. 267. I.S. 2977. No. 43.
267569. No. 268. I.S. 2979. No. 46. From Jimma market, Ethiopia.
267570. No. 269. I.S. 2980. No. 47.
267571. No. 270. I.S. 2981. From Jimma market, Ethiopia. No. 48.
267572. No. 271. I.S. 2982. No. 49.
- 267573 to 267582. From Jimma market, Ethiopia.**
267573. No. 272. I.S. 2983. No. 50.
267574. No. 273. I.S. 9284. No. 51.
267575. No. 274. I.S. 2985. No. 52.
267576. No. 275. I.S. 2986. No. 53.
267577. No. 276. I.S. 2987. No. 54.
267578. No. 277. I.S. 2988. No. 55.
267579. No. 278. I.S. 2989. No. 56.
267580. No. 279. I.S. 2990. No. 57.
267581. No. 280. I.S. 2991. No. 59.
267582. No. 281. I.S. 2992. No. 60.

267230 to 267656—Continued

267583 to 267656. From Imperial Ethiopian College of Agriculture and Mechanical Arts.

267583. No. 282. I.S. 2993. No. 69.
 267584. No. 283. I.S. 2994. No. 70. 'Fendisha'.
 267585. No. 284. I.S. 2995. No. 72.
 267586. No. 285. I.S. 2996. No. 73.
 267587. No. 286. I.S. 2997. No. 77. 'Keyala'.
 267588. No. 287. I.S. 2998. No. 78. 'Keyala II'.
 267589. No. 288. I.S. 2999. No. 78. 'Fendisha'.
 267590. No. 289. I.S. 3000. No. 79. 'Rejim Mugra'.
 267591. No. 290. I.S. 3001. No. 80. Dwarf selection.
 267592. No. 291. I.S. 3002. No. 81. 'Cullubi'.
 267593. No. 292. I.S. 3003. No. 82. 'Zengada'.
 267594. No. 293. I.S. 3004. No. 83. 'Dogongof'.
 267595. No. 294. I.S. 3005. No. 84. 'Dogongof'.
 267596. No. 295. I.S. 3006. No. 85. 'Dogongof'.
 267597. No. 296. I.S. 3008. No. 87. Ethiopian Selection No. 3.
 267598. No. 297. I.S. 3009. No. 89. Ethiopian Selection No. 2.
 267599. No. 298. I.S. 3010. No. 91. 'Mugra'.
 267600. No. 299. I.S. 3011. No. 92. Endosperm white.
 267601. No. 300. I.S. 3012. No. 93. Endosperm white.
 267602. No. 301. I.S. 3013. No. 94. Endosperm red.
 267603. No. 302. I.S. 3014. No. 95. 'Mugra'.
 267604. No. 303. I.S. 3015. No. 97.
 267605. No. 304. I.S. 3016. No. 98.
 267606. No. 305. I.S. 3017. No. 99.
 267607. No. 306. I.S. 3018. No. 102. Plants dwarf.
 267608. No. 307. I.S. 3019. No. 104. Plants dwarf; peduncle inter-
 node short.
 267609. No. 308. I.S. 3020. No. 10. Tall tillering.
 267610. No. 309. I.S. 3021. No. 108.
 267611. No. 310. I.S. 3022. No. 111. 'Farmfield Alemaya'.
 267612. No. 311. I.S. 3023. No. 112. 'Farmfield Alemaya'. Glumes
 black.
 267613. No. 312. I.S. 3024. No. 113. 'Farmfield Alemaya'.
 267614. No. 313. I.S. 3025. No. 116. 'Chabeady'.
 267615. No. 314. I.S. 3026. No. 118. 'Chabe Dima'.
 267616. No. 315. I.S. 3027. No. 119. 'Bsenga Ady'.
 267617. No. 316. I.S. 3028. No. 120. 'Bsenga Dima'.
 267618. No. 317. I.S. 3029. No. 122.
 267619. No. 318. I.S. 3030. No. 123. 'Chabe Ady'.
 267620. No. 319. I.S. 3031. No. 125. From Dunbi Dola.
 267621. No. 321. I.S. 3033. F.A.O. No. 176-2. Elevation 8,000 feet.
 Glumes black; seed coat white.

267230 to 267656—Continued**267334 to 267651—Continued**

267622. No. 322. I.S. 3034. No. 175-3. Elevation 8,000 feet. Grain white; panicle branches long; cluster, popping type.

267623. No. 323. I.S. 3035. 'K2 Sorghum Birdproof'.

267624. No. 325. I.S. 3037. 'Vorstev'.

267625. No. 326. I.S. 3038. A-14A.

267626. No. 327. I.S. 3039. A-14B.

267627. No. 328. I.S. 3040. B-10.

267628. No. 329. I.S. 3041. B-11.

267629. No. 330. I.S. 3042. C-selection 7.

267630. No. 331. I.S. 3043. D-14.

267631. No. 332. I.S. 3044. D-15.

267632. No. 333. I.S. 3045. D-16.

267633. No. 334. I.S. 3046. D-17.

267634. No. 335. I.S. 3047. Ethiopian Selection No. 2.

267635. No. 336. I.S. 3048. Ethiopian Selection No. 3.

267636. No. 337. I.S. 3049. Ethiopian Selection No. 4.

267637. No. 338. I.S. 3050. 'Darso Okla No. 1'.

267638. No. 339. I.S. 3051. 'Darso Okla No. 2'.

267639. No. 340. I.S. 3052. Prolific.

267640. No. 341. I.S. 3053. Prolific.

267641. No. 342. I.S. 3054. Prolific.

267642. No. 343. I.S. 3055. 'Zengada'.

267643. No. 344. I.S. 3056. 'Cullubi'. Dwarf selection.

267644. No. 345. I.S. 3057. Ag. S.M. College selection.

267645. No. 346. I.S. 3058. 'Har-9'.

267646. No. 347. I.S. 3059. 'Marol-3'.

267647. No. 348. I.S. 3060. 'Dongonjof'.

267648. No. 349. I.S. 3061. Very early.

267649. No. 350. I.S. 3062.

267650. No. 351. I.S. 3063.

267651. No. 352. I.S. 3064.

267652 to 267655. SORGHUM sp. Poaceae.

267652. No. 108. I.S. 2756. **267654.** No. 110. I.S. 2758.

267653. No. 109. I.S. 2757. **267655.** No. 113. I.S. 2761.

267656. SORGHUM (hybrid).

No. 135. I.S. 2783. *S. alnum* × tetraploid *S. vulgare*. From Uganda.

267657. CITRUS GRANDIS (L.) Osbeck. Rutaceae. Grapefruit.

From Cuba. Scions presented by J. M. Bosch. Tahiti. Received June 28, 1960. Numbered July 11, 1960.

267658 and 267659.

From the Netherlands. Plants presented by the Arboretum, Trompenburg, Rotterdam. Received July 11, 1960.

267658. IRIS LAEVI GATA Fisch. Iridaceae.

'Variegata'. Leaves white variegated.

267658 to 267659—Continued

267659. *QUERCUS CERRIS* L. Fagaceae.

'Argenteo-variegota'. Leaves white variegated.

267660 to 267664. CUCURBITA PEPO L. Cucurbitaceae.**Pumpkin.**

From the United States. Seeds held at the Regional Plant Introduction Station, Geneva, New York. Numbered July 11, 1960. Received from the University of Connecticut, February 1956.

267660. G5130 56-23. 'Green Long No. 1'. Midseason variety; vine of medium vigor; fruits 12 by 5 inches, tapering oblong, dark green netted, orange striped; flesh one inch thick; seeds dark green; embryo naked. Some fruits have dark-orange flesh.

267661. G5131 56-24. 'Green Long No. 2'. Midseason variety; vigorous vine; fruit 13 by 5 inches, oblong, with 10 faint ridges, deep orange netted; flesh one inch thick, orange; seeds dark green; embryo naked.

267662. 5132 56-25. 'Green Stripe'. Midseason variety; vine of medium vigor; fruits 12 by 5 inches, oblong, smooth, deep orange, green striped; flesh 0.75 inch thick, orange, seeds dark green; embryo naked.

267663. 5133 56-26. 'Yellow Oval'. Vigorous prolific vine; earliest fruit semi-globe 9 by 7 inches, smooth, deep orange, netted; flesh one inch thick, yellow or cream; seeds dark green; embryo naked.

267664. 5134 56-27. 'Yellow Long'. Midseason variety; vigorous vine; fruit oblong, 11.5 by 5 inches, smooth, deep orange netted; flesh 0.75 inch, yellow or orange; seeds dark green; embryo naked.

267665. HELIANTHUS ANNUUS L. Asteraceae.**Sunflower.**

From Uruguay. Seeds presented by the Instituto Fitotecnico y Semillero Nacional, la Estanzuela. Received Sept. 23, 1960.

267666 and 267667. HIBISCUS CANNABINUS L. Malvaceae.**Kenaf.**

From France. Seeds presented by the Institut de Recherches du Coton des Textiles Exotiques, Paris. Received Sept. 23, 1960.

Varieties less susceptible than normal to photoperiodic response. May do well in equatorial areas.

267666. 'Soudan Precoce'. Early maturing.

267667. 'Soudan Tardif'. Late maturing.

267668. SALVIA DOMBEI Epling Menthaceae.

From Peru. Rooted cuttings presented by Cesar Vargas Cuzco. Received Sept. 26, 1960. Province Llvubamba, Department Cuzco. Elevation 3,140 feet.

267669 to 267672. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Ethiopia. Seeds presented by the Bishoftu Experiment Station, Imperial Ethiopian College of Agricultural and Mechanical Arts, Addis Ababa. Received July 11, 1960.

267669. 'Gonde'.

267671. 'Kenya 5'.

267670. 'Kenya 1'.

267672. 'Koticha Sinde'.

267673 to 267681. HIBISCUS sp. Malvaceae.

From the Belgian Congo. Seeds presented by the Institut National pour l'Etude Agronomique du Congo Belge, Gandajika. Received July 13, 1960.

267673 to 267681—Continued

267673. No. 2.	267678. No. 7.
267674. No. 3.	267679. No. 8.
267675. No. 4.	267680. No. 9.
267676. No. 5.	267681. No. 10.
267677. No. 6.	

267682. ASIMINA TRILOBA (L.) Dunal Annonaceae. Pawpaw.

From the United States. Seeds from a tree at the Madeira Girl's School, Greenway, Virginia. Received Sept. 21, 1957. Numbered July 13, 1960.

267683 to 267696.

From Nigeria. Seeds presented by the Regional Research Station Samaru, Zaria. Received July 13, 1960.

267683 to 267686. SORGHUM CAUDATUM (Hack), Stapf Poaceae.

267683 KA. 24. 'Kaura'. **267685.** ZA. 81. 'Kaura'.

267684. KO. 59. 'Kaura'. **267686.** ZA. 110. 'Kaura'.

267687 and 267688. SORGHUM GUINEENSE Stapf

267687. BA. 14. 'Farafara'.

267688. KA. 27. 'Farafara'.

267689 to 267696. SORGHUM BICOLOR (L.) Moench.

267689. AD. 15. 'Kure Kure'. **267693.** KO. 5. 'Gamjin'.

267690. AD. 41. 'Mbayeri'. **267694.** KO. 61. 'Baragwan Doki'.

267691. AD. 42. 'Umpu'. **267695.** NG. 90. 'Kuji Gansha'.

267692. BO. 22. 'Lekkite Dawi'. **267696.** SO. 82. 'Bakin Makeri'.

267697. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From the Netherlands. Plants presented by the Landbouwhogeschool, Laboratorium voor Plantensystematiek en Geografie, Wageningen. Received July 14, 1960.

Collected along secondary road near Vaals, Linburg Province.

267698 to 267700.

From Iran. Roots and cuttings collected by J. R. Harlan, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received July 14, 1960.

267698. IRIS sp. Iridaceae.

Col. No. 151. Moist area 300 km. east of Gorgon, road to Boznurd. Plant in wild, knee height, growing in clump; flowers blue.

267699. IRIS sp.

Col. No. 117. Eight km. north of Karaj pass. Elevation 1,825 meters. Plants robust, flowers yellow with greenish markings.

267700. PRUNUS sp. Amygdalaceae.

Col. No. 154. Twenty-five km. southwest of Meshed, road to Zorsht. Fruit large, dark red.

267701 to 267704. ECBALLIUM ELATERIUM (L.) A. Rich. Cucurbitaceae. Squirting-cucumber.

From Italy. Seeds presented by the Italian Federation of Farmers' Cooperatives, Washington, D.C. Received July 14, 1960.

267701. No. 1. From Instituto Botanica dell Universita Catania, Catania, Sicily.

267701 to 267704—Continued

267702. No. 2. From Estacao Agronomica Nacional, Sacavem, Portugal.

267703. No. 3. From Giardino Botanico e Coloniale di Palermo, Palermo, Sicily.

267704. No. 4. From Naples (Cocomero asinino).

267705. DOLICHOS BIFLORUS L. Fabaceae. Twinflower dolichos.

From India. Seeds purchased from the Bally Seed Stores, West Bengal. Received July 18, 1960.

267706. MENTHA sp. Menthaceae.

From Union of South Africa. Seeds presented by J. L. Parkhouse, Wonderhoogte Farm, Utrecht, Natal. Received July 18, 1960.

'Zulu mint'. A sweet-scented highly aromatic mint used by the natives as perfume.

267707. HIBISCUS MUTABALIS L. Malvaceae. Cotton rosemallow.

From China. Seeds presented by the Fiber Crops Experiment Station, Agricultural Research Institute, Taiwan. Received July 18, 1960.

267708 to 267710.

From Hong Kong. Seeds presented by the Gardens Division, Urban Services Department, Victoria. Received July 18, 1960.

267708. PREMNA INTEGRIFOLIA Linn. Verbenaceae.

'Obtusifolia'.

267709. VITEX NEGUNDO L. Verbenaceae.

266710. VITEX PARVIFLORA Juss.

Chaste-tree.

267711. PRUNUS (hybrid). Amygdalaceae.

From Argentina. Budsticks presented by Los Alamos de Rosauer, Sociedad Anonima, Cipotelli Nequen. Received July 19, 1960.

267712 and 267713. CITRUS SINENSIS (L.) Osbeck Rutaceae.

Orange.

From Morocco. Seeds presented by the Institut Francais de Recherches Fruitieres, Rabat. Received July 19, 1960.

267712. 'Florida'. Seedy. Ref. E 54, Marrakech.

267713. 'Petite Jaffa'. Ref. E 51, Marrakech.

267714 to 267718.

From Nigeria. Seeds presented by the Regional Research Station, Samaru. Zaria. Received July 19, 1960.

267714 and 267715. SORGHUM CAUDATUM (Hack.) Stapf Poaceae.

267714. BA. 22. 'Dawa Kaura'.

267715. BO. 6. 'Kaura'.

267716 and 267718. SORGHUM BICOLOR (L.) Moench.

267716. BO. 2. 'Jarma'.

267717. BO. 10. 'Jarma'.

267718. ZA. 73. 'Zauna Inuwa'.

267719 and 267720.

From Peru. Seeds presented by Glenn Viehmeyer, North Platte, Nebraska. Seeds collected at 12,000 feet elevation, Cuzco. Received July 19, 1960.

267719 and 267720—Continued

- 267719.** *HORDEUM VULGARE* L. Poaceae. **Barley.**
Naked barley.
- 267720.** *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**
Hard and soft wheat.

267721 to 267767.

From the United States. Plants growing at the Regional Plant Introduction Station, Geneva, New York. Sources of seeds, and dates received, as shown. Numbered July 20, 1960.

- 267721 and 267722.** *BRASSICA OLERACEA* var. *BOTRYTIS* L. Brassicaceae. **Cauliflower.**
- 267721.** G2566. 'Dias'. Collected in Brazil, June 1957. Plants erect, vigorous, branched; leaves dark green, among buds; buds larger than U.S. varieties; flowers yellow; heads green, 4 by 3 inches. Resistant to black rot caused by *Xanthomonas campestris*.
- 267722.** 'Nan.' From Milano, Italy, May 1956. Plants erect, vigorous, to 22 inches high and 30 inches wide; heads tan, to 5 by 8 inches. Free from mosaic and downy mildew.
- 267723 to 267725.** *BRASSICA OLERACEA* var. *BOTRYTIS* L. **Cauliflower.**
- 267723.** G2567. 'Early Banaras'. Plants erect, poor vigor, heads October 8, tan, 3 by 3 inches. Free from downy mildew and cabbage worm injury.
- 267724.** G2568. 'Campinas'. Plants erect, vigorous, large, leafy; curds Aug. 20, 5 by 8 inches, tan. Free from downy mildew and worm injury. Susceptible to aphids.
- 267725.** G2569. 'Piracicaba No. 1'. ('Burpeana' × local variety) F₂. Plants erect, medium vigor, early maturing; curds produced 50-60 days after field setting. Heat resistant and early. From India.
- 267726.** *BRASSICA RAPA* L. **Turnip.**
- G2221. From Kyoto, Japan, April 1957. 'Scarlet Ball'. Plants vigorous, not uniform; leaves rough with dentate margin; roots 2 by 1.5 inches, red, globose. Susceptible to downy mildew; possible resistant to root maggot.
- 267727 to 267740.** *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
- 267727.** G2101. 'Secord Red Chili'. From Guaca, Guatemala, March 1957. Plants erect, vigorous, branched, midseason variety; flowers purple; fruit red, tapering to a pinched point, 2 by 3 inches.
- 267728.** G2102. 'Guaca Chili Red'. From Indian village near Guaca, Guatemala, March 1957. Plants almost prostrate, medium vigor, branched, early maturing; leaves small; flowers white; fruit red, elongate, curved, 3 by 3.75 inches, pungent and prolific.
- 267729.** G2103. 'Hot Tree Pepper'. From Guatemala, March 1957. Plants medium erect, vigorously, branched, late maturing; leaves small; fruit red, elongate, curved, tapering, 3 by 1 inches, glossy, pungent.
- 266730.** G5376. 'Black Cuban Cluster'. From Cuba, June 1956. Plants vigorous, to 46 inches high, late maturing; leaves mottled green and black; fruit scarlet to black, to 10 per cluster, blunt taper; 0.33 by 0.33 inch, pungent.
- 267731.** G5377. 'Cuban Chili'. From Cuba, June 1956. Plants vigorous, purplish green, to 38 inches high; leaves small, pointed, ovate, purplish tinged; fruit violet red, small, upright, conical, pungent.

267721 to 267767—Continued

267727 to 267740—Continued

267732. G6716. 'Puerto Rico Wonder'. From the Agricultural Experiment Station, Rio Piedras, November 1957. Plants medium erect, medium vigor, early maturing; leaves medium size; flowers white; fruit red, bell shaped, sweet.
267733. G7030. 'Large Black Sweet'. From Sonora, Mexico, February 1958. Plants medium erect, vigorous, late maturing; leaves medium size; flowers white; fruit dark green, tapering, 4 by 1 inches.
267734. G7031. 'Long Red Hot'. From Sonora, Mexico, February 1958. Plants prostrate, vigorous, late maturing; leaves small; flowers white; fruit red, erect, elongate, 4 by 0.5 inches, pungent, good quality.
267735. G7032. 'Black Mexican'. From Sonora, Mexico, February 1958. Plants vigorous, to 24 inches high, late maturing; flowers large greenish white; fruit dark green, turning black, tapering; 1.5 by 6.5 inches. Plants break easily under own weight. Grown for flowers; odor of dried prunes.
267736. G8319. 'Chili Graeca Mammoth Sweet'. From Guatemala City, December 1958. Plants erect, vigorous, midseason variety; leaves medium size; flowers white; fruit red, tapering, sweet and mild, 4 by 2 inches.
267737. G8320. 'Large Yellow Sweet'. From Guatemala City, December 1958. Plants medium erect, medium vigor, early maturing; leaves small, dark; flowers white; fruit orange yellow, bell shaped, sweet, three lobed, 3 by 2 inches.
267738. G8321. 'Large Red Sweet'. From Guatemala City, December 1958. Plants erect, vigorous, branched, midseason variety; leaves small; flowers white; fruit red, conical with mild, sweet taste, 3.5 by 1.75 inches.
267739. G8325. 'Agrunaldo de Asti'. From Guatemala City, December 1958. Plant to 18 inches high and 28 inches wide, to fifteen branches per plant; leaves small, green, pointed; flowers white; fruit purple to orange, tapering, to 30 fruits per plant, 2 by 0.5 inches.
267740. G5375. 'Violet Pepper'. From Pensacola, Florida, June 1956. Plants very tall with few branches, violet to deep purple, including leaves and stems; leaves blunt oval; flowers purple, erect, conical; fruits purple to yellowish red, 1.5 by 0.8 inches.

267741 to 267747. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**

267741. G2215. 'Nagaoka Longfellow'. From Kyoto, Japan, April 1957. Plants vigorous, early maturing, very prolific; fruit yellowish green, stippled, elongate, smooth, curved, 16 by 15 inches; spines white.
267742. G2557. '57C-270 Hong Kong N.T.' From Hong Kong, June 1957. Plants medium vigor, early maturing; fruit pale green, elongate, smooth, almost straight, 13 by 3.3 inches; spines white. Free from mosaic in a severe epidemic.
267743. G2558. '57C-271 Chinese Cucumber'. From Hong Kong, June 1957. Plants vigorous, early maturing; poor fruit set; fruit pale green or orange, smooth, 9.5 by 2.5 inches; spines black. Very slight mosaic in a severe epidemic.
267744. G2564. 'Cornell Chinese Long'. An inbred line from Cornell University. Plants vigorous, midseason variety; fruit pale green to orange, elongate, smooth 10.5 by 1.5 inches; spines white. Free from mosaic in severe epidemic.

267721 to 267767—Continued

267741 to 267747—Continued

267745. G2565. 'Pepino-Verde Paulistano'. From Instituto Agronomico, Campinas, Sao Paulo, Brazil, June 1957. Plants vigorous, mid-season variety, medium fruit set; fruit dark green, white bands of stippling on sides, oblong, smooth, 10 by 2.5 inches. Free from mosaic in a severe epidemic.

267746. G6720B. From India. A pistillate line selected from P.I. 164816, November 1957. Plants medium vigor, early maturing; fruit orange, oval smooth, 5.3 by 2 inches; spines black.

267747. G8750. 'Alko Bush Cuc'. From Oklahoma. Plants poor vigor, midseason variety, determinate; fruit yellow, smooth, tapering, oblong, 7.5 by 2.3 inches; spines white. Pistillate line with many flowers.

267748. CUCURBITA FICIFOLIA Bouche Cucurbitaceae. **Alcallota.**

G6098. 'Pipian'. From El Salvador, December 1956. Plants medium vigor; leaf 8 by 9 inches; fruit long, oval, pear shaped, white striped, solid; flesh dry, sweet; seed cavity small.

267749 and 267750. CUCURBITA MAXIMA Duchesne **Squash.**

267749. G2217. 'Turks Cap Pumpkin'. From Cornwall, England, April 1957. Plants medium vigor, early maturing; fruit reddish orange, rough, 6 by 9 inches, convex swelling at blossom end.

267750. G8752. 'Candy Roaster'. From Geary, Oklahoma, March 1959. Grown for over 100 years in North Carolina mountains. Plants vigorous, early maturing; leaf large; fruit slate gray, oblong, smooth, 20 by 9 inches. Susceptible to powdery mildew.

267751 to 267754. CUCURBITA MOSCHATA Duschesne **Cushaw.**

267751. G2218. 'Chiba White'. From Kyoto, Japan, April 1957. Plants vigorous, late maturing; leaf large, 11 by 12 inches, 7-pointed; fruit flat, warty, with waxy bloom, 6 by 9 inches.

267752. G8753. 'Miniature F₅ Cushaw'. From Oklahoma, March 1959. Plants medium vigor, midseason variety leaf small; fruit 14 inches long with 6-inch bulb and 4-inch neck; light green, long, slender, smooth, curved neck; flesh orange; seed brown.

267753. G8754. 'North Carolina Pumpkin'. From Oklahoma, March 1959. Plants vigorous, midseason variety; fruit 22 inches long with 10-inch bulk and 8-inch neck, 10-20 grooves, tan netted, green, waxy; flesh 3 inches thick, orange. Three large fruits per plant, often weighing over 100 pounds.

267754. G8785. 'Giant Spanish'. From Geneva, New York; from Italy, March 1959. Plants vigorous, midseason variety; fruit 30 inches long with 17-inch bulb, and 11-inch stem end; 10 long, deep grooves, 10 slight grooves between; seeds silvery gray, rough tan margin. Largest fruits recorded at Geneva.

267755 to 267759. CUCURBITA PEPO L. **Pumpkin.**

267755. G2216. 'Vegetable Marrow', table variety. From Cornwall, England, April 1957. Plants runners, vigorous, early maturing; fruit dark green, striped orange, smooth, oblong, 11 by 5 inches, four per plant. Susceptible to mosaic and powdery mildew.

267756. G3080B. 'Dolma'. From Turkey, September 1955. Plants vigorous, midseason variety, much branched; vines to 20 feet long; fruit deep tan, bowling pin or pear shaped; rind hard; good keeper, excellent quality.

267757. G5374. 'Buff Pie'. From Iowa, June 1958. Plants vigorous, early maturing; fruit deep orange, 7 by 8.5 inches, globe, 20 faint grooves, 10 per plant. Prized for pie filling.

267721 to 267767—Continued

267755 to 267759—Continued

267758. G8908. 'Saki Kabagi'. From Istanbul, Turkey, April 1959. Plants vigorous, early maturing; half-runner; leaves 15-pointed; fruit cream colored, 12-ridged, 14 by 4 inches; flesh deep. Some resistance to powdery mildew.

267759. G8909. 'Murdurlugu'. From Istanbul, Turkey, April 1959. Plants vigorous, bush type, early maturing; fruit cream orange, oblong, 10-ridged, 18 by 4 inches; flesh deep; seed cavity small. Susceptible to powdery mildew.

267760. BENINCASA HISPIDA (Thunb.) Cogn. Cucurbitaceae. Waxgourd.

G2559. 'Chinese Winter', or 'Hairy Squash'. From China, June 1957. Plant medium vigor, runner, early maturing; leaves 6 by 7 inches, 7-pointed; fruit white globe, 12 by 11 inches. Very susceptible to squash bug.

267761. JUGLANS REGIA L. Juglandaceae. Persian walnut.

G8743. From a tree near Buffalo, New York, March 1959. Tree erect, vigorous, much branched, very hardy; survived winters with temperature to -25° F. without serious injury.

267762. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

'Bean of Tomorrow'. G5350. From Fulton, New York, November 1959. Plants medium vigor, early bush variety, marrow type F₂ hybrid; flowers white; pod 6 by 0.4 inches straight, green, round, easily shattered; seed white, black ring around hilum, kidney shaped.

267763. PHASEOLUS (hybrid). Fabaceae. Bean.

G7446. 'Beka' \times 'Aztec F₄'. From Durham, New York. Plants vigorous, bush type; flowers white to purple; pods 6 by 0.4 inches yellow green, easily shattered.

267764. RIBES RUSTICUM Jancz. Grossulariaceae.

G5617. 'Red Jacket' open pollinated. From Storrs, Connecticut, August 1956. Plants erect, vigorous, to 13 inches high and 24 inches wide, leafy. Tolerant of or resistant to anthracnose caused by *Pseudopeziza ribes*. Standard varieties completely defoliated; 75 percent produce green fruit; 25 percent produce red fruit.

267765 and 267766. SOLANUM MELONGENA L. Solanaceae. Eggplant.

267765. G7487. 'Ottawa 55G-184-1'. From the Central Experimental Farm, Ottawa, Canada, May 1958. Plants medium vigor, early maturing; leaves small; flowers purple; fruit purple, egg shaped, 7.75 by 7.25 inches.

267766. G7488. 'Ottawa 55G-149-1'. From the Central Experimental Farm, Ottawa, Canada, May 1958. Plants medium vigor, early maturing; leaves small; flowers purple; fruit purple, egg shaped, 7.75 by 7.25 inches.

267767. SOLANUM (hybrid). Solanaceae.

G8817. Interspecies cross. From New Jersey Agricultural Experiment Station, March 1959. Plants erect, medium vigor; late maturing; stems green; leaves small; flowers pale purple; fruit deep purple, egg shaped, 5.25 by 4 inches.

267768. ULMUS sp. Ulmaceae.

From Afghanistan. Budsticks collected by J. R. Harlan, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received July 21, 1960.

Round-topped elm from Ambassador's residence. Kabul. A magnificent tree, the best in Kabul.

267769. ECBALLIUM ELATERIUM (L.) A. Rich. Cucurbitaceae.
Squirting-cucumber.

From Portugal. Seeds presented by the University of Lisbon, Lisbon. Received July 22, 1960.

267770. ECBALLIUM ELATERIUM (L.) A. Rich. Cucurbitaceae.
Squirting-cucumber.

From Italy. Seeds presented by the Italian Federation of Farmers' Cooperatives, Washington, D.C. Received July 22, 1960.

From the Botanical Garden, University of Pisa. Reportedly from a line that has been observed for many years.

267771 to 267774. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

From Surinam. Seeds presented by the Experiment Station, Paramaribo. Received July 22, 1960.

Sixth generation, X-rayed 'Matjan' varieties, having a 95-105 day growing period. Pods, 2-seeded, better filled than 'Schwarz 21', one of its parents. Reportedly resistant to bacterial slime disease in India, but not resistant nor very susceptible to *Cercospora* in Surinam.

267771. 'Matjan'. Certified seed. **267773.** 'Matjan 2500 R/13'.

267772. 'Matjan 1000 R/18'. **267774.** 'Matjan 5000 R/45'.

267775 and 267776.

From Afghanistan. Stolons collected by J. R. Harlan, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received July 23, 1960.

267775. CYNODON DACTYLON (L.) Pers. Poaceae. Bermudagrass.

Col. No. 318. In front of the ICA guest house, Kandahar. July 16, 1960. A very vigorous bermudagrass.

267776. CYNODON sp. Poaceae.

Col. No. 319. In front of the ICA guest house, Kandahar. July 16, 1960. A very coarse, vigorous, bluish, bermudagrass, without apparent rhizomes.

267777. HIBISCUS CANNABINUS L. Malvaceae. Kenaf.

From the Sudan. Seeds presented by the United States Operations Mission, Khartoum. Received July 25, 1960.

267778. HIBISCUS SABDARIFFA L. Malvaceae. Roselle.

From the Sudan. Seeds presented by the Sudan Ministry of Agriculture, Mechanized Pilot Scheme, El Obeid, Kordofan Province. Received July 25, 1960.

'Thai Red'. Plants to five feet high in infertile sandy soil under poor rainfall conditions.

267779. SCHIZOSTYLIS COCCINEA Backh. & Harv. Iridaceae.

From the Union of South Africa. Corms purchased from the Bloem Erf Nurseries, Stellenbosch. Received July 26, 1960.

267780 and 267781. SACCHARUM (hybrids). Poaceae.

Sugarcane.

From Argentina. Cuttings presented by the Division of Plant Exploration and Introduction, Buenos Aires. Received July 27, 1960.

267780. 'Estacion Palmira Colombia 33578'.

267781. 'Tucumana 2683'.

267782. CITROPSIS LATIALATA (Wildem.) Swingle & Kellerman
Rutaceae.

From the Belgian Congo. Seeds and fruits presented by the Jardin d'Essai d'Eala, Eala. Received July 27, 1960.

267783. SACCHARUM (hybrid). Poaceae. Sugarcane.

From Australia. Cuttings presented by the Northern Sugar Experiment Station, Gordonvale. Received July 28, 1960.

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267784. GLADIOLUS sp. Iridaceae.

From Ethiopia. Corms presented by the Imperial College of Agriculture, Addis Ababa. Received August 1, 1960.

Wild.

267785. ALLIUM sp. Liliaceae.

From India. Bulbs presented by the Balwant Rajput College, District Agra, United Provinces. Received August 2, 1960.

267786 to 267790. SACCHARUM (hybrids). Poaceae. Sugarcane.

From Mexico. Cuttings presented by the Instituto Para el Mejoramiento de la Produccion de Azucar, Balderas. Received August 2, 1960.

267786. 'Criolla Rayada'. **267789.** 'Mexico 52-29'.

267787. 'Mexico 52-17'. **267790.** 'Mexico 54-245'.

267788. 'Mexico 52-27'.

267791 and 267792. ACTINIDIA CHINENSIS Planch. Dilleniaceae.
Yang tao.

From New Zealand. Plants presented by R. E. Harrison and Company, Limited, Palmerston North. Received August 3, 1960.

267791. Male.

267792. Female.

267793. TRIFOLIUM REPENS L. Fabaceae.

From Australia. Seeds presented by the Department of Conservation, Sydney. Received August 8, 1960.

267794 and 267795. ALOPECURUS PRATENSIS L. Poaceae.
Meadow foxtail.

From Hungary. Seeds presented by the Hortus Botanicus Universitate, Szeged. Received August 8, 1960.

Collected from the wild.

267794. No. 1. From Kubekhaze.

267795. No. 2. From Szeged.

267796 and 267797.

From Iran. Bulblets presented by the Pan-American International Oil Company, Teheran. Received August 8, 1960.

267796. ALLIUM sp. Liliaceae.

Sandy shore, Caspian Sea, east of Nowshahr. June 1960.

267797. ALLIUM sp.

Mountains north of Teheran. Elevation 1,800 meters. May 1960.

267798. IRIS sp. Iridaceae.

From Pakistan. Bulbs collected by J. R. Harlan, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received Aug. 9, 1960.

Col. No. 383. Wet meadow in canyon, 23 km. west of Barmian. July 23, 1960. Flowers probably pale blue; rhizomes from three different clumps.

267799 to 267814. RICINUS COMMUNIS L. Euphorbiaceae.**Castorbean.**

From Brazil. Seeds presented by the Instituto Agronomico do Estado de Sao Paulo, Campinas. Received Aug. 9, 1960.

267799. 'Espirito Santo No. 4.'. I-24138. From the State of Espirito Santo. Plants medium high; stems green; fruits dehiscent; seeds small. Resistant to insect pests.

267800. 'Espirito Santo No. 5.'. I-24139. From the State of Espirito Santo. Plants medium high; stems purple; fruits dehiscent; seeds small. Resistant to insect pests.

267801. Var. 382. G K No. 1. I-17624. From France. Plants medium high, productive; fruits indehiscent. Resistant to insect pests.

267802. Var. 455. Hybrid IAC-38 \times Var. 406. I-25179. From the State of Sao Paulo. Plants dwarf; fruits semidehiscent. Resistant to insect pests.

267803. I X-38. Plants dwarf. The main variety in the State of Sao Paulo.

267804. 'Ibira'. Var. 451. I-25175. From the State of Sao Paulo.

267805. 'Joanopolis'. Var. 454. I-25178. From the State of Sao Paulo. Plants tall, fruit clusters large; seeds white, speckled brown, large.

267806. 'Preta' Var. 453. I-25177. From the State of Sao Paulo. Seeds black, large.

267807. 'Serrana'. Var. 448. I-23502. From the State of Rio Grande do Norte. Seeds brown, not mottled, large.

267808. 'Sete Canadas Rajadas'. Var. 452. I-25176. From the State of Pernambuco.

267809. 'Vermelha'. Var. 460. I-25184. From the State of Sao Paulo. Plants medium high, productive; stems, leaves and fruits red; seeds small. Resistant to insect pests. Also an ornamental.

267810. 'Viradouro'. Var. 450. I-25174. From the State of Sao Paulo.

267811. Var. 456. I-25180. From the State of Sao Paulo. Plants tall; stems purple; fruits indehiscent, in large clusters; seeds reddish brown, large.

267812. Var. 457. I-25181. From the State of Sao Paulo. Plants tall; stems red; fruits indehiscent.

267813. Var. 458. I-25182. From the State of Sao Paulo. Plants tall; stems purple; fruits dehiscent; seeds small.

267814. Var. 459. I-25183. From the State of Sao Paulo. Plants medium high, stems green; fruit clusters many; seeds small.

267815 to 267821.

From New Zealand. Seeds presented by the Department of Scientific and Industrial Research, Christchurch. Received Aug. 10, 1960.

267815. HYMENANTHERA DENTATA var. ALPINA Kirk. Violaceae.

267816. HYMENANTHERA DENTATA var. ANGUSTIFOLIA (R.Br.) Benth.

267815 to 267821—Continued

267817. *OLEARIA COLENSOI* Hook. f. Asteraceae.267818. *OLEARIA ILICIFOLIA* Hook. f.267819. *PITOSPORUM CRASSIFOLIUM* Soland. ex Putterl. Pittosporaceae.

Karo.

267820. *PITOSPORUM TENUIFOLIUM* Gaertn.

Tawhiwhi.

267821. *RANUNCULUS LYALII* Hook. f. Ranunculaceae.267822. *MALUS SYLVESTRIS* Mill. Malaceae.

Apple.

From Israel. Budsticks presented by the Department of Pomology and Viticulture, Agricultural Research Station, Rehovot. Received Aug. 12, 1960.

‘Vered’.

267823. *PINUS PUMILA* (Pallas) Regel Pinaceae.

From Japan. Plants growing at the Plant Introduction Station, Glenn Dale, Md. Seeds collected on Mt. Iwo Kuwayu Spa, Japan. Numbered Aug. 15, 1960.

B-51799. Five-needle pine; branches prostrate.

267824 and 267825. *ILEX* (hybrids). Aquifoliaceae. Holly.

From the United States. Plants growing at the National Arboretum, Washington, D.C. Numbered August 15, 1960.

267824. ‘Lydia Morris’ (B-52393). (*I. cornuta* ‘Burfordi’ × *I. pernyi*). Pistillate hybrid; plants narrowly pyramidal to about six feet high; leaves lustrous, intermediate; berries large, red on short pedicels.

267825. ‘John T. Morris’ (B-52394). (*I. cornuta* ‘Burfordi’ × *I. pernyi*). Staminate hybrid with leaves and growth habit similar to ‘Lydia Morris’, a sister seedling.

267826 to 267841.

From Great Britain. Plants presented by the Royal Botanic Garden, Kew, Richmond, Surrey, England. Numbered August 15, 1960.

267826 to 267831. *ILEX AQUIFOLIUM* L. Aquifoliaceae. English holly.

267826. ‘Aurea Medio-Picta’.

267829. ‘Lichtenthalii’.

267827. ‘Latispina’.

267830. ‘Purpureus’.

267828. ‘Laurifolia’. Staminate.

267831. ‘Watereriana Compacta’.

267832. *ILEX WILSONII* Loes.267833 to 267835. *ILEX* × *ALTAACLARENSIS* Dallim.

267833. No data.

267834. ‘Hendersonii’.

267835. ‘Nobilis’.

267836. *ILEX* sp.267837. *ILEX* sp.267838. *ILEX* sp.267839. *ILEX* sp.267840. *ILEX* sp.

Species No. 324.

267841. *ILEX* sp.

Species No. 387 (Wilson No. 1822).

267842 to 267859.

From the United States. Plants collected from natural stands and now established at the University of Maine Agricultural Experiment Station, Orono, Maine. Numbered August 16, 1960.

Collected in Maine unless otherwise noted. Grade scale; 10 best, 1 poorest.

267842 to 267857. *VACCINIUM CORYMBOSUM* L. Vacciniaceae.

Highbush blueberry.

267842. No. 4. One hundred feet west of old sawdust pile, Frank Pierce farm, East Lebanon, Aug. 1959. Bush 6 feet high; berry color 9, flavor 6, scar 8, more than 150 per cup; 30 percent of crop carried high. No witches'-broom present.

267843. No. 5. In slash area back of house, Frank Pierce farm. August 1959. Bush to 8 feet high, shows some winter injury, making vigorous new growth; berries larger than average; good crop borne high; berry color 6, flavor 7; scar 7; 25 percent of crop ripe. No witches'-broom present.

267844. No. 6. In slash area, Frank Pierce farm, August 1959. Bush to 9 feet high; shows some winter injury; good crop of berries borne high; clusters loose; berry color 7, flavor 5, scar 7. No witches'-broom present.

267845. No. 7. In slash area, Frank Pierce farm. August 1959. Spreading bush to 6 feet high; berries good size, more than 100 per cup, color 7, flavor 7, scar 7; 50 percent of crop ripe. No witches'-broom present.

267846. No. 8. Roadside, near boggy pasture, two miles from East Lebanon, Milton Mills Road, Aug. 12, 1959. Bush upright, well branched, 6 feet high, poor terminal growth, hardier than nearby plants, trace of winter injury, only plant present bearing fruit; berries small, 200 per cup, skin tough, color 7, flavor 5, scar 6, firmness 7.

267847. No. 9. Three hundred yards southwest of fire tower, Mt. Pisgah, Monmouth. August 1959. Bush to 3 feet high, showed no winter injury and had made good new growth; berries small, borne in loose cluster, 200 per cup, color 6, flavor 4, scar 5; 25 percent of crop ripe.

267848. No. 10. Two hundred yards south of fire tower, east side of trail, Mount Pisgah, Monmouth. August 1959. Bush to 6 feet high, shows no winter injury, excellent new growth; foliage free from leaf spot; berries small, more than 200 per cup, color 6, flavor 5, scar 6.

267849. No. 11. One hundred yards south of fire tower among birch and pine trees, Mount Pisgah, Monmouth. August 1959. Bush 3.5 feet high, no winter injury; berries small, more than 200 per cup, color 7, flavor sweet, scar 8; 25 percent of crop ripe, unevenly distributed.

267850. No. 12. One hundred-fifty yards south of fire tower, edge of draw, Mount Pisgah. August 1959. Bush 7 feet high, no winter injury; well branched, vigorous new growth; foliage clean; berries small, 200 per cup, color 6, flavor 6, scar 6. Matures early.

267851. No. 13. One hundred yards from end of road, Yoder farm, Montville. August 1959. Bush spreading, 6 feet high; foliage excellent, slight winter injury at tips; berries small, more than 200 per cup, color 6, flavor 5, scar 8; clusters loose, borne high, full crop on some branches; mid-season ripening. Some small, old, witches'-broom present.

267852. No. 16. Northern exposure, first cove beyond cabin, eastside of Eagle Lake, Civilian Conservation Corp road, Hancock County. August 1959. Bush vigorous, to 7 feet high, extensive winter injury; berries small, over 200 per cup, color 2, flavor 5, scar 2; borne in loose clusters, unevenly ripening, some branches 100 percent ripe; separation poor. No witches'-broom present.

267842 to 267859—Continued**267842 to 267857—Continued**

- 267853.** No. 17. Sheltered area, second cove, east side of Eagle Lake, C.C.C. road, Hancock County. August 1959. Bush spreading to 7 feet high, many trunks, some winter injury; berries small, 200 per cup, color 7, flavor 6, scar 9; berries growing high, sparse but well distributed, 50 percent of crop being mature. No witches'-broom present.
- 267854.** No. 18. Near third cove, deep in woods, east side of Eagle Lake, C.C.C. road, Hancock County. August 1959. Bush 7 feet high, young, crowded; branches sparse, some winter injury; berries small, more than 200 per cup, color 6, flavor 7, scar 7; 50 percent of crop ripe and on upper branches. No witches'-broom present.
- 267855.** No. 24. Southeast corner cove, inner edge of bog, Eagle Lake C.C.C. road, Hancock County. August 1959. Bush old, 7 feet high, good old- and new-growth vigor, very little winter injury; no fruit crop. Not infected with witches'-broom while growing in severely infected area.
- 26756.** No. 25. Thirty feet from shore, south end of sheltered sphagnum bog, Upper Cranberry Lake, Washington County. August 1959. Bush 4 feet high and 5 feet wide, much winter injury; berry color 7, flavor 6, scar 10; late ripening. No witches'-broom.
- 267857.** No. 30. Open space surrounded by pine, spruce and birch trees, in a fern floor cover, 100 yards from the forestry camp, Fifth Lake, Machias River. August 1959. Bush old, 7 feet high, 10 feet wide, many trunks, 1 to 1.5 inches in diameter; leaf spot and some winter injury present; best fruiting plant in area; berries ripening unevenly; 25 percent in top. No witches'-broom noted on bush although widespread.

267858. VACCINIUM MYRTILLOIDES Michx.

No. 2. Semi-sheltered spot on ledge carpet near Black Cap, west slope of Hurricane Mountain, Chatham, New Hampshire. August 1959. Bush especially vigorous, considered quarter-high; berries few.

267859. VACCINIUM (hybrid).**Blueberry.***(V. corymbosum × V. lamarckii)*

No. 1, Grassy crevice, ledge of exposed slope, Hurricane Mountain, Chatham, New Hampshire. August 1959. Plants to 30 inches high; berries few, small.

267860 and 267861. PISUM SATIVUM L. Fabaceae.

From the Netherlands. Seeds presented by the Institute of Horticultural Plant Breeding, Wageningen. Received August 17, 1960.

267860. 60321. 'Rondo C.B.'. Seeds smooth.**267861.** 60322. 'Rondo. C.B. 51-129'. Seeds wrinkled.**267862. CUCUMIS MELO var. RETICULATUS Naud. Cucurbitaceae. Netted melon.**

From the United States. Seeds held at the Regional Plant Introduction Station, Geneva, New York. Numbered August 17, 1960.

'Bucharici' (Pang) Fil K 1219.

From the Department of Agriculture, Moscow, U.S.S.R.

267863. PYRUS (hybrid). Malaceae.

From Poland. Budsticks presented by the Research Institute of Pomology, Skierniewice. Received August 18, 1960.

'Pingo-Li'.

267864 to 267925. SACCHARUM (hybrids). Poaceae. Sugarcane.

From Puerto Rico. Cuttings presented by the Agricultural Experiment Station, Rio Piedras. Numbered August 19, 1960.

267864. No. P.R. 1007.	267895. No. P.R. 1067.
267865. No. P.R. 1016.	267896. No. P.R. 1068.
267866. No. P.R. 1020.	267897. No. P.R. 1069.
267867. No. P.R. 1036.	267898. No. P.R. 1070.
267868. No. P.R. 1037.	267899. No. P.R. 1071.
267869. No. P.R. 1039.	267900. No. P.R. 1072.
267870. No. P.R. 1040.	267901. No. P.R. 1073.
267871. No. P.R. 1041.	267902. No. P.R. 1074.
267872. No. P.R. 1042.	267903. No. P.R. 1076.
267873. No. P.R. 1043.	267904. No. P.R. 1077.
267874. No. P.R. 1044.	267905. No. P.R. 1078.
267875. No. P.R. 1045.	267906. No. P.R. 1079.
267876. No. P.R. 1046.	267907. No. P.R. 1080.
267877. No. P.R. 1047.	267908. No. P.R. 1081.
267878. No. P.R. 1049.	267909. No. P.R. 1082.
267879. No. P.R. 1050.	267910. No. P.R. 1083.
267880. No. P.R. 1051.	267911. No. P.R. 1084.
267881. No. P.R. 1053.	267912. No. P.R. 1085.
267882. No. P.R. 1054.	267913. No. P.R. 1086.
267883. No. P.R. 1055.	267914. No. P.R. 1087.
267884. No. P.R. 1056.	267915. No. P.R. 1088.
267885. No. P.R. 1057.	267916. No. P.R. 1091.
267886. No. P.R. 1058.	267917. No. P.R. 1092.
267887. No. P.R. 1059.	267918. No. P.R. 1093.
267888. No. P.R. 1060.	267919. No. P.R. 1094.
267889. No. P.R. 1061.	267920. No. P.R. 1095.
267890. No. P.R. 1062.	267921. No. P.R. 1096.
267891. No. P.R. 1063.	267922. No. P.R. 1097.
267892. No. P.R. 1064.	267923. No. P.R. 1101.
267893. No. P.R. 1065.	267924. No. P.R. 1102.
267894. No. P.R. 1066.	267925. No. S. 56-383.

267926 to 267930.

From Great Britain. Plants presented by the Royal Botanic Garden, Kew, England. Received August 23, 1960.

267926. CLERODENDRUM NUTANS Wall. Verbenaceae.
267927. SELAGINELLA ATROVIRIDES Spring Selaginellaceae.
267928. SELAGINELLA GRANDIS Moore
267929. SELAGINELLA ORNITHOPODIODES (L.) Spring
267930. SELAGINELLA WALLICHII (Hook. ex Grev.) Spring

267931 to 267934.

From the United States. Seeds held at the Regional Plant Introduction Station, Ames, Iowa. Numbered August 24, 1960.

267931 to 267934—Continued

- 267931.** *MEDICAGO POLYMORPHA* var. *VULGARIS* (Benth.) Shinners Fabaceae. **Faba-Medic.**
Selection from P.I. 250935, from Iran.
- 267932.** *MEDICAGO SATIVA* L. **Alfalfa**
Selection from P.I. 218115, from Pakistan.
- 267933.** *MEDICAGO TORNATA* Mill. Fabaceae. **Medic.**
Selection from P.I. 250935, from Iran.
- 267934.** *TRIGONELLA NOEANA* Boiss. Fabaceae.
Selection from P.I. 227395, from Iran.
- 267935.** *CUCUMIS SATIVUS* L. Cucurbitaceae. **Cucumber.**
From Japan. Seeds presented by the College of Agriculture, University of Osaka Pref., Sakai. Received August 24, 1960.
'Tsauda-Sanjaku'. Tsuda Province. Old variety, spring type. Seedlings thrive at 62° F., a temperature favorable to pistillate flower formation. Plants not vigorous; leaves large; fruit to 35 cm. long; spines black, immature fruit bitter; anthracnose resistant.
- 267936 and 267937.** *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**
From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received August 24, 1960.
- 267936.** No. 2183. Bulk seed.
- 267937.** No. 2183. Self seed.
- 267938.** *ALOPECURUS PRATENSIS* L. Poaceae. **Meadow foxtail.**
From the Netherlands. Seeds presented by the Institut voor Systematische Plantkunde Rijksuniversiteit, Utrecht. Received August 24, 1960.
- 267939.** *MALUS SYLVESTRIS* Mill. Malaceae. **Apple.**
From Canada. Budsticks presented by the Department of Agricultural Genetics and Plant Breeding Research Institute, Ottawa. Received August 29, 1960.
'Ananas Berzenicki'. From Poland. Tree hardy, vigorous, long lived; bark smooth; branches grow at open angle, tendency to bend; leaves large, bright green; blossoms frost resistant, not resistant to prolonged rain; requires pollinator ('Yellow Transparent' suggested); fruit large; flesh firm, cream color, crisp, juicy; matures late August, continuing to late September; tendency to biennial bearing. Good shipper.
- 267940 and 267941.** *PYRUS COMMUNIS* L. Malaceae.
From Great Britain. Budsticks presented by the East Malling Research Station, Kent, England. Received Aug. 30, 1960.
- 267940.** 'Williams' Bon Chretien (H704/1/A1). From Switzerland.
- 267941.** 'Williams' Bon Chretien (M 205). Mother tree.
- 267942 and 267943.** *CUCUMIS SATIVUS* L. Cucurbitaceae. **Cucumber.**
From Japan. Seeds presented by the College of Agriculture, University of Osaka Prefecture, Osaka. Received Sept. 1, 1960.
- 267942.** 'Sekino No. 2'. Line No. 56. 190-4. Selected from variety in Kanto area. Also known as 'Ochiai No. 2'. Spring type (i.e., young plants respond to short days and cool nights of spring by production of pistillate flowers. Less sensitive varieties are grown for midsummer and early fall production). Plants vigorous, early maturing; fruit slender, green; spines black; flesh white, thick, good flavor; resistant to anthracnose.

267942 and 267943—Continued

267943. 'Tsuda-Sanjaku.' Line No. 56. 157-2. Tsuda Province. Old variety, spring type; seedlings thrive at 62° F. a temperature favorable to pistillate flower formation. Plants not vigorous; leaves large; fruit to 35 cm. long; spines black; immature fruit bitter; anthracnose resistant.

267944. TILIA PLATYPHYLLOS f. AUREA (Loud.) Rehder Tiliaceae.

From Germany. Plants purchased from Herm. A. Hesse, Baumschulen, Weener. Received May 13, 1960. Numbered Sept. 1, 1960.

267945 and 267946. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. Sweetpotato.

From Mexico. Tubers presented by Raul Cervera Lauri, Merida, Yucatan. Received Sept. 6, 1960.

267945. White.

267946. Red.

267947. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From Hungary. Seeds presented by the Hortus Botanicus, Universitatis Soproniensis, Sopron. Received Sept. 7, 1960.

267948. TRIFOLIUM HYBRIDUM L. Fabaceae. Alsike clover.

From the United States. Seeds collected by H. S. Gentry, agricultural explorer, Crops Research Division, Beltsville, Md. Received Sept. 7, 1960.

Col. No. 18591. Six miles northeast of Lebanon. June 1960.

267949. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From the Peoples Republic of Germany. Seeds presented by the Botanischer Garten, Bremen. Received Sept. 7, 1960.

267950. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

From the Netherlands. Seeds presented by the Landbouwhogeschool, Wageningen. Received Sept. 7, 1960.

267951 to 267979. SACCHARUM (hybrids). Poaceae. Sugarcane.

From Puerto Rico. Cuttings presented by Agricultural Experiment Station, Rio Piedras. Received Sept. 7, 1960.

267951. 56-57.	267966. 56-385.
267952. 56-147.	267967. 56-391.
267953. 56-181.	267968. 56-397.
267954. 56-212.	267969. 56-403.
267955. 56-241.	267970. 56-413.
267956. 56-242.	267971. 56-425.
267957. 56-252.	267972. 56-427.
267958. 56-255.	267973. 56-430.
267959. 56-258.	267974. 56-433.
267960. 56-260.	267975. 56-434.
267961. 56-301.	267976. 56-442.
267962. 56-302.	267977. 56-448.
267963. 56-307-A.	267978. 56-457.
267964. 56-344.	267979. 56-475.
267965. 56-366.	

267980 to 267984. *VIGNA SINENSIS* (Torner) Savi Fabaceae.

Cowpea.

From Nigeria. Seeds presented by the Ministry of Agriculture and Natural Resources, Ibadan. Received Sept. 7, 1960.

267980. V34-2. 6243.

267983. V153-1. 6339-1.

267981. V46-2. 6263.

267984. V154-8. 6340-8.

267982. V142-1. 6329-1.

267985. *CYNODON DACTYLON* (L.) Pers. Poaceae.

Bermudagrass.

From Pakistan. Stolons collected by J. R. Harlan, agricultural explorer, New Crops Research Branch, Plant Industry Station, Beltsville, Md. Received Sept. 7, 1960.

Col. No. 830. Mastuj village, Chitral State, northeast of Peshawar. August 1960. Low creeping, lawn type, may have some winter hardiness.

267986. *ECBALLIUM ELATERIUM* (L.) A. Rich. Cucurbitaceae.

Squirting-cucumber.

From Portugal. Seeds presented by the Hortus Botanicus, Coimbra. Received Sept. 7, 1960.

267987 to 268014.

From Portugal. Seeds presented by the Estacao Agronomica Nacional, Sacavem. Received Sept. 7, 1960.

267987. *AEGILOPS TRIARISTATA* Willd. Poaceae.

267988. *AVENA ALBA* Vahl Poaceae.

267989. *AVENA STERILIS* L.

Animated oats.

267990. *HORDEUM MURINUM* L. Poaceae.

267991 to 268004. *ORYZA SATIVA* L. Poaceae.

267991. 'Japonica Dichroa 9544'.

267992. 'Japonica Italica 17129'.

267993. 'Japonica Italica 11137'.

267994. 'Japonica Italica 17133'.

267995. 'Japonica Nervialonica 17138'.

267996. 'Japonica Paraitalica 14195'.

267997. 'Japonica Paraitalica 14197'.

267998. 'Japonica Paraitalica 17147'.

267999. 'Japonica Pyrocarpa 17175'.

268000. 'Japonica Subaristimaculata 17174'.

268001. 'Japonica Subjanthoceros 9548'.

268002. 'Japonica Subjanthoceros 17159'.

268003. 'Japonica Subviolgaris 30137'.

268004. 'Japonica Vulgaris 9550'.

268005 to 268014. *TRITICUM AESTIVUM* L. Poaceae.

Common wheat.

268005. 'Erythrospermum 701'

268010. 'Ferrugineum 765'.

268006. 'Erythrospermum 713'.

268011. 'Graecum 1992'.

268007. 'Erythrospermum 735'.

268012. 'Lutescens 680'.

268008. 'Erythrospermum 736'.

268013. 'Milturum 43635'.

268009. 'Ferrugineum 759'.

268014. 'Milturum 43636'.

268015 to 268018. SACCHARUM (hybrids). Poaceae. Sugarcane.

From Fiji. Cuttings presented by the Colonial Sugar Refining Company Limited, Lautoka Mill. Received Sept. 7, 1960.

268015. 'Fiji 33'. 268017. 'Fiji 47'.
268016. 'Fiji 40'. 268018. 'Galba'.

268019 to 268053. PRUNUS sp. Amygdalaceae.

From the United States. Root sprouts growing at the Experiment Station, Horticultural Research Department, Louisiana State University, Baton Rouge. Collected by P. L. Hawthorne, and L. G. Jones in Louisiana, Jan. 19 to Feb. 10, 1960.

Native, European and Japanese species and hybrid plums.

268019. Col. No. L-9-30. 'White's No. 1'. From the A. W. White farm, Walker. Fruits large, pinkish purple, juicy.
268020. Col. No. L-9-31. 'White's No. 2'. From the A. W. White farm, Walker. Fruits medium size, red, juicy.
268021. Col. No. L-9-32. 'Cassle No. 1'. From the C. E. Cassle farm, Denham Springs. Fruits large, yellow.
268022. Col. No. L-9-33. 'Cassle No. 2'. From the C. E. Cassle farm, Denham Springs. Fruits 0.75 to 1 inch in diameter, translucent, many dots on skin; flesh yellow, very juicy.
268023. Col. No. L-9-34. 'Cassle No. 3'. From the C. E. Cassle farm, Denham Springs. Fruits meaty, round, slightly flat on apex, 1 to 1.25 inches in diameter; flesh orange red.
268024. Col. No. L-9-35. 'Crowder No. 1'. From the A. J. Crowder farm, Denham Springs. Fruits red, 1 to 1.5 inches in diameter; suckers few.
268025. Col. No. L-9-40. 'Brousard No. 1'. From the N. J. Brousard farm, Denham Springs. Fruits large, meaty, yellow.
268026. Col. No. L-9-41. 'Brousard No. 25'. From the N. J. Brousard farm, Denham Springs. Tree over 50 years old, blooms early; fruits large, red, with white specks.
268027. Col. No. L-9-42. 'Berry'. From the Charles Berry farm, Hammond. Fruits round, 1 inch in diameter, cleft, yellow, with red flush, many dots, juicy.
268028. Col. No. L-9-44. 'Fayard'. From the C. Fayard farm, Springfield. Fruits to two inches in diameter, solid, heart shape, deep cleft; skin dark red when ripe; flesh yellow. Severe brown rot.
268029. Col. No. L-9-47. 'Richardson'. Near Richard's Grocery, Springfield. Fruits large, meaty, purple.
268030. Col. No. L-9-48. 'Lee No. 1'. From the L. L. Lee farm, Springfield. Fruits large, resemble small peach or apricot.
268031. Col. No. L-9-49. 'Lee No. 2'. From the L. L. Lee farm, Springfield. Fruits large, yellow, juicy.
268032. Col. No. L-9-50. 'Lee No. 3'. From the L. L. Lee farm, Springfield. Fruits large, purple.
268033. Col. No. L-9-54. 'Blood River'. From the Willie Slingmyer farm, Blood River community. Fruits large, dull red.
268034. Col. No. L-9-57. 'Coats No. 1'. Springfield. Fruits purple.
268035. Col. No. L-9-58. 'Coats No. 3'. Springfield. Fruits red.
268036. Col. No. L-9-59. From Jack Cowart, near Bayou Barbary.
268037. Col. No. L-9-60. 'Cowart No. 2'. From Jack Cowart, near Bayou Barbary.

268019 to 268053—Continued

268038. Col. No. L-9-61. 'McNabb No. 1'. From J. E. McNabb, Bayou Barbary.
268039. Col. No. L-9-62. 'McNabb No. 2'. From J. E. McNabb, Bayou Barbary.
268040. Col. No. L-9-63. 'Hutchinson'. From the Reid Hutchinson farm, Horse Bluff.
268041. Col. No. L-9-64. 'Wall No. 1'. From the Marshall Wall farm, Hammond. Fruits yellow.
268042. Col. No. L-9-65. 'Wall No. 2'. From the Marshall Wall farm, Hammond. Fruits red.
268043. Col. No. L-9-66. 'Martin'. From George Martin, Frost. Fruits prune type.
268044. Col. No. L-9-67. 'Martin Goose'. From George Martin, Frost. Fruits goose type.
268045. Col. No. L-9-68. 'Miller'. From the Ben F. Miller farm, Livingston.
268046. Col. No. L-9-69. Near Bayou Barbary.
268047. Col. No. L-9-71. 'Gordon No. 1'. From the James Gordon farm, Livingston. Peach plum.
268048. Col. No. L-9-72. 'Gordon No. 2'. From the James Gordon farm, Livingston. Fruits large, tough, red.
268049. Col. No. L-9-73. 'Gordon No. 3'. From the James Gordon farm, Livingston. Fruits red, spicy.
268050. Col. No. L-9-74. 'Gordon No. 4'. From the James Gordon farm, Livingston. Fruits yellow.
268051. Col. No. L-9-75. 'Robalais No. 1'. From Elvis Robalais, Simmesport. Sprouts many; fruits reddish purple.
268052. Col. No. L-9-76. 'Robalais No. 2'. From Elvis Robalais, Simmesport. Sprouts few; fruits pinkish yellow.
268053. Col. No. L-9-77. 'Chartin'. From the E. Chartin farm, on bayou below Acy. Fruits reddish yellow.

268054 to 268061. SACCHARUM (hybrids). Poaceae. Sugarcane.

From Fiji. Cuttings presented by the Colonial Sugar Refining Company Limited, Lautoka Mill. Received Sept. 8, 1960.

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|--------------------|--------------------|
| 268054. 'Fiji 35'. | 268058. 'Fiji 48'. |
| 268055. 'Fiji 38'. | 268059. 'Fiji 52'. |
| 268056. 'Fiji 39'. | 268060. 'Fiji 54'. |
| 268057. 'Fiji 43'. | 268061. 'Fiji 59'. |

268062. CITRUS sp. Rutaceae.

From New Zealand. Seeds presented by the Department of Scientific and Industrial Research, Auckland. Received Sept. 12, 1960.

'Rarotonga'.

268063. MEDICAGO SATIVA L. Fabaceae.**Alfalfa.**

From India. Seeds presented by the Rockefeller Foundation, Kashmir. Received Sept. 12, 1960.

Collected at the Karewa Farm, Srinagar. Elevation 5,000 feet. Plants small; stems fine; flower purple; gives impression it is diploid. Susceptible to common leaf spot and black stem.

268064. STENOTAPHRUM sp. Poaceae.

From Kenya. Roots presented by the Grassland Research Station, Uppsala. Received Sept. 15, 1960.

268065 and 268066. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From Sweden. Seeds presented by the Swedish Seed Association, Uppsala. Received Sept. 15, 1960.

268065. Harvested 1954.

268066. Harvested 1955.

268067. TRIFOLIUM SUBTERRANEUM L. Fabaceae.

Subterranean clover.

From Australia. Seeds presented by F. H. Brunning, Melbourne. Received Sept. 15, 1960.

'Woogenellup'.

268068. LOTUS CORNICULATUS L. Fabaceae. Birdsfoot trefoil.

From Portugal. Seeds presented by H. Chambers, Praia de Lavadores. Received September 15, 1960.

268069 to 268077. TRITICUM AESTIVUM L. Poaceae.

Common wheat.

From Hungary. Seeds presented by the Agricultural Experimental Institute, Kompolt. Received September 15, 1960.

268069. B. 1201.

268074. Karcagi 522.

268070. B. 1205.

268075. Kompolti Szalkas.

268071. F. 481.

268076. L. P. 160.

268072. Fertodi 293.

268077. U. 130.

268073. K. 169.

268078 to 268100.

From Nigeria. Seeds presented by the Regional Research Station, Zaria. Received Sept. 19, 1960.

268078 to 268086. HIBISCUS CANNABINUS L. Malvaceae.

Kenaf.

'Rama'.

268078. Sel. No. 1418-59-134.

268083. Sel. No. 1424-59-140.

268079. Sel. No. 1419-59-135.

268084. Sel. No. 1425-59-139.

268080. Sel. No. 1420-59-136.

268085. Sel. No. 1425-59-141.

268081. Sel. No. 1421-59-137.

268086. Sel. No. 1426-59-142.

268082. Sel. No. 1422-59-138.

268087 to 268096. HIBISCUS ESCULENTUS L.

Okra.

268087. Sel. No. 1482-59-112.

268092. Sel. No. 1526-59-107.

268088. Sel. No. 1483-59-121.

268093. Sel. No. 1527-59-108.

268089. Sel. No. 1484-59-122.

268094. Sel. No. 1528-59-109

268090. Sel. No. 1524-59-105.

268095. Sel. No. 1529-59-110.

268091. Sel. No. 1525-59-106.

268096. Sel. No. 1530-59-111.

268097 to 268100. HIBISCUS SABDARIFFA L.

Roselle.

'Yakuwa'.

268097. Sel. No. 1429-59-143.

268099. Sel. No. 1434-59-145.

268098. Sel. No. 1432-59-144.

268100. Sel. No. 1435-59-146.

268101 to 268110.

From Mexico. Seeds presented by the Rockefeller Foundation, Mexico City. Received September 21, 1960.

268101 to 268106. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**

268101. 'Pasilla Corto'. **268104.** 'Tipo Mulato'.
IV-626. 58C-29-27.

268102. 'Tipo Ancho'. **268105.** 'Tipo Poblano'.
58C-27-8. 58C-76-2.

268103. 'Tipo Jalapeno'. **268106.** 'Tipo Sandia'.
58C-63-4. 58C-70-12.

268107. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**

'Cotaxtla I'. XXX 1448 (F). High yielding, midseason variety; fruits large, firm.

268108 to 268110. *PHASEOLUS VULGARIS* L. Fabaceae. **Common bean.**

Early maturing bush type; yield 1,500 kg. per hectare; seeds small, black.

268108. 'Actopan'.

268109. 'Antigua'.

268110. 'Jamapa'.

268111 to 268115.

From the Netherlands. Plants purchased from Old Farm Nurseries, Boskoop. Numbered September 21, 1960.

268111 to 268113. *FRAXINUS EXCELSIOR* L. Oleaceae. **European ash.**

268111. 'Doorenbos 5'.

268112. 'Jaspidea'.

268113. 'Westhof's Glory'.

268114 and 268115. *FRAXINUS EXCELSIOR* L.

268114. 'Aurea'.

268115. 'Diversifolia'.

268116 to 268131.

From the Netherlands. Plants purchased from Pierre Lombarts, Zunder. Numbered September 21, 1960.

268116. *ARUNDINARIA VIRIDI-STRIATA* (Regel) Makino Poaceae. **Bamboo.**

268117. *FRAXINUS ANGUSTIFOLIA* Wahl Oleaceae.

'Pendula'.

268118 and 268119. *FRAXINUS EXCELSIOR* L. Oleaceae. **European ash.**

268118. 'Pendula'.

268119. 'Pendula Variegata'.

268120. *FRAXINUS OXYCARPA* Willdenow **Ash.**

268121. *SALIX ACUTIFOLIA* Willdenow Salicaceae. **Sharpleaf willow.**

'Pendulifolia'.

268122 to 268126. *SALIX ALBA* L. **White willow.**

268122. 'Chermesina'. **268125.** 'Metmondiana'.

268123. 'Drankenburg'. **268126.** 'Rockanje'.

268124. 'Lutescens'.

268127. *SALIX CINEREA* L.

268116 to 268131—Continued268128. *SALIX CINEREA* L.

'Grandis No. 56'.

268129. *SALIX DAPHNOIDES* Villars**Daphne willow.**268130. *SALIX DASYCLADOS* Wimmer268131. *SALIX INTERIOR* Rowlee**268132. TRIFOLIUM SUBTERRANEUM** L. Fabaceae.**Subterranean clover.**

From Australia. Seeds presented by the F. H. Brunning Proprietary, Limited, South Melbourne. Received September 22, 1960.

'Clare'.

268133. SACCHARUM (hybrid). Poaceae.**Sugarcane.**

From the Union of South Africa. Cuttings presented by the South African Sugar Association Experiment Station, Natal. Received Sept. 23, 1960.

N.50/211.

268134 and 268135.

From the United States. Seeds presented by the University of California Citrus Experiment Station, Riverside, California. From Laguna, Philippine Islands. Received September 23, 1960.

268134. *FICUS BOTRYOCARPA* Miq. Moraceae.**Fig.**268135. *FICUS STRICTA* Miq.**Fig.****268136 to 268141.**

From Australia. Plants presented by the Hodgins Nurseries Proprietary, Limited, Victoria. Received Sept. 23, 1960.

268136 to 168138. *CLEMATIS* (hybrids). Ranunculaceae.

268136. 'E. M. Pritchard'.

268137. 'R. V. Pritchard'.

268138. 'Pritchardii'.

268139 to 268140. *HIBISCUS SYRIACUS* L. Malvaceae.**Shrub-althea.**

268139. 'De La Veuve'.

268140. 'Fatusoa'.

268141. *LAGERSTROEMIA* sp. Lythraceae.**268142 to 268156.**

From the United States. Seeds collected by the University of Arizona, Tucson. From Arizona, unless otherwise stated. Received Sept. 26, 1960.

268142. *APODANTHA UNDULATA* Gray Cucurbitaceae.

Cochise County, 1958.

268143. *CHENOPODIUM ARIZONICUM* Standl. Chenopodiaceae.

Bear Canyon, Mt. Lemmon, 1959.

268144. *CHENOPODIUM FREMONTII* Wats.

Bear Canyon, Mt. Lemmon, 1959.

268145. *CHENOPODIUM INCISUM* Poir.

Bear Canyon, Mt. Lemmon, 1959.

268146. *CHENOPODIUM LEPTOPHYLLUM* Nutt. ex Moq.

Fairbanks, 1958.

268142 to 268156—Continued

268147. *CHILOPSIS SALIGNA* D. Don Bignoniaceae.
Tanque Verde Valley, 1959.
268148. *DATURA CERATOCaula* Jacq. Solanaceae.
Mason No. 1876, 22 miles south of Queretaro, Mexico, 1960.
268149. *DATURA DISCOLOR* Bernh.
Km. 1952, Mexican West Coast Highway, 1958.
268150. *DATURA QUERCIFOLIA* HBK.
Goodding No. 599-58, Texas Canyon, 1958.
268151. *JACQUINIA PUNGENS* Gray Theophrastaceae.
Mason No. 1856. Km. 1489, Sinaloa, Mexico, 1960.
268152. *SOLANUM AMERICANUM* Mill. Solanaceae.
Ash Canyon, Huachuca Mountains, 1958.
268153. *SOLANUM NODIFLORUM* Jacq.
Ash Canyon, Huachuca Mountains, 1958.
268154. *SOLANUM VERBASCIFOLIUM* L. Nightshade.
Mason No. 1689, Navajoa, Mexico, 1958.
268155. *TERNSTROEMIA PRINGLEI* Standl. Theaceae.
Nayarit, Mexico, 1959.
268156. *THEVETIA PERUVIANA* (Pers.) Merrill Apocynaceae. Yellow-oleander.
University of Arizona campus, 1958.

268157 to 268204.

From Czechoslovakia. Seeds presented by the Academy of Agricultural Sciences, Kromeriz. Reportedly resistant to *Erysiphe graminis*, unless otherwise noted. Received Sept. 27, 1960.

- 268157 to 268181. *HORDEUM DISTICHON* L. Poaceae. Two-rowed barley.
268157. No. 1. 'Weihestephaner II'. From Germany.
268158. No. 2. 'Da Caffé'. From Germany.
268159. No. 3. 'Zeiners Immune'. From Germany.
268160. No. 5. 'Schweigers Erika'. From Germany.
268161. No. 6. 'Bengasi'. From Germany.
268162. No. 8. 'Firlbecks III'. From Germany.
268163. No. 9. 'Strengs Franken III'. From Germany.
268164. No. 15. 'Mullers Franken'. From Germany.
268165. No. 41. B 2145. From Poland.
268166. No. 42. 'Mileninum'. From Poland.
268167. No. 280. 'Krymskij 301'. From Russia.
268168. No. 298. 'Detenicky Kargyn'.
268169. No. 299. 'Zborovicky Kargyn'.
268170. No. 304. 'Proskovcuv Hanacky'.
268171. No. 306. 'Hanacky Moravan'.
268172. No. 308. 'Opavsky'.
268173. No. 310. 'Valticky'. Reportedly not resistant.
268174. No. 317. 'Hanacky Starovesky'. Reportedly not resistant.

268157 to 268204—Continued**268157 to 268181—Continued**

268175. No. 389. 'Kolocovice'.
 268176. No. 520. 'Stupicky Hanacky'. Reportedly not resistant.
 268177. No. 523. 'Hanacky Export'.
 268178. No. 524. 'Hanacky Jubilenjni'.
 268179. No. 527. 'Kvasicky'.
 268180. No. 528. 'Triumf'.
 268181. No. 540. 'Hodoninsky'. Reportedly not resistant.

268182. HORDEUM PYRAMIDATUM Regel

No. 24. 'Sechszeilige Sacavem 5598'. From Portugal.

268183 to 268204. HORDEUM sp. Poaceae.

268183. No. 37. 'Weihestephaner'. From Germany.
 268184. No. 18. 'P.S.G. Nordland'. From Germany. Reportedly resistant to *Puccinia hordei*.
 268185. No. 19. 'Breusteds Granat'. From Germany. Reportedly resistant to *Puccinia hordei*.
 268186. No. 27. II 20. From Dalmatia.
 268187. No. 28. I 5. From Dalmatia.
 268188. No. 29. I 25. From Dalmatia.
 268189. No. 30. 'Ragusa 420'. From Balkan.
 268190. No. 34. 'Balkan 1942:922'. From Balkan.
 268191. ROZ 1. 'Balkan 1942:1102'. From Balkan.
 268192. ROZ 2. 'Ragusa 6-9'. From Balkan.
 268193. ROZ 3. 'Ragusa 415'. From Balkan.
 268194. ROZ 4. 'Peloponnese 1942:25'. From Balkan.
 268195. ROZ 5. 'Balkan 1942:1120/b'. From Balkan.
 268196. ROZ 6. 'Balkan 1941:2202'. From Balkan.
 268197. ROZ 8. 'Almersfelder'. From Germany.
 268198. ROZ 10. 'Balkan 1942:802'. From North Africa.
 268199. ROZ 11. 'Balkan 1941:1407'. From Balkan.
 268200. ROZ 12. 'Ragusa 416'. From Balkan.
 268201. ROZ 13. 'Ragusa b. DR 34-40'. From Balkan.
 268202. ROZ 14. 'Strengs Doria'. From Germany.
 268203. ROZ 15. 'Vierzeilige Futtergerste'. From Germany.
 268204. ROZ 9. 'Tschermak's Vierzeilige'. From Germany.

268205 to 268323.

From Iran. Seeds collected by J. R. Harlan, agricultural explorer, New Crops Research Branch, Plant Industry Station, Beltsville, Md. Received Sept. 30, 1960.

268205. ACER sp. Aceraceae.

Col. No. 105. Steep rocky slopes, Behistum Mountains, two km. north of Kermanshah. Elevation 1,800 meters. Tree to four meters high; foliage dense.

268206. AEGILOPS sp. Poaceae.

Col. No. 9. Thirty-eight km. south of Ilam. Elevation 575 meters.

268205 to 268323—Continued

- 268207.** *AEGILOPS TRIUNCIALIS* L. **Barb goatgrass.**
Col. No. 63. Rocky talus, Behistun Mountains, 20 km. east of Kermanshah.
- 268208.** *HETERANTHELIUM PILIFERUM* (Russ.) Taub. & Spach
Col. No. 64. Rocky talus, Behistun Mountains, 20 km. east of Kermanshah.
- 268209.** *AEGILOPS* sp.
Col. No. 124. Canyon bottom, 43 km. north of Karaj Pass.
- 268210.** *AEGILOPS* sp.
Col. No. 134. Twenty km. east of Behshahr, near sea level.
- 268211.** *ARRHENATHERUM KOTSCHYI* Boiss. Poaceae.
Col. No. 107. Steep rocky slope, Behistun Mountains, 20 km. north of Kermanshah. Elevation 1,800 meters. Plants to 0.5 meters high.
- 268212.** *ASTRAGALUS* sp. Fabaceae.
Col. No. 78. Thirty km. northwest of Kermanshah. Plant 60 cm. high, leafy.
- 268213 and 268214.** *AVENA BARBATA* Brot. Poaceae.
268213. Col. No. 82. Rocky ridge 50 km. south of Shahabad.
268214. Col. No. 96. Barren mountain 80 km. north of Kermanshah.
- 268215.** *AVENA* sp.
Col. No. 19. In orchard, Mehran. Plants tall, robust; not cultivated.
- 268216.** *AVENA* sp.
Col. No. 30. Fifty km. east of Tepe Musgan.
- 268217.** *BROMUS TOMENTELLUS* Boiss. Poaceae.
Col. No. 103. Steep, rocky slope, Behistun Mountains, 20 km. north of Kermanshah. Elevation 1,800 meters. Plants to one meter high, erect.
- 268218.** *BROMUS TOMENTELLUS* Boiss.
Col. No. 83. Rocky ridge, 50 km. south of Shahabad. Erect perennial bunchgrass.
- 268219.** *BROMUS* sp.
Col. No. 125. Canyon bottom, 43 km. north of Karaj Pass. Plants short, erect, bunch habit.
- 268220 and 268221.** *BROMUS JAPONICUS* Thunb.
268220. Col. No. 132. Near sea level 20 km. east of Behshahr. Grass to 0.5 meter high.
268221. Col. No. 139. Plains 23 km. east of Gorgan. Plants 0.5 meter high.
- 268222.** *BRACHYPODIUM* cf. *SYLVATICUM* (Huds.) Beauv.
Col. No. 143. Mountains 172 km. east of Gorgan. Plants 0.5 meter high.
- 268223.** *BROMUS MACROSTACHYS* Desf.
Col. No. 149. Plateau, 313 km. from Gorgan. Plants 10 cm. high.
- 268224.** *CALEPINA* sp. Brassicaceae.
Col. No. 7. Pass in steep, treeless, mountains, 75 km. northeast of Kermanshah. Elevation 1,800 meters.
- 268225.** *CEDRUS* sp. Pinaceae.
Col. No. 126. Steep rocky canyon, 65 km. north of Karaj Pass. Trees to 18 meters high.

268205 to 268323—Continued

268226. *CERCIS CHINENSIS* Bunge *Caesalpiniaceae*. Chinese redbud.
Col. No. 109. Karaj Agricultural College, 40 km. west of Tehran. Elevation 1,200 meters. Tree eight meters high.
268227. *CUCUMIS MELO* L. *Cucurbitaceae*. Muskmelon.
Col. No. 137. 'Kharhaze' melon. Chalus.
- 268228 and 268229. *CYAMOPSIS TETRAGONOLOBA* (L.) Taub. *Fabaceae*. Guar.
268228. Col. No. 35. 'Sind'. Experiment Station, Haft Tappah.
268229. Col. No. 36. 'Punjab'. Experiment Station, Haft Tappah.
- 268230 to 268233. *DACTYLIS GLOMERATA* L. *Poaceae*. Orchardgrass.
268230. Col. No. 122. Canyon bottom, 41 km. from Karaj Pass. Small orchard grass; spikelets compact.
268231. Col. No. 128. Coastal sand dunes, 70 km. east of Ramsar. Short, nearly leafless, orchardgrass.
268232. Col. No. 131. Near sea level 20 km. east of Behshahr. Grass to 0.5 meter high.
268233. Col. No. 145. Mountains 172 km. east of Gorgan. Grass to one meter high.
268234. *FESTUCA OVINA* L. *Poaceae*.
Col. No. 106. Steep rocky slope, Behistun Mountain, 20 km. north of Kermanshah. Elevation 1,800 meters.
268235. *FESTUCA* sp.
Col. No. 129. Coastal sand dunes, 70 km. east of Ramsar. Plants fine stemmed.
- 268236 to 268241. *HORDEUM DISTICHON* L. *Poaceae*. Two-rowed barley.
268236. Col. No. 7. Foothills 30 km. south of Ilam. Elevation 750 meters.
268237. Col. No. 13. Hills 64 km. north of Mehran. Elevation 375 meters.
268238. Col. No. 14. Hills 49 km. north of Mehran. Elevation 330 meters.
268239. Col. No. 41. Hills 8 km. northwest of Behbahan.
268240. Col. No. 50. Mountain valley, 20 km. north of Fahlian.
268241. Col. No. 61. Thirty km. west of Shiraz.
- 268242 to 268245. *HORDEUM SPONTANEUM* C. Koch
268242. Col. No. 6. 'Jo Vashi'. American Hospital Compound, Kerman.
268243. Col. No. 8. Rocky slope, 35 km. south of Ilam.
268244. Col. No. 49. Foothills, 40 km. south of Dow Gonbadan.
268245. Col. No. 58. Slope below Shapur, 30 km. northwest of Kazerun.
- 268246 to 268259. *HORDEUM VULGARE* L. Barley.
268246. Col. No. 2. 'Siyah'. Kashan.
268247. Col. No. 3. 'Sefid'. White. Kashan.
268248. Col. No. 16. Irrigated field near Mehran. Black, six-rowed type.
268249. Col. No. 23. Hills 80 km. east of Mehran. Elevation 360 meters. Plants short, sparse.

268205 to 268323—Continued**268246 to 268259—Continued**

268250. Col. No. 26. Irrigated field near Dehloran.
 268251. Col. No. 34. Plains 60 km. west of Ahwaz.
 268252. Col. No. 37. Plains 65 km. southeast of Ahwaz.
 268253. Col. No. 46. Low, dryland, 34 km. south of Behbahan, foot-hills.
 268254. Col. No. 48. Low foothills, 2 km. south of Dow Gonbadan.
 268255. Col. No. 52. Irrigated valley, 18 km. north of Fahlian. Elevation 600 meters.
 268256. Col. No. 54. Irrigated valley, 17 km. north of Fahlian.
 268257. Col. No. 75. Edge of valley, 15 km. northwest of Kermanshah.
 268258. Col. No. 79. Six km. north of Shahabad.
 268259. Col. No. 84. Steep hillside, 70 km. south of Shahabad.

268260. HORDEUM sp.

Col. No. 144. Mountains 172 km. east of Gorgan. Short, bunch-headed grass.

268261. HYPARRHENIA HIRTA (L.) Stapf Poaceae.

Col. No. 56. Slopes below Shapur, 30 km. northwest of Kazerun.

268262 and 268263. LENS CULINARIS Medic Fabaceae. Lentil.

268262. Col. No. 60. Kazerun.

268263. Col. No. 147. Plateau, 313 km. from Gorgan. Plants to 10 cm. high, pealike legume.

268264. LINUM USITATISSIMUM L. Linaceae. Flax.

Col. No. 44. Two km. south of Behbahan.

268265. MELICA sp. Poaceae.

Col. No. 104. Steep rocky slope Behistun Mountains, 20 km. north of Kermanshah. Elevation 1,800 meters. Plant 0.5 meter high.

268266. MELICA CILIATA L.

Col. No. 121. Canyon bottom, 41 km. from Karaj Pass. Plant 0.75 meter high, erect, narrow-leaved bunchgrass.

268267. ORYZOPSIS COERULESCENS (Desf.) Hack Poaceae.

Col. No. 108. Steep rocky slope, Behistun Mountains, 20 km. north of Kermanshah. Elevation 1,800 meters. Plant 1 meter high.

268268. PRUNUS ARMENIACA L. Amygdalaceae. Apricot.

Col. No. 20. In orchard, Mehran.

268269. PRUNUS BRIGANTICA Vill.

Col. No. 113. Karaj Agricultural College, 40 km. west of Tehran. Elevation 1,200 meters. Tree small.

268270. PRUNUS HAUSSKNECHTII C. K. Schneider ex Bronn.

Col. No. 112. Karaj Agricultural College, 40 km. west of Tehran. Elevation 1,200 meters.

268271. PRUNUS SPARTIOIDES Spach.

Col. No. 111. Karaj Agricultural College, 40 km. west of Tehran. Elevation 1,200 meters. Shrub blue green, weeping habit.

268272 to 268277. PRUNUS sp.

268272. Col. No. 5. Rocky canyon, 25 km. north of Kermanshah. Elevation 1,825 meters. Small-leaved, dense, ornamental. Grazed. Maybe of value as dwarfing rootstock.

268205 to 268323—Continued

268272 to 268277—Continued

268273. Col. No. 57. On slopes below Shapur, 30 km. northwest of Kazerun.

268274. Col. No. 100. Steep, rocky slopes, Behistun Mountains, 20 km. north of Kermanshah. Elevation 1,800 meters. Tree to three meters high; twigs stout, thornlike; leaves silvery.

268275. Col. No. 136. Chalus.

268276. Col. No. 150. Gorgan bazaar. Fruit large red cherry.

268277. Col. No. 154. Twenty-five km. southwest of Meshed. Cherries large, dark red.

268278. *ROSA LUTEA* Miller Rosaceae. Austrian brier rose.

Col. No. 114. Karaj Agricultural College, 40 km. west of Tehran. Elevation 1,200 meters. Rounded shrub to three meters high; foliage dense; leaves small.

268279. *ROSA* sp.

Col. No. 4. Rocky canyon, 25 km. north of Kermshah. Plant shrubby, dense, about 1.5 meters high.

268280. *SANGUISORBA MINOR* Scop. Rosaceae. Small burnet.

Col. No. 95. Valley, 10 km. northeast of Kermanshah.

268281. *SECALE CEREALE* L. Poaceae. Rye.

Col. No. 94. Pass 10 km. south of Harsin.

268282. *STAPHYLEA PINNATA* L. Staphyleaceae. European bladdernut.

Col. No. 115. Karaj Agricultural College, 40 km. west of Tehran. Elevation 1,200 meters. Tree seven meters high; foliage dense.

268283. *STIPA* sp. Poaceae.

Col. No. 70. Pass in steep treeless mountains, 75 km. northeast of Kermanshah. Elevation 1,800 meters.

268284. *TRIFOLIUM VELIVOLUM* Paine Fabaceae. Clover.

Col. No. 81. Rocky ridge, 50 km. south of Hahabad. Plants heavily grazed.

268285 to 268317. *TRITICUM AESTIVUM* L. Poaceae. Common wheat.

268285. Col. No. 10. Field, 48 km. south of Ilam, edge of Mesopotamian Plain.

268286. Col. No. 11. Hills 64 km. north of Mehran. Elevation 375 meters.

268287. Col. No. 12. Hills 64 km. north of Mehran. Beardless breadwheat.

268288. Col. No. 15. Hills 49 km. north of Mehran. Elevation 330 meters.

Bearded breadwheat.

268289. Col. No. 17. Irrigated field near Mehran.

268290. Col. No. 18. Irrigated field near Mehran.

268291. Col. No. 22. Irrigated field three km. east of Mehran.

268292. Col. No. 24. Dry situation, 80 km. east of Mehran. Elevation 360 meters. Plants short.

268293. Col. No. 25. Irrigated field near Dehloran.

268294. Col. No. 29. Fifty km. east of Tepe Musyan.

268295. Col. No. 33. Sixty km. west of Ahwaz.

268205 to 268323—Continued**268285 to 268317—Continued**

268296. Col. No. 38. Plains 65 km. southeast of Ahwaz.
 268297. Col. No. 42. Eight km. northwest of Behbahan.
 268298. Col. No. 45. Low, dryland, foothills, 34 km. south of Behbahan.
 268299. Col. No. 47. Low foothills two km. south of Dow Gonbadan.
 268300. Col. No. 53. Valley, 18 km. north of Fahlian. Elevation 600 meters.
 268301. Col. No. 62. Kazerun.
 268302. Col. No. 77. Thirty km. northwest of Kermanshah.
 268303. Col. No. 80. Six km. north of Shahabad.
 268304. Col. No. 85. Open valley, 80 km. south of Shahabad.
 268305. Col. No. 86. Near Ilam.
 268306. Col. No. 87. Oak woodland, 37 km. west of Khorramabad.
 268307. Col. No. 88. Oak woodland, 41 km. west of Khorramabad.
 268308. Col. No. 89. Oak woodland, 46 km. west of Khorramabad.
 268309. Col. No. 90. Mountains 53 km. west of Khorramabad.
 268310. Col. No. 91. Barren mountainside 63 km. north of Khorramabad.
 268311. Col. No. 92. Mountains 83 km. north of Khorramabad.
 268312. Col. No. 93. Pass, 10 km. south of Harsin.
 268313. Col. No. 97. Barren mountains, 80 km. north of Kermanshah.
 268314. Col. No. 98. Hills 84 km. north of Kermanshah.
 268315. Col. No. 99. Hills 85 km. north of Kermanshah.
 268316. Col. No. 133. Near sea level, 20 km. east of Behshahr.
 268317. Col. No. 152. Twenty km. southwest of Meshed.

268318. TRITICUM DURUM Desf.

Col. No. 55. Three km. north of Fahlian. Club headed.

268319. VICIA ERVILIA (L.) Willd. Fabaceae.**Bittervetch.**

Col. No. 65. Near Kermanshah.

268320. VICIA TENUIFOLIA Roth.

Col. No. 101. Behistun mountains, 20 km. north of Kermanshah. Elevation 1,800 meters.

268321. VICIA HYRCANICA Fisch. & Mey.

Col. No. 76. Thirty km. northwest of Kermanshah.

268322. LATHYRUS ANNUUS L. Fabaceae.

Col. No. 135. Near sea level, 20 km. east of Behshahr. Plants to 30 cm. high, grasslike; leaves slender.

268323. ZEA MAYS L. Poaceae.**Corn.**

Col. No. 1. Kashan bazaar. A popcorn that does not look like popcorn.

268324. CYNODON DACTYLON (L.) Pers. Poaceae.**Bermudagrass.**

From India. Stolons collected by J. R. Harlan, agricultural explorer, Crops Research Division, Beltsville, Md. Received Oct. 4, 1960.

Col. No. 1084. Chandonwari, nine miles above Pohalgan. Elevation 9,500 feet. Close turf, heavily grazed; may be cold hardy.

268325 to 268329. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Australia. Seeds presented by the Department of Agriculture, University of Sydney, Sydney. Received Oct. 4, 1960.

268325. 1810. 'Hopps W 2517'. Spring Ridge.
 268326. 1811. 'Kenya 1483'. Tickborne, N. SW.
 268327. 1812. 'Mengui 2551'. Spring Ridge.
 268328. 1813. 'Kendra W2516'. Spring Ridge.
 268329. 1814. 'Gamenya W2550'. Brookstead, Queensland.

268330 and 268331. CHENOPODIUM QUINOA Willd. Chenopodiaceae. Quinoa.

From Peru. Seeds presented by the Servicio Cooperativo Inter-Americano Produccion Alimentos (Scipa), Lima. Received Oct. 4, 1960.

268330. 'Cancolla De Puno'.
 268331. 'Real De Puno'.

268332 and 268333.

From the Union of Soviet Socialist Republics. Seeds obtained by Howard Received Oct. 5, 1960.

268332. AGROPYRON sp. Poaceae.
 Road bank near Ukraine Hotel, Moscow. Wild type.

268333. LOLIUM PERENNE L. Poaceae. Perennial ryegrass.
 Near Karakum Canal, Turkestan. Wild type.

268334. BIXA ORELLANA L. Bixaceae. Anatto-tree.

From India. Seeds presented by the Department of Agriculture, Poona. Received Oct. 5, 1960.

268335 and 268336.

From the Sudan. Seeds presented by the Cotton Breeding Section, Shambat. Received Oct. 5, 1960.

268335. GOSSYPIUM INCANUM (Schwartz) Hillcoat Malvaceae.
 268336. NOTOXYLINON AUSTRALE Lewton Malvaceae.

268337 to 268350.

From Ruanda-Urundi. Seeds presented by Institut National pour l'Etude Agronomique du Congo Belge, Station de Rubona, Rubona. Received Oct. 5, 1960.

- 268337 to 268339. TRIFOLIUM BACCARINII Chiov. Fabaceae.
 268337. No. 6543.
 268338. No. 6547.
 268339. No. 6559.

268340 to 268343. TRIFOLIUM PURSEGLOVEI Gillett

268340. No. 6542. 268342. No. 6545.
 268341. No. 6544. 268343. No. 6552.

268344 to 268350. TRIFOLIUM USAMBARENSE Taub.

268344. No. 6541. 268348. No. 6550.
 268345. No. 6546. 268349. No. 6551.
 268346. No. 6548. 268350. No. 6554.
 268347. No. 6549.

268351 to 268354. NEPHELIUM LAPPACEUM L. Sapindaceae.**Rambutan.**

From Thailand. Seeds presented by the Thai Commercial Company Limited, Bangkok. Received Oct. 6, 1960.

268351. No. 17627. Fruit red, medium size, very sweet.
 268352. No. 17628. Fruit deep red, large.
 268353. No. 17629. Fruit red, small, sweet.
 268354. No. 17630. Fruit yellow, medium size, sweet.

268355 to 268481.

From Afghanistan. Plant material collected by J. R. Harlan, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Seeds unless otherwise indicated. Received Oct. 7, 1960.

268355. ALLIUM CEPA L. Liliaceae. **Onion.**
 Col. No. 280. Kabul bazaar.
- 268356 to 268358. ALLIUM SATIVUM L. **Garlic.**
 268356. Col. No. 192. Paghman, 20 km. northwest of Kabul. Cloves.
 268357. Col. No. 205. Paghman, 20 km. northwest of Kabul. Cloves.
 268358. Col. No. 207. Kabul bazaar. Cloves.
268359. ALLIUM sp.
 Col. No. 206. Twenty km. northwest of Kabul.
268360. ALLIUM sp.
 Col. No. 208. Kabul bazaar. Onions dark red.
268361. BOTHRIODIUM ISCHAEMUM (L.) Keng Poaceae. **King's Ranch bluestem.**
 Col. No. 312. Kabul River canyon, six km. west of Sarobi. Tufted perennial one meter high.
- 268362 and 268363. ANETHUM GRAVEOLENS L. Apiaceae. **Dill.**
 268362. Col. No. 180. 'Shebet'. Paghman, 20 km. northwest of Kabul.
 268363. Col. No. 287. 'Chevet'. Kabul bazaar.
268364. AVENA sp. Poaceae.
 Col. No. 313. Kabul.
268365. BETA VULGARIS L. Chenopodiaceae. **Beet.**
 Col. No. 286. 'Larb-labore'. Kabul bazaar.
- 268366 to 268367. BRASSICA CAMPESTRIS L. Brassicaceae. **Bird rape.**
 268366. Col. No. 308. Six km. east of Kabul. Plant one meter high with many siliques.
 268367. Col. No. 316. Kabul bazaar.
268368. BRASSICA RAPA L. **Turnip.**
 Col. No. 184. 'Shalgham'. Paghman, 20 km. northwest of Kabul.
268369. BRASSICA CAMPESTRIS L. **Bird rape.**
 Col. No. 289. 'Shar-sham'. Kabul bazaar.
268370. RAPHANUS SATIVUS L.
 Col. No. 298. 'Mul-ey'. Kabul bazaar.
268371. BRASSICA CAMPESTRIS L. **Bird rape.**
 Col. No. 302. Kabul bazaar.

268351 to 268481—Continued

268372. *CANNABIS SATIVA* L. Moraceae. Hemp.
Col. No. 299. 'Bang-danah'. Kabul bazaar.
268373. *CAPSICUM FRUTESCENS* L. Solanaceae. Redpepper.
Col. No. 296. 'Morsh'. Kabul bazaar.
268374. *CARTHAMUS TINCTORIUS* L. Asteraceae. Safflower.
Col. No. 175. Paghman, 20 km. northwest of Kabul.
268375. *CHRYSOPOGON GRYPHUS* (L.) Trin. Poaceae.
Col. No. 309. Kabul River canyon, four km. west of Sarobi. Heavily grazed, tufted perennial with fine leaves.
268376. *CICER ARIETINUM* L. Fabaceae. Chickpea.
Col. No. 290. Kabul bazaar.
268377. *CITRULLUS LANATUS* (Thunb.) Mansf. Watermelon.
Col. No. 285. 'Tor-yi'. Kabul bazaar.
268378. *CORIANDRUM SATIVUM* L. Apiaceae. Coriander.
Col. No. 189. 'Gashnick'. Paghman, 20 km. northwest of Kabul.
- 268379 and 268380. *CUCUMIS MELO* L. Cucurbitaceae. Muskmelon.
268379. Col. No. 167. Kabul bazaar. Melon large, oval; skin thin; flesh yellow.
268380. Col. No. 295. 'Bad-rang'. Kabul bazaar.
268381. *CUCURBITA PEPO* L. Cucurbitaceae. Pumpkin.
Col. No. 288. Kabul bazaar.
268382. *DAUCUS CAROTA* L. Apiaceae. Carrot.
Col. No. 292. Kabul bazaar.
268383. *FOENICULUM VULGARE* Mill. Apiaceae. Fennel.
Col. No. 179. 'Bamdigon'. Paghman, 20 km. northwest of Kabul.
268384. *HIBISCUS ESCULENTUM* L. Malvaceae. Okra.
Col. No. 301. 'Barniyan'. Kabul bazaar.
- 268385 to 268403. *HORDEUM VULGARE* L. Poaceae. Barley.
268385. Col. No. 202. 'Joe'. Paghman, 20 km. northwest of Kabul.
268386. Col. No. 203. 'Joe'. Paghman, 20 km. northwest of Kabul.
268387. Col. No. 213. Northern limits of Kabul. Semismooth-awned.
268388. Col. No. 215. Seven km. west of Paghman. Semismooth-awned.
- 268389 to 268403. Agronomy plots, Kabul University.
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|-----------------------|------------------------------------|
| 268389. Col. No. 264. | 268397. Col. No. 272. |
| 268390. Col. No. 265. | 268398. Col. No. 273. |
| 268391. Col. No. 266. | 268399. Col. No. 275. |
| 268392. Col. No. 267. | 268400. Col. No. 276. |
| 268393. Col. No. 268. | 268401. Col. No. 297. |
| 268394. Col. No. 269. | Kabul bazaar. |
| 268395. Col. No. 270. | 268402. Col. No. 310. Kabul. |
| Smooth-awned. | 268403. Col. No. 198. 'Joe'. Pagh- |
| 268396. Col. No. 271. | man, 20 km. northwest of Kabul. |

268351 to 268481—Continued

268404. IRIS sp. Iridaceae.
Col. No. 160. On high plateau, 185 km. north of Kandahar.
268405. LACTUCA SATIVA L. Cichoreaceae. **Lettuce.**
Col. No. 291. Kabul bazaar.
268406. LATHYRUS APHACA L. Fabaceae.
Col. No. 214. Five km. west of Paghman. Plant small annual; leaves paired, small.
268407. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**
Col. No. 293. 'Badamjan-i-rumi'. Kabul bazaar.
268408. MEDICAGO SATIVA L. Fabaceae. **Alfalfa.**
Col. No. 217. Ten km. west of Paghman.
268409. ORYZOPSIS sp. Poaceae.
Col. No. 307. Kabul River canyon, 22 km. west of Sarobi. Plant about one meter high.
268410. PANICUM ANTIDOTALE Retz. Poaceae.
Col. No. 304. Deep canyon, seven km. west of Sarobi.
268411. PANICUM MILIACEUM L. **Proso.**
Col. No. 197. Paghman, 20 km. northwest of Kabul.
- 268412 and 268413. PHASEOLUS AUREUS Roxb. Fabaceae. **Mung bean.**
268412. Col. No. 204. Paghman, 20 km. northwest of Kabul.
268413. Col. No. 300. Kabul bazaar. Green mung.
268414. PHASEOLUS sp.
Col. No. 185. 'Lubigaw'. Paghman, 20 km. northwest of Kabul.
268415. POA BULBOSA L. Poaceae. **Bulbous bluegrass.**
Col. No. 211. Paghman.
268416. POA ANGUSTIFOLIA L.
Col. No. 229. Rocky terrace, Paghman.
268417. DESMOSTACHYA BIPINNATA (L.) Stapf.
Col. 306. Two km. west of Sarobi. Bunchgrass to four feet high.
- 268418 to 268420. PRUNUS ARMENIACA L. Amygdalaceae. **Apricot.**
268418. Col. No. 168. Hotel de Kabul.
268419. Col. No. 171. Hotel de Kabul.
268420. Col. No. 173. Kabul bazaar.
268421. PRUNUS sp.
Col. No. 169. Kabul bazaar. Greenish plum.
268422. PRUNUS sp.
Col. No. 170. 'Al-Ba-Lu'. Hotel de Kabul. Cherry small, red, sour.
268423. PRUNUS sp.
Col. No. 172. 'El-Ass'. Kabul bazaar. Cherry sweet, yellow to red.
268424. RAPHANUS SATIVUS L. Brassicaceae. **Radish.**
Col. No. 181. 'Turp'. Paghman, 20 km. northwest of Kabul.
268425. SANGUISORBA MINOR Scop. Rosaceae. **Small burnet.**
Col. No. 222. Paghman. Plant low growing, many stemmed.

268351 to 268481—Continued

- 268426.** SECALE CEREALE L. Poaceae. **Rye.**
Col. No. 282. 'Jo-Dar'. Kabul bazaar.
- 268427.** SETARIA ITALICA (L.) Beauv. Poaceae. **Foxtail millet**
Col. No. 201. 'Gol'. Paghman, 20 km. northwest of Kabul.
- 268428.** SOLANUM MELONGENA L. Solanaceae. **Eggplant.**
Col. No. 284. Kabul bazaar.
- 268429 to 268430.** TRIFOLIUM PRATENSE L. Fabaceae. **Red clover.**
268429. Col. No. 226. Paghman.
268430. Col. No. 227. Ten km. west of Paghman.
- 268431 to 268433.** TRIFOLIUM RESUPINATUM L. **Persian clover.**
268431. Col. No. 174. 'Shaftal'. Paghman, 20 km. northwest of Kabul.
268432. Col. No. 223. Six km. north of Paghman. Plants vigorous, heavy stemmed.
268433. Col. No. 228. Six km. south of Paghman.
- 268434.** TRIGONELLA FOENUM-GRÆCUM L. Fabaceae. **Fenugreek.**
Col. No. 190. 'Ulbak'. Paghman, 20 km. northwest of Kabul.
- 268435 to 268475.** TRITICUM AESTIVUM L. Poaceae. **Common wheat.**
268435. Col. No. 156. Mountains, 59 km. southeast of Herat.
268436. Col. No. 209. Five km. below Paghman, towards Kabul.
268437. Col. No. 210. Paghman.
268438. Col. No. 212. Five km. west of Paghman.
268439. Col. No. 216. Five km. west of Paghman.
268440. Col. No. 218. Five km. west of Paghman.
268441. Col. No. 219. Five km. south of Paghman.
268442. Col. No. 224. Five km. south of Paghman.
268443. Col. No. 230. Paghman.
268444 to 268475. Agronomy plots, Kabul University.
268444. Col. No. 232. **268459.** Col. No. 247.
'Aakoli Herat'.
268445. Col. No. 233. **268460.** Col. No. 248.
'Cherikar'.
268446. Col. No. 234. **268461.** Col. No. 249.
268447. Col. No. 235. **268462.** Col. No. 250.
268448. Col. No. 236. **268463.** Col. No. 251.
268449. Col. No. 237. **268464.** Col. No. 252.
268450. Col. No. 238. **268465.** Col. No. 253.
268451. Col. No. 239. **268466.** Col. No. 254.
268452. Col. No. 240. **268467.** Col. No. 255.
268453. Col. No. 241. **268468.** Col. No. 256.
268454. Col. No. 242. **268469.** Col. No. 257.
268455. Col. No. 243. **268470.** Col. No. 258.
268456. Col. No. 244. **268471.** Col. No. 259.
268457. Col. No. 245. **268472.** Col. No. 260.
268458. Col. No. 246. **268473.** Col. No. 261.
268474. Col. No. 262.
268475. Col. No. 263.

268351 to 268481—Continued

268476. *VICIA ERVILIA* (L.) Willd. Fabaceae. **Bittervetch.**
Col. No. 278. Kabul bazaar.
268477. *VICIA FABA* L. **Broadbean.**
Col. No. 283. 'Bakoli'. Kabul bazaar.
268478. *LATHYRUS SATIVUS* L.
Col. No. 187. 'Kalur'. Paghman, 20 km. northwest of Kabul.
- 268479 and 268480. *PISUM ELATIUS* Bieb.
268479. Col. No. 294. 'Mashung'. Kabul bazaar.
268480. Col. No. 317. Kabul bazaar.
268481. *ZEA MAYS* L. Poaceae. **Corn.**
Col. No. 200. 'Jam-or'. Paghman, 20 km. northwest of Kabul. Pop-corn.

268482 to 268468.

From Great Britain. Plants presented by the Royal Botanic Garden, Kew, Richmond, England. Received Oct. 8, 1960.

268482. *RHODODENDRON LOCHAE* F. Muell. Ericaceae.
268483. *RHODODENDRON MULTICOLOR* Miq.
268484. *RHODODENDRON* × *BALSAMIFLORUM* Veitch
'Ne Plus Ultra'.
268485. *RHODODENDRON* × *TAYLORI* Veitch
268486. *ROUPALA MACROPHYLLA* Pohl Proteaceae.
'Corcovadensis'.

268487 to 268490.

From India. Seeds presented by the Coorg Fruit Research Station, Chethalli, Mysore State. Received Oct. 10, 1960.

268487. *CITRUS MADERASPATANA* Hort. ex Tanaka Rutaceae.
'Belladakithuli'.
268488. *CITRUS PENNIVESICULATA* (Lushington) Tanaka
'Baduvapuli'.
268489. *CITRUS RETICULATA* Blanco **Mandarin orange.**
'Coorg Orange'.
268490. *CITRUS SINENSIS* (L.) Osbeck **Orange.**
'Sathgudi'.

268491 to 269135. ARACHIS HYPOGAEA L. Fabaceae. Peanut.

From Rhodesia. Seeds presented by the Mount Makulu Research Station, Chilanga. Received Oct. 11, 1960.

- AB denotes alternate branching bunch variety.
AR denotes alternate branching runner variety.
SB denotes sequential branching bunch variety.
BC denotes from Tozi collection, Sudan.
IN59 denotes a 1959 introduction into Rhodesia.
SR denotes Southern Rhodesia strain collected in 1959.

268491. BC99. A33-1. **268493. BC101. 'Gandajika 65'.**
268492. BC100. A36X. **268494. BC102. 'Gandajika 66'.**

268491 to 269135—Continued

268495.	BC103.	'Abu Arbaa'.	268533.	SB15.	S/A6.
268496.	BC104.	'Bulindi'.	268534.	SB16.	B227.
268497.	BC105.	'Bassanga'.	268535.	SB17.	SA/A7.
268498.	BC106.	JE56.	268536.	SB18.	C118.
268499.	BC107.	From Kordofan. Cent. Africa.	268537.	SB19.	C117.
268500.	BC108.	'Kigan'.	268638.	BC200.	'Manyema 119a'.
268501.	BC109.	'Kumawu'.	268639.	BC201.	SA 43-G-90a-1.
268502.	BC110.	Ex Manyema, Uganda.	268540.	SB22.	'Amendoim V53'.
268503.	BC111.	'Mubene'.	268541.	SB23.	'Rouge de Plovdiv'.
268504.	BC113.	'Teso Bunch'.	268542.	SB24.	'Turo'.
268505.	BC114.	'Toro'.	268543.	SB25.	'Kongwa Red'.
268506.	BC115.	'Valencia Nzega'.	268544.	SB26.	'Kongwa Red/1'.
268507.	BC116.	'Valencia Tabora'.	268545.	SB27.	B724.
268508.	BC117.	'Valencia Ukiriguru'.	268546.	SB28.	A14.
268509.	BC118.	'Valencia Kongwa'.	268547.	SB29.	K.C.A.
268510.	BC119.	From Cuba.	268548.	SB30.	Sinyala selection.
268511.	BC120.	A26.	268549.	SB31.	'Kumani'.
268512.	BC121.	A30-1.	268550.	SB32.	'Nhamburgharea'.
268513.	BC122.	'Zanele'.	268551.	SB33.	'Uganda Erect'.
268514.	BC123.	'Vagna Nagna'.	268552.	SB34.	'Solontoni'.
268515.	BC125.	'Guayabita Bunch A1'.	268553.	SB35.	'Valencia Solonton'.
268516.	BC126.	A17-2.	268554.	SB37.	'Apaxuc 322'.
268517.	BC127.	'Valencia ex S. A.'.	268555.	SR1.	'Valencia'. From Ngezi Reserve.
268518.	BC129.	'Argentine No. 7'.	268556.	SR2.	'Native Valencia 93'.
268519.	BC130.	'Kopergaon 3'.	268557.	IN59-15.	'Valencia 173'. From U.S.S.R.
268520.	SB1.	'Valencia Bunch' ex 'Potchefstroom'.	268558.	IN59-16.	'Valencia K263'. From U.S.S.R.
268521.	SB2.	B736.	268559.	IN59-17.	'Valencia K322'. From U.S.S.R.
268522.	SB4.	'Red Bassanga'.	268560.		'Local Valencia'.
268523.	SB5.	'Kumawu'.	268561.	BC131.	'Kongwa Red'.
268524.	SB6.	'Mubendi'.	268562.	BC132.	'Short Valencia S.A.'.
268525.	SB7.	'Mbale Bunch'.	268563.	BC80.	MJ.374.
268526.	SB8.	'Teso Bunch'.	268564.	BC81.	A 15.
268527.	SB9.	'Abu Arabaa'.	268565.	BC82.	A 11.
268528.	SB10.	'Atuboi'.	268566.	BC83.	'Argentine 3'.
268529.	SB11.	B735.	268567.	BC84.	'Porto Alegre'.
268530.	SB12.	'Gandajika A65'.	268568.	BC86.	'Coriante'.
268531.	SB13.	B700.	268569.	SB38.	'Porto Alegre'.
268532.	SB14.	B701.	268570.	IN59-18.	'Purple Valencia 175'. From U.S.S.R.

268491 to 269135—Continued

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| 268571. | IN59-59. | 'Chiyeye
I/58/158'. | 268607. | BC144. | A35. |
| 268572. | BC133. | 'Argentine No.
11'. | 268608. | SB49. | 'Siam 1'. |
| 268573. | SB39. | 'Rabat No. 27'. | 268609. | SB50. | B729. |
| 268574. | SB40. | P2095. | 268610. | SB51. | 'Apaxuc 362'. |
| 268575. | SR3. | 'Murambatswina
18'. | 268611. | IN59-24. | 52. From
U.S.S.R. |
| 268576. | SR5. | 'Murambatswina
20B'. | 268612. | BC174. | 'Gadjah 61'. |
| 268577. | SR6. | 'Chimbuwila Large
Leaf 219'. | 268613. | BC175. | B730-2. |
| 268578. | SR7. | 'Chimbuwila Large
Leaf 220'. | 268614. | BC176. | B237. |
| 268579. | BC140. | A33-3. | 268615. | BC177. | A3-1-3. |
| 268580. | BC134. | 'Kano'. | 268616. | BC178. | B719. |
| 268581. | BC135. | A10. | 268617. | BC179. | Strain 10. |
| 268582. | BC136. | A27. | 268618. | BC180. | A17. |
| 268583. | BC137. | A31. | 268619. | BC181. | 'Schworz 21'. |
| 268584. | BC138. | A32. | 268620. | BC182. | A18. |
| 268585. | BC139. | A33-2. | 268621. | BC183. | Strain 41. |
| 268586. | SB41. | 'Amendoim V32'. | 268622. | BC184. | B688. |
| 268587. | SB42. | 'Amendoim V54'. | 268623. | BC185. | A32-1. |
| 268588. | SB43. | A31. | 268624. | BC186. | A36. |
| 268589. | SB44. | 'Kano'. | 268625. | BC187. | A13. |
| 268590. | IN59-20. | 'Red Manyema
235'. From U.S.S.R. | 268626. | BC188. | 'Magale 1'. |
| 268591. | BC87. | A30. | 268627. | BC189. | 'Manyema Bunch'. |
| 268592. | BC88. | JE59. | 268628. | BC190. | 'Manyema
Nyassa'. |
| 268593. | BC89. | 'Kidang'. | 268629. | BC191. | 'Manyema
Nsega'. |
| 268594. | BC90. | A17X-1. | 268630. | BC192. | 'Manyema
Tanganyika'. |
| 268595. | BC92. | Sa43-G-90a. | 268631. | BC193. | 'Manyema
Kongwa'. |
| 268596. | SB45. | 'Kidang Batavia'. | 268632. | BC194. | A19-1. |
| 268597. | SB46. | 43-G-66 CPI.
12036. | 268633. | BC195. | B725. |
| 268598. | SB47. | 'Apaxuc 494'. | 268634. | BC196. | 'Badongo'. |
| 268599. | SR8. | 'Red Manyema'.
From Ngezi Reserve. | 268635. | BC197. | 'Manyema
Kutambaa'. |
| 268600. | SR9. | 'Kasawayira 110'. | 268636. | BC198. | 'Mputa B146-2'. |
| 268601. | IN59-19. | 'Red Manyema
389'. From U.S.S.R. | 268637. | BC199. | 'Manyema 119'. |
| 268602. | BC85. | 'Gandajika 40'. | 268638. | BC 200. | 'Manyema 119a'. |
| 268603. | SB48. | 'Amendoim V20'. | 268539. | BC210. | SA 43-G-90a-1. |
| 268604. | BC141. | A28. | 268640. | BC202. | 'Maseni'. |
| 268605. | BC142. | B730-1. | 268641. | BC203. | A32-1-1. |
| 268606. | BC143. | 'Pink Valencia'. | 268642. | SB53. | 'Manyema Nzega'. |
| | | | 268643. | SB54. | B/19. |
| | | | 268644. | SB55. | 'Bambey 47-5'. |
| | | | 268645. | SB56. | B688. |

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268646. SB57. 'Manyema Nzega'.
 268647. SB58. 'Manyema Tanganyika'.
 268648. SB59. 'Schwarz 21'.
 268649. SB60. BB2.
 268650. SB61. 'Amendoim V-76'.
 268651. SB62. 'Gadjah 61'.
 268652. SB63. 'Amendoim V69'.
 268653. SB64. 'Ex Gadjah 61'.
 268654. SB65. Ex B730-2.
 268655. SB66. 'Chimonko I/58/39/1'.
 268656. SB67. 'Chimonko I/58/39/2'.
 268657. SB68. 'Apaxuc 382'.
 268658. SR10. 'Chigwadara 63'.
 268659. IN59-23 K472. From China.
 268660. IN59-25 K443. From China.
 268661. SB52. 'Apaxuc 370'. From U.S.S.R.
 268662. IN59-21 K382. From U.S.S.R.
 268663. IN59-22 K370. From U.S.S.R.
 268664. B93 BC. 'Japanese'.
 268665. B94 BC. 'Red Spanish'.
 268666. B95 BC. 'Red Kernel' type.
 268667. B96 BC. 'Natal'.
 268668. SB69. 'Rabat No. 34'.
 268669. SB70. 'Red Kernel'.
 268670. SB71. 'Japanese Bunch'.
 268671. SB72. 'Japanase'.
 268672. SB73. 'Red Spanish'.
 268673. SB74. 'Red Spanish'.
 268674. SB75. 47-G-114.
 268675. SB76. 'Red Spanish/2'.
 268676. SB77. 'Red Spanish/3'.
 268677. SR11. 'White Natal'. From Ngezi Reserve.
 268678. SR12. 'Kasawayira Kaduku 9'.
 268679. SR13. 'Kasawayira Kaduku 92'.
 268680. BC228. B688-1.
 268681. BC229. 'Large Natal 139-1'.
 268682. BC230. 'Large Natal 142'.
 268683. BC231. TMV2.
 268684. BC232. TMV2-1.
 268685. BC233. 'Large Natal 147'.
 268686. BC234. B730-3.
 268687. SB78. 'Bambey 41-37'.
 268688. SB79. 'Bambey 40-93'.
 268689. SB80. 'Philippine Pink'.
 268690. SB81. Ex TMV2.
 268691. SB SR16. 'Chivende 39'.
 268692. SR17. 'Matawa 56'.
 268693. SR18. 'Chimbaura 60'.
 268694. SR19. 'Chimbaura 65'.
 268695. BC204. Strain 32.
 268696. BC205. 'Natal Common'. From South Africa.
 268697. BC206. B728-1.
 268698. BC207. A3-1-2.
 268699. BC208. 'Natal Common 139'.
 268700. BC210. 'Barberton'. From E.C.G.C.
 268701. BC211. 'Barberton ECR4202'.
 268702. BC212. B717.
 268703. BC213. B713.
 268704. BC214. B727.
 268705. BC215. B729.
 268706. BC216. B753.
 268707. BC217. 'Gambia Bunch'.
 268708. BC218. JE61.
 268709. BC219. JE67B.
 268710. BC220. 'Natal Common'. From Swaziland.
 268711. BC221. 'Klondeish'.
 268712. BC222. 'Indian Bunch'.
 268713. BC223. K38-1-1.
 268714. BC224. 'Natal I 4'.
 268715. BC225. 'Guayabita Bunch A.2'.
 268716. BC226. 'Mputa B146-3'.
 268717. BC227. Strain 6608.
 268718. SB82. 'Barberton'.

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268719.	SB83.	B727.	268756.	SB118.	B732.
268720.	SB84.	B730.	268757.	SB120.	'Bambey 24-88'.
268721.	SB85.	B725.	268758.	SB121.	'Kartoum'.
268722.	SB86.	'Super Khondeish'.	268759.	SB122.	'Masambika'.
268723.	SB87.	'Natal Common 121'.			From Potchefstroom.
268724.	SB88.	'Natal Common 16'.	268760.	SB123.	'Chimonko 159/39/4'.
268725.	SB89.	'Spanish'.	268761.	SB151.	'Variety 809'.
268726.	SB90.	SP146.	268762.	SB152.	B737-1.
268727.	SB91.	B728.	268763.	SB153.	JE55.
268728.	SB92.	T/A6.	268764.	SB154.	B703.
268729.	SB93.	B715.	268765.	SB155.	A12.
268730.	SB95.	'Barberton'.	268766.	BC160.	B239.
	C.P.I. 12030.		268767.	BC161.	JE67A.
268731.	SB96.	B733.	268768.	BC162.	'Super Khandeish'.
268732.	SB97.	'Early Ripening Bunch'.	268769.	BC163.	'U.K.A. Factus'.
268733.	SB98.	'Lusaka D'.	268770.	BC164.	A3-1-1.
268734.	SB99.	Strain 608. C.P.I. 12011.	268771.	BC165.	B353.
268735.	SB100.	'Spanish Khandeish'. From Somaliland.	268772.	BC166.	'Magale 2'.
268736.	SB102.	TMV2.	268773.	BC167.	'Spanish 139'.
268737.	SB105.	B717.	268774.	BC169.	K38-1-2.
268738.	SB106.	'Alpha'.	268775.	BC170.	K38-1-4.
268739.	SB107.	'Mani Blanca'.	268776.	BC171.	'Spanish I-14'.
268740.	SB108.	47-G-19.	268777.	BC172.	'Improved Spanish I-15'.
268741.	SB109.	B727.	268778.	BC173.	'Spanish I-9'.
268742.	SB110.	'Small Brown'.	268779.	SB124.	'Rabat No. 30'.
		From Mwitunde.	268780.	SB125.	'Rabat No. 1'.
268743.	SB111.	TMV2.	268781.	SB126.	'Imperial Spanish'.
268744.	SB112.	'Weerawila'.	268782.	SB127.	'Rabat No. 3'.
268745.	SB114.	'Gambia B'.	268783.	SB128.	N 703.
268746.	SB115.	'Kalete Natal'.	268784.	SB129.	B 703/1.
268747.	SB116.	'Natal B725'.	268785.	SB130.	B239.
268748.	SR14.	'Chidanja 35'.	268786.	SB131.	B730.
268749.	SR15.	'Kasawayira Kaduku 79'.	268787.	SB132.	B704.
268750.	BC78.	AB.	268788.	SB133.	'Rabat No. 4'.
268751.	BC79.	'Pearl 4'.	268789.	SB134.	B237.
268752.	BC146.	A6.	268790.	SB135.	AM3.
268753.	BC147.	'Bambey 28-204-1'.	268791.	SB136.	SP146.
268754.	BC149.	'Spanish 5'.	268792.	SB137.	N703/2.
268755.	SB117.	'Masambika'.	268793.	SB138.	B704.
			268794.	SB140.	'Gambia Bunch D'.

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268795. SB141. 'Kalindi'.
 268796. SB142. B353.
 268797. SB143. 'Gambia A'.
 268798. SB144. 'Rabat No. 32'.
 268799. SB145. 'Rabat No. 37'.
 268800. SB146. 'Bambey 28-204'.
 268801. SB147. 'Bambey 47-9'.
 268802. SB148. B737.
 268803. SB149. ECR 4202.
 268804. SB150. 809.
 268805. SB151. 'SP. Standard'.
 268806. SB152. B737.
 268807. SB153. Strain 809 S.
 268808. SB154. 'Spanish Bunch'.
 268809. SB155. 'Spanish Ap.205'.
 268810. SB156. B713.
 268811. SB157. B715.
 268812. SB158. 'Spanish Sp.702'.
 268813. SB159. 'Imperial Spanish'.
 268814. SB160. 'Peradeniya'.
 268815. SB161. 'Chimonko I58/39/3'.
 268816. SB162. 'Chimonko I58/39/5'.
 268817. SB163. NC.48.
 268818. SB164. 'Apaxuc 319'.
 268819. SR20. 'Spanish'.
 From Ngezi Reserve.
 268820. SR21. 'Kaboko 80'.
 268821. SR22. 'Chitulwane 85'.
 268822. IN59-1. 'Spanish 147'.
 From U.S.S.R.
 268823. IN59-2. 'Spanish 62'.
 From U.S.S.R.
 268824. IN59-3. 'Banbey'.
 From Morocco.
 268825. IN59-4. 'Sankania'.
 From Morocco.
 268826. IN59-5. 'Spanish 57'.
 From U.S.S.R.
 268827. IN59-6. 'Spanish 87'.
 From U.S.S.R.
 268828. IN59-7. 'Spanish 178'.
 From U.S.S.R.
 268829. IN59-8. 'Spanish 223'.
 From U.S.S.R.
 268830. IN59-9. 'Small Spanish K262'.
 From U.S.S.R.
 268831. IN59-10. 'Spanish K319'.
 From U.S.S.R.
 268832. IN59-11. 'Spanish K446'.
 From China.
 268833. IN59-12. 'Spanish K445'.
 From China.
 268834. IN59-13. 'Spanish K473'.
 From China.
 268835. IN59-14 'Spanish K491'.
 From China.
 268836. AB1. 'Mani Pintar I'.
 268837. AB2. 'Mani Pintar II'.
 268838. AB3. 'Red ex Mani'.
 268839. AB4. 'Red ex Mani Pintar II (AS1)'.
 268840. AB5. 'Small Brown ex Mani Pintar II'.
 268841. AB6. 'Brown Speckled ex Mani Pintar II'.
 268842. AB7. 'Large Brown ex Mani Pintar II'.
 268843. AB9. 'Brown ex Mani Pintar I'.
 268844. AB12. 'Wima Bunch'.
 268845. AB13. 'Mgango Nzega'.
 268846. AB14. 'Kanyoma K150'.
 268847. AB15. 'Kanyoma K160'.
 268848. AB16. 'Kanyoma K181'.
 268849. AB17. 'Kanyoma K246'.
 268850. AB18. 'Kanyoma K260'.
 268851. AB19. AH2.
 268852. AB21. 'Mwanza'.
 268853. AB22. 'Chitedze Mwitunde'.
 268854. AB23. 'Matevere'.
 268855. AB24. 'Kanyoma K86'.
 268856. AB25. 'Kutambaa'.
 268857. AB26. 'Ashford'.
 268858. AB27. SA/A5.
 268859. AB28. SA/A6.
 268860. AB30. 'Brown ex Mwitunde'.
 268861. AB31. 'Virginia Bunch'.
 From Queensland.
 268862. BC36. 'Wima'.

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268863. BC37. 'Mgango'.
 268864. BC38. 'Kenyoma Nkonjela'.
 268865. BC39. 'Mwitundi'.
 268866. BC40. 'Matevere'.
 268867. BC41. 'Tunduru Bunch'.
 268868. BC42. 'Katambaa 1'.
 268869. SR25. 'Mazwe 49'.
 268870. SR26. 'Chimbuwila 190'.
 268871. AB34. SA/A7/C.
 268872. AB35. A.21.
 268873. AB36. S.731.
 268874. AB37. 'Virginia Bunch 2'.
 268875. AB38. 'Virginia Bunch'.
 From Somaliland.
 268876. AB39. 'Variety 78'.
 268877. AB43. 'Amendoim V263'.
 268878. AB44. 'Virginia Bunch'.
 From Tanganyika.
 268879. BC30. A.22.
 268880. BC31. 'Virginia Bunch 335a'.
 268881. BC33. NA2/40.
 268882. BC35. 'Ahmer Mogy'.
 268883. SR27. 'Chizezura 2'.
 268884. IN59-32. K474. From China.
 268885. IN59-33. K475. From China.
 268886. IN59-34. K480. From China.
 268887. IN59-35. K481. From China.
 268888. IN59-47. K421. From China.
 268889. IN59-48. K442. From China.
 268890. AB45. 'Mwitunde'.
 268891. AB46. 'Bambey 37-10'.
 268892. AB47. 43-G-90.
 268893. BC29. 'Asiriya Mwitunde'.
 268894. AB10. 'Brown ex Mani Pintar II'.
 268895. AB48. 'Kanyoma K131'.
 268896. AB49. 'Bambey 47-73'.
 268897. AB50. 'Virginia Bunch'.
 From Australia.
 268898. AB52. 'Konyoma'.
 268899. AB53. 'Bambey 47-20'.
 268900. AB54. S/A8.
 268901. AB55. 'Variety 68'.
 268902. AB56. 'Valencia Bunch'.
 268903. AB57. 'Early Ripening Bunch'.
 268904. AB58. 'Giza Bunch'.
 268905. AB59. 'Early Ripening Bunch 1'.
 268906. AB60. 'Castle Cary'.
 From Ghana.
 268907. AB61. 'Amendoim V.265'.
 268908. AB62. 'American'.
 268909. AB63. 'Jur'.
 268910. AB64. 'Beladi Bunch'.
 268911. AB65. 'Bambey 28-214B'.
 268912. AB66. 'Bambey 28-206'.
 268913. AB67. T.U.R.
 268914. AB70. TMV. 3.
 268915. AB71. 'Tamale Local'.
 268916. AB72. MD. 351.
 268917. AB74. 'Bambey 48-89'.
 268918. AB76. 'Samaru'.
 268919. AB77. 'Castle Cry'.
 From Trinidad.
 268920. AB78. 48-7.
 268921. AB84. 48-36.
 268922. AB86. 'Castle Cary 44'.
 268923. AB51. BSI.
 268924. BC 43. 'Virginia 336a'.
 268925. BC44. 'Villa Thuret 330a'.
 268926. BC45. B51.
 268927. BC46. 'Fung Bunch'.
 268928. BC47. 'Kutambaa'.
 268929. BC48. MH. 372.
 268930. BC49. K.38.
 268931. BC50. 'Valencia 67-149'.
 268932. BC51. 'Castle Cary'.
 268933. BC52. 'Jur'.
 268934. BC53. 'Medani Erect'.
 268935. BC54. A19.

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268936.	BC55.	MH 382.	268975.	BC28.	TMV.3.
268937.	BC56.	'Giza Bunch'.	268976.	AR115.	'Red ex Bemba 2'.
268938.	BC57.	'Morocco Bunch'.	268977.	IN59-56.	'Red Local 158/162'.
268939.	BC58.	'American B'.	268978.	IN59-57.	'Red Local (Solonteni) 158/83'.
268940.	BC59.	'Beladi Bunch'.	268979.	AR116.	'Kaipike 158/18'.
268941.	BC62.	ML.378.	268980.	AR117.	'Kaipike 158/15'.
268942.	BC63.	'Spreading Bunch I 16'.	268981.	AR118.	'White Local 1'.
268943.	BC64.	'Spreading Bunch I 17'.	268982.	AR119.	'White Local 2'.
268944.	BC65.	'Ashford'.	268983.	AR120.	'White Chimonko 158/81'.
268945.	BC66.	'Cabri'.	268984.	IN59-51.	'White Kaipike 158/15'.
268946.	BC67.	'B.423 Kawanda'.	268985.	IN59-52.	'Small White Kaipike ex 158/15'.
268947.	BC68.	'Tamale'.	268986.	IN59-53.	'White Chimonko 158/81'.
268948.	BC69.	AH.46481.	268987.	IN59-54.	'Small Chimonko ex 158/81'.
268949.	IN59-28.	K.477. From China.	268988.	IN59-55.	'White Chimonko 158/157'.
268950.	IN59-29.	K.476. From China.	268989.	AR4.	'Gambia Spreading'.
268951.	IN59-30.	K.478. From China.	268990.	AR5.	'Bambey 36-55'.
268952.	AB11.	'Matevere'.	268991.	AR6.	Runner type.
268953.	AB20.	'AH2 Wimma Bunch'.	268992.	AR7.	'Kusasi'.
268954.	AB75.	MH.382.	268993.	AR9.	'Gandajika'.
268955.	AB79.	48-14.	268994.	AR10.	'Castle Cary'.
268956.	AB80.	48-15A.	268995.	AR11.	'Kalisere Local'.
268957.	AB81.	48-21.	268996.	AR12.	'Bambey 36050'.
268958.	AB82.	48-34.	268997.	AR13.	TMV.1.
268959.	AB83.	48-35.	268998.	AR14.	'Madi'.
268960.	AB85.	48-37.	268999.	AR15.	'Local Spreading'.
268961.	AB87.	48-45.	269000.	AR16.	S.721.
268962.	AB73.	'Bambey 48-89'.	269001.	AR17.	S.183.
268963.	BC70.	'Samaru 38'.	269002.	AR18.	S.716.
268964.	BC71.	'Bambey 28-206'.	269003.	AR19.	S.718.
268965.	BC77.	A20-2.	269004.	AR20.	S.722.
268966.	AR1.	'Bambey 45-49'.	269005.	AR21.	S.723.
268967.	AR2.	'Bambey 24-11'.	269006.	AR22.	S.726.
268968.	BC21.	'Bambey 24-11'.	269007.	AR23.	S.183.
268969.	BC22.	'Pondicherry'.	269008.	AR24.	'Kongwa Mixed'.
268970.	BC23.	'Bambey 29-70'.	269009.	AR25.	'Bemba 1'.
268971.	BC24.	'Indian Runner'.	269010.	AR26.	'Mulwe Local'.
268972.	BC25.	'Bambey 25-56'.	269011.	AR27.	'Chitonga'.
268973.	BC26.	A3.			
268974.	BC27.	'Bambey 24-48'.			

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269012.	AR28.	'Malози 1.'	269054.	BC1.	A20-1.
269013.	AR29.	'Malози 2/1'.	269055.	BC2.	'Ndala 3'.
269014.	AR30.	'Nkoya 1'.	269056.	IN59-36.	K482. From China.
269015.	AR31.	'Nkoya 2/1'.	269057.	IN59-37.	K483. From China.
269016.	AR32.	'Mambunda 2'.	269058.	IN59-38.	K484. From China.
269017.	AR33.	'Mambunda 3'.	269059.	IN59-39.	K486. From China.
269018.	AR34.	'Kalobolelwa 3'.	269060.	IN59-40.	K487. From China.
269019.	AR35.	'Kasakala'.	269061.	IN59-42.	K489. From China.
269020.	AR36.	'Mulwe Local'.	269062.	IN59-43.	K490. From China.
269021.	BC4.	'TWV.1-Madras'.	269063.	IN59-44.	K493. From China.
269022.	BC5.	A14X.	269064.	IN59-45.	69. From U.S.S.R.
269023.	BC6.	A7.	269065.	IN59-46.	'Koulikoro'. From Morocco.
269024.	BC7.	A21.	269066.	AR3.	'Muloya Tunduru'.
269025.	BC9.	'Madi Kawanda'.	269067.	AR122.	'Kaonde 1/2'.
269026.	BC10.	'Beladi Runner'.	269068.	AR55.	AM5.
269027.	BC11.	S720.	269069.	AR56.	'Hong Kong'.
269028.	BC12.	'Kongwa Runner'.	269070.	AR57.	AM1.
269029.	BC13.	A13X.	269071.	AR58.	'Guerte Niaye'.
269030.	BC14.	'Marabba Runner 2'.	269072.	AR59.	42-G-105.
269031.	BC15.	'Muloya Tunduru'.	269073.	AR60.	'Nsenga'.
269032.	BC16.	'El Muira'.	269074.	AR61.	'Nyandongo'.
269033.	BC17.	'Ndala-1'.	269075.	AR62.	'Malози 3'.
269034.	BC18.	B.423-1.	269076.	AR63.	'Chalimbana'.
269035.	BC19.	A16.	269077.	AR64.	'Nkoya 2/2'.
269036.	BC20.	Spreading type.	269078.	AR65.	'Mambunda 4'.
269037.	SR23.	'Chizezura 4'.	269079.	AR66.	'Bemba 6'.
269038.	AR121.	'Congo Purple'.	269080.	AR67.	'Smooth Jumbo ex A.M.I.'
269039.	AR39.	'Bambey 47-53'.	269081.	AR68.	'Smooth Jumbo ex A.M.4.'
269040.	AR40.	'St. Vincent Local'.	269082.	AR69.	'Mayoba 158/82/1'.
269041.	AR41.	AM2.	269083.	AR70.	'Mayoba 158/82/3'.
269042.	AR42.	'Chine 1'.	269084.	AR71.	'Mayoba 158/82/4'.
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269044.	AR44.	'Malovale 2'.			
269045.	AR45.	'Malози 2/2'.			
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269047.	AR47.	'Luwingu 1'.			
269048.	AR48.	'Ndoba Misc.'			
269049.	AR49.	'Ndoba NCR2'.			
269050.	AR50.	'Bemba 3'.			
269051.	AR51.	'Mambunda 2/1'.			
269052.	AR52.	'Congo Red 5'.			
269053.	AR54.	AM4.			

268491 to 269135—Continued

- | | |
|--|--|
| 269086. AR73. 'Mayoba
158/80/2'. | 269113. IN59-26. 'Cote d'Ivoire
236'. From Morocco. |
| 269087. AR74. 'Flat Jumbo ex
Kaonde/1'. | 269114. IN59-31. K492. From
China. |
| 269088. AR75. 'Congo Red 1'. | 269115. AR96. 'Mbawa Runner'. |
| 269089. AR76. 'Congo Red 2'. | 269116. AR97. 'Tunduru'. |
| 269090. IN59-50. K485. From
China. | 269117. AR98. SA/A7/B. |
| 269091. AR123. 'Ndoba NCR5'. | 269118. AR99. NRN3. |
| 269092. AR77. 'Kalindi'. | 269119. AR100. 'Bemba 4'. |
| 269093. AR78. S720. | 269120. AR101. 'Bemba 5'. |
| 269094. AR79. 43-G-44. CPI.
12031. | 269121. AR102. 'Ndoba 3K'. |
| 269095. AR80. 'Chimbuwila'. | 269122. AR103. 'Ndoba Small
3K'. |
| 269096. AR81. MJ.374. | 269123. AR104. 'Kaonde 1/1'. |
| 269097. AR82. 'Kapwoto'. | 269124. AR105. 'Mapangazia'. |
| 269098. AR83. 'Hong Kong'. | 269125. AR106. 'Ndoba 2U'. |
| 269099. AR84. 'Ndoba NCR4'. | 269126. AR107. 'Malovale 1'. |
| 269100. AR85. 'Chewa'. | 269127. AR108. 'Kanchomba'. |
| 269101. AR86. 'Bemba 8'. | 269128. AR109. NRN2. |
| 269102. AR87. 'Ndoba NCR3'. | 269129. AR110. 'Bemba 2'. |
| 269103. AR88. 'Ndoba NCR1'. | 269130. AR111. 'Mayoba
158/82/2'. |
| 269104. AR89. 'Kalobolelwa 1'. | 269131. AR112. 'Mayoba
158/80/3'. |
| 269105. AR90. 'Kalobolelwa 2'. | 269132. AR113. 'Mayoba
158/14'. |
| 269106. AR91. 'Bemba 7'. | 269133. AR114. 'Large ex
Kalobolelwa 3'. |
| 269107. AR92. 'Mapanza'. | 269134. IN59-27. 'Nhambiquarae'.
From Morocco. |
| 269108. AR93. 'Congo Red 3'. | 269135. IN59-58. 'Solobain'
(Valencia) I/58/17. |
| 269109. AR94. 'Congo Red 4'. | |
| 269110. AR95. 'Congo Red 6'. | |
| 269111. SR4. 'Jumbo 37'. | |
| 269112. SR24. 'Madukanunda 44'. | |

269136. CITRUS PAPUANA F. M. Bailey Rutaceae.

From New Guinea. Seeds presented by the Department of Agriculture and Fisheries, Port Moresby, Papua. Received Oct. 25, 1960.

Collected at Ganeboku, about seven miles inland from Talasea, New Britain district of New Guinea. Elevation 1,000 feet.

269137 and 269138. SOLANUM TUBEROSUM L. Solanaceae.**Potato.**

From Germany. Tubers presented by the Max-Planck Institute, Koln-Vogelsang. Received Oct. 25, 1960.

269137. 55.957/96.

269138. 55.967/69 AcDST4.

269139 to 269142. LYCOPERSICON ESCULENTUM Mill. Solanaceae.**Tomato.**

From the Netherlands. Seeds presented by the Bruinsma Hybrid Seed Company, Naaldwijk. Received Oct. 12, 1960.

269139. Rootstock K.

269141. Rootstock KV.

269140. Rootstock KN.

269142. Rootstock KVF.

269143. ORYZA SATIVA L. Poaceae.

From India. Seeds presented by the Central Rice Research Institute, Cuttack. Received Oct. 12, 1960.

C0-4.

269144 to 269155.

From Great Britain. Seeds presented by the Cambridge University Plant Breeding Institute, Cambridge, England. Received Oct. 12, 1960.

269144 to 269149. AVENA SATIVA L. Poaceae. Common oats.

Spring types.

269144. 'Blenda'. 269147. 'Milford'.

269145. 'Condor'. 269148. 'Opus'.

269146. 'Maldwyn HF/59'. 269149. 'Penak'.

269150 to 269155. HORDEUM VULGARE L. Poaceae. Barley.

269150. 'Domen'. 269153. 'Proctor'.

269151. 'Fresa'. 269154. 'Rika'.

269152. 'Maythorpe'. 269155. 'Wisa'.

269156 to 269158. ORYZA SATIVA L. Poaceae. Rice.

From Viet-Nam. Seeds presented by the Director of National Agriculture, Saigon. Received Oct. 12, 1960.

Saline water resistant varieties.

269156. 'Nang Ech'. Midseason rice.

269157. 'Nang Keo'.

269158. 'Nang Quot'. Early rice.

269159. BIXA ORELLANA L. Bixaceae. Anatto-tree.

From Argentina. Seeds presented by the Division of Plant Exploration and Introduction, Buenos Aires. Received Oct. 13, 1960.

'Urucu'. Tree to 4 meters, high; leaves heart shaped, 15 cm. long; flowers showy, pink, in terminal clusters; capsule heart shaped, 5 cm. long, dark red, covered with rigid hairs; seeds many, angular, covered with orange-red pulp, source of the annatto dye.

269160. FICUS INDICA L. Moraceae. Fig.

From the Philippines. Seeds presented by the Agricultural Experiment Station, University of California, Riverside, California. From Laguna, Luzon, Philippine Islands. Received Oct. 17, 1960. Has banyanlike growth habit.

269161 to 269163. SACCHARUM (hybrids). Poaceae. Sugarcane.

From India. Cuttings presented by the Sugarcane Breeding Institute, Coimbatore. Received Oct. 17, 1960.

269161. Co. 929.

269162. SES 288.

269163. SES 309.

269164 and 269165.

From Angola. Seeds presented by the Junta de Exportacao do Cafe, Luanda. Received Oct. 18, 1960.

269164. COFFEA CANEPHORA var. GOSSWEILERI Chev. Rubiaceae.

269165. COFFEA CANEPHORA var. LAURENTII (De Wild.) Chev.

269166 and 269167. HORDEUM VULGARE L. Poaceae. Barley.

From Spain. Seeds presented by the World Collection of Small Grains, Lerida. Received Oct. 18, 1960.

269166. No. 160. Farmer's lot.

269167. No. 161. Elevator lot. Grown at Solsona.

269168. MEDICAGO SATIVA L. Fabaceae. Alfalfa.

From Spain. Seeds presented by the United States Operations Mission, Tunisia. Received Oct. 18, 1960.

'Subterraneum Crown'. Plants to eight feet in diameter, prostrate. Used as dryland pasture for cattle.

269169 to 269196. AVENA SATIVA L. Poaceae. Common oats.

From Great Britain. Seeds presented by the Plant Breeding Institute, Cambridge, England. Received Oct. 18, 1960.

Turkish selections.

269169. 733.	269176. 4290.
269170. 936.	269177. 4291.
269171. 948.	269178. 4292.
269172. 4285.	269179. 4293.
269173. 4286.	269180. 4294.
269174. 4287.	269181. 4295.
269175. 4288.	269182. 4296.

Yugoslavian varieties.

269183. 'Beljski'.	269190. 'Pozega'.
269184. 'Lvilbreg'.	269191. Z1.
269185. 'Lipik'.	269192. Z14.
269186. 'Novosadski I'.	269193. Z24.
269187. 'Novosadski II'.	269194. Z27 (Z47).
269188. 'Novosadski IV'.	269195. Z43.
269189. 'Osijek'.	269196. Z202.

269197 to 269205. SACCHARUM (hybrids). Poaceae.

Sugarcane.

From the British West Indies. Cuttings presented by the British West Indies Central Sugarcane Station, Barbados. Received Oct. 18, 1960. Grown at the Codrington and Groves Agricultural Station.

269197. B.45137.	269202. B.52405.
269198. B.51410.	269203. B.53164.
269199. B.51414.	269204. B.54142.
269200. B.51415.	269205. B.54172.
269201. B.51418.	

269206 to 269210. PHASEOLUS VULGARIS L. Fabaceae.

Common bean.

From Peru. Seeds presented by the Estacion Experimental Agricola de la Molina, Lima. Received Oct. 18, 1960.

All are pole beans; reported to have no resistance to the common diseases, rust, powdery mildew and common mosaic.

269206. 'Bayo Agronomia LM 57'.	269209. 'Negro'.
269207. 'Canario LM 57'.	269210. 'Plomo LM 57'.
269208. 'Cocacho LM 57'.	

269211 and 269212. HORDEUM MUTICUM Presl Poaceae.

From Peru. Seeds presented by the International Cooperation Administration, United States Operations Mission, Lima. Received Oct. 19, 1960.

269211. From Nahuinpuquio.

269212. From Puno.

269213 to 269219.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Canberra. Received Oct. 19, 1960.

269213. *SORGHUM AUSTRALIENSE* Garber & Snyder Poaceae.

No. C. 845.

269214. *SORGHUM BREVICALLOSUM* Garber

No. C. 898.

269215. *SORGHUM INTRANS* F. Muell.

No. C. 1021.

269216. *SORGHUM LAXIFLORUM* F. M. Bailey

No. C. 876.

269217. *SORGHUM PLUMOSUM* (R. Br.) Beauv.

No. C. 894.

269218. *SORGHUM STIPOIDEUM* (Ewart & J. White) Gard. & Hubb.

No. W. 620.

269219. *SORGHUM* sp.

No. C. 1067.

269220 and 269221. SOLANUM TUBEROSUM L. Solanaceae.

Potato.

From Germany. Tubers presented by the Max-Planck Institute, Kohln-Volgelsang. Received Oct. 20, 1960.

269220. 55.957/54.

269221. 55.957/63.

269222 to 269226. BETA VULGARIS L. Chenopodiaceae. Beet.

From Germany, Italy and the Netherlands. Seeds collected by G. H. Coons, Tobacco and Sugar Crops Research Branch, Plant Industry Station, Beltsville, Md. Received Oct. 24, 1960.

269222. No. 1. B.O.Z. 810/58. From Institut voor Rationele Suikerproductie, Bergen op Zoon, Netherlands. Virus yellows tolerant.

269223. No. 2. B.O.Z. 810/58. From Institut voor Rationele Suikerproductie, Bergen op Zoon, Netherlands. Virus yellows tolerant.

269224. P.O.G.T. '59. From Germany. Virus yellows tolerant.

269225. G.R. 2/K 23/58. From the Netherlands. Nematode resistant, not virus yellows resistant.

269226. Plants growing by the sea, 37 km. south of Leghorn, Italy.

269227 to 269231.

From Germany. Plants purchased from Georg Arends, Wuppertal-Ronsdorf. Received Oct. 25, 1960.

Hardy evergreen hybrid azaleas of unknown origin.

269227. *RHODODENDRON* (hybrid). Ericaceae.

'Multiflora'.

269227 to 269231—Continued

269228 to 269231. RHODODENDRON × ARENDsii Arends

269228. 'Agger'. Flowers lilac.

269229. 'Gloer'. Flowers salmon rose.

269230. 'Lingese'.

269231. 'Neye'. Flowers carmine.

269232 to 269236.

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Oct. 26, 1960.

269232. CARICA PAPAYA L. Papayaceae. **Papaya.**

Coorg Honey. I.C. 7494.

269233. HOLOPTELEA INTEGRIFOLIA (Roxb.) Planch. Ulmaceae. **India-elm.**

269234. PENNISETUM ALOPECUROIDES (L.) Spreng. Poaceae.

E.C. 8898.

269235. PENNISETUM ALOPECURUS Steud.

I.W. 1765.

269236. PENNISETUM RAMOSUM C.Sm.

E.C. 7068.

269237 to 269252. TRITICUM AESTIVUM L. Poaceae.**Common wheat.**

From Portugal. Seeds collected by W. Q. Loegering, World Small Grains Seed Collection, Plant Industry Station, Beltsville, Md.

Thought to be resistant to leaf-rust. Received Oct. 28, 1960.

269237. I. 834. Seleccao de Beladi 281s3. From Egypt.

269238. I. 835. Sel. de Tremes arroxeadado 782s1.

269239. I. 836. Sel. de Ruivo 769s3.

269240. I. 837. Sel. de Vermelho de barba preta 829s1.

269241. I. 38. Sel. de Raposinho 929s1.

269242. I. 839. Sel. de Damiano Chiena 1143s1. From Italy.

269243. I. 840. Sel. de Batisti 1151s1.

269244. I. 841. Sel. de Vila Gloria 1153s1. From Italy.

269245. I. 842. Sel. de Edda 1991s2.

269246. I. 843. Sel. de S. Giorgiaio 2252s1. From Italy.

269247. I. 844. Sel. de Faleria 43631s1. From Italy.

269248. I. 845. 'Barbaro 789'.

269249. I. 846. 'Castilla 1131'. From Spain.

269250. I. 847. 'Terenzio 17077'. From Italy.

269251. I. 848. EAP c 63 26127. From Tunisia.

269252. I. 849. 'Invaleable Navarro 63030'. From Spain.

269253. PIERIS JAPONICA (Thunb.) G. Don Ericaceae.

From Germany. Plants purchased from Herm. A. Hesse, Baumschulen, Weener. Numbered Oct. 31, 1960.

'Nana compacta'.

269254. MAHONIA REPENS (Lindl.) G. Don Berberidaceae.

From Canada. Plant growing at the Plant Introduction Station, Glenn Dale, Maryland. From Alpenglow Gardens, New Westminster, British Columbia, Canada. Numbered Oct. 31, 1960.

269255 to 269278.

From Japan. Seeds presented by P. H. Kubota, Nikko, Tochigi Prefecture. Received Oct. 31, 1960.

269255. *ILEX CRENATA* var. *FUKASAWANA* Makino Aquifoliaceae.

269256. *ILEX CRENATA* ssp. *RADICANS* (Nakai) Tatewaki

269257. *ILEX RUGOSA* Fr. Schmidt

269258. *ILEX SUGEROKI* var. *BREVIPELUNCULATA* (Maxim.) Ohwi

269259. *PRUNUS APETALA* (Sieb. & Zucc.) Franch & Savat. Amygdalaceae.

269260. *PRUNUS APETALA* var. *PILOSA* (Koidz.) Wilson

269261. *PRUNUS INCISA* var. *ONTAKENSIS* Koidz. & Kubota

269262. *PRUNUS INCISA* var. *TOMENTOSA* Koidz.

269263 and 269264. *PRUNUS INCISA* var. *YAMADEI* (Makino) Ohwi

269263. A.

269264. B.

269265. *PRUNUS MAXIMOWICZII* Rupr.

Miyama cherry.

269266 and 269267. *PRUNUS NIPPONICA* Mats.

269266. A. Nagano Pref.

269267. B.

269268. *PRUNUS SARGENTII* Rehder

Sargent cherry.

269269. *PRUNUS SARGENTII* f. *COMPTA* (Koidz.) Ohwi

269270. *PRUNUS SUBHIRTELLA* Miquel.

Higan cherry.

269271. *PRUNUS SUBHIRTELLA* Miquel.

Higan cherry.

269272 to 269274. *PRUNUS SYODOI* Nakai

269272. A. Flowers pink.

269273. B. Flowers pink.

269274. C.

269275. *PRUNUS TSCHONOSKII* Koehne

269276. *PRUNUS VERECUNDA* Koehne

269277. *VIBURNUM JAPONICUM* (Thunb.) Spreng. Caprifoliaceae.

269278. *VIBURNUM URCEOLATUM* var. *PROCUMBENS* Nakai

269279 to 269281.

From the Netherlands. Plants presented by the Byland Brothers, Boskoop. Received Nov. 1, 1960.

269279 and 269280. *CLEMATIS* (hybrids). Ranunculaceae.

269279. 'The Queen'.

269280. 'Fair Rosamond'.

269281 *CLEMATIS* sp.

'Montana Rubens Odorata'.

269282. COFFEA MAURITIANA Lam. Rubiaceae.

From the Island of Reunion. Seeds presented by the Services Agricoles de la Reunion. Received Nov 1, 1960.

269283 to 269287.

From India. Stolons and cuttings collected by J. R. Harlan, agricultural explorer, New Crops Research Branch, Plant Industry Station, Beltsville, Md. Received Nov. 1, 1960.

269283 to 269285. From the Indian Agricultural Research Institute, New Delhi.

269283. PANICUM ANTIDOTALE Retz. Poaceae.

Col. No. 1518. Partially male sterile plant for breeding programs.

269284. CENCHRUS CILIARIS L. Poaceae.

Col. No. 1518. Partially male sterile plant for breeding programs.

269285. SEHIMA NERVOSUM (Rottl.) Stapf Poaceae.

Col. No. 1520. Male sterile plant for breeding programs.

269286 and 269287. MANGIFERA INDICA L. Anacardiaceae. **Mango.**

269286. Col. No. 1517. 'Janardhan Pasand'.

269287. Col. No. 1516. 'Padari'.

269288. BIXA ORELLANA L. Bixaceae. **Anatto-tree.**

From Belgium. Seeds presented by the Institut National pour l'Etude Agronomique du Congo Belge, Station de Rubona, Ruanda-Urundi. Received Nov. 3, 1960.

269289 to 269292. BIXA ORELLANA L. Bixaceae. **Anatto-tree.**

From Ceylon. Seeds presented by the Division of Botany, Department of Agriculture, Peradeniya. Received Nov. 3, 1960.

269289. No. 1. Capsule small, light crimson.

269290. No. 2. Capsule small, round, green.

269291. No. 3. Capsule small, orange.

269292. No. 4. Capsule dark crimson.

269293 to 269303.

From Germany. Plants purchased from Joh. Bruns, Baumschulen, Bad Zwischenahn. Received Nov. 3, 1960.

269293. COTONEASTER DAMMERSI Schneider Malaceae.

'Skogsholmen'.

269294. PICEA ABIES (L.) Karst. Pinaceae.

Norway spruce.

'Columnaris'.

269295 and 269296. PINUS MUGO var. MUGHUS (Scop.) Ziemari

269295. 'Nana'. Type I.

269296. 'Nana'. Type II.

269297 and 269298. RHODODENDRON IMPEDIUM Balfour f. & W. W. Smith Ericaceae.

269297. 'Bad Zwischenahn'.

269298. 'Moerheim'.

269299. RHODODENDRON METTERNICHII Sieb. & Zucc.

Leatherleaf rhododendron.

'Metternianus'.

269300. RHODODENDRON PRZEWALSKII Maxim.

269301. RHODODENDRON RUFUM Batalin.

269302. RHODODENDRON (hybrid).

'Prometheus'.

269303. THUJA OCCIDENTALIS L.

'Pendula'.

269304. PIPER NIGRUM L. Piperaceae. Black pepper.

From Fiji. Cuttings presented by the Director of Agriculture, Suva. Received Nov. 4, 1960.

'Belantoeng'.

269305 to 269327.

From Sweden. Seeds presented by Saatzuchtanstalt Weibullsholm, Landskrona. Received Nov. 7, 1960.

269305 to 269307. ALLIUM CEPA L. Liliaceae. Onion.

269305. No. 747. 'Gul Lok, Weibulls Hybridlok'. Yellow onion.

269306. No. 758. 'Lok, Zittauer Gul'.

269307. No. 776. 'Rodlok, Braunschweiger'. Red onion.

269308 to 269310. BETA VULGARIS L. Chenopodiaceae. Beet.

269308 No. 11282. 'Egyptisk Platttrund'. Summer and winter variety.

269309. No. 1296. 'Good For All Rikssort'. Fall and winter variety.

269310. No. 1300. 'Spangsbjerg'. Fall and winter variety.

269311 to 269315. BRASSICA OLERACEA var. BOTRYTIS L. Brassicaceae. Cauliflower.

269311. No. 418. 'Atle Weibulls Orig'. Midseason variety.

269312. No. 431. 'Dominant'. Midseason variety.

269313. No. 464. 'Stor Dansk'. Early variety.

269314. No. 470. 'Stor Svensk'. Early to midseason variety.

269315. No. 476. 'Urania'. Early variety.

269316 to 269322. DAUCUS CAROTA L. Apiaceae. Carrot.

269316. No. 1024. 'Vertou'.

269317. No. 1026. 'London Torg'. Summer and winter variety.

269318. No. 1031. 'London Torg II'.

269319. No. 1036. 'Nantes'. Late summer and fall variety.

269320. No. 1058. 'Regulus'. Fall and winter variety.

269321. No. 1062. 'Regulus II'. Fall and winter variety.

269322. No. 9316. 'Amsterdamer'.

269323 to 269327. PHASEOLUS VULGARIS L. Fabaceae. Common bean.

269323. No. 42. 'Brytbona Delikat'. Very early variety.

269324. No. 54. 'Brytbona 100 for 1'. Early to midseason variety.

269325. No. 72. 'Brytbona Konserva II'. Early variety.

269326. No. 120. 'Vaxbona Dranbant'. Early to midseason variety.

269327. No. 125. 'Vaxbona Express'. Very early variety.

269328 to 269340.

From Great Britain. Plants purchased from Hillier & Sons, Winchester, Hants, England. Received Nov. 7, 1960.

269328. ABIES KAWAKAMII Hayata Pinaceae.

269329. ATHROTAXIS CUPRESSOIDES D. Don Pinaceae.

269330. CALLITRIS CUPRESSOIDES (L.) Kuntze Pinaceae.

269331. CUPRESSUS ARIZONICA Greene Pinaceae. Arizona cypress.

'Nana'.

268328 to 269340—Continued

269332 and 269333. *CUPRESSUS MACROCARPA* Hartw. Pinaceae.

269332. 'Donard Gold'.

269333. 'Minima'.

269334. *CUPRESSUS MACROCARPA* f. *LUTEA* (Webster) Rehder Pinaceae.

269335. *FOKIENIA HODGINSII* (Dunn) Henry & Thomas Pinaceae.

269336. *JUNIPERUS OXYCEDRUS* L. Pinaceae. Prickly juniper.

269337. *LIBOCEDRUS* sp. Pinaceae.

269338. *PHYLOCLADUS TRICHOMANOIDES* D. Don ex Lambert Caesalpinia-
ceae.

'Minor'.

269339. *PICEA ABIES* (L.) Karst. Pinaceae. Norway spruce.

'Humilis'.

269340. *PINUS GERARDIANA* Wall. ex Lamb. Pinaceae.

269341 to 269351.

From the Netherlands. Seeds presented by the Stichting Bosbouwproef-
station, Baarn. Received Nov. 7, 1960.

269341. *ACER ACUMINATUM* Wall. Aceraceae. Maple.

269342. *ACER* sp.

No. 1.

269343. *ACER* sp.

No. 2.

269344. *BETULA UTILIS* D. Don Betulaceae. Birch.

269345. *CLEMATIS* sp. Ranunculaceae.

269346. *EUONYMUS GRANDIFLORUS* Wall. ex Roxb. Celastraceae.

269347. *PRUNUS JACQUEMONTII* Hook f. Amygdalaceae.

269348. *SORBUS* sp. Malaceae.

269349. *SPIRAEA* sp. Rosaceae.

269350. *VIBURNUM FOETENS* Decne. Caprifoliaceae.

269351. *VITIS HIMALAYANA* (Royle) Brandis Vitaceae.

269352 to 269354. *CUCUMIS MELO* L. Cucurbitaceae.

Muskmelon.

From China. Seeds presented by G.K.C. Yeh, Chinese Ambassador to the
United States. From the garden of the Shah, Iran. Received Nov. 7,
1960.

Persian melons.

269352. No. 1. Garmsais dry farming.

269353. No. 2. Isfahan. Dastjerdi Borkhar.

269354. No. 3. Mashhad. Khaghani.

269355. *BIXA ORELLANA* L. Bixaceae.

Anatto-tree.

From Argentina. Seeds presented by Division of Plant Exploration and Intro-
duction, Ministry of Agriculture, Buenos Aires. Received Nov. 8, 1960.

269356 and 269357.

From France. Cuttings presented by F. Delaunay, Angers. Received Nov. 8,
1960.

269356. *EUONYMUS LINEARIFOLIUS* Franch. Celastraceae.

269357. *PYRACANTHA* sp. Malaceae.

269358 to 269414.

From Afghanistan. Seeds collected by J. R. Harlan, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received Nov. 9, 1960.

269358 and 269359. AVENA FATUA L. Poaceae. **Wild oats.**

269358. Col. No. 355. Kandahar. Seeds red.

269359. Col. No. 390. Mountains 46 km. east of Bamian.

269360. AVENA SATIVA L. **Common oats.**

Col. No. 384. 'Yalov'. Field, 32 km. west of Bamian. Cultivated.

269361 and 269362. AELUROPUS MACROSTACHYUS Hack. Poaceae.

269361. Col. No. 333. Sand dunes 74 km. west of Kandahar. Small tufts.

269362. Col. No. 348. Experiment Station, Marja. Mat-forming grass about 15 cm. high; extremely salt tolerant.

269363. AGROPYRON ELONGATUM (Host) Beauv. Poaceae. **Tall wheatgrass.**

Col. No. 395. Irrigation ditch, Ghazni. Plant one meter high.

269364. BOTHRIOCHLOA ISCHAEMUM (L.) Keng Poaceae. **King's Ranch bluestem.**

Col. No. 377. Irrigated field in canyon 80 km. north of Kabul.

269365 and 269366. CITRULLUS COLOCYNTHIS (L.) Schard Cucurbitaceae. **Colocynth.**

269365. Col. No. 335. Desert, 39 km. west of Kandahar. Plant small, trailing; leaves incised.

269366. Col. No. 398. Gravelly desert, 102 km. east of Kabul. Vines cover area 4.5 meters in diameter.

269367 and 269368. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**

269367. Col. No. 341. Girishk store. Fruit elongate, about 35 cm. by 20 cm; flesh pale-greenish; flavor bananalike.

269368. Col. No. 342. Girishk store. Fruit globular, 25 cm. diameter; skin smooth, yellow and green striped; flesh green; flavor excellent.

269369. CYMBOPOGON SCHOENANTHUS (L.) Spreng. Poaceae. **Camel-hay.**

Col. No. 337. Desert wash, 17 km. south of Kajakai Dam. Plants in large clumps; stalks to one meter high; leaves to 20 cm. long.

269370. CYNODON sp. Poaceae.

Col. No. 346. Irrigated waste ground, Lashkar Gah. Plants large, blue, brittle; head large; seeds many.

269371 and 269372. CYNODON DACTYLON (L.) Pers. **Bermudagrass.**

269371. Col. No. 347. Irrigated waste ground, Lashkar Gah. Mixture of intermediate types.

269372. Col. No. 356. Bank or irrigation ditch 10 km. south of Kanderhar. Plants tall, vigorous.

269373. DAUCUS sp. Apiaceae.

Col. No. 366. Fifteen km. north of Ghazni. Plant seven dm. high.

269374. ERIANTHUS RAVENNAE (L.) Beauv. Poaceae. **Ravenna grass.**

Col. No. 344. Wet wasteland, Lashkar Gah. Bunchgrass to 18 cm. high.

269375. EUCALYPTUS sp. Myrtaceae.

Col. No. 401. Jalalabad garden. Tree 10 meters high; branches pendant; leaves narrow, lanceolate or phylodes; fruit in clusters, interrupted on branches.

269358 to 269414—Continued

269376. *FESTUCA ARUNDINACEA* Schreb. Poaceae. Tall fescue.
Col. No. 361. Fields and irrigation ditch banks, Ghazni.
- 269377 to 269380. *HORDEUM VULGARE* L. Poaceae. Barley.
269377. Col. No. 386. Irrigated field in canyon 27 km. east of Bamian. Naked.
269378. Col. No. 387. Canyon, 23 km. east of Bamian. Naked.
269379. Col. No. 388. Irrigated field, 31 km. east of Bamian.
269380. Col. No. 389. Canyon, 46 km. east of Bamian.
269381. *IRIS* sp. Iridaceae.
Col. No. 323. Desert, 27 km. south of Kabul. Leaves long, slender.
269382. *IRIS* sp.
Col. No. 383. Wet meadow in canyon, 23 km. west of Bamian. Plants vigorous.
269383. *LACTUCA* sp. Cichoriaceae.
Col. No. 320. Canyon, 37 km. south of Kabul. Leaves small; flowers blue.
269384. *CICHORIUM INTYBUS* L. Cichoriaceae. Chicory.
Col. No. 354. Waste ground, Kandahar. Plant one meter high; flowers blue.
269385. *LOLIUM RIGIDUM* Gaud. Poaceae. Wimmera ryegrass.
Col. No. 330. Desert, 27 km. west of Kandahar.
269386. *LOLIUM PERSICUM* Bois. & Hohem.
Col. No. 360. Irrigated field, Ghazni. Plant one meter high; spikelets very large.
- 269387 and 269388. *MEDICAGO SATIVA* L. Fabaceae. Alfalfa.
269387. Col. No. 359. Irrigated field, 95 km. north of Mukur. Hay type; flowers deep blue.
269388. Col. No. 373. Steep canyon side near irrigated field, 80 km. north of Kabul.
269389. *MISCANTHUS* sp. Poaceae.
Col. No. 397. Permanently wet site in Kabul River canyon, 75 km. east of Kabul.
269390. *PANICUM ANTIDOTALE* Retz. Poaceae.
Col. No. 402. Slopes of Khyber Pass, 80 km. east of Jalalabad. Plant to 1.8 meter high, well grazed.
269391. *PENNISSETUM ORIENTALE* (L.) Rich.
Col. No. 338. Dry, rocky cliffs at Kajakai Dam. Bunchgrass to one meter high.
269392. *POA PRATENSIS* L. Poaceae. Kentucky bluegrass.
Col. No. 362. Fields and irrigation ditch bank, Ghazni.
269393. *POGONATHERUM* sp. Poaceae.
Col. No. 345. Bank of irrigation ditch, Lashkar Gah. Plant 18 dm. high, harsh.
269394. *PRUNUS ARMENIACA* L. Amygdalaceae. Apricot.
Col. No. 371. 'Zardalu Amiri'. Kabul bazaar. Fruit large, peach size, 12 fruits weighed two kg; flavor good; color pale yellow.

269358 to 269414—Continued

- 269395.** *PRUNUS CERASUS* L. **Sour cherry.**
Col. No. 315. Kabul bazaar. Fruit red, sour, keeps extremely well.
- 269396.** *SANGUISORBA MINOR* Scop. Rosaceae. **Small burnet.**
Col. No. 367. Fifteen km. north of Ghazni. Plant small; heavily grazed.
- 269397 and 269398.** *SECALE CEREALE* L. Poaceae. **Rye.**
269397. Col. No. 358. Twenty km. south of Mukur.
269398. Col. No. 391. Canyon 46 km. east of Bamian.
- 269399 to 269401.** *SORGHUM MILIACEUM* (Roxb.) Snowden Poaceae.
269399. Col. No. 326. Park near International Corporation Administration guest house, Kandahar. Plant vigorous.
269400. Col. No. 353. Vegetable garden, Kandahar. Plant about two meters high; panicles open, whorled.
269401. Col. No. 400. Jalalabad garden. Plant 1.5 meters high.
- 269402.** *STIPA* sp. Poaceae.
Col. No. 364. Gravelly desert hills, eight km. north of Ghazni. Plant 60 cm. high.
- 269403.** *STIPA* sp.
Col. No. 393. Near top of pass, 48 km. east of Bamian.
- 269404.** *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**
Col. No. 378. Irrigated field, 80 km. north of Kabul.
- 269405.** *TRIFOLIUM REPENS* L. **Whiteclover.**
Col. No. 385. Near Bamian hotel. Small to intermediate type.
- 269406.** *HORDEUM BOGDANII* Wilensky Poaceae.
Col. No. 381. Field, 80 km. north of Kabul. Plant one meter high; stalk red; spike slender.
- 269407 to 269410.** *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**
269407. Col. No. 322. Mountains 37 km. south of Kabul.
269408. Col. No. 357. Twenty km. south of Mukur.
269409. Col. No. 379. Irrigated field, 80 km. north of Kabul.
269410. Col. No. 392. Canyon, 46 km. east of Bamian.
- 269411.** *VITEX AGNUS-CASTUS* L. Verbenaceae. **Lilac chaste-tree.**
Col. No. 331. Plateau 66 km. west of Kandahar. Plant 1.5 meters high; flowers blue.
- 269412.** *VITIS VINIFERA* L. Vitaceae. **European grape.**
Col. No. 370. Kabul bazaar. Fruit medium size, blue.
- 269413.** *ZEA MAYS* L. Poaceae. **Corn.**
Col. No. 394. 'Jawari'. Used for corn bread.
- 269414.** *ZIZYPHUS* sp. Rhamnaceae.
Col. No. 352. Desert, 85 km. east of Lashkar Gah. Thorny desert shrub 1.5 meters high.

269415 to 269604.

From Pakistan. Seeds collected by J. R. Harlan, agricultural explorer, Crops Research Division, Crops Research Division, Beltsville, Md. Received Nov. 14, 1960.

Seeds unless otherwise noted.

269415 to 269604—Continued

- 269415 to 269424. *ALLIUM CEPA* L. Liliaceae. **Onion.**
 269415. Col. No. 524. 'Piaste'. Mangora village bazaar, Swat.
 269416. Col. No. 638. Gilgit garden.
 269417. Col. No. 648. Gilgit garden.
 269418. Col. No. 673. Nomal. From Kashgar, China.
 269419. Col. No. 700. Nomal.
 269420. Col. No. 723. Sher-Jila.
 269421. Col. No. 730. Singal orchard. Elevation 2,100 meters.
 269422. Col. No. 843. Garden, Mastuj.
 269423. Col. No. 968. Chamagar.
 269424. Col. No. 1002. Dumont.
- 269425 and 269426. *ALLIUM SATIVUM* L. **Garlic.**
 269425. Col. No. 492. Kohala, 46 km. north of Muree. Elevation 750 meters. Warm enough for bananas in canyon bottom; cool near top (cloves).
 269426. Col. No. 640. Gilgit garden (cloves).
- 269427 to 269429. *ANETHUM GRAVEOLENS* L. Apiaceae. **Dill.**
 269427. Col. No. 632. Gilgit garden.
 269428. Col. No. 661. Hunza River bank, 31 km. upstream from Gilgit. Elevation 1,500 meters.
 269429. Col. No. 732. Singal orchard. Elevation 2,100 meters.
269430. *ASPARAGUS* sp. Convallariaceae.
 Col. No. 591. Steep slopes, Murree road. Elevation 755 meters. Plants slender, bluish; fruits green.
269431. *BRASSICA CAMPESTRIS* var. *SARSON* Prain Brassicaceae. **Sarson.**
 Col. No. 581. Kohala, 45 km. north of Murree.
269432. *BRASSICA JUNCEA* (L.) Coss. **Chinese mustard.**
 Col. No. 983. Dorat.
269433. *BRASSICA OLERACEA* var. *CAPITATA* L. **Cabbage.**
 Col. No. 978. Dorat.
- 269434 and 269435. *BRASSICA CAMPESTRIS* L. **Bird rape.**
 269434. Col. No. 985. Dumont.
 269435. Col. No. 1000. Dumont.
- 269436 to 269438. *BRASSICA PEKINENSIS* (Lour.) Rupr. **Chinese cabbage.**
 269436. Col. No. 641. Gilgit garden, from Kashgar, China.
 269437. Col. No. 666. Nomal, from Kashgar, China.
 269438. Col. No. 942. Nalta. Elevation 3,300 meters.
- 269439 to 269446. *BRASSICA RAPA* L. **Turnip.**
 269439. Col. No. 432. Hangu bazaar.
 269440. Col. No. 450. Thal bazaar.
 269441. Col. No. 587. Kohala, 45 km. north of Murree.
 269442. Col. No. 651. Gilgit garden.
 269443. Col. No. 654. Gilgit garden.
 269444. Col. No. 678. Nomal.

269415 to 269604—Continued**269438 to 269446—Continued**

269445. Col. No. 731. Singal orchard. Elevation 2,100 meters.
269446. Col. No. 976. Dorat.
269447. *BRASSICA CAMPESTRIS* L. **Bird rape.**
Col. No. 452. Thal bazaar.
269448. *BRASSICA JUNCEA* (L.) Coss. **Chinese mustard.**
Col. No. 495. 'Or'. Kohala, 46 km. north of Murree. Elevation 750 meters.
269449. *BRASSICA NAPUS* L. **Rape.**
Col. No. 589. 'Karamb'. Kohala, 45 km. north of Murree.
269450. *BRASSICA CAMPESTRIS* var. *SARSON* Prain **Sarson.**
Col. No. 658. Gilgit garden.
- 269451 and 269452. *BRASSICA CAMPESTRIS* L. **Bird rape.**
269451. Col. No. 701. Nomal, from Kashgar, China.
269452. Col. No. 717. Sher-Jila.
269453. *BRASSICA* sp.
Col. No. 925. 'Hazir-gar'. Ishkuman.
- 269454 to 269458. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
269454. Col. No. 426. Hangu bazaar.
269455. Col. No. 493. Kohala, 46 km. north of Murree. Elevation 750 meters. Fruit small, red.
269456. Col. No. 727. Sher-Jila.
269457. Col. No. 734. Singal orchard. Elevation 2,100 meters.
269458. Col. No. 857. Mastuj garden. Plants 30 cm. high; fruits hot.
- 269459 to 269461. *CICHORIUM INTYBUS* L. Cichoriaceae. **Chicory.**
269459. Col. No. 691. Along terraces and ditchbanks. Normal. Flowers blue.
269460. Col. No. 712. Terraced field, 26 km. above Gilgit. Plants one meter high; flowers blue.
269461. Col. No. 742. Damas. Elevation 2,200 meters.
- 269462 and 269463. *LUFFA ACUTANGULA* (L.) Roxb. Cucurbitaceae.
269462. Col. No. 428. 'Tor-oy'. Hangu bazaar.
269463. Col. No. 501. 'Tor-oy'. (Pushtu). Mangora village bazaar, Swat.
- 269464 to 269466. *CITRULLUS LANATUS* (Thunb.) Mansf. **Watermelon.**
269464. Col. No. 510. 'Tarbriza'. Mangora village bazaar, Swat.
269465. Col. No. 649. Gilgit garden.
269466. Col. No. 931. Gilgit.
- 269467 to 269473. *CORIANDRUM SATIVUM* L. Apiaceae. **Coriander.**
269467. Col. No. 420. 'Daniah'. Hangu bazaar.
269468. Col. No. 498. 'Daneyat'. Kohala, 46 km. north of Murree. Elevation 750 meters.
269469. Col. No. 561. Dan-i-ya. Karora.
269470. Col. No. 670. Nomal.
269471. Col. No. 728. Sher-Jila.

269415 to 269604—Continued**269467 to 269473—Continued**

269472. Col. No. 921. Ishkuman.

269473. Col. No. 984. 'Naski'. Dorat.

269474 to 269479. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

269474. Col. No. 503. 'Kharbozey'. Mangora village bazaar, Swat.

269475. Col. No. 636. Gilgit garden, from Kashgar, China.

269476. Col. No. 677. Nomal, from Kashgar, China.

269477. Col. No. 707. Gilgit garden. Fruits depressed globe, yellow with pale green stripes.

269478. Col. No. 724. Sher-Jila.

269479. Col. No. 932. Gilgit.

269480 to 269482. CUCUMIS SATIVUS L. Cucumber.

269480. Col. No. 427. Hangu bazaar.

269481. Col. No. 523. 'Kira'. Mangora village bazaar, Swat.

269482. Col. No. 650. Gilgit garden.

269483 and 269484. CUCURBITA MAXIMA Duchesne Cucurbitaceae.**Squash.**

269483. Col. No. 425. 'Petah'. Hangu bazaar.

269484. Col. No. 509. 'Kadu'. Mangora village bazaar, Swat.

269485 to 269488. DAUCUS CAROTA L. Apiaceae.**Carrot.**

269485. Col. No. 424. 'Gajer'. Hangu bazaar.

269486. Col. No. 633. Gilgit garden.

269487. Col. No. 846. Mastuj garden.

269488. Col. No. 915. Eighteen km. above Drosh. Plant 60 cm. high; stems branching.

269489. FICUS OLIGODON Miquel Moraceae.

Col. No. 565. Below Martung. Tree to 12 meters high.

269490. FICUS sp.

Col. No. 628. Walnut orchard, north slope Babusar Pass. Elevation 2,400 meters. Tree to 13 meters high, fairly hardy; fruit small.

269491. FICUS sp.

Col. No. 729. Singal orchard, 65 km. above Gilgit. Elevation 2,100 meters. Tree dense; leaves slightly lobed.

269492. FICUS sp.

Col. No. 887. 'Kakhozi'. Twenty-two km. above Chitral. Tree eight meters high; fruits small.

269493. FRAGARIA sp. Rosaceae.

Col. No. 602. Barrier 43 km. above Balakot. Plants 10 cm. high; leaves small.

269494 and 269495. HIBISCUS ESCULENTUS L. Malvaceae.**Okra.**

269494. Col. No. 513. 'Beardi'. Mangora village bazaar, Swat.

269495. Col. No. 553. 'Bern-di'. Chakesar, Swat.

269496 and 269497. JUGLANS REGIA L. Juglandaceae.**Persian walnut.**

269496. Col. No. 720. Sher-Jila.

269497. Col. No. 760. Gupis. Elevation 2,320 meters.

269415 to 269604—Continued

- 269498 to 269501. *LACTUCA SATIVA* L. Cichoriaceae. **Lettuce.**
 269498. Col. No. 639. Gilgit garden.
 269499. Col. No. 849. Mastuj garden.
 269500. Col. No. 850. Mastuj garden.
 269501. Col. No. 851. Mastuj garden.
269502. *SONCHUS OLERACEUS* L. Cichoriaceae.
 Col. No. 852. Mastuj garden.
- 269503 and 269504. *LACTUCA SATIVA* L. **Lettuce.**
 269503. Col. No. 856. Mastuj garden.
 269504. Col. No. 859. Mastuj garden.
- 269505 to 269508. *LAGENARIA LEUCANTHA* (Duchesne) Rusby. Cucurbitaceae. **Calabash gourd.**
 269505. Col. No. 429. Hangu bazaar.
 269506. Col. No. 443. 'Kadu'. Thal bazaar.
 269507. Col. No. 519. 'Kadu'. Mangora village bazaar, Swat. Fruit 7.5 km. long, five to 20 cm. in diameter.
 269508. Col. No. 655. Gilgit garden.
- 269509 to 269511. *LENS CULINARIS* Medic. Fabaceae. **Lentil.**
 269509. Col. No. 891. Chitral.
 269510. Col. No. 936. Lower Nalta.
 269511. Col. No. 992. Dumont.
- 269512 to 269514. *LYCOPERSICON ESCULENTUM* Mill. Solanaceae. **Tomato.**
 269512. Col. No. 422. Hangu bazaar.
 269513. Col. No. 662. Nomal.
 269514. Col. No. 981. Dorat.
- 269515 to 269517. *MOMORDICA CHARANTIA* L. Cucurbitaceae. **Balsam-pear.**
 269515. Col. No. 433. Hangu bazaar.
 269516. Col. No. 512. 'Ben-dole'. Mangora village bazaar, Swat.
 269517. Col. No. 590. Kohala, 45 km. north of Murree. Fruits 7.5 to 12.5 cm. long, five to 7.5 cm. in diameter; nubby.
- 269518 and 269519. *PHASEOLUS ACUTIFOLIUS* Gray Fabaceae.
 269518. Col. No. 554. 'Koolat'. Chakesar, Swat.
 269519. Col. No. 579. Kohala, 46 km. north of Murree. Elevation 755 meters. Bananas grow on canyon floor; cool temperatures prevail at top.
269520. *PHASEOLUS MUNGO* L. **Urd.**
 Col. No. 497. 'Mash'. Kohala, 46 km. north of Murree. Elevation 750 meters.
269521. *PHASEOLUS AUREUS* Roxb. **Mung bean.**
 Col. No. 514. 'Churta-Marsh'. Mangora village bazaar, Swat.
269522. *PHASEOLUS MUNGO* L. **Urd.**
 Col. No. 520. 'Mash'. Mangora village bazaar, Swat.
- 269523 to 269525. *PHASEOLUS AUREUS* Roxb. **Mung bean.**
 269523. Col. No. 890. Chitral.
 269524. Col. No. 899. 'Mash'. Chitral bazaar.
 269525. Col. No. 907. Chitral field.

269415 to 269604—Continued

- 269526 to 260528. *PHASEOLUS MUNGO* L.
 269526. Col. No. 912. Birir.
 269527. Col. No. 998. 'Mash'. Dumont.
 269528. Col. No. 1008. Gunnaur.
- 269529 to 269539. *PHASEOLUS VULGARIS* L. Common bean.
 269529. Col. No. 417. Hangu bazaar.
 269530. Col. No. 448. Thal bazaar.
 269531. Col. No. 584. Kohala, 45 km. north of Murree.
 269532. Col. No. 608. Naran, third barrier on Balakot-Gilgit Road.
 Elevation 2,400 meters.
 269533. Col. No. 642. Gilgit garden.
 269534. Col. No. 652. Gilgit garden.
 269535. Col. No. 663. Nomal.
 269536. Col. No. 685. Nomal.
 269537. Col. No. 792. Pingal. Elevation 2,525 meters.
 269538. Col. No. 855. Mastuj garden. Pole type.
 269539. Col. No. 987. Dumont.
- 269540 *PHYSALIS ALKEKENGHII* L. Solanaceae. Strawberry groundcherry.
 Col. No. 919. Near Gakuch, Gilgit. Low-growing herb; fruits tomato-like, covered with brilliant red spathe.
269541. *PISTACIA* sp. Anacardiaceae.
 Col. No. 629. Banks of Indus River, three km. above Chalas. Tree small, very aromatic, sticky; seeds small.
269542. *PISTACIA* sp.
 Col. No. 743. Gilgit River canyon, nine km. above Damas. Elevation 2,200 meters. Tree well shaped; foliage dense.
- 269543 and 269544. *PISUM SATIVUM* L. Fabaceae.
 269543. Col. No. 431. Hangu bazaar.
 269544. Col. No. 854. Mastuj garden.
- 269545 to 269557. *PRUNUS AMYGDALUS* Batch Amygdalaceae. Almond.
 269545. Col. No. 645. Gilgit garden.
 269546. Col. No. 660. Hunza River, 31 km. upstream from Gilgit.
 Elevation 1,500 meters.
 269547. Col. No. 684. Nomal.
 269548. Col. No. 719. Sher-Jila.
 269549. Col. No. 755. Gupis. Elevation 2,320 meters.
 269550. Col. No. 772. River bank, 18 km. above Gupis. Tree eight meter high; leaves few; fruits small.
 269551. Col. No. 916. Drosh bazaar.
 269552. Col. No. 952. Gilgit.
 269553. Col. No. 954. Gilgit.
 269554. Col. No. 955. Gilgit.
 269555. Col. No. 956. Gilgit.
 269556. Col. No. 966. Chamagar.
 269557. Col. No. 971. Chamagar.

269415 to 269604—Continued

- 269558 to 269572. *PRUNUS ARMENIACA* L. Apricot.
 269558. Col. No. 665. Nomal. Bitter type.
 269559. Col. No. 675. Nomal.
 269560. Col. No. 694. Nomal.
 269561. Col. No. 722. Sher-Jila.
 269562. Col. No. 725. Sher-Jila.
 269563. Col. No. 744. Nine km. above Damas. Leaves few; fruit elongate.
 269564. Col. No. 747. Gilgit River canyon, nine km. above Damas. Elevation 2,200 meters. Tree eight km. high; fruit subglobose.
 269565. Col. No. 748. Gilgit River canyon, nine km. above Damas. Elevation 2,200 meters.
 269566. Col. No. 785. Near stream, 41 km. above Gupis. Tree to eight meters high.
 269567. Col. No. 793. Forty-four km. above Gupis. Fruits sun dried.
 269568. Col. No. 812. Singal. Elevation 2,775 meters. Fruits yellow and orange.
 269569. Col. No. 834. Mastuj orchard.
 269570. Col. No. 948. Gilgit. From Hunza.
 269571. Col. No. 949. Gilgit. From Hunza.
 269572. Col. No. 950. Gilgit. From Hunza.
- 269573 to 269580. *PRUNUS PERSICA* (L.) Batsch Peach.
 269573. Col. No. 445. Thal bazaar.
 269574. Col. No. 525. Mangora village bazaar, Swat. Fruits medium size, sweet, yellow with pink cheeks.
 269575. Col. No. 706. Nomal.
 269576. Col. No. 706B. Upper Hunza Valley. Fruit small, very sweet.
 269577. Col. No. 716. Sher-Jila.
 269578. Col. No. 930. Gilgit.
 269579. Col. No. 953. Gilgit.
 269580. Col. No. 965. Juglate farm. Wild type.
269581. *PRUNUS* sp.
 Col. No. 564. Alpurai, Swat. Tree to nine meters high; plum golden, sweet.
269582. *PRUNUS* sp.
 Col. No. 577. Upriver, near Ushu. Plant bush one meter high; fruit a red cherry.
269583. *PRUNUS* sp.
 Col. No. 787. Near stream, 41 km. above Gupis. Plants to 2.5 meters high. Fruit a cherry.
269584. *PRUNUS* sp.
 Col. No. 788. Forty-one km. above Gupis. Elevation 2,525 meters. Leaves small; fruit, a cherry.
269585. *PRUNUS* sp.
 Col. No. 884. Orchard north of Barenis, 55 km. above Chitral. Plum 25 mm. diameter, globose, good flavor.

269415 to 269604—Continued

269586. PRUNUS sp.

Col. No. 951. Kar Gar Valley. Fruit, a cherry.

269587 and 269588. PUNICA GRANATUM L. Punicaceae. Pomegranate.

269587. Col. No. 446. Thal bazaar.

269588. Col. No. 496. 'Anor'. Kohala, 46 km. north of Murree. Elevation 750 meters.

269589. RAPHANUS SATIVUS L. Brassicaceae. Radish.

Col. No. 430. Hangu bazaar.

269590. BRASSICA OLERACEA var. BOTRYTIS L. Brassicaceae. Cauliflower.

Col. No. 442. Thal bazaar.

269591 to 269597. RAPHANUS SATIVUS L. Brassicaceae. Radish.

269591. Col. No. 517. 'Muley'. Mangora village bazaar, Swat.

269592. Col. No. 549. 'Mi'. Chakesar, Swat.

269593. Col. No. 560. 'Muley'. Karora.

269594. Col. No. 583. Kohala, 45 km. north of Murree.

269595. Col. No. 634. Gilgit garden.

269596. Col. No. 637. Gilgit garden.

269597. Col. No. 672. Nomal.

269598. RUBUS sp. Rosaceae.

Col. No. 558. Path between Chakesar and Karora. Fruits large, succulent, sweet blackberry.

269599. RUBUS sp. Rosaceae.

Col. No. 886. Trail, 42 km. north of Chitral. Elevation 1,350 meters. Canes long, fairly erect; leaves large; fruits black when ripe, aggregates small; flavor good.

269600 and 269601. SOLANUM MELONGENA L. Solanaceae. Eggplant.

269600. Col. No. 423. Hangu bazaar.

269601. Col. No. 999. Dumont.

269602. SOLANUM sp.

Col. No. 600. Barrier, 43 km. above Balakot. Annual to 60 cm. high; foliage dense; fruits bright red.

269603 and 269604. VITIS VINIFERA L. Vitaceae. European grape.

269603. Col. No. 726. Sher-Jila.

269604. Col. No. 997. Dumont.

269605 to 269626.

From Great Britain. Plants purchased from H. G. Hillier & Sons, Winchester, Hants, England. Received Nov. 14, 1960.

269605. ACER CAMPBELLII Hook. f. & Thomas. Aceraceae. Maple.

269606. ACER PAXII Franch. Maple.

269607. ACER OSMASTONII Gamble. Maple.

269608. ACER TARONENSE Hand.-Mazz.

(Forrest 9059 or 2059.)

269609 and 269610. BUXUS SEMPERVIRENS L. Buxaceae. Common box.

269609. No. 7352.

269610. No. 7353. 'Myrtifolium'.

269605 to 269626—Continued

269611. CHAMAECYPARIS LAWSONIANA (Murray) Parl. Pinaceae.
Lawson falsecypress.
'Pena Park'.
269612. EUCRYPHIA BILLARDIERI Spach. Eucryphiaceae.
269613. EUCRYPHIA CORDIFOLIA Cav.
269614. EUCRYPHIA GLUTINOSA (Poepp. & Endl.) Ballion
269615. EUCRYPHIA × HILLIERI Ivens
'Winton'.
269616. EUCRYPHIA × INTERMEDIA Bausch
269617. EUCRYPHIA LUCIDA (Labill.) Baill.
'Milliganii'.
269618. EUCRYPHIA MOREII F. Muell.
269619. EUCRYPHIA × NYMANSAY Hort.
269620. ILEX PERADO Ait. Aquifoliaceae.
269621. ILEX FARGESII var. SCLEROPHYLLA Loes.
269622. ILEX GEORGEI Comber
269623. ILEX PLATYPHYLLA Webb & Berth.
269624. PODOCARPUS (hybrid). Taxaceae.
(*P. macrophyllus* var. *variegatus* × *P.* 'Pena'.)
269625. × SORBOCOTONEASTER POZDNJAKOVII Pjark. Malaceae.
(*Sorbus siberica* × *Cotoneaster melanocarpa*).
269626. ACER LAEVIGATUM Wall. Aceraceae.

269627 to 269629.

From the Republic of the Congo. Seeds presented by C. S. Stephanides, Leopoldville. Received Nov. 17, 1960.

269627. CITROPSIS ARTICULATA (Willd.) Swingle & Kellerman Rutaceae.
269628. CITROPSIS GILLETIANA Swingle & Kellerman
269629. CITROPSIS MIRABILIS Swingle & Kellerman
269630. ORYZA GLABERRIMA Steud. Poaceae.

From El Salvador. Seeds presented by the United States Operations Mission. Collected at Las Tres Ceibas, Departamento La Libertad, October 11, 1960.

Wild rice.

269631. TRITICUM AESTIVUM L. Poaceae. Common wheat.

From India. Seeds collected by L. Zeleny, Agricultural Marketing Service, Beltsville, Maryland. Received Nov. 17, 1960.

Punjab wheat; protein 9.9 percent.

269632 and 269633.

From Bermuda. Seeds presented by the Bermuda Botanical Gardens, Page East. Received Nov. 17, 1960.

269632. ALBIZZIA LEBBECK (L.) Benth. Mimosaceae. Lebbeck-tree.
269633. JUNIPERUS BERMUDIANA Linn. Pinaceae.
'Black Ebony'.

269634 to 269636. PHASEOLUS VULGARIS L. Fabaceae.**Common bean.**

From the Union of Soviet Socialist Republics. Seeds presented by the Institute of Plant Industry, Leningrad. Received Nov. 17, 1960.

269634. 'Chokhatauris 23'.

269635. 'Korichnevaya 403'.

269636. 'Tsilwanskaya 411'.

269637 to 269639.

From India. Seeds presented by the Botanical Survey of India, Calcutta. Received Nov. 17, 1960.

269637. HIBISCUS FICULNEUS L. Malvaceae.

269638. HIBISCUS MANIHOT L.

269639. LAGERSTROEMIA SPECIOSA (Muench.) Pers. Lythraceae.

Queen crapemyrtle.**269640 to 269643.**

From Indonesia. Seeds presented by Lembaga Hortus Botanicus Pusat, Bogor, Djawa. Received Nov. 17, 1960.

269640. LAFOENSIA PUNICAEFOLIA DC. Lythraceae

269641. LAGERSTROEMIA LOUDONII Teijsm. & Binn. Lythraceae.

269642. LAWSONIA INERMIS L. Lythraceae.

Henna.

269643. URENA LOBATA L. Malvaceae.

'Reticulata'.

269644 to 269650.

From Argentina. Seeds held at the United States Regional Plant Introduction Station, Ames, Iowa. Received Nov. 18, 1960.

269644. BROMUS MACRANTHOS Desv. Poaceae.

269645. ELYMUS ERIANTHUS R.A. Phil. Poaceae.

269646. ELYMUS sp.

269647. FESTUCA PALLESCENS (St. Yves) Parodi Poaceae.

269648. HORDEUM COMOSUM Presl. Poaceae.

269649. POA LANUGINOSA Poir. Poaceae.

269650. POA LIGULARIS (Nees) Steud.

269651 to 269667.

From India. Seeds presented by the Indian Agricultural Research Institute, New Delhi. Received Nov. 18, 1960.

269651. LAGENARIA SICERARIA (Mol.) Stand. Cucurbitaceae.

Calabash gourd.

Prolific summer variety; gourds long.

269652 to 269663. SOLANUM MELONGENA L. Solanaceae.

Eggplant.

269652. 'Black Beauty' I.C. 4384.

269653. 'Cluster Purple' I.C. 1692.

269654. E. C. 8973.

269655. 'Faizabad Long' I.C. 1417.

269656. 'Hyderpore'.

269657. I. C. 3500.

269658. I. C. 3508.

269651 to 269667—Continued**269652 to 269663—Continued**

269659. 'Pusa Purple Long'.
 269660. 'Pusa Purple Round'.
 269661. 'White Long'. I.C. 3509.
 269662. 'White Round'. E.C. 4233.
 269663. 'Wyned Giant'. I.C. 3517.

269664 to 269667. *VIGNA SINENSIS* (Torner) Savi Fabaceae. **Cowpea.**

269664. I.C. 3003.
 269665. I.C. 3338.
 269666. 'Pusa Barsali'.
 269667. 'Pusa Phalgun'.

269668 to 269674.

From Pakistan. Seeds collected by J. R. Harlan, agricultural explorer, Corps Research Division, Plant Introduction Station, Beltsville, Md. Received Nov. 18, 1960.

269668. *RICINUS COMMUNIS* L. Euphorbiaceae. **Castorbean.**

Col. No. 643. Gilgit garden.

269669. *ROSA* sp. Rosaceae.

Col. No. 594. Barrier between Nathia Gali and Abbottabad. Pine forest. Elevation 1,350 meters.

269670. *ROSA* sp.

Col. No. 746. Gilgit River canyon, nine km. above Damas. Elevation 2,200 meters. Plant two meters high, erect, thorny.

269671. *ROSA* sp.

Col. No. 774. Twenty km. above Gupis. Plant three meters high, erect, dense, thorny.

269672. *ROSA* sp.

Col. No. 784. Mountain 41 km. above Gupis. Elevation 2,250 meters. Plant to two meters high, erect, dense, thorny.

269673. *ROSA* sp.

Col. No. 813. Shandur Pass, border of Gilgit and Chitral. Elevation 3,900 meters. Dense, erect shrub.

269674. *ROSA* sp.

Col. No. 941. Nalta. Elevation 3,300 meters.

269675. *JUGLANS REGINA* L. Juglandaceae. **Persian walnut.**

From Yugoslavia. Seeds presented by the United States Operations Mission, Belgrade. Received Nov. 21, 1960.

269676 to 269681. *CITRULLUS LANATUS* (Thunb.) Mansf. Cucurbitaceae. **Watermelon.**

From British Honduras. Seeds presented by the United States Operations Mission, Belize. Received Nov. 21, 1960.

269676. 'Excell'. From Bomba.
 269677. 'Excell'. From Maskall.
 269678. 'Rattlesnake'. From Bomba.
 269679. 'Rattlesnake'. From Maskall.
 269680. 'Sweetheart'. From Bomba.
 269681. 'Tom Watson'. From Maskall and Bomba.

269682 and 269683. MANGIFERA INDICA L. Anacardiaceae.**Mango.**

From India. Cuttings collected by J. R. Harlan, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received Nov. 22, 1960.

269682. Col. No. 1642. 'Vanraj'. Poona Agricultural College, Poona.

269683. Col. No. 1643. 'Totapuri'. Poona Agricultural College, Poona. Probably synonymous with 'Salem Bangalore'.

269684 to 269726.

From countries indicated. Seeds held at the State College, Raleigh, North Carolina. Sources as indicated. Numbered Nov. 22, 1960.

269684 to 269723. ARACHIS HYPOGAEA L. Fabaceae.

Peanut.

269684 to 269686. Tanganyika.

269684. No. 230. 'Virginia Bunch Miniature'. H.g.-1-Hemingway. Mar. 1956.

269685. No. 231. 'Virginia Bunch'. Mwitunde Hemingway. Mar. 1956.

269686. No. 232. 'Virginia Bunch Spanish'. Kanyoma Hemingway. Mar. 1956.

269687 to 269707. Krapovickas. Argentina. Mar. 1956.

269687. No. 233. 'Chinese'. **269696.** No. 242. 'Chinese Spanish'.

269688. No. 234. 'Chinese Hybrid'. **269697.** No. 243. 'Virginia'.

269689. No. 235. 'Bunch Spanish'. **269698.** No. 244. 'Virginia'.

269690. No. 236. 'Virginia Spanish'. **269700.** No. 246. 'Virginia'.

269691. No. 237. 'Peruvian Valencia'. **269701.** No. 247. 'Virginia'.

269692. No. 238. 'Chinese'. **269702.** No. 248. 'Spanish Valencia'.

269693. No. 239. 'Chinese Spanish'. **269703.** No. 249. 'Peruvian Valencia'.

269694. No. 240. 'Chinese'. **269704.** No. 250. 'Virginia'.

269695. No. 241. 'Chinese Spanish'. **269705.** No. 251. 'Virginia Chinese'.

269696. No. 242. 'Chinese Spanish'. **269706.** No. 252. 'Virginia'.

269697. No. 243. 'Virginia'. **269707.** No. 253. 'Virginia'.

269698. No. 244. 'Virginia'. **269708.** No. 254. 'Virginia Spanish'. Woodhouse. Peru. Feb. 1955.

269699. No. 245. 'Virginia'. **269709 to 269723.** Japan Sept. 1956.

269700. No. 246. 'Virginia'. **269709.** No. 258. 'Spanish Virginia'. 'Pei Kang Pe You Don'.

269701. No. 247. 'Virginia'. **269710.** No. 259. 'Feng Lee Tai Kung Don', 'Virginia'.

269702. No. 248. 'Spanish Valencia'. **269711.** No. 260. 'Feng Lee You Don', 'Spanish'.

269703. No. 249. 'Peruvian Valencia'. **269712.** No. 261. 'Tsing Dao', 'Spanish'.

269704. No. 250. 'Virginia'. **269713.** No. 262. 'Tainan No. 1', 'Spanish'. Sept. 1956.

269705. No. 251. 'Virginia Chinese'. **269714.** No. 263. 'Fan Di No. 17', 'Spanish'.

269706. No. 252. 'Virginia'. **269715.** No. 264. 'Java Pure Line No. 21', 'Spanish'.

269707. No. 253. 'Virginia'. **269716.** No. 265. 'Lung Tan You Don', 'Spanish'.

269684 to 269726—Continued**269709 to 269723—Continued**

269720. No. 269. 'Tate Rakuda', 'Virginia Bunch'.

269721. No. 270. 'Kurume-Otsubu-Bansei No. 1', 'Virginia Bunch'.

269722. No. 271. 'Kurume-Otsubu-Bansei No. 2', 'Virginia Bunch'.

269723. No. 301. 'Virginia Red'. Israel. 1959.

269724 to 269726. ARACHIS MONTICOLA Krapovickas & Rigoni **Peanut.**
Argentina, 1954. 'Chinese'.

269724. No. 273.

269725. No. 278.

269726. No. 280.

269727. ORYZA LATIFOLIA Desv. Poaceae.

From Panama. Seeds presented by Rafael Rioboo, San Lorenzo. Received Nov. 22, 1960.

269728 and 269729. PHALARIS ARUNDINACEA L. Poaceae.

Reed canarygrass.

From the United States. Seeds held at the United States Regional Plant Introduction Station, Ames, Iowa. From the T.P. Kent farm, Flat Rock, Illinois. Received Nov. 22, 1960.

269728. No. 1. Dwarf type.

269729. No. 2. Plants tall, leafy, vigorous; southern type; poor seed producer; good cattle forage.

269730. LOTUS AUSTRALIS Andrews Fabaceae.

From New Caledonia. Seeds presented by the Commission du Pacifique Sud, Noumea. Received Nov. 22, 1960.

Growing wild on sandy coral beach.

269731. INDIGOFERA KIRILOWII Maxim. Fabaceae.

Kirilow indigo.

From Korea. Seeds presented by the Agricultural Experiment Station, Suwon. Received Nov. 22, 1960.

269732 to 269738.

From India. Rhizomes and cuttings collected by J. R. Harlan, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received Nov. 22, 1960.

Agricultural College, Poona.

269732 to 269737. MUSA sp. Musaceae.

269732. Col. No. 1637. 'Harichal'.

269733. Col. No. 1638. 'Kullan'.

269734. Col. No. 1641. 'Lal-welchi'.

269735. Col. No. 1636. 'Poovan'.

269736. Col. No. 1640. 'Rajapuri'.

269737. Col. No. 1639. 'Walha'.

269738. MANGIFERA INDICA L. Anacardiaceae.

Mango.

Col. No. 1644. 'Rumani'. Cuttings.

269739 and 269740.

From British West Indies. Seeds presented by the American Cocoa Research Institute, St. Vincent, unless otherwise noted. Received Nov. 23, 1960.

269739. *ALYSICARPUS VAGINALIS* (L.) DC. Fabaceae. Alyceclover.

Col. No. 113. 'Feed Weed'. Recumbent ground cover; soil poor.

269740. *THESPESIA POPULNEA* (L.) Soland. ex Correa. Malvaceae. Portiatree.

Col. No. 114. 'Seaside Moho'. From Antigua. Low-growing, shrubby tree; leaves glossy; flowers yellow. Possible ornamental.

269741 to 269758. *ZEA MAYS* L. Poaceae. Corn.

From the United States. Seeds held in storage at the United States Plant Introduction Station, Ames, Iowa. Numbered Nov. 23, 1960.

Missouri open-pollinated varieties.

269741. 'Quitman's White Dent'. From Northwest Missouri, via Quaker Oats Co., 1948.

269742. 'Rustlers White Dent'. From Cole County, 1949.

269743. 'Shoe Peg'. From W. T. Rieger, Dora via county agent 1955.

269744. 'Perkins Yellow Dent'. Source unknown, but it has been grown in Adair County for years; 90 day variety; grain dark yellow, may be high in yellow pigments.

269745. 'Knapp White'. Source unknown 1949.

269746. 'Commercial White'. Collected in Lamar, 1947.

269747. '90-Day White'. Source unknown.

269748. 'Ozark White'. From the Ozarks, 1948.

269749. 'Ladysmith's White Pearl'. From South America.

269750. 'Natal White Horsetooth'. From South America.

269751. 'American White Flint'. From South America.

269752. 'Big St. Charles White'. Source unknown. 1946.

269753. 'St. Charles White'. Grown by Poirot, Golden City, 1956.

North Dakota open-pollinated varieties.

269754. Bulk six. Yellow dent. Consists of 'Minn. 13' ('Haney'), 'Alta', 'Hoover', 'Idaho', 'Mustoe', 'Square Deal'.

269755. Bulk seven. White dent. Consists of 'Rustler' and 'Pioneer'.

269756. Bulk eight. Yellow dent. Consists of 'Commando', 'Early Golden', 'Hubbard', 'Hubbard Bantam', 'Golden Gem', 'Golden Bantam', 'Mitchell', 'Early June', 'Sunshine', 'Premorskoya'.

269757. Bulk nine. Yellow pop. 'Tom Thumb'.

269758. Bulk ten. White pop. 'Jap Hulless'.

269759. *CITROPSIS* sp. Rutaceae.

From Brazil. Seeds presented by the Instituto Agronomico, Piracicaba, Sao Paulo. Received Nov. 23, 1960.

269760 to 269826.

From Great Britain. Seeds presented by Unilever Limited, Colworth House, Sharnbrook, Bedford, England. Genotype collection, received Nov. 25, 1960.

269760 and 269761. *PISUM ELATIUS* Bieb. Fabaceae.

269760. Aa37. No. 30. Royal Botanic Gardens, Kew.

269761. Aa135. P. 86. Praha-Ruzyne. Leningrad Collection, Reading.

269760 to 269826—Continued

- 269762 and 269763. PISUM JOMARDII Schrank.
 269762. Aa38. No. 42. Royal Botanic Gardens, Kew
 269763. Aa86. P. 8. Percival Collection, Reading.
- 269764 to 269826. PISUM SATIVUM L.
 269764. Aa27. 'Witham Wonder'. Dwarf line 4. From Aalnarp, Sweden.
 269765. Aa30. 'Fruhe Niederige'. Dwarf line 1. From Aalnarp, Sweden.
 269766. Aa32. 'DeHaan 204.1'. Dwarf line 6. From Aalnarp, Sweden,
 269767. Aa33. 'Thibet 7'. Tall line 87. From Aalnarp, Sweden.
 269768. Aa34. 'Nilkons Extra Rapide'. Line 83. From Aalnarp, Sweden.
 269769. Aa35. 'DeWinton'. Tall line 48. From Aalnarp, Sweden.
 269770. Aa36. No. 29. Royal Botanic Gardens, Kew.
 269771. Aa39. No. 50. Royal Botanic Gardens, Kew.
 269772. Aa40. 'Dark Skinned Perfection'. Waxless rogue. Colworth House.
 269773 to 269802. From Percival Collection, Reading, England.
 269773. Aa82. P.3. 'Abyssinian'.
 269774. Aa83. P.4. 'Sankia'.
 269775. Aa84. P.5. 'Puski'.
 269776. Aa85. P.6. 'Khanaka'.
 269777. Aa87. P.9. 'Clamart' × 'Elatius'.
 269778. Aa88. P.11 1/2298 A. 'Daisy' × 'Mummy Bicolour'.
 269779. Aa89. P.12. 'Mummy White'.
 269780. Aa90. P.13. 'Mummy Bicolour'.
 269781. Aa91. P.14. 'French Sugar' × 'Mummy Bicolour'.
 269782. Aa92. P.15. Wild parents of 'Mummy' × 'Mummy Bicolour'.
 269783. Aa93. P.16. 'Golden Strawed' × 'Mummy Bicolour'.
 269784. Aa94. P.17. Wild parent of 'Mummy' (3869c) × 'Mummy Bicolour'.
 269785. Aa95. P.18. Wild parent of 'Mummy' × 'French Sugar'.
 269786. Aa96. P.10. Purple podded, green backed.
 269787. Aa97. P.22. 'Umbellata', white flowered acacia.
 269788. Aa98. P.23. 'Umbellata', purple flowered acacia.
 269789. Aa99. P.24. 'Tinc A Fleur Blanc', acacia, round.
 269790. Aa100. P.26. 'Brochette', round.
 269791. Aa101. P.27. 'Brochette', purple flowered.
 269792. Aa102. P.28. 'Golden Strawed'.
 269793. Aa103. P.30. 'Telephone', golden strawed.
 269794. Aa104. P.32. 'Amsterdam', grey, early capucin.
 269795. Aa105. P.33. Tall, early capucin.
 269796. Aa106. P.34. Tall, early capucin.
 269797. Aa107. P.35. Tall, grey capucin.

269760 to 269826—Continued**269773 to 269802—Continued**

269798. Aa108. P.39. Delicate green black eye.
 269799. Aa109. P.42. 'Native Chinese'.
 269800. Aa110. P.43. 'Gris de Printemps'.
 269801. Aa111. P.46. 'Acacia Leaved Purple Dwarf'.
 269802. Aa112. P.47. Dwarf, purple podded.

269803 to 269819. Leningrad Collection, Reading, England.

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| 269803. Aa113. P.51. | 269812. Aa128. P.76. |
| 269804. Aa117. P.59. | 269813. Aa129. P.78. |
| 269805. Aa118. P.60. | 269814. Aa130. P.80. |
| 269806. Aa119. P.61. | 269815. Aa131. P.82. |
| 269807. Aa120. P.62. | 269816. Aa132. P.83. |
| 269808. Aa123. P.70. | 269817. Aa133. P.84. |
| 269809. Aa124. P.71. | 269818. Aa134. P.85. |
| 269810. Aa125. P.72. | 269819. Aa136. P.87. |
| 269811. Aa127. P.74. | |

269820 to 269826. Colworth House.

269820. Aa148. 'William Massey', Line 1.
 269821. Aa149. 'William Massey', Line 3.
 269822. Aa172. Fasciate, dark skinned 'Perfection'.
 269823. Aa173. Fasciate, 'Harrisons Glory'.
 269824. Aa174. Fasciate, 'Kelvedon Wonder'. Cotyledons yellow.
 269825. Aa175. Fasciate, variety unknown.
 269826. Aa176. Fasciate, 'Onward'.

269827 to 269833.

From Ireland. Cuttings presented by the Earl of Rosse, Birr Castle, Birr, Offaly. Received Nov. 25, 1960.

269827. *HIBISCUS PARAMUTABILIS* L. H. Bailey Malaceae.
 269828. *HIBISCUS SINOSYRIACUS* L. H. Bailey
 269829. *VIBURNUM EROSUM* Thunb. Caprifoliaceae.
 Y.U. 15054.
 269830. *VIBURNUM OVATIFOLIUM* Rehder **Eggleaf viburnum.**
 269831. *VIBURNUM WILSONII* Rehder
 269832. *VIBURNUM* sp.
 S/P.Y.U. 13561.
 269833. *VIBURNUM* sp.
 S/P.Y.U. 14961.

269834 to 269836. *JUGLANS REGIA* L. Juglandaceae.**Persian walnut.**

From Yugoslavia. Cuttings presented by the United States Operations Mission, Belgrade. Received Nov. 28, 1960.

269834. No. 8.
 269835. No. 11.
 269836. No. 18.

269837. NANNORRHOPS RITCHIEANA (Griffith) Wendl. ex Aitchison Phoenicaceae. **Mazri palm.**

From Pakistan. Seeds presented by the Pakistan Forest Institute, Peshawar. Received Nov. 28, 1960.

269838 to 269840.

From Germany. Seeds presented by the Department of Cultivation of Marshlands. Research Station, Husum. Received Nov. 23, 1960.

269838. AGROSTIS STOLONIFERA L. Poaceae.

'Salzstrassgras'. Not fully maritime, but tolerates occasional flooding with sea water.

269839. FESTUCA RUBRA var. LITORALIS G. Meyer Poaceae.

'Standrotschwingel'. Good pasturegrass, forming thick carpet; tolerates occasional flooding with sea water, but not high humidity. Seeds are slow germinating.

269840. JUNCUS GERARDI Loisel. Juncaceae.

'Druckdahl', 'Harzgras'.

269841. BIXA ORELLANA L. Bixaceae. **Anatto-tree.**

From New Caledonia. Seeds presented by the South Pacific Commission, Noumea. Received Nov. 29, 1960.

SPC No. 1224.

269842 to 269858.

From Tunisia. Seeds presented by the United States Operations Mission, Tunis. Received Nov. 28, 1960.

269842. BRACHYPODIUM SYLVATICUM (Huds.) Beauv. Poaceae.

Fifteen km. north of Ain Draham; about 75 cm. annual rainfall. Plants slender; heads drooping; foliage light green.

269843 and 269844. AMPELODESMOS MAURITANICUS (Poir.) Dur. & Schinz Poaceae.

269843. Limestone outcroppings, hilltops and draws, 15 km. south of Beja. Foliage coarse, edges serrate; stands dense; good watershed protection, lightly grazed.

269844. Four km. west of Enfidaville.

269845. CUPRESSUS sp. Pinaceae.

'Tunis'. Tall, slender tree with branches to the ground. Windbreak in fairly dry areas.

269846 and 269847. DACTYLIS GLOMERATA L. Poaceae. **Orchardgrass.**

269846. Four km. west of Enfidaville. Plants well developed, moderately productive, dormant in August.

269847. Dry site 60 km. southwest of El Djem, with 20 cm. annual rainfall. Plant good forage producer; dormant in August.

269848. DACTYLIS GLOMERATA var. HISPANICA (Roth) Duby

Limestone soil, protected area above El Kef. Plants leafy, relatively tall.

269849. ERAGROSTIS PAPPOSA (Duf. ex R. & S.) Steud. Poaceae.

Dry hilltop 50 km. southwest of El Djem. Good forage producer in competition with *Dactylis*, *Stipa* and *Aristida*.

269850. FESTUCA ARUNDINACEA Schreb. Poaceae.

Tall fescue.

Protected area above El Kef. Annual rainfall 37 to 47 cm. Plants tall, leafy.

269851 and 269852. HYPARRHENIA HIRTA (L.) Stapf Poaceae.

269851. Shallow, rocky site 25 km. east of Tabarka.

269852. Fifteen km. north of Ain Draham. Annual rainfall 75 cm. Plants have wide ecological distribution.

269842 to 269858—Continued

269853. LOTUS sp. Fabaceae.

Protected area above El Kef; annual rainfall 35 to 48 cm. Plants productive; dormant.

269854 to 269857. ORYZOPSIS MILIACEA (L.) Benth. & Hook. Poaceae.

269854. Near Zaghovan. Annual rainfall 25 to 30 cm. Stems and foliage green, leafy; leaves wide.

269855. Dry site five km. south of Beja. Foliage not abundant; good seed producer. Has wide ecological distribution.

269856. Four km. west of Enfidaville.

269857. Limestone site in protected area above El Kef. Annual rainfall 37 to 45 cm. Plants to 75 cm. high, leafy.

269858. PHALARIS TRUNCATA Guss. Poaceae.

Roadside, five km. south of Beja. Perennial; stems coarse; leaves mostly basal; seeds shatter. Good ground cover.

269859 to 269861.

From Great Britain. Plants presented by John Waterer Sons & Crisp, Limited, Twyford, Berks, England. Received Nov. 28, 1960.

269859 and 269860. RHODODENDRON (hybrids). Ericaceae.

(*R. yakusimanum* × *R. 'Fabia'* var. 'Tangerine').

269859. 'Bombi'.

269860. No. 4310.

269861. RHODODENDRON (hybrid).

(*R. yakusimanum* × *R. 'Doncaster'*).

'Pink Cherub'.

269862 to 269945.

From Pakistan. Seeds collected by J. R. Harlan, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received Nov. 29, 1960.

269862. AGROPYRON SEMICOSTATUM (Steud.) Nees ex Boiss. Poaceae.

Col. No. 484. Pine-cedar forest, nine km. north of Murree. Elevation 1,807 meters.

269863. AGROPYRON sp.

Col. No. 604. Barrier, 43 km. above Balakot. Plant slender, one meter high.

269864. AGROPYRON sp.

Col. No. 798. Dry moraine, 57 km. above Gupis.

269865. AGROSTIS sp. Poaceae.

Col. No. 576. Kalam. Plants 60 cm. high.

269866. ALOPECURUS PRATENSIS L. Poaceae. **Meadow foxtail.**

Col. No. 625. Irrigated mountain meadow, north slope, Babusar Pass. Elevation 3,785 meters.

269867. ARISTIDA ADSCENSIONIS L. Poaceae.

Col. No. 527. Pine forests, rocky hills. Elevation 1,500 meters. Plants 45 cm. high.

269868 to 269870. AVENA FATUA L. Poaceae. **Wild oats.**

269868. Col. No. 794. Field, 50 km. above Gupis.

269869. Col. No. 808. Field, nine km. below Teru.

269870. Col. No. 819. Harchin. Elevation 3,000 meters.

269862 to 269945—Continued

- 269871 to 269875. *BETA VULGARIS* L. Chenopodiaceae. **Beet.**
 269871. Col. No. 421. Hangu bazaar.
 269872. Col. No. 507. Balek. Mangora village bazaar, Swat.
 269873. Col. No. 669. Nomal. From Kashgar, China. Sugar type.
 269874. Col. No. 698. Nomal. Sugar type.
 269875. Col. No. 920. Ishkuman.
269876. *BROMUS JAPONICUS* Thunb. Poaceae.
 Col. No. 529. Pine forests and rocky hills. Elevation 1,800 meters. Plants 45 cm. high.
269877. *BROMUS STENOSTACHYS* Boiss
 Col. No. 826. Rocky talus near mountain meadow, Teru, Gilgit.
269878. *CARTHAMUS* sp. Asteraceae.
 Col. No. 771. Dry rocky slope, three km. above Gupis.
269879. *CARTHAMUS TINCTORIUS* L. Asteraceae. **Safflower.**
 Col. No. 709. Three km. above Gilgit. Plants one meter high, used as hedge.
269880. *CHRYSOPOGON* sp. Poaceae.
 Col. No. 455. Roadside in wasteland, 10 km. southeast of Rawalpindi. Annual rainfall 87 cm. Slender stemmed bunchgrass.
- 269881 to 269883. *CICER ARIETINUM* L. Fabaceae. **Chickpea.**
 269881. Col. No. 447. Thal bazaar.
 269882. Col. No. 609. Chenah. Naran, third barrier on Balakot-Gilgit road. Elevation 2,400 meters. Usually eaten roasted.
 269883. Col. No. 845. Mastuj field.
- 269884 to 269886. *DACTYLIS GLOMERATA* L. Poaceae. **Orchardgrass.**
 269884. Col. No. 611. Naran, third barrier Balakot-Gilgit road. Elevation 2,400 meters.
 269885. Col. No. 623. Irrigated mountain meadow north slope Babusar Pass. Elevation 3,785 meters.
 269886. Col. No. 940. Nalta. Elevation 3,300 meters.
269887. *DACTYLIS* sp.
 Col. No. 533. Pine forests, rocky hills. Elevation 1,500 meters. Plants 45 cm. high.
269888. *DACTYLIS GLOMERATA* L. **Orchardgrass.**
 Col. No. 605. Barrier, 43 km. above Balakot.
269889. *DIGITARIA SANGUINALIS* (L.) Scop. Poaceae.
 Col. No. 412. Edge of ricefield, 26 km. east of Hangu.
269890. *ELYMUS DAHURICUS* Turcz. Poaceae.
 Col. No. 778. Hedgerow, 22 km. above Gupis. Elevation 2,400 meters.
269891. *ELYMUS* sp.
 Col. No. 837. Ditch bank, Mastuj. Bunchgrass one meter high.
269892. *ELYMUS DAHURICUS* Turcz.
 Col. No. 947. Nalta. Elevation 3,300 meters.
269893. *FAGOPYRUM ESCULENTUM* Moench. Polygonaceae. **Buckwheat.**
 Col. No. 569. 'Baru'. Ushu, Swat. Elevation 2,100 meters.

269862 to 269945—Continued

269894. *FESTUCA ARUNDINACEA* Schreb. Poaceae. Tall fescue.
Col. No. 676. Ditchbank, Nomal.
269895. *AGROPYRON STRIATUM* Nees
Col. No. 528. Pine forests and rocky hills. Elevation 1,500 meters.
Plants 45 cm. high.
- 269896 and 269897. *HETEROPOGON CONTORTUS* (L.) Beauv. ex Roem. & Schult. Poaceae.
269896. Col. No. 411. Edge of ricefield, 26 km. east of Hangu.
269897. Col. No. 481. Terraced hillside and pine forest, km. northeast of Rawalpindi. Elevation 1,200 meters. Upper limits of the species.
- 269898 to 269918. *HORDEUM VULGARE* L. Poaceae. Barley.
269898. Col. No. 418. Hangu bazaar.
269899. Col. No. 449. Thal Bazaar.
269900. Col. No. 539. 'Or Bishy Jo'. Chagai, Swat. Elevation 980 meters.
269901. Col. No. 547. 'Jo'. Chakesar, Swat.
269902. Col. No. 580. Kohala, 46 km. north of Murree. Elevation 755 meters.
269903. Col. No. 618. Edge of conifer forest, 11 km. above Naran. Elevation 2,400 meters.
269904. Col. No. 697. Nomal. Naked, blue.
269905. Col. No. 721. Sher-Jila. Naked, blue.
269906. Col. No. 763. Gupis. Elevation 2,320 meters. Naked.
269907. Col. No. 800. Sixty-seven km. above Gilgit. Elevation 2,700 meters. Naked.
269908. Col. No. 818. Nine km. below Shandur Pass, Chitral.
269909. Col. No. 823. Harchin.
269910. Col. No. 836. Mastuj. White.
269911. Col. No. 876. Reshun.
269912. Col. No. 880. Barenis.
269913. Col. No. 895. Chitral.
269914. Col. No. 900. Chitral.
269915. Col. No. 903. Chitral bazaar.
269916. Col. No. 927. Ishkuman. Naked, blue.
269917. Col. No. 929. Ishkuman. Naked.
269918. Col. No. 945. Nalta. Elevation 3,300 meters. Naked.
269919. *HORDEUM* sp.
Col. No. 825. Wet mountain meadow, 11 km. above Teru, Gilgit. Elevation 3,160 meters. Heads purple.
269920. *IMPERATA* sp. Poaceae.
Col. No. 1023. Nine km. east of Parachinar; first irrigated tract below town.
269921. *LATHYRUS SZOWITZII* Bois. Fabaceae.
Col. No. 820. Harchin. Elevation 3,000 meters. Vine; flowers blue.
269922. *LESPEDEZA* sp. Fabaceae.
Col. No. 1015. In forest, seven km. west of Parachinar.

269862 to 269945—Continued

- 269923 to 269925. *LINUM USITATISSIMUM* L. Linaceae. **Flax.**
 269923. Col. No. 646. Gilgit garden.
 269924. Col. No. 668. Nomal.
 269925. Col. No. 804. Sixty-seven km. above Gilgit. Elevation 2,700 meters.
269926. *MEDICAGO LUPULINA* L. Fabaceae. **Black medic.**
 Col. No. 799. Field, 65 km. above Gupis.
- 269927 to 269930. *MEDICAGO SATIVA* L. **Alfalfa.**
 269927. Col. No. 736. Singal field.
 269928. Col. No. 741. Damas. Elevation 2,200 meters.
 269929. Col. No. 780. Field, 40 km. above Gupis.
 269930. Col. No. 972. Chamagar.
269931. *MELILOTUS OFFICINALIS* (L.) Lam. Fabaceae. **Yellow sweetclover.**
 Col. No. 777. Hedgerow, 22 km. above Gupis.
269932. *MISCANTHUS* sp. Poaceae.
 Col. No. 630. Sand dunes, Gunner Farm, banks of Indus River. Elevation 1,265 meters.
- 269933 to 269936. *NICOTIANA TABACUM* L. Solanaceae. **Common tobacco.**
 269933. Col. No. 683. Nomal.
 269934. Col. No. 848. Mastuj field. Plants to 45 cm. high.
 269935. Col. No. 867. Buni field. Plants to 45 cm. high.
 269936. Col. No. 990. Dumont.
- 269937 to 269940. *ORYZA SATIVA* L. Poaceae.
 269937. Col. No. 536. 'Bara-Wali Jo'. Chagai, Swat. Elevation 980 meters.
 269938. Col. No. 538. 'Girba Jowal'. Chagai, Swat. Elevation 980 meters.
 269939. Col. No. 542. 'Kamodi'. Chagai, Swat. Elevation 980 meters.
 269940. Col. No. 861. Miragram, 28 km. below Mastuj, Buni trail.
- 269941 and 269942. *ORYZOPSIS COERULESCENS* (Desf.) Hack. Poaceae.
 269941. Col. No. 526. Rocky hill, two km. from Saidu, Swat. Plants to 45 cm. high.
 269942. Col. No. 601. Barrier, 43 km. above Balakot. Bunchgrass to one meter high.
- 269943 to 269945. *PANICUM ANTIDOTALE* Retz. Poaceae.
 269943. Col. No. 407. Thirty-two km. south of Peshawar.
 269944. Col. No. 439. Eight km. north of Thal.
 269945. Col. No. 454. Wasteland, 18 km. east of Indus River, road from Peshawar to Rawalpindi. Grazed.
- 269946 to 269951.**
- From Canada. Plants purchased from Eddie's Nurseries, Vancouver, British Columbia. Received Nov. 30, 1960.
- 269946 and 269947. *CORNUS NUTTALLII* Audub. ex Torr. & Gray Cornaceae. **Pacific dogwood**
 269946. No varietal name given.
 269947. 'Variegata'.

269946 to 269945—Continued

269948 and 269949. *ILEX AQUIFOLIUM* L. Aquifoliaceae. **English holly.**

269948. S1-1123.

269949. 'Pyramidalis'.

269950 to 269951. *PYRACANTHA* (hybrids). Malaceae.

269950. 'Edders Coral'.

269951. 'Kasan'.

269952. *COCCINEA* sp. Cucurbitaceae.

From South Africa. Plants collected by H. S. Gentry, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received Nov. 30, 1960.

Col. No. 18732. Worcester.

269953 to 270102.

From Pakistan. Seeds collected by J. R. Harlan, agricultural explorer, Crops Research Division, Plant Industry Station, Beltsville, Md. Received Dec. 2, 1960.

269953 to 269960. *PANICUM MILLACEUM* L. Poaceae. **Proso.**

269953. Col. No. 690. Nomal.

269954. Col. No. 752. Eighteen km. above Damas.

269955. Col. No. 754. Eighteen km. above Damas. Seeds yellow.

269956. Col. No. 805. Sixty-seven km. above Gilgit. Elevation 2,700 meters.

269957. Col. No. 833. Mastuj field.

269958. Col. No. 911. Birir, Kafferestan.

269959. Col. No. 974. Dorat.

269960. Col. No. 988. Dumont.

269961. *PENNISETUM ORIENTALE* (L.) Rich.

Col. No. 534. Pine forest, rocky hills. Elevation 1,200 meters. Plants to 45 cm. high.

269962. *POA STERILIS* Bieb. Poaceae.

Col. No. 574. Rocky ledge near Ushu. Plants to 60 cm high.

269963. *POA ANGUSTIFOLIA* L.

Col. No. 817. Irrigation ditch, nine km. below Shandur Pass, Chitral. Plants heavily grazed.

269964. *SECALE CEREALE* L. Poaceae. **Rye.**

Col. No. 878. Barenis, 55 km. above Chitral. Elevation 1,500 meters.

269965 and 269966. *SESAMUM INDICUM* L. Pedaliaceae. **Sesame.**

269965. Col. No. 644. 'Til'. Gilgit garden.

269966. Col. No. 715. Sher-Jila.

269967 to 269973. *SETARIA ITALICA* (L.) Beauv. Poaceae. **Foxtail millet.**

269967. Col. No. 753. Eighteen km. above Damas.

269968. Col. No. 803. Sixty-seven km. above Gilgit. Elevation 2,700 meters. Italian millet.

269969. Col. No. 847. Mastuj field. Italian millet.

269970. Col. No. 866. Buni.

269971. Col. No. 910. Near Birir, Kafferistan.

269972. Col. No. 934. Lower Nalta. Elevation 2,400 meters.

269973. Col. No. 975. Dorat.

269953 to 270102—Continued

- 269974 and 269975. *SORGHUM HALEPENSE* (L.) Pers. Poaceae. **Johnsongrass.**
 269974. Col. No. 631. Sand dunes, Gunnar Farm, banks of Indus River. Elevation 1,265 meters.
 269975. Col. No. 896. Steep rock slope, Chitral. Plants to one meter high.
- 269976 and 269977. *SORGHUM BICOLOR* (L.) Moench.
 269976. Col. No. 410. Edge of ricefield, 26 km. east of Hangu.
 269977. Col. No. 511. 'Neri'. Mangora village bazaar, Swat.
- 269978 and 269979. *TRIFOLIUM PRATENSE* L. Fabaceae. **Red clover.**
 269978. Col. No. 624. Irrigated mountain meadow, north slope, Babusar Pass. Elevation 3,785 meters. Plants robust.
 269979. Col. No. 882. Barenis.
- 269980 to 269983. *TRIFOLIUM REPENS* L. **Whiteclover.**
 269980. Col. No. 571. Near Ushu, Swat. Plants to four cm. high.
 269981. Col. No. 622. Irrigated mountain meadow, north slope, Babusar Pass. Elevation 3,785 meters.
 269982. Col. No. 786. Near stream, 41 km. above Gupis. Elevation 2,525 meters. Grazed.
 269983. Col. No. 816. Irrigation ditch, nine km. below Shandur Pass, Chitral. Plants low growing, grazed.
- 269984 to 269989. *TRIFOLIUM RESUPINATUM* L. **Persian clover.**
 269984. Col. No. 842. Mastuj field. High elevation.
 269985. Col. No. 868. Buni.
 269986. Col. No. 874. Reshun.
 269987. Col. No. 918. Drosh bazaar.
 269988. Col. No. 924. 'Rish Ka'. Ishkuman.
 269989. Col. No. 970. 'Shaftal'. Chamagar.
269990. *TRIFOLIUM REPENS* L.
 Col. No. 614. Dry, rocky rangeland in mountains, 96 km. above Balakot. Heavily grazed.
269991. *TRIFOLIUM* sp.
 Col. No. 1003. Dumont.
- 269992 to 269996. *TRIGONELLA FOENUM-GRÆCUM* L. Fabaceae. **Fenugreek.**
 269992. Col. No. 505. 'Mal Khosi'. Mangora village bazaar, Swat.
 269993. Col. No. 585. Kohala, 45 km. north of Murree.
 269994. Col. No. 613. 'Meti'. Naran, third barrier on Balakot-Gilgit road.
 269995. Col. No. 653. Gilgit garden.
 269996. Col. No. 667. Nomal.
- 269997 to 270051. *TRITICUM AESTIVUM* L. Poaceae. **Common wheat.**
 269997. Col. No. 416. Hangu bazaar.
 269998. Col. No. 441. Thal bazaar.
 269999. Col. No. 502. Gandom. Mangora village bazaar, Swat.
 270000. Col. No. 537. 'Schnow Gandom'. Chagai, Swat. Elevation 980 meters.

269953 to 270102—Continued**269997 to 270051—Continued**

270001. Col. No. 543. 'Doga'. Chagai, Swat. Elevation 980 meters.
270002. Col. No. 555. 'Gandom'. Chakesar, Swat.
270003. Col. No. 562. Karora.
270004. Col. No. 568. Ushu, Swat. Elevation 2,100 meters.
270005. Col. No. 656. 'Red Kamsereti'. Gilgit.
270006. Col. No. 657. 'White Kamsereti'. Gilgit.
270007. Col. No. 682. Nomal.
270008. Col. No. 688. Nomal.
270009. Col. No. 692. Nomal.
270010. Col. No. 693. Nomal.
270011. Col. No. 696. Nomal.
270012. Col. No. 699. Nomal. Seeds hard, red.
270013. Col. No. 704. Nomal.
270014. Col. No. 713. Sher-Jila, 40 km. above Gilgit.
270015. Col. No. 733. Singal orchard. Elevation 2,100 meters.
270016. Col. No. 756. Gupis. Elevation 2,320 meters.
270017. Col. No. 761. Gupis. Elevation 2,320 meters.
270018. Col. No. 762. Gupis. Elevation 2,320 meters.
270019. Col. No. 764. Gilgit. Elevation 2,320 meters. From Skardu.
270020. Col. No. 765. Gupis. Elevation 2,320 meters.
270021. Col. No. 766. Gupis. Elevation 2,320 meters.
270022. Col. No. 779. Field, 28 km. above Gupis.
270023. Col. No. 821. Harchin. Elevation 3,000 meters.
270024. Col. No. 832. Mastuj.
270025. Col. No. 841. Threshing floor, Mastuj.
270026. Col. No. 865. Buni.
270027. Col. No. 869. Threshing floor, Buni.
270028. Col. No. 872. Rashun. Elevation 1,650 meters.
270029. Col. No. 875. Reshun.
270030. Col. No. 879. Barenis.
270031. Col. No. 881. Barenis.
270032. Col. No. 892. Chitral.
270033. Col. No. 901. Chitral bazaar.
270034. Col. No. 905. Chitral.
270035. Col. No. 926. Ishkuman.
270036. Col. No. 928. Ishkuman.
270037. Col. No. 946. Nalta. Elevation 3,300 meters.
270038. Col. No. 957. C258. Juglate farm.
270039. Col. No. 958. C273. Juglate farm.
270040. Col. No. 959. 'Panjabi'. Juglate farm.
270041. Col. No. 960. C271. Juglate farm.
270042. Col. No. 961. C228. Juglate farm.

269953 to 270102—Continued**269957 to 270051—Continued**

270043. Col. No. 962. C217. Juglate farm.
 270044. Col. No. 963. C591. Juglate farm.
 270045. Col. No. 964. 'Dirk'. Juglate farm.
 270046. Col. No. 967. Chamagar.
 270047. Col. No. 989. Dumont.
 270048. Col. No. 992-A. Dumont.
 270049. Col. No. 1001. Dumont.
 270050. Col. No. 1006. Gunnaur.
 270051. Col. No. 1007. Gunnaur.
- 270052 to 270057. VICIA FABA L. Fabaceae. Broadbean.**
 270052. Col. No. 768. Gupis. Elevation 2,320 meters. Small seeded type, round.
 270053. Col. No. 789. Pingal, 44 km. above Gupis.
 270054. Col. No. 938. Lower Nalta.
 270055. Col. No. 973. Chamogar.
 270056. Col. No. 977. Dorat.
 270057. Col. No. 996. Dumont.
- 270058. PHASEOLUS MUNGO L. Fabaceae. Urd.**
 Col. No. 552. 'Tori-Ma-Ley'. Chakesar, Swat.
- 270059. VICIA sp. Fabaceae.**
 Col. No. 705. Nomal.
- 270060. VICIA sp.**
 Col. No. 791. Wheatfield, Pingal. Elevation 2,525 meters.
- 270061. VICIA sp.**
 Col. No. 835. Mastuj.
- 270062. VICIA sp.**
 Col. No. 935. Lower Nalta.
- 270063. VICIA sp.**
 Col. No. 943. Nalta. Elevation 3,300 meters.
- 270064. VICIA sp.**
 Col. No. 979. Dorat.
- 270065. VIGNA CYLINDRICA (L.) Skeels Fabaceae. Catjang-pea.**
 Col. No. 877. 'Rambo'. Reshun.
- 270066 to 270069. VIGNA SINENSIS (Torner) Savi Fabaceae. Cowpea.**
 270066. Col. No. 506. 'Lubi-ya'. Mangora village bazaar, Swat.
 270067. Col. No. 556. 'Lubiya'. Chakesar, Swat.
 270068. Col. No. 588. Kohala, 45 km. north of Murree.
 270069. Col. No. 913. Birir.
- 270070 to 270102. ZEA MAYS L. Poaceae. Corn.**
 270070. Col. No. 415. Hangu bazaar.
 270071. Col. No. 444. Thal bazaar.
 270072. Col. No. 499. Kohala, 46 km. north of Muree. Elevation 750 meters. Flint type.

269953 to 270102—Continued

270073. Col. No. 504. 'Jo'. Mangora village bazaar, Swat.
 270074. Col. No. 535. 'Kashmioian Jowar'. Chagai, Swat. Elevation 980 meters.
 270075. Col. No. 540. 'Spit-ami'. Chagai, Swat. Elevation 980 meters.
 270076. Col. No. 541. 'Jowar'. Chagai, Swat. Elevation 980 meters.
 270077. Col. No. 548. 'Jowar'. Chakesar, Swat.
 270078. Col. No. 563. Karora.
 270079. Col. No. 567. Ushu, Swat. Elevation 2,100 meters.
 270080. Col. No. 595. Three km. south of Thai.
 270081. Col. No. 596. Three km. south of Thai.
 270082. Col. No. 606. Naran, third barrier on Balakot-Gilgit road. Elevation 2,400 meters. Flint type; used for making bread.
 270083. Col. No. 607. Naran, third barrier on Balakot-Gilgit road. Elevation 2,400 meters.
 270084. Col. No. 647. Gilgit garden. Ear 25 cm. long, stout, conical at end.
 270085. Col. No. 671. Nomal. Grain white.
 270086. Col. No. 680. Nomal. Grain white.
 270087. Col. No. 686. Nomal. Grain yellow.
 270088. Col. No. 718. 'Sher-Jila', yellow flint.
 270089. Col. No. 767. Gupis. Elevation 2,320 meters.
 270090. Col. No. 844. Mastuj field.
 270091. Col. No. 863. Field, seven km. above Buni.
 270092. Col. No. 873. Reshin.
 270093. Col. No. 904. Chitral bazaar.
 270094. Col. No. 906. Chitral.
 270095. Col. No. 917. Drosh bazaar.
 270096. Col. No. 923. Ishkuman.
 270097. Col. No. 933. Pingal.
 270098. Col. No. 937. Lower Nalta. Elevation 2,400 meters.
 270099 to 270102. Ears and seeds small; grown only at high elevations.
 270099. Col. No. 969. Chamagar.
 270100. Col. No. 1004. Dumont.
 270101. Col. No. 1005.
 270102. Col. No. 1021. Field, about 2.5 km. up mountain from Parachinar. Elevation 2,100 meters. Flint type.

270103 to 270123. HIBISCUS CANNABINUS L. Malvaceae.

Kenaf.

From Guatemala. Seeds presented by the United States Operations Mission, Guatemala City. Received Dec. 5, 1960.

Self pollinated. Mass selection unless otherwise indicated.

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|--------------|-------------------------------------|
| 270103. G-1. | 270106. G-14. |
| 270104. G-4. | 270107. G-21. |
| 270105. G-7. | 270108. G-27. Individual selection. |

207103 to 270123—Continued

270109. G-29.	270117. G-47.
270110. G-30-31.	270118. G-48.
270111. G-32.	270119. G-49.
270112. G-39.	270120. G-52.
270113. G-41.	270121. G-54.
170114. G-42.	270122. G-58.
270115. G-44.	270123. G-63-64.
270116. G-46.	

270124. LIMONIA ACIDISSIMA Houtt. Rutaceae.

From Thailand. Seeds presented by the Botanical Section, Department of Agriculture, Bangkok. Received Dec. 5, 1960.

'Kra-jae' or 'Phaya-ya'. Plant medium high; stem yellowish white, spiny; leaves imparipinnate; rachis winged; flowers small, in umbels; fruit globular to one cm. in diameter. Bark and wood used in medicine and as a perfume component.

270125 to 270130. GLYCINE MAX (L.) Merrill Fabaceae. Soybean.

From Mexico. Seeds presented by the Direccion General de Defensa Agricola, Mexico City. Received Dec. 5, 1960.

270125. 'Palmetto'.	270128. D-430-422.
270126. D-49-286.	270129. D-584-5.
270127. D-423-777.	270130. N-45-3728.

270131. CARICA PAPAYA L. Papayaceae. Papaya.

From India. Seeds presented by the Indian Council of Agricultural Research, New Delhi. Received Dec. 5, 1960.

'Coorg Honey'. A new variety, bearing within a year; tree yields 30 to 40 fruits per annum, weighing 90 to 120 pounds. June to November fruits are smallest, sweetest and almost seedless. Free from the undesirable odor sometimes found in papaya.

270132 to 270136. TRITICUM DURUM Desf. Poaceae. Durum wheat.

From Portugal. Seeds presented by the Estacao de Melhoramento de Plantas, Elvas. Received Dec. 5, 1960.

270132. 298A. 'Amarelejo'. 'Preto Amarelo 8857' × 'Alexandre 2293'.
270133. 2525. 'Preto Amarelo'. Seeds yellow-black.
270134. 2837. 'Lobeiro'.
270135. 3621A. 'Balatuta'. (Trigo de Primavera) Linha do Hamira.
270136. 3823. 'Guadiana'. 'Preto Amarelo 8857' × 'Sta Marta'.

270137. BIXA ORELLANA L. Bixaceae. Anatto-tree.

From Uganda. Seeds presented by the Serere Experimental Station, Soroti. Received Dec. 5, 1960.

270138. BIXA ORELLANA L. Bixaceae. Anatto-tree.

From Brazil. Seeds presented by the Secretaria da Agricultura, Instituto Agronomico, do Est. de S. Paulo, Sao Paulo. Received Dec. 5, 1960.

270139 to 270143.

From India. Seeds presented by the United States Technical Cooperation Mission, United States Embassy, New Delhi. Received Dec. 5, 1960.

270139. *CITRULLUS COLOCYNTHIS* (L.) Schrad. Cucurbitaceae. **Colocynth.**

From the Department of Horticulture, Indian Agricultural Research Institute. Wild species, very hardy; seeds germinate very slowly; fruit 12.5 to 15 cm. in diameter, bitter; interspecific hybrids, seedless or nearly so.

270140 to 270143. *CITRULLUS LANATUS* (Thumb.) Mansf. **Watermelon.**

From the Department of Horticulture, Indian Agricultural Research Institute.

270140. Col. No. V13. From Ambala. Inbred 5 years; rind tough; probably fusarium resistant.

270141. Col. No. C39. From Tunk Rajasthan. Skin deep blackish green; flesh red; sugar content 6.5 percent.

270142. Col. No. C47. New Dehli market. Skin green, flesh deep red; sugar content seven percent.

270143. Col. No. C71. Skin rough, green; flesh pink; sugar content five percent.

270144 and 270145. *CITRULLUS LANATUS* (Thumb.) Mansf. Cucurbitaceae. **Watermelon.**

From Greece. Seeds presented by the United States Operations Mission, Athens. Received Dec. 5, 1960.

270144. 'Angelokastron'. Plants vigorous; melons irregular green striped; rind thin; flesh dark red; fruits average 11 to 13 pounds; dry land yield 3,500 to 5,500 pound per acre; fertile soil, adequate moisture, up to 6,600 pounds per acre; matures one week earlier than 'Manolados'. Ships well.

270145. 'Manolados'. ('Elias Nomos'). Plants vigorous; rind dark green, thick; flesh dark red; fruits average 22 pounds on fertile soil with adequate moisture; dry land yield 15,000 to 20,000 pounds per acre; irrigated land 44,000 pounds per acre; late variety.

270146 to 270155.

From Mexico. Seeds presented by the Rockefeller Foundation, Mexico City. Received Dec. 5, 1960.

270146. *AGAPANTHUS AFRICANUS* (L.) Hoffmannsegg Liliaceae.

No. 1-N. Mexico City. Elevation 2,170 meters. Flowers blue.

270147. *CYPHOMANDRA BETACEA* (Cav.) Sendt. Solanaceae. **Tree-tomato.**

No. 8-N. Jalapa.

270148. *DAHLIA* sp. Asteraceae.

No. 5-N. Acultzingo. Elevation 2,080 meters. Flowers lavender.

270149. *LYCOPERSICON ESCULENTUM* var. *CERASIFORME* (Dun.) Gray Solanaceae. **Tomato.**

No. 6-N. 'Jitomate'. Tuxtepec. Elevation 46 meters.

270150. *LYCOPERSICON PIMPINELLIFOLIUM* (Jusl.) Mill. **Currant tomato.**

No. 7-N. 'Jitomate'. Tuxtepec. Elevation 46 meters.

270151. *QUAMOCLIT COCCINEA* (L.) Moench. Convolvulaceae.

No. 9-N. 'Bandera Espanola'. Chapingo.

270152. *ZEA MAYS* L. Poaceae.

Corn.

No. 10-N. 'Elote-Tehuacan C-12'. Mexico City. Popular Mexican green corn.

270146 to 270155—Continued

270153. ZINNIA sp. Asteraceae.

No. 2—N. 'Mal de Ojo'. Cortazar. Elevation 1,628 meters. Flowers red.

270154. ZINNIA sp.

No. 3—N. 'Mal de Ojo'. Cortazar. Elevation 1,628 meters. Flowers pink.

270155. ZINNIA sp.

No. 4—N. 'Mal de Ojo'. Cortazar. Elevation 1,628 meters. Flowers rose red.

270156 and 270157. VITIS VINIFERA L. Vitaceae.

European grape.

From Portugal. Cuttings presented by the Agricultural Attache, United States Embassy, Lisbon. Received Dec. 6, 1960.

270156. 'Bual de Madeira'.

270157. 'Terrantez'.

270158 to 270166. VIBURNUM sp. Caprifoliaceae.

From Great Britain. Cuttings presented by Nymans Gardens, Handcross, Sussex, England. Received Dec. 6, 1960.

270158. No. 1.

270163. No. 6.

270159. No. 2.

270164. No. 7.

270160. No. 3.

270165. No. 8.

270161. No. 4.

270166. No. 9.

270162. No. 5.

270167 to 270170. SACCHARUM (hybrids). Poaceae.

Sugarcane.

From Puerto Rico. Cuttings presented by the Agricultural Experiment Station, Rio Piedras. Received Dec. 6, 1960.

270167. P.R. 1013.

270169. P.R. 1057.

270168. P.R. 1016.

270170. P.R. 1064.

270171 to 270286. LYCOPERSICON ESCULENTUM L. Solanaceae.

Tomato.

From the United States. Seeds held in storage at the Agricultural Experiment Station, Wooster, Ohio. Numbered Dec. 7, 1960.

<i>P.I. No.</i>	<i>Acc. No.</i>	<i>Variety name</i>	<i>Source</i>
270171.	3739	'Baltimore'	Ferry Morse Seed Co., Detroit, Mich.
270172.	3701	'Bonny Best'	Holmes Seed Co., Canton, Ohio.
270173.	3702	'Bounty'	Do.
270174.	3703	'Break O'Day'	Ferry Morse Seed Co., Detroit, Mich.
270175.	3741	'Cardinal'	Do.
270176.	3704	'Cobourg'	Hort. Expt. Station, Vineland, Ont.
270177.	3705	'Comet'	Joseph Harris Co., Rochester, N. Y.
270178.	3738	'Coopers Special'	Holmes Seed Co., Canton, Ohio.

270171 to 270286—Continued

<i>P.I. No.</i>	<i>Acc. No.</i>	<i>Variety name</i>	<i>Source</i>
270179.	3740	'Crack Proof Pink'	Ferry Morse Seed Co., Detroit Mich.
270180.	3706	'Dwarf Champion'	Holmes Seed Co., Canton, Ohio.
270181.	3708	'Earliana Pennsylvan'	Do.
270182.	3709	'Early Red'	F. H. Woodruff & Sons, Milford, Conn.
270183.	3742	'Firesteel'	Ferry Morse Seed Co., Detroit, Mich.
270184.	3711	'Garden State'	Campbell Soup Co., Rivertown, N. J.
270185.	3710	'Globe, Association'	Ohio Agr. Expt. Sta., Wooster, Ohio.
270186.	3713	'Globe, Livingston'	Livingston Seed Co., Columbus, Ohio.
270187.	3712	'Globe, Strain A'	Ohio Agr. Expt. Sta., Wooster, Ohio.
270188.	3714	'Globelle'	Do.
270189.	3715	'Growthens Globe'	F. H. Woodruff & Sons, Milford, Conn.
270190.	3716	'Gulf State Market'	Do.
270191.	3717	'Indiana-Baltimore'	Vaughn Seed Co., Chicago, Ill.
270192.	3743	'John Baer'	Ferry Morse Seed Co., Detroit, Mich.
270193.	3718	'J. T. Dorrence'	Campbell Soup Co., Rivertown, N. J.
270194.	3719	'June Pink'	Ferry Morse Seed Co., Detroit, Mich.
270195.	3722	'Long Red'	Do.
270196.	3720	'Louisiana Pink'	Do.
270197.	3721	'Louisiana Red'	Reuter Seed Co., Inc., New Orleans, La.
270198.	3723	'Marglobe'	Holmes Seed Co., Canton, Ohio.
270199.	3724	'Michigan St. Forcing'	Michigan State Univ., Lansing, Mich.
270200.	3744	'Morse's 498'	Ferry Morse Seed Co., Detroit, Mich.
270201.	3725	'New Stone'	Ohio Agr. Expt. Sta., Wooster, Ohio.
270202.	3745	'Oxheart'	Ferry Morse Seed Co., Detroit, Mich.
270203.	3726	'Pan America'	F. H. Woodruff & Sons, Milford, Conn.
270204.	3746	'Pearson'	Ferry Morse Seed Co., Detroit, Mich.
270205.	3747	'Pennheart'	Do.
270206.	3727	'Ponderosa'	Holmes Seed Co., Canton, Ohio.
270207.	3729	'Pritchard'	Do.

270171 to 270286—Continued

<i>P.I. No.</i>	<i>Acc. No.</i>	<i>Variety name</i>	<i>Source</i>
270208.	3730	'Queens'	Ferry Morse Seed Co., Detroit, Mich.
270209.	3731	'Rutgers'	New Jersey Expt. Sta., New Brunswick, N. J.
270210.	3733	'Sioux'	Associated Seed Growers, Inc., New Haven, Conn.
270211.	3735	'Stokesdale'	Francis C. Stokes Co., Vincentown, N. J.
270212.	3736	'Valiant'	Joseph Harris Co., Rochester, N. Y.
270213.	3737	'Victor'	Michigan State Univ., Lansing, Mich.
270214.	3851	'Angora'	M. Hardin, Geary, Okla.
270215.	3852	'Baby Lea'	S.E. Veg. Breeding Lab., Charleston, S. C.
270216.	3882	'Bison'	Ferry Morse Seed Co., Detroit, Mich.
270217.	3853	'Blackhawk'	Hort. Dept., Univ. of Ill., Urbana, Ill.
270218.	3883	'Burgess Crack Proof'	Burgess Seed Co., Galesburg, Mich.
270219.	3854	'Camdown'	Hort. Expt. Sta., Vineland, Ont.
270220.	3855	'Dwarf recessive'	S.E. Veg. Breeding Lab., Charleston, S. C.
270221.	3856	'Early Baltimore'	Hort. Dept., Univ. of Ill., Urbana, Ill.
270222.	3857	'Early Canner'	Hort. Dept., Univ. of Ill.
270223.	3858	'Early Hybrid Giant'	Peto Seed Co., Saticoy, Calif.
270224.	3859	'Early Hycross'	Do.
270225.	3860	'Early Prolific'	Do.
270226.	3885	'Early Santa Clara Can'	Ferry Morse Seed Co., Detroit, Mich.
270227.	3861	'Extreme Dwarf Det.'	S.E. Veg. Breeding Lab., Charleston, S. C.
270228.	3862	'Fireball'	Joseph Harris Co., Rochester, N. Y.
270229.	3863	'Giant King Hybrid'	Peto Seed Co., Saticoy, Calif.
270230.	3886	'Golden Sphere'	Tomato Disease Lab., Jacksonville, Tex.
270231.	3864	'Harknese'	Hort. Expt. Sta., Vineland, Ont.
270232.	3865	'Homestead'	Corneli Seed Co., St. Louis, Mo.
270233.	3866	'Imp. Wasatch Beauty'	Hort. Expt. Sta., Vineland, Ont.
270234.	3890	'Loran Blood'	Utah Agr. Expt. Sta., Logan, Utah
270235.	3887	'Manahill'	Fla. Expt. Sta., Bradenton, Fla.
270236.	3888	'Manalucie'	Gleckler Seed Co., Metamora, Ohio.
270237.	3889	'Manasota'	Fla. Expt. Sta., Bradenton, Fla.
270238.	3867	'Norduke'	S.E. Veg. Breeding Lab., Charleston, S. C.

270171 to 270286—Continued

<i>P.I. No.</i>	<i>Acc. No.</i>	<i>Variety name</i>	<i>Source</i>
270239.	3897	'Ohio W-R Brookston'	Ohio Agr. Expt. Sta., Wooster, Ohio.
270240.	3869	'Pennred'	Hort. Expt. Sta., Vineland, Ont.
270241.	3870	'Pinkshipper'	U.S.D.A., Beltsville, Md.
270242.	3871	'Prainina'	Hort. Dept. Univ. of Ill., Urbana, Ill.
270243.	3872	'Roma'	U.S.D.A., Beltsville, Md.
270244.	3873	'Southland'	Corneli Seed Co., St. Louis, Mo.
270245.	3893	'Potentate'	Hort., Expt. Sta., Vineland, Ont.
270246.	3874	'Stemless Penn Orange'	S.E. Veg. Breeding Lab., Charleston, S. C.
270247.	3891	'Sterling Castle'	Hort. Expt. Sta., Vineland, Ont.
270248.	3875	'Sugar'	S.E. Veg. Breeding Lab., Charleston, S. C.
270249.	3876	'Sunray'	U.S.D.A., Beltsville, Md.
270250.	3894	'Texto 2'	Tomato Disease Lab., Jacksonville, Tex.
270251.	3877	'Urbana'	Corneli Seed Co., St. Louis, Mo.
270252.	3879	'V-121'	Mort. Expt. Sta., Vineland, Ont.
270253.	3878	'Vagabond'	Do.
270254.	3895	'Veto Mold'	Do.
270255.	3880	'Vulcan'	Do.
270256.	3896	'White Beauty'	Burgess Seed Co., Galesburg, Mich.
270257.	3881	'W. Flowered Marglobe'	S.E. Veg. Breeding Lab., Charleston, S. C.
270258.	3965	'Budzien'	John Budzien, Milwaukee, Wisc.
270259.	3975	'Burgess Early Wonder'	Burgess Seed Co., Galesburg, Mich.
270260.	3978	'Burgess Lemon'	Do.
270261.	3976	'B. Mammouth Wonder'	Do.
270262.	3980	'Chesapeake'	Univ. of Maryland, College Park, Md.
270263.	3988	'Chicago #1'	Ohio Agr. Expt. Sta., Wooster, Ohio.
270264.	3984	'Corn. Crack Res.	
	55-512		Cornell Agr. Expt. Sta., Ithaca, N. Y.
270265.	3982	'C. Crack Res. 55-539'	Do.
270266.	3983	'C. Crack Res. 55-542'	Do.
270267.	3985	'C. Crack Res. 55-548-2'	Do.
270268.	3986	'C. Crack Res. 55-549-2'	Do.
270269.	3979	'Early Scarlett'	Gleckler's Seed Co., Metamora, Ohio.
270270.	3954	'Gem'	N.Y.S. Agr. Expt. Sta., Geneva, N. Y.
270271.	3989	'German Sugar T & 5M'	S.E. Veg. Breeding Lab., Charleston, S. C.

270171 to 270286—Continued

<i>P.I. No.</i>	<i>Acc. No.</i>	<i>Variety name</i>	<i>Source</i>
270272.	3977	'Gold Dust Crack Proof'	Glecker's Seed Co., Metamora, Ohio.
270273.	3970	'Harrow'	Stokes Seed Co., St. Catherines, Canada.
270274.	3986	'Marhio'	Ohio Agr. Expt. Sta., Wooster, Ohio.
270275.	3966	'Marietta #1'	Do.
270276.	3961	'Master Marglobe'	Stokes Seed Co., Vincentown, N. Y.
270277.	3973	'Ohio W-R Globe'	Ohio Agr. Expt. Sta., Wooster, Ohio.
270278.	3964	'Ohio W-R Jubilee'	Do.
270279.	3967	'Ontario'	Campbell Soup Co., Rivertown, N. J.
270280.	3960	'Pearl Harbor'	Ohio Agr. Expt. Sta., Wooster, Ohio.
270281.	3951	'Porter Tomato'	Porter & Sons, Stephenville, Tex.
270282.	3981	'Purdue 1361'	Purdue University, La Fayette, Ind.
270283.	3953	'Red Jacket'	N.Y.S. Agr. Expt. Sta., Geneva, N. Y.
270284.	3952	'S1446 Summer Cherry'	Tomato Disease Lab., Jacksonville, Tex.
270285.	3987	'Wash. State Forcing'	Wash. State College, Pullman, Wash.
270286.	3959	'Westernred'	Glecker's Seed Co., Metamora, Ohio.

270287. CROTALARIA QUINQUEFOLIA L. Fabaceae.

From Surinam. Seeds presented by the Agricultural Experiment Station, Paramaribo. Received Dec. 7, 1960.

270288 to 270297. ZEA MAYS L. Poaceae.

Corn.

From Countries indicated. Seeds held in storage at the United States Regional Plant Introduction Station, Ames, Iowa. Numbered Dec. 7, 1960.

270288. No. A-20. From Dagestan, U.S.S.R. Received July 1958.
270289. No. A-25. From Azerbaijan, U.S.S.R. Received July 1958. Late yellow and white dent, flint mixture; kernel medium size.
270290. No. A-25-A. From Azerbaijan, U.S.S.R. Received July 1958. Late white dent; kernels large. Separate from A-25.
270291. No. A-35. 'Flint 234'. From Muldania Province, U.S.S.R. Received April, 1959. A red-yellow flint mixture.
270292. No. A-36. 'Chirpan 87'. From Bulgaria. Received April, 1959. Yellow flint variety.
270293. No. A-39. 'Bessarabka'. From Muldania Province, near Rumania, U.S.S.R. Received April, 1959. Yellow flint variety.
270294. No. A-41. 'Gorky at Lenin'. From Moscow region, U.S.S.R. Received April, 1959. White dent variety reported to be very early and cold resistant.
270295. No. A-42. 'Pervenets'. From OMSR District, Siberia, U.S.S.R. Received April 1959. Yellow-red flint mixture.
270296. No. A-98. From Turkey. White rice popcorn, separate from P.I. 182325.

270288 to 270297—Continued

270297. No. A-47. Inbred 41: 2504 B from the University of Buenos Aires, Argentina. 'Amargo'. Golden flint variety reported resistant to grasshoppers (*Schistocerca* and *Dicropus* sp.). Requires 79 days to silking at Ames. Best known for its high resistance to corn-borer feeding, which is readily extracted after crossing.

270298. COFFEA ARABICA L. Rubiaceae. Arabian coffee.

From Portugal. Seeds presented by the Centro de Investigacao das Ferrugens do Cafeeiro. Received Dec. 7, 1960.

No. 1343. 'Hibrido de Timor'.

270299 to 270304.

From the Union of South Africa. Bulbs and seeds collected by H. S. Gentry and A. S. Barclay, agricultural explorers, Crops Research Division, Plant Industry Station, Beltsville, Md. Received Dec. 7, 1960.

Bulbs unless otherwise noted.

270299. *GETHYLLIS* sp. Amaryllidaceae.

Col. No. 18753. Van Rhynsdorp, Cape Town.

270300. *GLADIOLUS* sp. Iridaceae.

Col. No. 18735. Nieuwoudtville, Cape Town. (Corms.)

270301. *GLORIOSA SUPERBA* L. Melanthiaceae.

Col. No. 18737. East London, Cape Town. (Seeds.)

270302. *HAEMANTHUS TIGRINUS* Jacq. Amaryllidaceae.

Col. No. 18752. Worcester, Cape Town.

270303. *HAEMANTHUS* sp.

Col. No. 18698. Darling, Cape Town.

270304. *PROTEA NERIFOLIA* R. Br. Proteaceae.

Col. No. 18663. Nieuwoudtville, Cape Town. (Seeds).

270305. CITRUS sp. Rutaceae.

From New Guinea. Seeds presented by the Director of Agriculture, Stock and Fisheries, Port Moresby, Papua. Received Dec. 9, 1960.

Grown at Talasea, New Britain District.

270306 to 270309. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. Watermelon.

From the Philippines. Seeds presented by the International Cooperation Administration, Manila.

Seeds from Santa Maria, Dulacan Province.

270306. Col. No. 1. Fruit small, round, matures in three months; flesh yellowish.

270307. Col. No. 2. 'Filipino Red'. Fruit round, small to medium, matures in three months; skin black; flesh red.

270308. Col. No. 3. Fruit large; skin white; flesh red.

270309. Col. No. 4. Fruit large; matures in three months if fertilized; skin green; flesh red.

270310 to 270312.

From Australia. Seeds presented by the Commonwealth Scientific and Industrial Research Organization, Brisbane. Received Dec. 9, 1960.

270310 to 207312—Continued

270310 and 270311. *GLYCINE JAVANICA* L. Fabaceae.

270310. C.P.I. 23411. From Cuba.

270311. Q. 363. From Queensland.

270312. *PHASEOLUS ATROPURPUREUS* DC. Fabaceae.

'Siratro A'.

270313. *ATRIPLEX SEMIBACCATA* R. Br. Chenopodiaceae.

From Argentina. Seeds presented by P. S. Echenique, El Zorro Company, San Jose. Received Dec. 9, 1960.

'Creeping Saltbush Grass'. Reportedly drought resistant, and supposedly grows well in poor sandy, and mildly alkaline soils, and on saline seashores. From South Africa.

270314 and 270315.

From Norway. Seeds received through the Alfalfa Investigations, Forage and Range Research Branch, Beltsville, Md. Received Dec. 9, 1960.

270314. *MEDICAGO SATIVA* L. Fabaceae.

Alfalfa.

'du Puits'.

270315. *MEDICAGO TIANSHANICA* Vassilcz.

270316 to 270328.

From Uganda. Seeds presented by the East African Agriculture and Forestry Research Organization, Serere, Soroti. Received Dec. 9, 1960.

270316 and 270317. *HYPARRHENIA BARTERI* (Hack.) Stapf Poaceae.

270316. Col. No. 1. Sixty miles from Kisumu.

270317. Col. No. 2. Ngora.

270318. *HYPARRHENIA CYMBARIA* (L.) Stapf

Kakamega.

270319. *HYPARRHENIA DISSOLUTA* (Nees ex Steud.) C. E. Hubbard

'Humi'.

270320 and 270321. *HYPARRHENIA FILIPENDULA* (Hochst.) Stapf

270320. Col. No. 1. Karamoja.

270321. Col. No. 2. Kumi.

270322 to 270326. *HYPARRHENIA RUFA* (Nees) Stapf

270322. Col. No. 1. Bukedi.

270323. Col. No. 2. Karamoja.

270324. Col. No. 3. Kisumu.

270325. Col. No. 4. Sixty miles from Kisumu.

270326. Col. No. 5. Kumi.

270327. *HYPARRHENIA RUPRECHTII* (Hack.) Fourn.

Tororo.

270328. *HYAPARRHENIA* sp.

About 40 miles from Moroto, road to Soroti.

270329 to 270331.

From Great Britain. Plants purchased from Hillier & Sons, Winchester, England. Received Dec. 9, 1960.

270329. *PELARGONIUM* sp. Geraniaceae.

270330. *ZELKOVA CRETICA* Spach. Urticaceae.

270331. *ZELKOVA VERSCHAFFELTII* (Dippel) Nicholson

270332 and 270333. CORYLUS AVELLANA L. Betulaceae.**Filbert.**

From Italy. Budsticks presented by Arturo Ansaloni Nurseries, Bologna.
Received Dec. 8, 1960.

270332. 'Tonda Gentile'.

270333. 'Tonda Romance'.

270334 and 270335.

From the Union of South Africa. Bulbs collected by H. S. Gentry and A. S. Barclay, agricultural explorers, Crops Research Division, Plant Industry Station, Beltsville, Md. Received Dec. 13, 1960.

270334. BUPHANE sp. Amaryllidaceae.

Col. No. 18677. Vredendal, Cape Town.

270335. NERINE sp. Amaryllidaceae.

Col. No. 18719. Hex River Pass, Cape Town.

270336 and 270337.

From Israel. Seeds presented by the Agricultural Research Station, Beit Dagan, Israel. Received Dec. 13, 1960.

270336. PRUNUS ARMENIACA L. Amygdalaceae. **Apricot.**
'Claude'.270337. PRUNUS PERSICA (L.) Batsch **Peach.**
'Belade'.**270338 to 270343. CORYLUS AVELLANA L. Betulaceae. Filbert.**

From Spain. Plants and seeds presented by the Jefatura Agronomica Tarragona-Espana, Barcelona. Received Dec. 15, 1960.

270338 to 270340. Plants.

270338. 'Comun'.

270339. 'Gironenca'.

270340. 'Negreta'.

270341 to 270343. Seeds.

270341. 'Comun'.

270342. 'Gironenca'.

270343. 'Negreta'.

270344 to 270361.

From Japan. Seeds presented by the Kyushu University, Fukuoka. Received Dec. 15, 1960.

270344. ABIES HOMOLEPIS Sieb. & Zucc. Pinaceae. **Nikko fir.**270345. ABIES VEITCHII Lindl. **Veitch fir.**

270346. ABIES sp.

270347. BETULA PLATYPHYLLA var. JAPONICA (Miq.) Hara Betulaceae.

270348. CHAMAECYPARIS PISIFERA (Sieb. & Zucc.) Endl. Pinaceae.

270349. LARIX LEPTOLEPIS (Sieb. & Zucc.) Gordon Pinaceae. **Japanese larch.**270350. PICEA JEZOENSIS (Sieb. & Zucc.) Carr. Pinaceae. **Yeddo spruce.**

270351. PICEA JEZOENSIS var. HONDOENSIS (Mayr) Rehder

270352. PINUS DENSIFLORA Sieb. & Zucc. Pinaceae. **Japanese red pine.**270353. PINUS KORAIENSIS Sieb. & Zucc. **Korean pine.**

270344 to 270361—Continued

270354. *PINUS PUMILA* (Pallas) Regel
 270355. *PINUS THUNBERGII* Parl. Japanese black pine.
 270356. *PYRACANTHA ANGUSTIFOLIA* (Franch.) C. Schneid. Malaceae. Narrowleaf firethorn.
 270357. *RAPHIOLEPIS UMBELLATA* (Thunb.) Makino Malaceae. Yeddo.
 270358. *SCIADOPITYS VERTICILLATA* (Thunb.) Sieb. & Zucc. Pinaceae. Umbrella-pine.
 270359. *VIBURNUM EROSUM* var. *PUNCTATUM* Franch. Caprifoliaceae.
 270360. *VIBURNUM JAPONICUM* (Thunb.) Spreng.
 270361. *VIBURNUM ODORATISSIMUM* Ker. Sweet viburnum.

270362 to 270387.

From Mexico. Seeds presented by the Rockefeller Foundation, Mexico City.
 Received Dec. 15, 1960.

- 270362 and 270363. *BOUVARDIA* sp. Rubiaceae.
 Plants to one meter high; flowers red.
 270362. No. 23-0. Near Mexico City. Elevation 2,170 meters.
 270363. No. 24-0. Chalco. Elevation 2,350 meters.
 270364 and 270365. *CASTILLEJA CANESCENS* Benth. Scrophulariaceae.
 'Garanona'. Plants to 60 cm. high; bracts red.
 270364. No. 18-0. Chalco.
 270365. No. 19-0. Ixtapan. Elevation 1,720 meters.
 270366. *COBAEA SCANDENS* Cav. Polemoniaceae.
 No. 28-0. 'Cathedral Bells'. Mexico City.
 270367. UNDETERMINED.
 'Atlanchana'. Plants to 60 cm. high.
 No. 16-0. Ixtapan. Flowers red and yellow.
 270368. *DAHLIA* sp. Asteraceae.
 No. 26-0. Ixtapan. Flowers single, red.
 270369. *MUSA ENSETE* Gmel. Musaceae. Abyssinian banana.
 No. 27-0. 'Platano de Aresinia'. Mexico City.
 270370 and 270371. *PENSTEMON BARBATUS* (Cav.) Roth Scrophulariaceae.
 'Tarritos'. Plants to one meter high; flowers red.
 270370. No. 3-0. Chalco.
 270371. No. 15-0. Puebla. Elevation 1,900 meters.
 270372 to 270380. *PENSTEMON CAMPANULATUS* (Cav.) Willd.
 'Tarritos'. Plants to one meter high.
 270372. No. 1-0. Aculco. Elevation 2,080 meters. Flowers red.
 270373. No. 2-0. Toluca. Elevation 2,900 meters. Flowers pink.
 270374. No. 4-0. Popocatepetl. Elevation 2,350 meters. Flowers red.
 270375. No. 9-0. Toluca. Flowers light purple.
 270376. No. 10-0. Toluca. Flowers pink.
 270377. No. 11-0. Toluca. Flowers lavender.
 270378. No. 12-0. Toluca. Stems and flowers red.

270362 to 270387—Continued**270371 to 270380—Continued**

270379. No. 13-0. Toluca. Flowers red.

270380. No. 14-0. Toluca. Flowers purple.

270381 and 270382. PENSTEMON GENTIANOIDES (HBK.) Poir.

'Tarritos'. Popocatepetl. Elevation 2,900 meters. Plants to 2.5 meters high; flowers purple.

270381. No. 6-0.

270382. No. 7-0.

270383. PENSTEMON sp.

No. 8-0. Toluca. Flowers red.

270384 to 270386. SALVIA SPLENDENS Ker-Gawl. Menthaceae.

'Atropurpurea'. 'Mirtos'.

270384. No. 20-0. Popocatepetl. Elevation 2,900 meters. Plants one meter high; flowers red.

270385. No. 21-0. Toluca. Elevation 2,620 meters. Plants to 60 cm. high; flowers blue.

270386. No. 22-0. Toluca. Elevation 2,350 meters. Plants to 60 cm. high; flowers blue.

270387. SYMPHORICARPUS sp. Caprifoliaceae.

No. 25-0. 'Perlilla'. Popocatepetl. Elevation 2,980 meters. Plants woody.

270388 to 270394.

From Indonesia. Seeds presented by the Soil Conservation Service, Djakarta. Received Dec. 16, 1960.

270388. *TEPHROSIA CANDIDA* DC. Fabaceae.270389. *TEPHROSIA MAXIMA* Pers.270390. *TEPHROSIA NOCTIFLORA* Bojer270391. *TEPHROSIA PURPUREA* (L.) Pers.270392. *TEPHROSIA VESTITA* Vog.270393. *TEPHROSIA VILLOSA* (L.) Pers.270394. *TEPHROSIA VOGELII* Hook f.**270395 to 270401.**

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received Dec. 16, 1960.

270395 and 270396. ALOPECURUS PRATENSIS L. Poaceae. Meadow foxtail.

270395. No. 1.

270396. No. 2.

270397. *DACTYLIS GLOMERATA* L. Poaceae.

Orchardgrass.

270398 and 270399. *FESTUCA ELATIOR* L. Poaceae.

Meadow fescue.

270398. No. 1.

270399. No. 2.

270400. *FESTUCA RUBRA* L.

Red fescue.

270401. *PHLEUM PRATENSE* L. Poaceae.

Timothy.

270402. CAREX KOBOMUGI Ohwi Cyperaceae.

From Japan. Seeds presented by the Faculty of Agriculture, Kyushu University, Fukuoka. Received Dec. 16, 1960.

270403 to 270460.

From Mexico. Seeds presented by the Rockefeller Foundation, Mexico City.
Received Dec. 16, 1960.

270403 and 270404. *LYCOPERSICON* (hybrids). Solanaceae. **Tomato.**
'Jitomate'.

270403. No. 37. Tepic. Elevation 900 meters.

270404. No. 39. Cortazar. Elevation 1,625 meters. Fruit plum-shaped,
two loculed, 25 grams; skin yellow; flesh red.

270405 to 270434. *LYCOPERSICON ESCULENTUM* var. *CERASIFORME* (Dun.)
Solanaceae. **Tomato.**

270405 to 270423. From Huachinago. Elevation 1,350 meters

270405. No. 2. Fruit 2-5 loculed, weighs to 45 grams; skin medium
rough; flesh red.

270406. No. 3. Fruit 7-10 loculed, weighs to 75 grams; skin yellow,
rough; flesh red.

270407. No. 4. Fruit 2-4 loculed, weighs to 30 grams; skin yellow,
smooth; flesh red.

270408. No. 5. Fruit 2-4 loculed, weighs to 30 grams; skin colorless,
rough; flesh red.

270409. No. 6. Fruit 7-8 loculed, weighs to 50 grams; skin colorless,
rough; flesh red.

270410. No. 7. Fruit 6-12 loculed, weighs to 75 grams; skin yellow,
very rough; flesh red.

270411. No. 8. Fruit two loculed, weighs to 30 grams; skin yellow,
smooth; flesh red.

270412. No. 9. Fruit six loculed, weighs to 45 grams; skin yellow,
flattened; flesh red.

270413. No. 10. Fruit 9-15 loculed, weighs to 90 grams; catfaced;
skin colorless, rough; flesh red.

270414. No. 11. Fruit 10-12 loculed, weighs to 90 grams; catfaced;
skin yellow, rough; flesh red.

270415. No. 13. Fruit 2-4 loculed, weighs to 40 grams; skin colorless,
smooth; flesh red.

270416. No. 14. Fruit 6-7 loculed, weighs to 75 grams; skin colorless,
medium rough; flesh red.

270417. No. 15. Fruit 13 loculed, weighs to 120 grams; catfaced; skin
yellow, rough; flesh red.

270418. No. 17. Fruit 4-6 loculed, weighs to 40 grams, flattened; skin
yellow; flesh red.

270419. No. 18. Fruit 5-6 loculed, weighs to 60 grams, flattened; skin
colorless; flesh red.

270420. No. 19. Fruit 12 loculed, weighs to 90 grams, catfaced; skin
colorless; flesh red.

270421. No. 20. Fruit 4-9 loculed, weighs to 50 grams, flattened; skin
colorless; flesh red.

270422. No. 21. Fruit six locules, weighs to 75 grams, flattened; skin
rough; flesh red.

270423. No. 22. Fruit 10-12 loculed, weighs to 90 grams, catfaced;
skin rough; flesh red.

270424. No. 38. Cortazar. Elevation 1,625 meters. Fruit 3-4 loc-
uled, weighs to 50 grams; skin yellow; selfed for bright red.

270425. No. 40. Tehautepec. Fruit 7-8 loculed, weighs to 90 grams;
fasciated, flesh red.

270426. No. 41. Acatlan. Elevation 1,265 meters. Fruit 5-8 loc-
uled, weighs to 75 grams, flattened; skin yellow; flesh red.

270403 to 270460—Continued

270427 to 270430. Coatzacoalcos. Sea level.

270427. No. 42. Fruit 6-10 loculed, weighs to 90 grams; skin yellow, rough; flesh red.

270428. No. 43. Fruit 6-7 loculed, weighs to 90 grams; skin yellow, rough; flesh red.

270429. No. 44. Fruit 7-9 loculed, weighs to 75 grams; skin yellow, rough; flesh red.

270430. No. 45. Fruit 8-9 loculed, weighs to 90 grams; skin yellow, rough; flesh red.

270431. No. 46. Cortazar. Elevation 1,625 meters. Fruit 6-9 loculed, weighs to 120 grams; skin yellow; flesh red.

270432. No. 50. Tehuacan. Elevation 1,350 meters. Fruit 4-5 loculed, weighs to 90 grams; skin colorless; flesh red.

270433. No. 51. Tehuacan. Elevation 1,350 meters. Fruit 7-11 loculed, weighs to 120 grams; skin colorless; flesh red.

270434. No. 52. Tehuacan. Elevation 1,350 meters. Fruit 20 locules, weighs to 150 grams; skin colorless; flesh red.

270435. LYCOPERSICON PERUVIANUM (L.) Mil.

No. 48. Fruit 20 loculed, weighs to 10 grams, green.

270436 to 270454. LYCOPERSICON PIMPINELLIFOLIUM (Jusl. in L.) Mill.
Currant tomato.

270436 to 270438. Huachinango. Elevation 1,350 meters.

270436. No. 1. Fruit 2-3 locules, weighs to 25 grams; skin smooth; flesh red.

270437. No. 12. Fruit two locules, weighs to 25 grams; skin smooth; flesh red.

270438. No. 16. Fruit 2-3 loculed, weighs to 20 grams; skin colorless, smooth; flesh red.

270439. No. 23. Popantla. Elevation 900 meters. Fruit two loculed, weighs to 20 grams, pear shape; flesh red.

270440. No. 24. Villa Jaurez. Elevation 1,085 meters. Fruit two loculed, weighs to 20 grams; flesh red.

270441 to 270447. Papantla. Elevation 900 meters.

270441. No. 25. Fruit two loculed, weighs to 20 grams; flesh red.

270442. No. 26. Fruit two loculed, weighs to 20 grams; flesh yellow.

270443. No. 27. Fruit two loculed, weighs to 20 grams, pear shape; flesh red.

270444. No. 28. Fruit two loculed, weighs to 20 grams; flesh red.

270445. No. 29. Fruit two loculed, weighs to 20 grams; flesh red.

270446. No. 30. Fruit three loculed, weighs to 30 grams; flesh red.

270447. No. 31. Fruit two loculed, weighs to 20 grams; flesh red.

270448 to 270452. Villa Jaurez. Elevation 1,085 meters.

270448. No. 32. Fruit two loculed, weighs to 20 grams; flesh red.

270449. No. 33. Fruit two loculed, weighs to 20 grams; flesh red.

270450. No. 34. Fruit two loculed, weighs to 20 grams; flesh red.

270451. No. 35. Fruit two loculed, weighs to 20 grams; flesh red.

270452. No. 36. Fruit two loculed, weighs to 20 grams; flesh red.

270403 to 270460—Continued**270448 to 270452—Continued**

270453. No. 47. From Ecuador. Fruit two loculed, weighs to 20 grams; skin yellow; flesh red.

270454. No. 49. Cortazar. Elevation 1,625 meters. Fruit two loculed, weighs to 20 grams; skin yellow; flesh red.

270455. *CAPSICUM FRUTESCENS* L. Solanaceae. **Redpepper.**
No. 2-V. 'Pimento'. Fruits large.

270456. *LAGENARIA SICERARIA* (Mol.) Stand. Cucurbitaceae. **Calabash gourd.**

No. 6-V. 'Bule or Pumpo'. Coatlan. **Bottlegourd.**

270457. *LUFFA CYLINDRICA* (L.) Roemer Cucurbitaceae. **Suakwa towelgourd.**

No. 5-V. 'Dishrag Gourd'. Poza Rica.

270458. *PACHYRHIZUS EROSUS* (L.) Urban Fabaceae. **Yam-bean.**
No. 3-V. Apatlaco.

270459. *PHYSALIS* sp. Solanaceae.

No. 1-V. 'Jojutla'. Mexico City. Fruits large.

270460. *SICANA ODORIFERA* (Vell.) Naud. Cucurbitaceae. **Casabanana.**
No. 4-V. 'Calabaza Melona'. Tezintlan. Elevation 1,800 meters.

Cooked for human food.

270461. *MALUS* sp. Malaceae.

From Pakistan. Seeds collected by J. R. Harlan, agricultural explorer, Crops Research Division, Beltsville, Md. Received Dec. 19, 1960.

From West Pakistan.

270462 to 270473. *FRAGARIA* (hybrids). Rosaceae. **Strawberry.**

From Germany. Plants presented by the Max-Planck Institute of Plant Breeding, Koln-Vogelsang. Received Dec. 20, 1960.

270462. 'Regina'. (M.P.I. No. 96, C1, Vioo).

270463. 'Macheraucho Fruhernte'. (M.P.I. No. 97, 25/6, Vioo).

270464. 'Weiss Ananas'. (M.P.I. No. 68, A2.)

270465. 'Senga 145'. (M.P.I. No. 117, A2, Vioo).

270466. 'Franken'. (M.P.I. No. 57, A, Vio).

270467. 'Louis Gauthier'. (M.P.I. No. 67, A1).

270468. 'Senga 54'. (M.P.I. No. 116, A2, Vioo).

270469. 'Senga 242'. (M.P.I. No. 119, C1, Vioo).

270470. 'Senga 146'. (M.P.I. No. 124, A1, Vioo).

270471. 'Kaiser's Samling'. (B.S.A.).

270472. 'Gartenbau direkto Langer'. (B.S.A.).

270473. 'Eva Macherauch'. (B.S.A.).

270474. *RUBUS FRUTICOSUS* L. Rosaceae.

From Sweden. Plants presented by the Balsgard Fruit Breeding Institute, Fjalkestad. Received Jan. 3, 1961.

'Bedford Giant'.

270475 and 270476. *LILIUM AURATUM* Lindl. Liliaceae. **Goldband lily.**

From Japan. Bulbs presented by the National Institute of Agricultural Sciences, Hiratsuka, Kanagawa-ken. Received Dec. 21, 1960.

270475 to 270476—Continued

270475. Collected in Akita Prefecture. Northernmost habitat.

270476. Collected in Mie Prefecture. Southernmost habitat.

270477 to 270483.

From the Netherlands. Seeds presented by J. Joordens, Zaadhandel N.V., Venlo-Blerick. Received Dec. 21, 1960.

270477. *DACTYLIS GLOMERATA* L. Poaceae. Orchardgrass.
'Cocksfoot'.

Combi (J) strain.

270478. *FESTUCA ELATIOR* L. Poaceae. Meadow fescue.

Combi (J) strain. Pasture and hay.

270479 and 270480. *LOLIUM MULTIFLORUM* Lam. Poaceae. Italian ryegrass.

Combi (J) strain.

270479. 'Polypoid'.

270480. 'Westerwold's'.

270481 and 270482. *LOLIUM PERENNE* L. Perennial ryegrass.

Combi (J) strain.

270481. Pasture.

270482. Late hay.

270483. *PHLEUM PRATENSE* L. Poaceae. Timothy.

Combi (J) strain. Pasture and hay.

270484 to 270491.

From Japan. Plants presented by Dr. Rokujo, Tokyo. Received Dec. 22, 1960.

270484 to 270488. *CAMELLIA JAPONICA* L. Theaceae. Common camellia.

270484. 'Amagashita'. 270487. 'Serratifolia'.

270485. 'Kikuzuki'. 270488. 'Taro-Kaja'.

270486. 'Polypetal'.

270489. *CAMELLIA RUSTICANA* Honda
Kumagayu.

270490. *CAMELLIA* sp.
'Shiranuvi'. Higo strain.

270491. *CAMELLIA* sp.
'Kamo-Hon-Ami'.

270492 to 270497.

From the Union of South Africa. Seeds collected by H. S. Gentry and A. S. Barclay, agricultural explorers, Crops Research Division, Plant Industry Station, Beltsville, Md. Received Dec. 23, 1960.

270492. *DANTHONIA STRICTA* Schrad. Poaceae.

Col. No. 18705. Seaward slope of Chapman's Peak, south of Capetown, Cape Province. Elevation 150 meters. Large leafy clumps.

270492 to 270497—Continued

270493. *EHRHARTA LONGIFOLIA* Schrad. Poaceae.

Col. No. 18696. Near Malmesbury, Cape Province. Elevation 60 meters. Perennial on sandy soil; culms to one meter high.

270494. *EHRHARTA* sp.

Col. No. 18704. Near the sea, Chapman's Peak, Cape Province. Elevation 150 meters. Tufted perennial.

270495. *EXOMIS OXYRIOIDES* Moq. Chenopodiaceae.

Col. No. 18751. Veld Reserve, Worcester, Cape Province. Wild form high in protein; for forage use.

270496. *HYPARRHENIA HIRTA* (L.) Stapf Poaceae.

Col. No. 18749. Pretoria pasture, Veld Reserve, Worcester, Cape Province. Selected strain, nine to 12 dm. high.

270497. *PASPALUM DILATATUM* Poir. Poaceae.

Dallisgrass.

Col. No. 18750. Veld Reserve, Worcester, Cape Province. Wild form, nine to 12 dm. high, upright.

270498 to 270521. *FRAGARIA* (hybrids). Rosaceae.

Strawberry.

From Czechoslovakia. Plants received from the Fruit Tree Breeding Station, Velehrad. Received Dec. 28, 1960.

270498.	183.	'Abundance'.	270510.	16.	'Mieze Schindler'.
270499.	3.	'Amazone'.	270511.	121.	'Mysovka'.
270500.	34.	'Deutschland'.	270512.	120.	'Pozdnaja Zagorja'.
270501.	318.	'Esterhazy Export'.	270513.	191.	'Rubin'.
270502.	319.	'Esterhazy Korai'.	270514.	578.	'Sengana'.
270503.	92.	'Georg Soltwedez'.	270515.	606.	'Sonjana'.
270504.	398.	'Kievskaja Rannaja N 2'.	270516.	332.	'Souvenir de Charles Machiroux'.
270505.	118.	'Komsomolka'.	270517.	9.	'Surprise des Halles'.
270506.	577.	'Machern'.	270518.	160.	'Talisman'.
270507.	344.	'Macherauch's Fruhernte'.	270519.	192.	'Triumph de Tihange'.
270508.	343.	'Regina'.	270520.	337.	'Ville de Paris'.
270509.	262.	'Valentuv Semenac'.	270521.	63-9.	'Diplomat'.

270522 to 270525. *CITRULLUS LANATUS* (Thunb.) Mansf. Cucurbitaceae. Watermelon.

From Israel. Seeds presented by the United States Operations Mission, Tel-Aviv. Received Dec. 29, 1960.

Open pollinated seeds.

270522. 'Alpha'. A selection probably introduced from Transylvania about 15 years ago.

270523. 'Chilean'. Introduced from the U.S.A. about 30 years ago.

270524. 'Machesny'. A local variety of long standing.

270525. 'Malali'. Thought to be a natural cross between 'Machesny' and 'Chilean'.

270526 to 270533. JUGLANS REGIA L. Juglandaceae.**Persian walnut.**

From Yugoslavia. Seeds presented by the United States Operations Mission, Belgrade. Received Dec. 30, 1960.

Nuts selected from vigorous trees bearing heavy crops and relatively free from blackspot.

270526. No. 73.

270531. No. 132.

270527. No. 76.

270532. No. 208. No leaf spots present.

270528. No. 86.

270533. No. 216. No leaf spots present.

270529. No. 100.

270530. No. 131.

270534. AGAPANTHUS sp. Liliaceae.

From the Union of South Africa. Plants collected by H. S. Gentry and A. S. Barclay, agricultural explorers, Crops Research Division, Plant Industry Station, Beltsville, Md. Received Dec. 30, 1960.

Col. No. 18805. Near the sea in peaty soil, Klimmond, Caledon Dist., Cape Province. Plants in clustered rosettes; one of the smaller, rarer species.

INDEX OF COMMON AND SCIENTIFIC NAMES

*If the species of a genus do not have distinct common names they share the same common name as the genus.

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