Plant Inventory
No. 188, Part I

Plant Material Introduced
January 1 to June 30, 1980
(Nos. 436991 to 443013)
Plant Inventory No. 188 is divided into two parts that encompass PI's 436991 - 452071 for calendar year 1980. Questions about data organization and proper plant identification should be directed to the author. This inventory is a historical record of accessioned plant germplasm; it is not a listing of plant material for distribution.

Appreciation is expressed to the following persons associated with the Plant Introduction Office for their significant contributions to Plant Inventory No. 188: L. G. Garner and R. A. Norris for excellence in maintaining the PI master file integrity, data input, and output review; S. Drexler for organizing data and associated plant materials and verifying plant nomenclature; and S. Kenworthy for coordinating PI and associated records and correspondence. The efforts of J. Mowder, Communications and Data Services Division, also contributed to the highly successful and efficient operation of the PI computer system during 1980.

George A. White, agriculturalist
Beltsville Agricultural Research Center
Beltsville, Maryland 20705
436991. Cleyera japonica Thunb. (Theaceae).
From Japan. Donated by Kanagawa Prefectural Ofuna Botanical Garden, Kamakura, Kanagawa.
Received December 1979.
U.S. National Arboretum. NA-40589. Seed.

436992. Ternstroemia japonica Thunb. (Theaceae).
From Japan. Donated by Kanagawa Prefectural Ofuna Botanical Garden, Kamakura, Kanagawa.
Received December 1979.
U.S. National Arboretum. NA-40592. Seed.

436993. Potentilla nepalensis Hook. (Rosaceae).
From Soviet Union. Donated by Hortus Botanicus Centralis Academiae, Minsk.
Received December 1979.

436994. Hypericum frondosum Michx. (Clusiaceae).
From United States. Donated by U.S. Plant Introduction Station, Germplasm Resources Laboratory, USDA, Glenn Dale, Maryland.
Received December 1979.

436995. Agathis australis (Lamb.) Steud. (Araucariaceae).
From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.

436996. Arthropodium cirrhatum (Forst. f.) R. Br. (Liliaceae).
From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
436996-continued
Received December 1979.


From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


436998. Carmichaelia williamsii T. Kirk (Fabaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.

Collected February 1978. Plants small, to 9.2m. Leaves ovate, margins coarsely serrate, dark green with yellow-green marbling on upper surface, about 2.54cm diameter. Local name Marbleleaf. Tree. Cultivated. Cuttings.

437000. Dacrydium cupressinum Soland ex Lamb. (Podocarpaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries,
437000-continued
Dunedin. Received through Margot Williams, U.S. National
Arboretum, Washington, D.C.
Received December 1979.

Collected February 1978. Grows in moist situations, but
drought tolerant. Plants tall, to 31m. Bark of mature
trees reddish-brown, peeling off in long strips. Leaves
small, needle-like, bright yellow-green, grow all around
pendulous branchlets. Local name Rimu. Tree. Cultivated.
Cuttings.

437001. Entelea arborescens B. Br. (Tiliaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries,
Dunedin. Received through Margot Williams, U.S. National
Arboretum, Washington, D.C.
Received December 1979.

Collected February 1978. Plants small, to 6.15m. Leaves
large, bright green, cordate at base, three-lobed, lobes
acuminate at apex, margins serrate. Flowers white, 2.45cm
across, borne in cymes. Seed capsule bristled. Tree.
Cultivated. Cuttings.

437002. Fuchsia procumbens B. Cunn. ex A. Cunn. (Onagraceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries,
Dunedin. Received through Margot Williams, U.S. National
Arboretum, Washington, D.C.
Received December 1979.

Twigs slender, reddish-brown. Leaves rounded, small,
1.27cm diameter. Flowers erect. Berries magenta. Salt

437003. Gnaphalium sp. (Asteraceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries,
Dunedin. Received through Margot Williams, U.S. National
Arboretum, Washington, D.C.
Received December 1979.

Collected February 1978. Plants small. Leaves densely
covered with hairs giving a silver-gray appearance.
Flowers strawy, cream-white, about 1.3cm across, borne in
437004. Griselinia littoralis 'Baoul' (Cornaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


437005. Hebe x andersonii (Lindl. & Paxt.) Cockayne (Scrophulariaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


437006. Hebe cupressoides (Hook. f.) Ckn. & Allan (Scrophulariaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


437007. Hebe elliptica (Forst. f.) Fennell (Scrophulariaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


437008 TO 437009. Hebe x franciscana (Eastw.) Souster
437008 TO 437009-continued
(Scrophulariaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


437009. 'Waireka'. Collected February 1978. Shrubs evergreen, to 2.5m. Leaves variegated with cream-white around the margins. Perennial woody. Cultivated. Cuttings.

437010. Hebe hulkeana (F. Huell.) Ckn. & Allan (Scrophulariaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


437011. Hebe pinguifolia (Hook. f.) Ckn. & Allan (Scrophulariaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.

Collected February 1978. Found in subalpine scrub in dry areas. Shrubs evergreen, small to 0.3m. Leaves obovate, small. Flowers white, small. Perennial woody. Cultivated. Cuttings.

437012. Hebe salicifolia (Forst. f.) Pennell (Scrophulariaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.

437013. Hebe speciosa (A. Cunn.) Ckn. & Allan (Scrophulariaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


437014 to 437015. Hebe sp. (Scrophulariaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


437016. Hoheria populnea A. Cunn. (Malvaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.

437017. Collected February 1978. Shrubs to 3.7m. Bark brown, peeling in strips. Leaves narrow, needle-like, up to 1.27cm long, aromatic when crushed. Flowers small, pinkish-white. Local name Manuka. Perennial woody.
437017 TO 437018-continued
Cultivated. Cuttings.


437019. Libertia ixioides (Forst. f.) Spreng. (Iridaceae).


437021. Hyoporum laetum Forst. f. (Hyoporaceae).


437022. Nothofagus solandrii var. cliffortioides (Hook. f.) Poole (Fagaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National
437022-continued
Arboretum, Washington, D.C.
Received December 1979.


From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


437024. Phormium sp. (Agavaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.


From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.

Collected February 1978. Shrubs evergreen, slow-growing, small. Leaves needle-like when juvenile, lobed when mature, glaucous, blue-green, 2.54cm to 5.1cm long. Local name Mountain Toa Toa. Perennial woody. Cultivated. Cuttings.

437026. Pittosporum eugenioides A. Cunn. (Pittosporaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
Received December 1979.
437026-continued


437029. Podocarpus totara Genn. ex Don. (Podocarpaceae).


437030. Pseudopanax crassifolius (Soland. ex A. Cunn.) C. Koch (Araliaceae).

From New Zealand. Donated by Joyce Sansom, Koromiko Nurseries, Dunedin. Received through Margot Williams, U.S. National Arboretum, Washington, D.C.
437030-continued
Received December 1979.


437031. Pseudowintera colorata (Baoul) Dandy (Winteraceae).


Collected February 1978. Shrubs evergreen, slow-growing, to 2.5m. Leaves broadly elliptic, light green with narrow maroon margin and irregular maroon markings, aromatic when crushed. Local name Pepper tree. Perennial woody. Cultivated. Cuttings.


437033. Solanum laciniatum Ait. (Solanaceae).


Collected February 1978. Shrubs semi-woody, 1.85-2.5m. Leaves pinnatifid with variable number of lobes, 10.2cm to 20.3cm long. Flowers flat, violet, about 2.5cm across. Berries bright orange, 1.3 to 1.9cm in diameter. Perennial woody. Cultivated. Cuttings.
437034. Sophora microphylla Ait. (Fabaceae).


Collected February 1978. Plants deciduous, small, to 9.2m. Leaves pinnately compound, leaflets 0.6cm to 1.3cm in diameter. Flowers showy, yellow, borne in racemes. Local name Kowhai. Tree. Cultivated. Plants.

437035. Sophora tetrapetala J. Miller (Fabaceae).


Collected February 1978. Plants deciduous, small, 4.6m to 6.15m. Leaves pinnate, leaflets 3.8cm in diameter. Flowers golden yellow, borne in racemes. Local name Kowhai. Tree. Cultivated. Plants.

437036. Malus sylvestris Mill. (Rosaceae) Paradise apple.

From Romania. Collected by L. F. Hough, Department of Horticulture, Rutgers University, New Brunswick, New Jersey. Received December 1979.


437037. Malus sylvestris Mill. (Rosaceae) Paradise apple.

From Israel. Donated by Agricultural Research Organization Volcani Center, Bet Dagan. Received December 1979.


437038 to 437047. Malus sylvestris Mill. (Rosaceae) Paradise apple.

From Poland. Donated by Research Institute of Pomology, Pomologiczna 18. Received December 1979.


437048 TO 437050. Malus sylvestris Mill. (Rosaceae) Paradise apple.

From Canada. Donated by Carrot Valley Nursery, Saskatoon, Saskatchewan.
Received December 1979.


437051. Pyrus communis L. (Rosaceae) Pear.

From Canada. Donated by Carrot Valley Nursery, Saskatoon, Saskatchewan.
Received December 1979.


437052. Malus sylvestris Mill. (Rosaceae) Paradise apple.

From Hungary. Donated by S. Kovacs, Fruit Growing Department, University of Horticulture, Budapest.
Received December 1979.


437053 TO 437054. Malus sylvestris Mill. (Rosaceae) Paradise apple.

From New Zealand. Donated by Department of Scientific & Industrial Research, Plant Diseases Division, Auckland.
437053 to 437054-continued
Received December 1979.


437055. Malus baccata (L.) Borkh. (Rosaceae) Siberian crabapple.

From United Kingdom. Donated by East Malling Research Station, East Malling, Maidstone, Kent, England.
Received December 1979.

Received as M. baccata flexilis. Tree. Cultivated. Budwood.

437056. Malus x moerlandsii Doorenbos (Rosaceae).

From United Kingdom. Donated by East Malling Research Station, East Malling, Maidstone, Kent, England.
Received December 1979.


437057. Malus sp. (Rosaceae).

From United Kingdom. Donated by East Malling Research Station, East Malling, Maidstone, Kent, England.
Received December 1979.

'Roberts Crab'. Tree. Cultivar. Budwood.


From United Kingdom. Donated by East Malling Research Station, East Malling, Maidstone, Kent, England.
Received December 1979.


437059. Malus trilobata (Labill.) C. Schneid. (Rosaceae).

From United Kingdom. Donated by East Malling Research Station, East Malling, Maidstone, Kent, England.
Received December 1979.

437060. Pyrus communis L. (Rosaceae) Pear.

Received December 1979.


437061 TO 437062. Malus sylvestris Mill. (Rosaceae) Paradise apple.

From Bulgaria. Donated by Bulgarian Department of Horticulture, Sofia.
Received December 1979.


437063. Malus sylvestris Mill. (Rosaceae) Paradise apple.

From India. Donated by National Bureau of Plant Genetic Resources, IABI, New Delhi.
Received December 1979.


437064. Malus sylvestris Mill. (Rosaceae) Paradise apple.

From Pakistan. Donated by Pome and Nut Fruits Projects, Agricultural Research Institute, Tarnab, Peshawar.
Received December 1979.


437065. Pyrus communis L. (Rosaceae) Pear.

From France. Donated by INRA, Station de Recherches d'Arboriculture Fruitiere, 49000 Angers.
Received December 1979.


437066 TO 437067. Pyrus communis L. (Rosaceae) Pear.

From South Africa. Donated by Fruit and Fruit Technology Research Institute, Stellenbosch.
437066 to 437067—continued
Received December 1979.


437068. Arachis hypogaea L. (Fabaceae) Peanut.

From Sudan. Donated by A.M.B. El-Ahamdi, Sennar Research
Substation, Sennar.
Received July 1979.

NA 2/40. Virginia-type. Pods two segmented. Testa pink
or brown. Tolerant to Aspergillus flavus. Cultivated.
Seed.

437069 to 438513. Glycine max (L.) Merr. (Fabaceae) Soybean.

From Soviet Union. Donated by N. I. Korsakov, Division of Grain
Legume Crops, Vavilov Institute of Plant Industry, Leningrad.
Received August 1979.

437073. VIR 4112. Amurscaja 41. Amur Region, USSR. Seed.
437074. VIR 4385. Amurscaja 45. Amur Region, USSR. Seed.
437075. VIR 4122. Amurscaja 57. Amur Region, USSR. Seed.
437080. VIR 4956. Amurscaja 263. Amur Region, USSR. Seed.
437081. VIR 5568. Amurscaja 293. Amur Region, USSR. Seed.
437082. VIR 5567. Amurscaja 305. Amur Region, USSR. Seed.
437083. VIR 3743. Amurscaja Zeltaja. Amur Region, USSR. Seed.
437069 TO 438513—continued

437086. VIR 4568. DV-88. Far East, USSR. Seed.
437087. VIR 4570. DV-146. Far East, USSR. Seed.
437088. VIR 4578. DV-147. Far East, USSR. Seed.
437089. VIR 4581. DV-166. Far East, USSR. Seed.
437090. VIR 4572. DV-206. Far East, USSR. Seed.
437091. VIR 4573. DV-225. Far East, USSR. Seed.
437092. VIR 4579. DV-398. Far East, USSR. Seed.
437093. VIR 4566. DV-424. Far East, USSR. Seed.
437094. VIR 4567. DV-529. Far East, USSR. Seed.
437095. VIR 4571. DV-529. Far East, USSR. Seed.
437096. VIR 5015. DV-1477. Far East, USSR. Seed.
437097. VIR 4577. DV-1781. Far East, USSR. Seed.
437098. VIR 4569. DV-2407/2-1. Far East, USSR. Seed.
437099. VIR 5006. DV-0117. Far East, USSR. Seed.
437100. VIR 5009. DV-0140. Far East, USSR. Seed.
437101. VIR 5008. DV-0197. Far East, USSR. Seed.
437102. VIR 5014. DV-0220. Far East, USSR. Seed.
437103. VIR 5007. DV-0300. Far East, USSR. Seed.
437104. VIR 5010. DV-0804. Far East, USSR. Seed.
437105. VIR 1014. Gunczulinskaja. Far East, USSR. Seed.
437107. VIR 5303. 2-705. Far East, USSR. Seed.
437109. VIR 243. Far East, USSR. Seed.
437110. VIR 244. Far East, USSR. Seed.
437111. VIR 248. Far East, USSR. Seed.
437112. VIR 249. Far East, USSR. Seed.
437113. VIR 251. Far East, USSR. Seed.
437114. VIR 252. Far East, USSR. Seed.
437115. VIR 254. Far East, USSR. Seed.
437116. VIR 521. Far East, USSR. Seed.
437117. VIR 532. Far East, USSR. Seed.
437118. VIR 535. Far East, USSR. Seed.
437119. VIR 1016. Far East, USSR. Seed.
437120. VIR 1017. Far East, USSR. Seed.
437121. VIR 1023. Far East, USSR. Seed.
437122. VIR 1026. Far East, USSR. Seed.
437123. VIR 4575. Far East, USSR. Seed.
437128. VIR 5242. Georgian SSR. Seed.
437129. VIR 555. Irkutsk Region, USSR. Seed.
437069 TO 438513—continued

437140. VIR 5259. Dol'nevestornaja 913. Khabarovsk Province, USSR. Seed.
437141. VIR 4376. DV-2396. Khabarovsk Province, USSR. Seed.
437142. VIR 4379. DV-2397. Khabarovsk Province, USSR. Seed.
437143. VIR 4377. DV-2398. Khabarovsk Province, USSR. Seed.
437144. VIR 4966. DVIZ-13-484. Khabarovsk Province, USSR. Seed.
437146. VIR 4965. I-309. Khabarovsk Province, USSR. Seed.
437151. VIR 4981. COS-578. Krasnodar Province, USSR. Seed.
437154. VIR 4386. Cubanscaja 52. Krasnodar Province, USSR. Seed.
437069 TO 438513—continued


437165. VIR 5244. Toncostebel'naja 27. Krasnodar Province, USSR. Seed.


437167. VIR 4983. VNIISC-1. Krasnodar Province, USSR. Seed.

437168. VIR 4984. VNIISC-2. Krasnodar Province, USSR. Seed.


437171. VIR 4205. Krasnodar Province, USSR. Seed.


437174. VIR 4974. Cujbysevscaja 70. Kuybyshev Region, USSR. Seed.

437175. VIR 4394. Cujbysevscaja 77. Kuybyshev Region, USSR. Seed.


437179. VIR 4904. COS 53. Lithuanian SSR. Seed.

437180. VIR 4907. DSS 19. Lithuanian SSR. Seed.

437181. VIR 4912. DSS 2527. Lithuanian SSR. Seed.
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<th>Code</th>
<th>Seed Name</th>
<th>Origin</th>
<th>Country</th>
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<td>437182</td>
<td>VIR 4917. DSS 2528.</td>
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<td>Seed.</td>
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<td>VIR 4905. DSS Juodon.</td>
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<td>VIR 4902. M-4.</td>
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<td>Lithuanian SSR.</td>
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<td>437187</td>
<td>VIR 4048. Pintars.</td>
<td>Lithuanian SSR.</td>
<td>Seed.</td>
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<td>437190</td>
<td>VIR 4832. Bessarabea III.</td>
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<td>VIR 4856. Bessarabea III.</td>
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<td>VIR 5174. CSchi 34.</td>
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437069 TO 438513—continued

437208. VIR 5175. CSchi 35. Moldavian SSR. Seed.
437209. VIR 5176. CSchi 36. Moldavian SSR. Seed.
437210. VIR 5182. CSchi 43. Moldavian SSR. Seed.
437211. VIR 5183. CSchi 44. Moldavian SSR. Seed.
437212. VIR 5185. CSchi 47. Moldavian SSR. Seed.
437214. VIR 4716. CSchi 599. Moldavian SSR. Seed.
437215. VIR 4717. CSchi 608. Moldavian SSR. Seed.
437216. VIR 5140. CSchi 615. Moldavian SSR. Seed.
437217. VIR 4775. CSchi 618. Moldavian SSR. Seed.
437218. VIR 4733. CSchi 625. Moldavian SSR. Seed.
437219. VIR 4738. CSchi 630. Moldavian SSR. Seed.
437220. VIR 4739. CSchi 631. Moldavian SSR. Seed.
437221. VIR 4745. CSchi 639. Moldavian SSR. Seed.
437222. VIR 4770. CSchi 671. Moldavian SSR. Seed.
437223. VIR 4771. CSchi 672. Moldavian SSR. Seed.
437224. VIR 4772. CSchi 675. Moldavian SSR. Seed.
437225. VIR 4773. CSchi 676. Moldavian SSR. Seed.
437226. VIR 4774. CSchi 678. Moldavian SSR. Seed.
437227. VIR 5143. CSchi 693. Moldavian SSR. Seed.
437228. VIR 5144. CSchi 694. Moldavian SSR. Seed.
437229. VIR 5142. CSchi 709. Moldavian SSR. Seed.
437230. VIR 5141. CSchi 710. Moldavian SSR. Seed.
437231. VIR 4801. CSchi 711. Moldavian SSR. Seed.
437232. VIR 4802. CSchi 712. Moldavian SSR. Seed.
437233. VIR 4804. CSchi 714. Moldavian SSR. Seed.
437234. VIR 4805. CSchi 715. Moldavian SSR. Seed.
437235. VIR 4807. CSchi 717. Moldavian SSR. Seed.
437236. VIR 4819. CSchi 731. Moldavian SSR. Seed.
437237. VIR 4822. CSchi 737. Moldavian SSR. Seed.
437238. VIR 4859. CSchi 1006. Moldavian SSR. Seed.
437239. VIR 5139. CSchi 1062. Moldavian SSR. Seed.
437240. VIR 4828. CSchi 1069. Moldavian SSR. Seed.
437241. VIR 5135. CSchi 1075. Moldavian SSR. Seed.
437242. VIR 4836. CSchi 1081. Moldavian SSR. Seed.
437243. VIR 4838. CSchi 1083. Moldavian SSR. Seed.
437244. VIR 5137. CSchi 1085. Moldavian SSR. Seed.
437245. VIR 5138. CSchi 1086. Moldavian SSR. Seed.
437246. VIR 4841. CSchi 1087. Moldavian SSR. Seed.
437247. VIR 4842. CSchi 1089. Moldavian SSR. Seed.
437248. VIR 4843. CSchi 1090. Moldavian SSR. Seed.
437254. VIR 4753. Dobruzanca 35. Moldavian SSR. Seed.
437256. VIR 4788. Dobruzanca 41. Moldavian SSR. Seed.
437257. VIR 4820. Dobruzanca 47. Moldavian SSR. Seed.
437069 TO 438513—continued

437260. VIR 4737. Dobruzanca 629. Moldavian SSR. Seed.
437261. VIR 4793. Dobruzanca 700. Moldavian SSR. Seed.
437263. VIR 4786. Dobruzanca B. Moldavian SSE. Seed.
437264. VIR 4747. Dobruzanca B-642. Moldavian SSR. Seed.
437265. VIR 4716. Dobruzanca D. Moldavian SSE. Seed.
437266. VIR 4847. Dobruzanca S. Moldavian SSR. Seed.
437267. VIR 4767. Dobruzanca I. Moldavian SSR. Seed.
437268. VIR 4757. Dobruzanca IV. Moldavian SSR. Seed.
437269. VIR 4727. Dobruzanca V. Moldavian SSE. Seed.
437272. VIR 4047. Rajner. Moldavian SSR. Seed.
437278. VIR 4922. Moldavian SSR. Seed.
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437069 TO 438513—continued

437069 TO 438513—continued

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437069 TO 438513—continued

438334. VIR 5913. 250-207C. Algeria. Seed.
438335. VIR 5938. SAO 196-C. Algeria. Seed.
438336. VIR 5907. SAO 208. Algeria. Seed.
438338. VIR 5935. Serda 213A. Algeria. Seed.
438341. VIR 5923. Algeria. Seed.
437069 TO 438513—continued

438377. VIR 4011. Delitzscher. From Germany. Seed.
438383. VIR 4396. Stamm Dornburger. From Germany. Seed.
438384. VIR 5267. From Germany. Seed.
438389. VIR 5723. Fruwirths Schwarze Pبدو. German Democratic Repub. Seed.
438419. VIR 5817. SWHN. Hungary. Seed.
438424. VIR 5481. India. Seed.
438425. VIR 5482. India. Seed.
438426. VIR 5530. India. Seed.
438427. VIR 5532. India. Seed.
438430. VIR 5528. Israel. Seed.
438431. VIR 5529. Israel. Seed.
438432. VIR 5823. Israel. Seed.
438433. VIR 5229. Italy. Seed.
438446. VIR 5773. Czarna SWHN. Poland. Seed.
438447. VIR 5574. Dickmana. Poland. Seed.
438451. VIR 5740. Mlohowska. Poland. Seed.
438453. VIR 5772. Pulawsna Zo'ltta Weresna. Poland. Seed.
438470. VIR 5777. Romania. Seed.
437069 TO 438513-continued

438481. VIR 5590. Fiskeby 856-3-34. Sweden. Seed.
437069 TO 438513—continued

438506. VIR 54. United States. Seed.
438507. VIR 92. United States. Seed.


From Japan. Donated by Takii & Company, Ltd., Kyoto.
Received January 1980.

Kyoto-fu. Received as synonym, S. sieboldii. Cultivated.
Tubers.

438515 TO 438519. Lens culinaris Medik. (Fabaceae) Lentil.

From Turkey. Donated by Osman Tosun, Ziraat Facultesi,
Universitesi of Ankara, Ankara. Received through W. J.
Kaiser, Regional Plant Introduction Station, Pullman,
Washington.
Received December 1979.

Seed.
Seed.
Seed.
438515 TO 438519-continued


438520 TO 438525. Festuca arundinacea Schreb. (Poaceae) Tall fescue.


438520. SA2-60075. Selected from 'Kenmont'. Cultivated. Seed.

438521. SA2-60082. Selected from 'Kenmont'. Cultivated. Seed.

438522. SA2-60085. Selected from 'Kenmont'. Cultivated. Seed.

438523. SA2-60154. Selected from 'Kenwell'. Cultivated. Seed.


438526 TO 438529. Poa pratensis L. (Poaceae) Kentucky bluegrass.


438530. Abelmoschus esculentus (L.) Moench (Malvaceae) Okra.

From Belize. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa.
438530-continued
Received December 1979.


438531 TO 438538. Capsicum annuum L. (Solanaceae).

From Belize. Collected by H. F. Winters and B. I. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438539 TO 438540. Capsicum sp. (Solanaceae).

From Belize. Collected by H. F. Winters and B. I. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.
438539 TO 438540-continued


438540. W-C 2232. Collected February 01, 1979. Pa Achaca. Fruit pungent, red, 0.6 cm wide, 1.5 cm long. Cultivated. Seed.

438541 TO 438543. Cucurbita lundelliana Bailey (Cucurbitaceae).

From Belize. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438544 TO 438547. Cucurbita mixta Pang. (Cucurbitaceae).

From Belize. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438548 TO 438553. Cucurbita moschata (Duch.) Duch. ex Foir. (Cucurbitaceae) Squash.

From Belize. Collected by H. F. Winters and R. L. Clark, USDA,
438548 TO 438553—continued
Germplasm Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.


long necked. Cultivated. Seed.

large, round. Cultivated. Seed.

top shape, whitish with tan, 26cm wide, 20cm long.
Cultivated. Seed.

flattened top shape, deeply ribbed, white, mottled green
and brown, 36cm wide, 18cm long. Cultivated. Seed.

Concepcion. fruit depressed globose, ribbed, dark orange-
brown, 28cm in diameter. Cultivated. Seed.

438554. Gossypium sp. (Malvaceae) Cotton.

From Belize. Collected by H. F. Winters and R. L. Clark, USDA,
Germplasm Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

to 2m. Lint white. Cultivated. Seed.

438555. Lycopersicon esculentum Mill. (Solanaceae) Tomato.

From Belize. Collected by H. F. Winters and R. L. Clark, USDA,
Germplasm Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

Achaca. Fruit flattened globose, 6 locules, 4cm long, 6cm

438556. Lycopersicon esculentum var. cerasiforme (Dunal) A. Gray
(Solanaceae) Cherry tomato.

From Belize. Collected by H. F. Winters and R. L. Clark, USDA,
438556-continued

Germplasm Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

vigorou. Fruit 2.5cm diameter, red. Juice of green fruit
taken for sore throat. Cultivated. Seed.

438557. Abutilon sp. (Malvaceae).

From Guatemala. Collected by H. F. Winters and E. L. Clark, USDA,
Germplasm Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

W-C 2422. Collected February 21, 1979. Km 160, Zacapa-
-Chiquimulá road, Chiquimulá Dept. Shrub to 3m. Leaves
cordate, 12cm diam. Flowers open flat, 9cm in diam.,
glossy yellow with dark reddish eye. Wild. Seed.

438558 to 438565. Capsicum annuum L. (Solanaceae).

From Guatemala. Collected by H. F. Winters and E. L. Clark, USDA,
Germplasm Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

Chiquimulá, Chiquimulá Dept. Fruit conical, blunt apex,
cracked skin, pungent, red, 2.5cm wide, 5cm long.
Cultivated. Seed.

Chiquimulá, Chiquimulá Dept. Plant pubescent. Fruit
conical, pungent, red, to 1.0cm wide and 4cm long.
Cultivated. Seed.

Chiquimulá, Chiquimulá Dept. Fruit irregular conical, 3-
lobed, sweet, red, 5cm wide, 10cm long. Cultivated. Seed.

Guatemala City to Puerto Barrios. Fruit pointed, pungent,
red, 1 cm wide, 6cm long. Cultivated. Seed.

Public market, Guatemala City. Fruit heart-shaped, red,
6cm wide, 9cm long. Flesh thick, sweet. Cultivated. Seed.

Public market, Guatemala City. Fruit conical, thin


438566 TO 438568. Capsicum sp. (Solanaceae).

From Guatemala. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

438566. W-C 2429. Collected February 22, 1979. Ruins at Quirigua, Izabal Dept. Plants erect, 1 m tall. Fruit erect, ovoid, pungent, yellow, 0.5cm wide, 0.7cm long. Perennial herb. Wild. Seed.

438567. W-C 2452. Collected February 27, 1979. Public market, Coban, Alta Verapaz Dept. Fruit ovate, pointed, pungent, red, 0.5cm wide, 1.5cm long. Cultivated. Seed.


438569. Catharanthus roseus (L.) G. Don (Apocynaceae).

From Guatemala. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


From Guatemala. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

438571 TO 438572. Cucurbita ficifolia Bouche (Cucurbitaceae) Figleaf gourd.

From Guatemala. Collected by H. F. Winters and E. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438572. W-C 2462. Farm at Km 128, road to Chichicastenango, Solola Dept. 2461 m. Seed white. Local name Chilacayote (Tzil-acayotli). Cultivated. Seed.

438573 TO 438575. Cucurbita maxima Duch. (Cucurbitaceae) Winter squash.

From Guatemala. Collected by H. F. Winters and E. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438576 TO 438577. Cucurbita moschata (Duch.) Duch. ex Poir. (Cucurbitaceae) Squash.

From Guatemala. Collected by H. F. Winters and E. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


Cucurbita pepo L. (Cucurbitaceae) Pumpkin.

From Guatemala. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


Cucurbita sp. (Cucurbitaceae).

From Guatemala. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


Gossypium hirsutum L. (Malvaceae) Upland cotton.

From Guatemala. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

438584. Gossypium sp. (Malvaceae) Cotton.

From Guatemala. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


From Guatemala. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438586. Houstonia serpyllacea (Schlecht.) C. L. Sm. ex Greenm. (Rubiaceae).

From Guatemala. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438587 TO 438590. Lycopersicon esculentum Mill. (Solanaceae) Tomato.

From Guatemala. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438587 TO 438590-continued


438591 TO 438595. Lycopersicon esculentum var. cerasiforme (Dunal) A. Gray (Solanaceae) Cherry tomato.

From Guatemala. Collected by H. F. Winters and E. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438596. Orthrosanthus chimboracensis var. centro-americanus Steyermark (Iridaceae).

From Guatemala. Collected by H. F. Winters and E. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438597 TO 438598. Phaseolus coccineus L. (Fabaeeae) Scarlet runner bean.

From Guatemala. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant
438597 to 438598—continued

Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.


438599. Pouteria sapota (Jacq.) H. E. Moore & Stearn (Sapotaceae).

From Guatemala. Collected by H. F. Winters and B. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438600 to 438601. Tabebuia sp. (Bignoniaceae).

From Guatemala. Collected by H. F. Winters and B. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438602. Tithonia sp. (Asteraceae).

From Guatemala. Collected by H. F. Winters and B. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

438603. Allium sp. (Amaryllidaceae).

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438604. Annona sp. (Annonaceae).

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

W-C 2078. Mexico. Uxmal, Yucatan. Campo Agricola Experimental. Collected January 24, 1979. Plants 3m. Fruit heart shaped, pale rose, 0.5 to 1.5kg. Skin smooth with shallow depressions. Local name Anona.

438605. Arachis hypogaea L. (Fabaceae) Peanut.

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438606. Asparagus sp. (Liliaceae).

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438607. Pithecoctenium echinatum (Jacq.) K. Schum. (Bignoniaceae).

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa.
438607-continued
Received December 1979.


438608 TO 438668. Capsicum annuum L. (Solanaceae).

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438680 TO 438688—continued

Huna, Yucatan. Fruit rounded, blunt, sweet, red, 6 cm diam. Cultivated. Seed.


438628. W-C 2160. Mahsh. Collected January 25, 1979. Dzan, Yucatan. Plants to 1.2 m. Fruit erect, pungent, 0.3 cm diam., 0.5 cm long. Cultivated. Seed.


438669. Capsicum sp. (Solanaceae).

From Mexico. Collected by H. F. Winters & E. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


From Mexico. Collected by H. F. Winters & E. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438671 to 438677. Citrullus lanatus (Thunb.) Matsum. & Nakai (Cucurbitaceae) Watermelon.

From Mexico. Collected by H. F. Winters & E. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438671 TO 438677—continued


438678 TO 438679. Cucumis anguria L. (Cucurbitaceae) West Indian gherkin.

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438680 TO 438688. Cucumis melo L. (Cucurbitaceae) Musk melon.

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438696. W-C 2412. Collected February 16, 1979. Public market,

Cucurbita lundelliana Bailey (Cucurbitaceae).

From Mexico. Collected by H. F. Winters & B. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


Cucurbita martinezii L. H. Bailey (Cucurbitaceae).

From Mexico. Collected by H. F. Winters & B. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

W-C 2295. Collected February 08, 1979. Along road at edge Fortin de las Flores, Veracruz. Fruit round, hard, smooth, light green, buff mottling, striped at blossom end. Flesh white. Seeds obovate, pointed, margined, light gray, .5-.7cm wide, 1.0-1.2cm long. Locally called Horchete. Wild. Seed.

Cucurbita mixta Pang. (Cucurbitaceae).

From Mexico. Collected by H. F. Winters & B. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438699 TO 438722—continued
Cultivated. Seed.

Cultivated. Seed.

Merida, Yucatan. Seeds large, white, border thick gray.
Cultivated. Seed.

Seeds large, white, border gray. Cultivated. Seed.

Fruit round, smooth. Seeds medium, white, border gray.
Cultivated. Seed.

Campeche. Seeds medium, white, gray border. Favorite for
eating. Locally called Xtop. Cultivated. Seed.

Locally called Tallallota. Cultivated. Seed.

Locally called Pipiana. Seeds white with wide gray border.
Cultivated. Seed.

438710. W-C 2292. Collected February 08, 1979. Public market,
Good for eating. Cultivated. Seed.

Flores, Km 25 between Huatusco and Veracruz, Veracruz.
Cultivated. Seed.

438712. W-C 2315. Collected February 09, 1979. Paso de Ovejas,
Veracruz. Seeds long, white with gray border. Locally
called Pipiana. Cultivated. Seed.

between Acayucan and Juchitan, Veracruz. Seeds large,
white, wide gray border. Cultivated. Seed.

Juarez, Oaxaca. Seeds elongated, white, narrow gray

Juarez, Oaxaca. Seeds elongated, tan. Locally called
Huiche. Cultivated. Seed.

Cumbre, between Oaxaca and Guelatao de Juarez, Oaxaca.


438723 to 438808—continued


438764. W-C 2221. Collected January 31, 1979. Vicente Guerrero,
Campeche. Fruit oblong, lightly ribbed, light tan, 10 cm wide, 28 cm long. Cultivated. Seed.


438723 TO 438808—continued

5km from Alvarado toward San Pedro Tuxtla, Veracruz. Obtained by Juan Santo. Cultivated. Seed.


107
438723 TO 438808—continued


438809 TO 438831. Cucurbita pepo L. (Cucurbitaceae) Pumpkin.

From Mexico. Collected by H. F. Winters & B. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438832 TO 438836. Cucurbita sp. (Cucurbitaceae).

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

438832. W-C 2286. Collected February 08, 1979. Copalillo, Km 55, on Route 150, Veracruz. Fruit elongate globose, hard, dark green with interrupted white stripes, 6 cm diam., 8 cm long. Flesh white, no cavity. Seeds tan obovate, 0.6 cm diam., 0.9-1.0 cm long. Locally called Horchete. Cultivated. Seed.

438833. W-C 2304. Collected February 08, 1979. Km 91 on Huatusco-Conejos Road, Veracruz. Fruit oval, hard, 8 cm wide, 10 cm long, dark green, striped and blotched white. Stem angled, rough, hard, slightly flared. Flesh cream colored, no cavity. Seeds obovate, 0.5-0.7 cm wide, 1.0-1.3 cm long, dark tan, narrow margin. Cultivated. Seed.

438834. W-C 2311. Collected February 09, 1979. Near Tamarindo, between Tamarindo and Ovejas, Veracruz. Fruit elliptical,
hard, dark green striped and mottled white, 5 to 8 cm diam. Seeds obovate 0.5 cm wide, 0.8 to 1.0 cm long, tan, narrow margin. Cultivated. Seed.

W-C 2363. Collected February 09, 1979. Near river at Km 40, Route 190 between Cazadero and Santo Domingo, Caxaca. Fruit ovoid to obovate, hard shelled, smooth, dark green with white stripes, 8 cm diam., 12 cm long. Peduncle 5 ribbed, smooth, slightly expanded, 1 cm thick. Flesh yellow. Seeds tan, obovate 0.5 cm diam., 1 cm long, narrow margin. Cultivated. Seed.


Gossypium hirsutum L. (Malvaceae) Upland cotton.

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


Gossypium sp. (Malvaceae) Cotton.

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438842. Hibiscus uncinellus DC. (Malvaceae).

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438843. Hibiscus sp. (Malvaceae).

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438844 TO 438846. Lagenaria siceraria (Hol.) Standl. (Cucurbitaceae) Bottle gourd.

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438844 TO 438846-continued
long. Locally called Tol or Jicalpeste. Cultivated. Seed.

438846. W-C 23761. Collected February 14, 1979. Rancho Panana,
Villa Flores, Chiapas. Fruit depressed globose, 35cm diam.,
20cm. long. Locally called Tol or Jicalpeste. Cultivated.

438847 TO 438848. Lagenaria sp. (Cucurbitaceae).
From Mexico. Collected by H. F. Winters and R. L. Clark, USDA,
Germplasm Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

Fruit said to be round. Locally called Calabazos.
Cultivated. Seed.

Jiquipilas, Chiapas. Fruit elongated obovate, prolonged
into neck, 38cm long. Cultivated. Seed.

438849. Leucaena leucocephala (Lam.) de Wit (Fabaceae) Leadtree.
From Mexico. Collected by H. F. Winters and R. L. Clark, USDA,
Germplasm Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

W-C 2294. Collected February 08, 1979. Public market,
Cordoba, Veracruz. Fruit 1.5cm wide, 15cm long, green.
Wild. Seed.

438850. Leucaena pulverulenta (Schlecht.) Benth. (Fabaceae).
From Mexico. Collected by H. F. Winters and R. L. Clark, USDA,
Germplasm Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

W-C 2293. Collected February 08, 1979. Public market,
Cordoba, Veracruz. Fruit 2cm wide, 20cm long, purplish
red. Wild. Seed.

438851 TO 438852. Luffa aegyptiaca Hill. (Cucurbitaceae) Vegetable
sponge.
From Mexico. Collected by H. F. Winters and R. L. Clark, USDA,
Germplasm Resources Laboratory, and North Central Regional Plant
438851 TO 438852-continued
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.


438853. Lupinus sp. (Fabaceae).

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

W-C 2342. Collected February 12, 1979. Colonia de Cumbre, Km 219 between Oaxaca and Guelatao de Juarez, Oaxaca. 2550m. Herb to 0.6m. Flowers bluish. Fruit 3-4cm long. Wild. Seed.

438854 TO 438878. Lycopersicon esculentum Mill. (Solanaceae) Tomato.

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.


438854 to 438878—continued

Wide, 7 cm long, pink. Cultivated. Seed.


438879 TO 438896. Lycopersicon esculentum var. cerasiforme (Dunal) A. Gray (Solanaceae) Cherry tomato.

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438879 TO 438896-continued

Cristobal de las Casas, Chiapas. Fruit globose, 1 cm diam., red. Wild. Seed.


438897 TO 438898. Lycopersicon pimpinellifolium (L.) Mill. (Solanaceae) Currant tomato.

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

438897. W-C 2359. Collected February 12, 1979. Km 142, above Manguita, road Totolapan to Tehuantepec, Oaxaca. Foliage fine. Fruit globose, 6-7 per raceme, 0.7 cm diam. Wild. Seed.


438899 TO 438900. Malpighia sp. (Malpighiaceae).

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438901. Manilkara zapota (L.) Van Royen (Sapotaceae) Sapodilla.

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

438901-continued
seeds, 10cm diam., 13cm long. Cultivated. Seed.

438902 TO 438904. Pachyrhizus erosus (L.) Urb. (Fabaceae).

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438905 TO 438907. Parmentiera aculeata (H.B.K.) L. Wm. (Bignoniaceae).

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438908. Passiflora edulis Sims (Passifloraceae) Purple granadilla.

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.
438908-continued


438909. Passiflora sp. (Passifloraceae).

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438910. Phaseolus coccineus L. (Fabaceae) Scarlet runner bean.

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438911 to 438916. Phaseolus lunatus L. (Fabaceae) Lima bean.

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438911 TO 438916-continued


438917 TO 438920. Phaseolus vulgaris L. (Fabaceae) Garden bean.

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438921 TO 438924. Polyclathra cucumerina Bertol. (Cucurbitaceae).

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

438921. W-C 2334. Collected February 11, 1979. Along road Acayucan-Juchitan, Oaxaca. Slender climbing vine. Fruit oblong, 4.5cm diam., 6cm long, smooth, base dark green with white stripes, apex white, partially dehiscent at apex along 3 sutures. Seeds embedded in chambered papery placental tissue, flat, dark brown, 0.9cm long. Locally called Calabazade raton. Wild. Seed.


438925. Psophocarpus tetragonolobus (L.) DC. (Fabaceae) Hinged bean

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438926. Randia sp. (Rubiaceae).

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438927. Sanvitalia procumbens Lam. (Asteraceae).

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

**438928 to 438930. Tagetes sp. (Asteraceae).**

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


- **438930. W-C 2368.** Collected February 13, 1979. Km 20, Road 190, between Juchitan and Tuxtla Gutierrez, Chiapas. 1000 m. Herb to 0.6 m. Foliage aromatic. Flowers bright orange, 4 cm diam. Locally called Musa. Wild. Seed.

**438931. Thevetia sp. (Apocynaceae).**

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.

- **W-C 2403.** Collected February 16, 1979. Garden 2 blocks toward center of city from Bonampak Hotel, Tuxtla Gutierrez. Evergreen shrub to 2 m. Leaves obovate glossy green, 4 cm across, 7 cm long. Flowers tubular, 3 cm long, 5-petaled. Petals 1.5 cm long, twisted, yellowish-green. Fruit 2-lobed, 3 cm wide, 5 cm long, bright glossy red, pulp thick. Seeds ovate, concave, 1.5 cm wide, 2.3 cm long. Cultivated. Seed.

**438932. Tithonia diversifolia (Hemsl.) A. Gray (Asteraceae).**

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


**438933. Tithonia sp. (Asteraceae).**

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA,
438933-continued
Geraplasa Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

W-C 2312. Collected February 09, 1979. Near Guayabal,
Municipio Paso de Ovejas, Veracruz. Branched herb to 3m
tall. Flowers with single row ray petals, yellow. Weed in
cornfields. Wild. Seed.

438934. Vigna unguiculata subsp. sesquipedalis (L.) Verdc. (Fabaceae)
Yard-long bean.
From Mexico. Collected by H. F. Winters and R. L. Clark, USDA,
Geraplasa Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

W-C 2383. Collected February 14, 1979. South of Villa
Flores, Chiapas. Pods slender, 19cm long. Seeds brown.
Cultivated. Seed.

438935 TO 438940. Vigna unguiculata (L.) Walp. subsp. unguiculata
(Fabaceae) Southern pea.
From Mexico. Collected by H. F. Winters and R. L. Clark, USDA,
Geraplasa Resources Laboratory, and North Central Regional Plant
Introduction Station, Beltsville, Maryland and Ames, Iowa.
Received December 1979.

Cultivated. Seed.

Cultivated. Seed.

Cultivated. Seed.

Cultivated. Seed.

Cultivated. Seed.

Chiapas. Locally called Frijol Andaloncito. Cultivated.
438941 to 438943. **Zea mays L. (Poaceae)** Field corn.

*From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.*


438944. **Zebrina sp. (Commelinaceae).**

*From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.*

**W-C 2150.** Upper rim of cenote at Yaxcaba, Yucatan. Trailing herb, rooting at nodes. Leaves ovate, 2cm wide, 3cm long, marked on upper surface with purple. Wild. Cuttings.

438945. **Undetermined (Fabaceae).**

*From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.*

**W-C 2361.** Collected February 13, 1979. Km 40, Route 190, between Cazadero and Santo Domingo, Caxaca. Sparcely branched shrub to 3m. Leaf decompound. Flowers in terminal racemes, not expanding widely, 3cm long, yellow with orange tip. Pods 6cm long. Wild. Seed.
438946 TO 438947. Undetermined (Rubiaceae).

From Mexico. Collected by H. F. Winters and R. L. Clark, USDA, Germplasm Resources Laboratory, and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received December 1979.


438948 TO 438950. Zea mays L. (Poaceae) Field corn.

From China, Peoples Repub of. Donated by Wan-chen Cheng, Institute of Genetics, Academia Sinica, Beijing. Received January 1980.


438951 TO 438952. Setaria italica (L.) Beauv. (Poaceae) Foxtail millet.


438953. Microcitrus sp. (Rutaceae).

From Australia. Collected by A. W. Carle, Gordonville, Queensland
438953-continued

438954. 

Gossypium arboreum L. (Malvaceae) Ceylon cotton.

From China, Peoples Repub of. Donated by China National Seed Corporation, Beijing.

Received January 1980.


438955 TO 438958. Gossypium hirsutum L. (Malvaceae) Upland cotton.

From China, Peoples Repub of. Donated by China National Seed Corporation, Beijing.

Received January 1980.


From Canada. Donated by E. Reinbergs, Crop Science, University of Guelph, Guelph, Ontario.
Received January 1980.

From Soviet Union. Donated by N.I. Vavilov Institute of Plant Industry, Leningrad.
Received January 1980.


438963. VIR 49287. Ishumskaja 100. Kazakh SSR. Received as var. cutescens. Annual. Cultivated. Seed.


From Soviet Union. Donated by N.I. Vavilov Institute of Plant Industry, Leningrad.
Received January 1980.

438970-continued
Cultivated. Seed.

From Soviet Union. Donated by N.I. Vavilov Institute of Plant
Industry, Leningrad.
Received January 1980.

Seed.

438972 TO 438975. Triticum durum Desf. (Poaceae) Durum wheat.
From Soviet Union. Donated by N.I. Vavilov Institute of Plant
Industry, Leningrad.
Received January 1980.

438973. VIR 45351. Har 'kovskaja 51. Ukrainian SSR. Annual.
Cultivated. Seed.
Cultivated. Seed.

From Soviet Union. Donated by N.I. Vavilov Institute of Plant
Industry, Leningrad.
Received January 1980.


From France. Donated by Service des Plantations de la Ville de
Nantes Jardin Botanique, 44000 Nantes. Code numbers refer to 1978
seed list.
Received December 1979.

168. Received as Asparagus prostratus Dum. Wild. Seed.

From United States. Donated by Tobacco Laboratory, USDA
Agricultural Research Center, Beltsville, Maryland.
438978-continued
Received through D. Hoffman, Div. of Envir.
Carcinogenesis, Maylor Dana Inst.,
Valhalla, NY.
Received December 1979.


438979. Asparagus officinalis var. prostratus (Dum.) Baker (Liliaceae).
From France. Donated by Station Nationale d'Essais de Semences,
Service Botanique, Versailles.
Received December 1979.
Collected August 11, 1975. Maritime sands, Plovan,
Finistere Dept. Wild. Seed.

438980 TO 438981. Gossypium hirsutum L. (Malvaceae) Upland cotton.
From Brazil. Donated by Instituto Agronomico de Campinas, Sao Paulo.
Received December 1979.

438982. Sisyrinchium bermudiana L. (Iridaceae).
From Bermuda. Donated by H. F. Winters, USDA, Germplasm Resources
Laboratory, Beltsville, Maryland. Received through Charles Gastrock,
Warrick, Bermuda.
Received January 1980.
Flowers purple, yellow-eyed, borne on spikes. Local name Bermudiana. Wild. Seed.

438983 TO 439003. Zoysia japonica Steud. (Poaceae) Zoysia.
From Korea, Republic of. Collected by Do Yi Yeam, Department of
Horticultural Science, College of Agriculture, Seoul National
University, Suweon.
Received December 1979.
438983. KLS1. Collected July 1979. South edge of mountains,
north of Jinju, Kyong Sang Nam Do. 50-80m. Leaf 0.03cm wide. Blade 4.5cm long. Sheath 3.7cm long. Flowering culm 7.3cm long. Local name Jin ju cham Jan di. Wild. Rhizomes.

438985. KLS3. Collected July 1979. Iri, Jeon La Buk Do. 50m. Widely established in collection area. Leaf 0.023cm wide. Blade 4.9cm long. Sheath 2.6cm long. Flowering culm 8.0cm long. Local name Kum Jan di. Wild. Rhizomes.


438987. KLS5. Collected July 1979. South coastline of Jin ju, Kyong Sang Nam Do. 2-10m. Leaf 0.02cm wide. Blade 5.6cm long. Local name Jin ju Gaet Jan di. Wild. Rhizomes.


438990. KLS8. Collected July 1979. Southern slopes of mountains, Osan, Kyonggi Do. 30-50m. Leaf 0.022cm wide. Blade 5.7cm long. Local name Kum Jan di. Wild. Rhizomes.


438994. KLS12. Collected July 1979. West of Jeon Ju, Jeon La Buk Do. 30-60m. Primary turf in collection area. Leaf 0.03cm wide. Blade 7.5cm long. Local name Jan di. Wild. Rhizomes.

438995. KLS13. Collected July 1979. South of Jeon Ju, Jeon La Buk Do. 20-50m. Primary turf in collection area. Leaf 0.024cm wide. Blade 4.7cm long. Local name Jeon Buk Kum...
438983 to 439003—continued


439002. KLS20. Collected July 1979. Coastline of Seogwipo area, Jeju Do. 5-10m. Leaf 0.03cm wide. Blade 1.2cm long. Local name Kum Jan di. Wild. Rhizomes.


439004. Zoysia tenuifolia Willd. ex Thiele (Poaceae).

From Korea, Republic of. Collected by Do Yi Yeam, Department of Horticultural Science, College of Agriculture, Seoul National University, Suwon.

Received December 1979.


439005 to 439012. Medicago sativa L. (Fabaceae) Alfalfa.

From Egypt. Donated by A. Ramah, Field Crops Research Institute,
439005 TO 439012-continued
Agriculture Research Center, Giza. Received through Public Law 480
Project FG-EG-183.
Received January 1980.

Seed.

Seed.

Seed.

439008. Iraq. Local variety. Received from ICARDA, Aleppo, Syria.
Cultivated. Seed.


439011. Egypt. Sewa Oasis. Open-pollinated seeds from single

439012. Egypt. Sewa Oasis. Self-pollinated seeds from a single

439013 TO 439014. Vitis hybrid (Vitaceae).

From Canada. Donated by C. Pollard, Post-entry Quarantine
Station, Sidney, British Columbia.
Received December 1978.

439013. 'Oppenheim 4'. From V. riparia x V. berlandieri.
Cultivar. Cuttings.

439014. 'Teleki 5C'. From V. riparia x V. berlandieri. Cultivar.
Cuttings.

439015. Vitis vinifera L. (Vitaceae) European grape.

From Canada. Donated by C. Pollard, Post-entry Quarantine
Station, Sidney, British Columbia.
Received December 1978.

'Madeleine Angervine'. Cultivar. Cuttings.

439016. Vitis sp. (Vitaceae).

From Japan. Donated by R. Yano, Fruit Tree Experiment Station,
Yamanashi, Yamanashi-Pref.
439016-continued
Received December 1978.

'Pion'.

439017 TO 439019. Oryza sativa L. (Poaceae) Rice.

From Philippines. Donated by International Rice Research
Institute, Manila.
Received January 1980.


439020 TO 439024. Oryza sativa L. (Poaceae) Rice.

From Philippines. Donated by International Rice Research
Institute, Manila.
Received January 1980.

439020. IRRI 39174. BKN 6986-147-2. IR 262/Pin Gaew 56.
Cultivated. Seed.

439025. Cajanus cajan (L.) Huth (Fabaceae) Pigeon pea.

From Belize. Donated by Ministry of Agriculture and Lands,
Central Farm, Cayo District.
Received January 1980.


From Rhodesia. Donated by Chiredzi Research Station, Chiredzi,
Zimbabwe.
Received October 1979.

IR 400. Cultivated. Seed.


12. Seed.


75. Seed.

439029. Bothriochloa ischaemum (L.) Keng (Poaceae) Yellow bluestem.


17. Seed.

439030. Brassica elongata Ehrh. (Brassicaceae).


186. Seed.

439031. Bromus scoparius L. (Poaceae).


23. Seed.

439032. Camelina microcarpa Andrz. ex DC. (Brassicaceae).

From Soviet Union. Donated by Hortus Botanicus Academiae Scientiarum URSS, Taschkent. Code numbers refer to 1977

*From Soviet Union. Donated by Hortus Botanicus Academia Scientiarum URSS, Taschkent. Code numbers refer to 1977 Seed List.*

Received February 1978.

30. Seed.


*From Soviet Union. Donated by Hortus Botanicus Academia Scientiarum URSS, Taschkent. Code numbers refer to 1977 Seed List.*

Received February 1978.

39. Seed.


*From Soviet Union. Donated by Hortus Botanicus Academia Scientiarum URSS, Taschkent. Code numbers refer to 1977 Seed List.*

Received February 1978.

48. Seed.


*From Soviet Union. Donated by Hortus Botanicus Academia Scientiarum URSS, Taschkent. Code numbers refer to 1977 Seed List.*

Received February 1978.

49. Seed.


*From Soviet Union. Donated by Hortus Botanicus Academia Scientiarum URSS, Taschkent. Code numbers refer to 1977 Seed List.*

Received February 1978.
439038. Stipa szovitziana Trin. & Rupr. (Poaceae).

From Soviet Union. Donated by Hortus Botanicus Academia Scientiarum URSS, Taschkent. Code numbers refer to 1977 Seed List.
Received February 1978.

53. Seed.

439039 TO 439105. Oryza sativa L. (Poaceae) Rice.

From India. Donated by All-India Coordinated Rice Improvement Project (AICRIP), Rajendranagar, Hyderabad. Received through National Bureau of Plant Genetic Resources, IARI, New Delhi, India.
Received January 1980.

439039. Akashi. CVRC. Cultivated. Seed.
439046. Bala. CVRC. Cultivated. Seed.
439051. Cauvery. CVRC. Cultivated. Seed.
439106 TO 439119. Oryza sativa L. (Poaceae) Rice.

From Chile. Donated by Instituto de Investigaciones Agropecuarias, Estacion Experimental Quilapaqu, Chillan. Received January 1980.

439108. CH 221-44. Cold tolerant. Cultivated. Seed.

439120 TO 439146. Oryza sativa L. (Poaceae) Rice.

From Egypt. Donated by T. Abdel-Bak, Institute of Plant Pathology, Agricultural Research Center, Giza. Received August 1979.

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<th>Variety</th>
<th>Resistance</th>
<th>Type</th>
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<td>Nabatat Asier</td>
<td>Moderately susceptible to blast</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439140</td>
<td>Nahda</td>
<td>Blast susceptible</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439141</td>
<td>Reiho</td>
<td>Japan</td>
<td>Moderately resistant to blast</td>
<td>Cultivated</td>
</tr>
<tr>
<td>439142</td>
<td>Sabieny</td>
<td>Blast susceptible</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439143</td>
<td>Yabani 15</td>
<td>Blast susceptible</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439144</td>
<td>Yabani Lulu</td>
<td>Blast susceptible</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439145</td>
<td>Yabani M7</td>
<td>Blast susceptible</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439146</td>
<td>YNA 223</td>
<td>Blast resistant</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
</tbody>
</table>

**439147 TO 439203. Oryza sativa L. (Poaceae) Rice.**

From Philippines. Donated by International Rice Research
439147 TO 439203—continued
Institute, Manila.
Received November 1979.

439155. IR 44. Cultivated. Seed.
439156. IR 46. Cultivated. Seed.
439158. IR 74782-6-3. Cultivated. Seed.
439162. IR 1561-228-3-3. Cultivated. Seed.
439163. IR 1905-81-3-1. Cultivated. Seed.
439169. IR 2415-90-4-3-2. Cultivated. Seed.
439171. IR 2588-49-3-3-3. Cultivated. Seed.
<table>
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<th>Description</th>
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<td>439173</td>
<td>IR 2823-399-5-6. Cultivated. Seed.</td>
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<tr>
<td>439178</td>
<td>IR 4563-52-1-3-6. Cultivated. Seed.</td>
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<tr>
<td>439179</td>
<td>IR 4570-83-3-3-2. Cultivated. Seed.</td>
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<tr>
<td>439185</td>
<td>IR 8073-65-6-1. Cultivated. Seed.</td>
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<td>439190</td>
<td>IR 9784-142-1-3-3. Cultivated. Seed.</td>
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<td>439191</td>
<td>IR 13168-143-1. Cultivated. Seed.</td>
</tr>
</tbody>
</table>
439147 TO 439203—continued


439204. Sorghum versicolor Anderss. (Poaceae).

From United States. Donated by R. L. Voigt, Department of Plant
Sciences, The University of Arizona, Tucson, Arizona. Received
through J. E. Endrizzi, Department of Plant Sciences, Univ. of
Arizona, Tucson.
Received May 1979.

RH1573. Origin unknown. Received February 2, 1951 from

439205 TO 439206. Oryza sativa L. (Poaceae) Rice.

From Brazil. Donated by Empresa Brasileira de Pesquisa
Agropecuaria, Centro Nacional de Recursos Geneticos,
Brazil.
Received January 1980.


439207 TO 439358. Capsicum annuum L. (Solanaceae).

From United States. Donated by P. G. Smith, Department of
Vegetable Crops, University of California, Davis, California.
Received January 1980.

439217. 1513. Chile. Cultivated. Seed.
<table>
<thead>
<tr>
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</table>
439207 TO 439358—continued

439207 TO 439358—continued

439207 TO 439358-continued

439341. 1557. Trinidad and Tobago. Cultivated. Seed.
439342. 1559. Trinidad and Tobago. Cultivated. Seed.
Cultivated. Seed.
Seed.

439359 TO 439412. Capsicum baccatum L. (Solanaceae) Aji.

From United States. Donated by P. G. Smith, Department of 
Vegetable Crops, University of California, Davis, California. 
Received January 1980.

439359 TO 439412—continued

439371. 1517. Chile. Cultivated. Seed.
439359 to 439412-continued


439413 to 439415. Capsicum chacoense Hunziker (Solanaceae).

From United States. Donated by P. G. Smith, Department of
439413 TO 439415—continued
Vegetable Crops, University of California, Davis, California.
Received January 1980.


439416 TO 439487. Capsicum chinense Jacq. (Solanaceae) Aji,
From United States. Donated by P. G. Smith, Department of
Vegetable Crops, University of California, Davis, California.
Received January 1980.

Seed.
439416 TO 439487—continued

439475. 2179. Trinidad and Tobago. Cultivated. Seed.
<table>
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<tr>
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<tr>
<td>439485</td>
<td>1962</td>
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<tr>
<td>439486</td>
<td>1965</td>
<td>Venezuela</td>
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<tr>
<td>439487</td>
<td>1268</td>
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<td>Mixed with C. frutescens. Cultivated Seed.</td>
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<td>439488</td>
<td>1793</td>
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<td>439489</td>
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<td>1940</td>
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<td>439496</td>
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<td>439505</td>
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<td>439506</td>
<td>1252</td>
<td>Cuba</td>
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<td>439507</td>
<td>1946</td>
<td>Ecuador</td>
<td>Cultivated Seed</td>
</tr>
</tbody>
</table>

439528. Capsicum praetermissum Heiser & Smith (Solanaceae).

From United States. Donated by P. G. Smith, Department of Vegetable Crops, University of California, Davis, California. Received January 1980.


439529. Capsicum pubescens Ruiz & Pavon (Solanaceae) Bocoto.

From United States. Donated by P. G. Smith, Department of
Vegetable Crops, University of California, Davis, California. Received January 1980.


439531. Asparagus asparagoides (L.) W. F. Wight (Liliaceae) Smilax asparagus.


484. Wild. Seed.

439532. Asparagus falcatus L. (Liliaceae).


482. Wild. Seed.

439533. Ruscus aculeatus L. (Liliaceae).


504. Wild. Seed.

439534 to 439536. Phaseolus coccineus L. (Fabaceae) Scarlet runner bean.

From Netherlands. Donated by A.C. Zeven, Institute of Plant Breeding, Agricultural University, Wageningen. Received February 1980.
439534 TO 439536—continued


439537 TO 439576. Phaseolus vulgaris L. (Fabaceae) Garden bean.

From Netherlands. Donated by A.C. Zeven, Institute of Plant Breeding, Agricultural University, Wageningen.
Received February 1980.


439537 TO 439576—continued
Cultivated. Landrace. Seed.


439577 TO 439579. Annona sp. (Annonaceae).

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa. Received August 1979.

439577. Sao Paulo. 700-900m. Seed.

439578. Sao Paulo. 700-900m. Seed.

439579. Sao Paulo. 700-900m. Seed.


From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa. Received August 1979.

Sao Paulo. 700-900m. Seed.
439581 TO 439582. Bauhinia sp. (Fabaceae).

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.

439581. Sao Paulo. 700-900m. Seed.
439582. Sao Paulo. 700-900m. Seed.

439583. Bombax sp. (Bombacaceae).

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.

Sao Paulo. 700-900m. Seed.

439584. Calophyllum sp. (Clusiaceae).

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.

Sao Paulo. 700-900m. Seed.

439585 TO 439586. Dolichos lablab L. (Fabaceae) Hyacinth bean.

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.

439585. Sao Paulo. 700-900m. Seed.
439586. Sao Paulo. 700-900m. Seed.

439587 TO 439588. Mucuna deeringiana (Bort) Herr. (Fabaceae) Velvetbean.

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.

439587. Sao Paulo. 700-900m. Seed.
439588. Sao Paulo. 700-900m. Seed.

439589. Ravenala madagascariensis Sonner (Musaceae).

From Brazil. Collected by W.J. Miller, Department of Genetics,
439589—continued
Iowa State University, Ames, Iowa.
Received August 1979.

Sao Paulo. 700-900m. Seed.

439590 TO 439591. Ricinus communis L. (Euphorbiaceae) Castorbean.

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.


439592. Tephrosia sp. (Fabaceae).

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.

Sao Paulo. 700-900m. Seed.

439593. Terminalia catappa L. (Combretaceae) Indian-almond.

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.

Sao Paulo. 700-900m. Seed.

439594 TO 439595. Undetermined (Arecaceae).

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.

439595. Sao Paulo. 700-900m. Probably Orbignya sp. Received as Englerophoenix sp. Seed.

439596 TO 439598. Undetermined (Bignoniaceae).

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.
439596 TO 439598-continued

439596. Sao Paulo. 700-900m. Seed.
439597. Sao Paulo. 700-900m. Seed.
439598. Sao Paulo. 700-900m. Seed.

439599. Undetermined (Fabaceae).

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.

Sao Paulo. 700-900m. Seed.

439600 TO 439603. Undetermined.

From Brazil. Collected by W.J. Miller, Department of Genetics, Iowa State University, Ames, Iowa.
Received August 1979.

439600. Sao Paulo. 700-900m. Seed.
439601. Sao Paulo. 700-900m. Seed.
439602. Sao Paulo. 700-900m. Seed.
439603. Sao Paulo. 700-900m. Seed.

439604. Lamarckia aurea (L.) Moench (Poaceae).

Received March 1979.


Received March 1979.

1246. 'Condensatus'. Cultivated. Seed.
439606. **Capsicum annuum L.** (Solanaceae).

From Malaysia. Donated by J.S. Tanaka, Department of Horticulture, College of Tropical Agriculture, University of Hawaii, Honolulu, Hawaii 96822. Received January 1980.

Plants to 76cm tall. Fruits elongate, red, 7.6cm long, 1.9cm wide. Resistant to bacterial wilt (Pseudomonas solanacearum) and nematodes (Meloidogyne incognita). Cultivated. Seed.

439607. **Raphanus sativus L.** (Brassicaceae) Radish.


'Siletina'. Received as *R. oleiferus*. Cultivated. Seed.

439608 TO 439612. **Oryza sativa L.** (Poaceae) Rice.

From Japan. Donated by K. Furusato, Hamamatsu Flower Park, Kanzanji, Hamamatsu. Received February 1980.


439612. **Shiratai.** Aromatic type. Cultivated. Seed.

439613 TO 439736. **Oryza sativa L.** (Poaceae) Rice.

From Soviet Union. Donated by N.I. Vavilov Institute of Plant Industry, Leningrad. Received February 1980.

439613. **VIR 630.** Azerbaijan SSR. Received as var. janthoceros. Cultivated. Seed.

439614. **VIR 650.** Azerbaijan SSR. Received as var. vulgaris. Cultivated. Seed.

439615. **VIR 910.** Primorskaya Province. Received as var. affinis. Cultivated. Seed.
439616. VIR 944. Sweden. Received as var. nigro-apiculata. Cultivated. Seed.

439617. VIR 1284. Primorskaya Province. Received as var. amauro. Cultivated. Seed.

439618. VIR 1365. India. Received as var. melanotrix. Cultivated. Seed.

439619. VIR 1428. Azerbaijan SSR. Received as var. erythroceros. Cultivated. Seed.

439620. VIR 1440. Primorskaya Province. Received as var. erythroceros. Cultivated. Seed.

439621. VIR 1528. Azerbaijan SSR. Received as var. azerbaidjanica. Cultivated. Seed.

439622. VIR 1530. Azerbaijan SSR. Received as var. amauro. Cultivated. Seed.

439623. VIR 1878. Kazakh SSR. Received as var. affinis. Cultivated. Seed.

439624. VIR 1942. Kazakh SSR. Received as var. kasakstanica. Cultivated. Seed.

439625. VIR 2028. Kazakh SSR. Received as var. vavilovi. Cultivated. Seed.

439626. VIR 2081. Kazakh SSR. Received as var. sudensis. Cultivated. Seed.

439627. VIR 2348. Primorskaya Province. Received as var. italica. Cultivated. Seed.

439628. VIR 2412. Korea, North. Penins. Received as var. parnelli. Cultivated. Seed.

439629. VIR 2475. Primorskaya Province. Received as var. nigrescens. Cultivated. Seed.

439630. VIR 2487. Tajik SSR. Received as var. melanotrix. Cultivated. Seed.

439631. VIR 2662. Kirghiz SSR. Received as var. pyrocarpa. Cultivated. Seed.

439632. VIR 2824. Tajik SSR. Received as var. erythroceros. Cultivated. Seed.

439633. VIR 3349. Azerbaijan SSR. Received as var. katayevi.
439613 TO 439736—continued
Cultivated. Seed.

439634. VIR 3363. Azerbaijan SSR. Received as var. sudensis.
Cultivated. Seed.

439635. VIR 3419. Azerbaijan SSR. Received as var. astarinica.
Cultivated. Seed.

439636. VIR 3446. Azerbaijan SSR. Received as var. desvauxii.
Cultivated. Seed.

439637. VIR 3453. Azerbaijan SSR. Received as var. dicolorata.
Cultivated. Seed.

439638. VIR 3458. Azerbaijan SSR. Received as var. katayevi.
Cultivated. Seed.

439639. VIR 3646. Iran. Received as var. zhukovskii. Cultivated.
Seed.

439640. VIR 4722. Afghanistan. Received as var. ratoonica.
Cultivated. Seed.

439641. VIR 3592. Ar-kylcik Mestnyj. Azerbaijan SSR. Received
as var. vulgaris. Cultivated. Seed.

439642. VIR 3205. Akula. Azerbaijan SSR. Received as var.
amaura. Cultivated. Seed.

439643. VIR 3946. Alaku'skij. Kazakh SSR. Received as var.

439644. VIR 4818. Aomori Mochi. Japan. Received as var. nero-
apiculata. Cultivated. Seed.

439645. VIR 4603. Arborio. Italy. Received as var. nero-

439646. VIR 3685. Arpa-saly Mestnyj. Uzbek SSR. Received as var.
vulgaris. Cultivated. Seed.

439647. VIR 3950. Astrahankij Mestnyj. Received as var. vulgaris.
Cultivated. Seed.

439648. VIR 3713. AzRos 1646. Azerbaijan SSR. Received as var.
cinnamomea. Cultivated. Seed.

439649. VIR 4973. Bajang Allorio. Italy. Received as var. mutica.
Cultivated. Seed.

439650. VIR 3384. Bak-saly Mestnyj. Azerbaijan SSR. Received as
var. cinnamomea. Cultivated. Seed.
<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Country</th>
<th>Received as</th>
<th>Cultivated</th>
<th>Seed</th>
</tr>
</thead>
<tbody>
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<td>VIR 4176. Basmati</td>
<td>India</td>
<td>var. rufibarbis.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439652</td>
<td>VIR 4362. Basmati Newer</td>
<td>India</td>
<td>var. fortuna.</td>
<td>Cultivated</td>
<td>Seed</td>
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<tr>
<td>439653</td>
<td>VIR 4349. Begum</td>
<td>India</td>
<td>var. rufibarbis.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439654</td>
<td>VIR 4824. Bluebonnet 50 Calrose</td>
<td>Australia</td>
<td>var. breviaristata.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439655</td>
<td>VIR 4178. Boro Black</td>
<td>India</td>
<td>var. sarica.</td>
<td>Cultivated</td>
<td>Seed</td>
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<tr>
<td>439656</td>
<td>VIR 4800. Bozu</td>
<td>Japan</td>
<td>var. italica.</td>
<td>Cultivated</td>
<td>Seed</td>
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<tr>
<td>439657</td>
<td>VIR 1297. Cernyj Primorskaya Province</td>
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<td>var. melanotrix.</td>
<td>Cultivated</td>
<td>Seed</td>
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<tr>
<td>439658</td>
<td>VIR 4917. CH 1039 AC 3008</td>
<td>India</td>
<td>var. gilanica.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439659</td>
<td>VIR 2701. Chalbe</td>
<td>China, Peoples Repub of.</td>
<td>var. alba.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439660</td>
<td>VIR 4904. CO 29 AC 4545</td>
<td>India</td>
<td>var. gilanica.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439661</td>
<td>VIR 4882. Donskoj-2</td>
<td>Rostov Region</td>
<td>var. vulgare.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439662</td>
<td>VIR 3672. Dubovskij-129</td>
<td>Krasnodar Territory</td>
<td>var. erythroceros.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439663</td>
<td>VIR 4385. Dular</td>
<td>India</td>
<td>var. gilanica.</td>
<td>Cultivated</td>
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</tr>
<tr>
<td>439664</td>
<td>VIR 3708. Dvros 0219</td>
<td>Primorskaya Province</td>
<td>var. dichroa.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439665</td>
<td>VIR 3709. Dvros 2568</td>
<td>Primorskaya Province</td>
<td>var. zeravschanica.</td>
<td>Cultivated</td>
<td>Seed</td>
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<tr>
<td>439666</td>
<td>VIR 5224. EEA 405 Prolifica x Noveli</td>
<td>Brazil</td>
<td>var. gilanica.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439667</td>
<td>VIR 4701. Fanny</td>
<td>France</td>
<td>var. italica.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
<tr>
<td>439668</td>
<td>VIR 3823. Fynzan</td>
<td>China, Peoples Repub of.</td>
<td>var. gilanica.</td>
<td>Cultivated</td>
<td>Seed</td>
</tr>
</tbody>
</table>
439613 TO 439736—continued

var. italic a. Cultivated. Seed.


439670. VIR 3613. Hodza-Abmat. Uzbek SSR. Received as var. erythroceros. Cultivated. Seed.

439671. VIR 558. Hokkajdo. Primorskaya Province. Received as var. erythroceros. Cultivated. Seed.


439675. VIR 5313. Karnerolli. Italy. Received as var. erythroceros. Cultivated. Seed.

439676. VIR 3616. Kary-saly. Uzbek SSR. Received as var. caucasica. Cultivated. Seed.

439677. VIR 3620. Kasaki-saly Mestnyj. Uzbek SSR. Received as var. janthoceros. Cultivated. Seed.


439679. VIR 3370. Kesa. Azerbaijan SSR. Received as var. movlanica. Cultivated. Seed.


439685. VIR 3623. Kyrmwhy. Uzbek SSR. Received as var. rubra. Cultivated. Seed.
439686. VIR 3627. Kzul-saly. Uzbek SSR. Received as var. amauro. Cultivated. Seed.

439687. VIR 4106. Linia 84. Romania. Received as var. nigro-apiculata. Cultivated. Seed.


439689. VIR 3214. Mallai. Azerbaijan SSR. Received as var. aristata. Cultivated. Seed.


439692. VIR 4634. Monticelly. Italy. Received as var. nigro-apiculata. Cultivated. Seed.

439693. VIR 5793. Mutant 2. Uzbek SSR. Received as var. vulgaris. Cultivated. Seed.

439694. VIR 5794. Mutant 3. Uzbek SSR. Received as var. italica. Cultivated. Seed.

439695. VIR 5452. N.F.2. Krasnodar Territory. Received as var. vulgaris. Cultivated. Seed.


439703. VIR 5465. N.F.15. Krasnodar Territory. Received as var.
suberythroceros. Cultivated. Seed.


439705. VIR 5518. N.F.68. Krasnodar Territory. Received as var. erythroceros. Cultivated. Seed.

439706. VIR 5519. N.F.69. Krasnodar Territory. Received as var. janthoceros. Cultivated. Seed.

439707. VIR 4674. N.136. Australia. Received as var. breviaristata. Cultivated. Seed.


439710. VIR 3684. Pioner 320. Uzbek SSR. Received as var. erythroceros. Cultivated. Seed.


439713. VIR 4565. Razza 82. Italy. Received as var. breviaristata. Cultivated. Seed.


439717. VIR 4513. Roma. Italy. Received as var. maldehica. Cultivated. Seed.

439718. VIR 4913. S.P.2. India. Received as var. tawnica. Cultivated. Seed.

439719. VIR 3268. Sadri. Azerbaijan SSR. Received as var. aristata. Cultivated. Seed.

439720. VIR 3780. Sadri Masallinskij. Azerbaijan SSR. Received as var. gilanica. Cultivated. Seed.
439721. VIR 5308. San Domenico. Italy. Received as var. nigroapiculata. Cultivated. Seed.

439722. VIR 3819. Santahezskij 52. Primorskaya Province. Received as var. dichroa. Cultivated. Seed.

439723. VIR 4971. Senatore Novelli. Italy. Received as var. mutica. Cultivated. Seed.


439726. VIR 5293. Stirpe 348. Italy. Received as var. maldehica. Cultivated. Seed.

439727. VIR 5290. Stirpe 689. Italy. Received as var. italicca. Cultivated. Seed.

439728. VIR 4907. Tuljapur (H390). India. Received as var. mutica. Cultivated. Seed.

439729. VIR 5662. Tojonishiki. Japan. Received as var. subvulgaris. Cultivated. Seed.

439730. VIR 3770. Uzbekskij 2. Uzbek SSR. Received as var. vulgaris. Cultivated. Seed.

439731. VIR 3639. Uzros 269. Uzbek SSR. Received as var. italicca. Cultivated. Seed.

439732. VIR 3599. Uzros 275. Uzbek SSR. Received as var. italicca. Cultivated. Seed.

439733. VIR 3698. Uzros 421. Uzbek SSR. Received as var. italicca. Cultivated. Seed.

439734. VIR 3831. Uzros 2831. Uzbek SSR. Received as var. italicca. Cultivated. Seed.

439735. VIR 3663. Zeravsanika 2586-1. Ukrainian SSR. Received as var. zeravschanica. Cultivated. Seed.


439737 TO 439741. Zea mays L. (Poaceae) Field corn.

From Thailand. Donated by B. L. Benfro, Rockefeller Foundation,
Bangkok. Received through M.R. Bonde, USDA Plant Disease Laboratory, Frederick, Maryland.
Received January 1980.


439742 TO 439747. Cucumis melo L. (Cucurbitaceae) Muskmelon.

From Iran. Collected by Walter J. Kaiser, Regional Pulse Improvement Project, USDA, Tehran.
Received January 1980.


439747. Cyprus. Collected August 1967. Fruits yellow, smooth, ridged, often larger than cantaloupe, similar to casaba. Flesh greenish yellow, usually very sweet. Keeps well
439742 TO 439747-continued
after harvest. Cultivated. Seed.

439748. Cucurbita lundelliana Bailey (Cucurbitaceae).

From Guatemala. Collected by O. W. Norvell, Stanford University, Palo Alto, California. Received through T. W. Whitaker, USDA, Imperial Valley Conservation Res. CN, Brawley, Calif. Received December 1979.


439749. Ipomoea batatas (L.) Lam. (Convolvulaceae) Sweet potato.

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received February 1980.


439750. Rosa banksiae Ait. f. (Rosaceae).

From Mexico. Collected by H. F. Winters & R. L. Clark, USDA, Germplasm Resources Laboratory and North Central Regional Plant Introduction Station, Beltsville, Maryland and Ames, Iowa. Received February 1980.


439751. Citropsis noldeae Exell & Mendosa (Rutaceae).

From South Africa. Donated by Citrus and Subtropical Fruit Research Institute, Department of Agricultural Technical Services, Nelspruit. Received February 1980.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>439752</td>
<td>Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.</td>
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<td>439767</td>
<td>Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.</td>
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</tbody>
</table>
439782. 1294. P-1181-A. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed.

439783. 1450. P-1270. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed.

439784. 1611. P-1353. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed.
439752 TO 439861—continued

oxysporum f. sp. ciceri. Cultivated. Seed.

439786. 1891. P-1514. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.


439789. 2072. P-1670. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.


439791. 2086. P-1683. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.


439793. 2104. P-1696-1. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439794. 2217. P-1786. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439795. 2267. P-1863. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.


439798. 2566. P-2559. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.


439800. 2812. P-3036. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439801. 2835. P-3107-1. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439803. 2860. P-3167. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439804. 2883. P-3251. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439805. 3099. P-3614. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439806. 3103. P-3617. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439807. 3356. P-4031. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439808. 3392. P-4079. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439809. 3396. P-4083. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439810. 3426. P-4102. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439811. 3439. P-4116-1. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439812. 3539. P-4237. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439814. 4519. P-6067. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439815. 4552. P-6099. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439816. 4651. P-6244. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439817. 4716. P-6308. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439818. 4917. Ahmedabad 52. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439819. 4918. Annegiri. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
439820. 4948. G-130. Tolerant or resistant to Fusarium oxysporum...
f. sp. ciceri. Cultivated. Seed.

439821. 4951. Susceptible (nursery check variety) to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439822. 4954. H-208. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.


439824. 4958. JGC-1. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.


439826. 4969. L-345. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439827. 4994. Radhey. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439828. 5003. 850-3/27. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439829. 5727. C-16-1. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439830. 5864. T-3(Gwalior). Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439831. 5901. T-3. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439832. 6081. JG-57. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439833. 6098. JG-74. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439834. 6462. NEC-472. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439835. 6671. NEC-790. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439836. 6679. NEC-802. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439837. 6743. NEC-900. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.
| 439838. | 6761. NEC-920. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439839. | 6786. NEC-951. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439840. | 6880. NEC-1089. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439841. | 7111. NEC-1470. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439842. | 7248. NEC-1621. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439843. | 7254. NEC-1627. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439844. | 7526. 24-B. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439845. | 7681. P-1179. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439846. | 7777. NEC-1639. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439847. | 8222. NEC-2383. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439848. | 8250. NEC-2413. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439849. | 8446. JH-466/DZ-10-4. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439850. | 8933. WR-315. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439851. | 8970. NEC-318. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439852. | 9001. NEC-426. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439853. | 9070. NEC-607. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439854. | 9117. NEC-847. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
| 439855. | 10104. P-6131. Tolerant or resistant to *Fusarium oxysporum* f. sp. ciceri. Cultivated. Seed. |
439752 TO 439861—continued
oxysporum f. sp. ciceri. Cultivated. Seed.

439856. 10130. CPS-1. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439857. 10131. CPS-1. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439858. 10301. PRR-1. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.


439860. 10894. PP-1. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439861. 11088. BG-212. Tolerant or resistant to Fusarium oxysporum f. sp. ciceri. Cultivated. Seed.

439862. Camptotheca acuminata Decne. (Nyssaceae).
From China, Peoples Repub of. Donated by Ying-jiang Huo, Forestry Research Institute of Guangdong Province, Sao, Guangzhou, Guangdong. Received February 1980.

439863. Michelia macclurei Dandy (Magnoliaceae).
From China, Peoples Repub of. Donated by Ying-jiang Huo, Forestry Research Institute of Guangdong Province, Sao, Guangzhou, Guangdong. Received February 1980.

439864. Phoebe shearerl (Hemsl.) Gamble (Lauraceae).
From China, Peoples Repub of. Donated by Ying-jiang Huo, Forestry Research Institute of Guangdong Province, Sao, Guangzhou, Guangdong. Received February 1980.

439865. Phoebe sp. (Lauraceae).
From China, Peoples Repub of. Donated by Ying-jiang Huo, Forestry
439865-continued
Research Institute of Guangdong Province, Saho, Guangzhou, Guangdong. Received February 1980.

Collected November 15, 1979. Hangzhou, Zhejiang Province. Received as *P. chechiangensis*. Seed.


From China, Peoples Repub of. Donated by Ying-jiang Huo, Forestry Research Institute of Guangdong Province, Saho, Guangzhou, Guangdong. Received February 1980.

Collected October 1979. Southern mountains, Yunnan Province. 2000m. Seed.


From China, Peoples Repub of. Donated by Ying-jiang Huo, Forestry Research Institute of Guangdong Province, Saho, Guangzhou, Guangdong. Received February 1980.


439868. *Schinus sp.* (Anacardiaceae).

From China, Peoples Repub of. Donated by Ying-jiang Huo, Forestry Research Institute of Guangdong Province, Saho, Guangzhou, Guangdong. Received February 1980.

Collected October 1979. Northwest Guangxi Province. Received as *S. argentea*. Seed.

439869. *Toxicodendron vernicifluum* (Stokes) Barkley (Anacardiaceae).

From China, Peoples Repub of. Donated by Ying-jiang Huo, Forestry Research Institute of Guangdong Province, Saho, Guangzhou, Guangdong. Received February 1980.

Collected October 1979. Northwest Guangxi Province. Received as *Rhus verniciflua*. Seed.

439870 TO 439875. *Oryza sativa* L. (Poaceae) Rice.

From Japan. Donated by National Institute of Genetics, Misima, Sizuoka-ken 411. Received March 1980.
439870 TO 439875—continued


439876 TO 439879. Arachis hypogaea L. (Fabaceae) Peanut.

From Malaysia. Donated by H. L. Hamat, Field Crops Branch, Malaysian Agricultural Research and Development Institute, Serdang, Selangor. Received June 1979.


From United States. Donated by Los Lunas Plant Materials Center, USDA Soil Conservation Service, Los Lunas, New Mexico. Received March 1980.


439881. Acer ginnala Maxim. (Aceraceae).


D-1852. Soviet Union. Dendrology Park, Shorthandy
439881-continued

439882. Acer ginnala var. semenovii (Regel & Herb.) Pax (Aceraceae).


439883 TO 439884. Acer sp. (Aceraceae).


439885 TO 439887. Achillea micrantha Willd. (Asteraceae).


439888 TO 439896. Achillea millefolium L. (Asteraceae) Yarrow.


P-171. Collected July 31, 1977. Two km from Shpakovskoye

Achillea sp. (Asteraceae).


Agriogonia eupatoria L. (Rosaceae).


P-167. Collected July 1977. Mt. Nedryemanya, 48km from...
439903 to 439904—continued

439905 to 439908. Agropyron caninum (L.) Beauv. (Poaceae).


439909 to 439950. Agropyron cristatum (L.) Gaertn. (Poaceae) Fairway crested wheatgrass.


D-1462. Collected July 26, 1977. Sheep & Goat Institute, Yankulskaya area, 52km SE of Stavropol. 400-430m. Large bulk sample from the entire collecting area. Wild. Seed.


439909 TO 439950—continued


439909 TO 439950—continued


439951 TO 439983. Agropyron desertorum (Fisch. ex Link) Schult.


439984 TO 439998. Agropyron elongatiforme Drobov (Poaceae).


439984 TO 439998-continued


439984 TO 439998—continued


439999. Agropyron fibrosum (Schrenk) Nevski (Poaceae).


440000. Agropyron gracilissimum Nevski (Poaceae).


440001 TO 440026. Agropyron intermedium (Host) Beauv. (Poaceae) Intermediate wheatgrass.


Wild. Seed.


440058 TO 440059. Agropyron lolioides (Kar. & Kir.) Eoshev. (Poaceae).


440060 TO 440064. Agropyron pectiniforme Boem. & Schult. (Poaceae).


440065 TO 440087. Agropyron repens (L.) Beauv. (Poaceae) Quackgrass.


440065 TO 440087-continued
small, reddish. Wild. Seed.

50km east of Stavropol. 400m. Soil very sandy. Lemmas
awned. Wild. Seed.

50km east of Stavropol. 400m. Soil very sandy. Leaves

Farm, near Svetlograd, about 80km east of Stavropol. 250m.
Sandy, rocky soil. Stems tall. Leaves bright green. Awns
short. Wild. Seed.

Farm, near Svetlograd, about 80km east of Stavropol. 250m.
Sandy, rocky soil. Among A. desertorum. Stems short.
Spikes small. Wild. Seed.

south of Stavropol. 500m. Plants fertile. Awns short.
Wild. Seed.

440078. D-1655. Collected August 02, 1977. Creokova Village,
about 50km southeast of Svetlograd. 300m. Spikes dense,
with closely imbricated spikelets. Wild. Seed.

south of Stavropol. 500m. Leaves broad. Spikes coarse.
Wild. Seed.

Village, road marker 423 km, between Stavropol and
Seed.

on road between Stavropol and Pyatagorsk. Spikes slender,
drooping. Wild. Seed.

of Tselinograd. Glumes very large and broad. Wild. Seed.

skating arena, 15km south of Alma Ata. 1680m. Steep,
ungrazed hillside. Stems to 1.2m tall. Leaves broad,

Trudovoi Pajari Farm Village, about 40km NE of Dzhambul.
Culms fine, to 1 m tall. Spikes small. Wild. Seed.


440088. Agropyron sibiricum (Willd.) Beauv. (Poaceae) Siberian wheatgrass.


440108 TO 440111. Agrostis gigantea Roth (Poaceae) Bedtop.


440112 TO 440115. Agrostis sp. (Poaceae).


440112. D-1769. Collected August 08, 1977. Baratskaya ravine on Seiphulin Farm, 50km N of Tselinograd. Plants to 0.5m tall. Wild. Seed.


440112 TO 440115—continued
25 km southeast of Victory Collective Farm. 1400 m. Moist
area. Plants to 60 cm tall. Wild. Seed.

440116 TO 440117. Alcea nudiflora (Lindl.) Boiss. (Malvaceae).

From Soviet Union. Collected by D.B. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

Farm, about 30 km east of Chimkent. 600 m. Grove of trees.
Flowers white. Wild. Seed.

Farm, 75 km east of Chimkent, then 3 km north. Flowers
white. Wild. Seed.

440118. Alcea rugosa Alef. (Malvaceae).

From Soviet Union. Collected by D.B. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

P-89. Collected July 26, 1977. Division 5 of Sheep and
Goat Farm, 52 km southeast of Stavropol. 550 m. Plants to
85 cm tall. Wild. Seed.

440119 TO 440121. Alcea sp. (Malvaceae).

From Soviet Union. Collected by D.B. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

440119. D-1922. Collected August 14, 1977. Between Alma Ata and
Medeo. 1400 m. Plants to 1.5 m tall. Flowers pink. Wild.
Seed.

outskirts of Alma Ata. 1150 m. Plants to 1.5 m tall. Wild.
Seed.

Plants to 2 m tall. Wild. Seed.
440122 TO 440125. Allium sp. (Amaryllidaceae).


440127. Amygdalus sp. (Rosaceae).


440128. Anthemis sp. (Asteraceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
440128-continued

Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

to 30cm tall. Wild. Seed.

440129. Anthyllis vulneraria subsp. polyphylla (DC.) Nyman (Fabaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

Plants to 30cm tall. Wild. Seed.


From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

Seed.

440131 TO 440132. Arrhenatherum elatius (L.) Beauv. ex J. & C. Presl
(Poaceae) Tall oatgrass.

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

Collected July 22, 1977. 550m. Transplanted from
Novomarjevskaya, 7-8km west of Stavropol. Plants to 1.5m
tall. Wild. Seed.

Garden. 920m. Wild. Seed.

440133 TO 440135. Artemisia vulgaris L. (Asteraceae) Mugwort.

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
440133 TO 440135—continued
Received February 1978.


440136 TO 440137. Asparagus sp. (Liliaceae).


440138. Astragalus asper Jacq. (Fabaceae).


440139 TO 440141. Astragalus bungeanuus Boiss. (Fabaceae).


Wild. Seed.


Astragalus cicer L. (Fabaceae) Cicer milkvetch.


Astragalus falcatus Lam. (Fabaceae) Milkvetch.


Astragalus oxypterus Boiss. (Fabaceae).


440146. Astragalus cysticalyx Ledeb. (Fabaceae).


440147. Astragalus ponticus Pall. (Fabaceae).


440148 TO 440157. Astragalus sp. (Fabaceae).


440158. Astragalus fruticosus Pall. (Fabaceae).


440159. Astragalus sulcatus L. (Fabaceae).


From Soviet Union. Collected by D.B. Dewey and A.P. Plummer Crops Research Lab., Utah State Univ. & Intermountain Forest &
440161. Baptisia australis (L.) R. Br. (Fabaceae) Blue wild-indigo.


440162. Betula platyphylla Sukatschew (Betulaceae) Asian white birch.


440163 TO 440169. Bothriochloa ischaemum (L.) Keng (Poaceae) Yellow bluestem.


440174 TO 440178—continued
Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440179 TO 440180. Briza elatior J. E. Smith (Poaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440181 TO 440182. Bromus benekenii (Lange) Trimen (Poaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440183 TO 440204. Bromus inermis Leyss. (Poaceae) Smooth bromegrass.


Bromus rigidus Roth (Poaceae) Ripgut brome grass.


Bromus riparius Behm. (Poaceae).

440206 TO 440215—continued

Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

Collected July 22, 1977. 1500m. Transplanted from
Cherkessiya area. Plants vigorous, bunch type. Wild. Seed.

Collected July 22, 1977. 610m. Transplanted from meadow
steppes at Karachevo-Cherkessiya, near Stavropol. Wild.
Seed.

plateau, 40km south of Stavropol. 800m. Open meadow at
mountain top. Plants cespitose, over 1 m tall. Wild. Seed.

plateau, 40km south of Stavropol. 800m. Open meadow at
mountain top. Plants cespitose, over 1 m tall. Wild. Seed.

plateau, 40km south of Stavropol. 800m. Open meadow at
mountain top. Plants cespitose, over 1 m tall. Wild. Seed.

440211. D-1402. 'Krasnodar-8'. Soviet Union. Stavropol Sheep and

south of Stavropol. 500m. Wild. Seed.

Institute Farm, 2km from Shpakovskoye Village. 300-350m.
Dry hillside. Wild. Seed.

south of Stavropol. 500m. Wild. Seed.

35km northwest of Victory Collective Farm Headquarters.
Mixture with B. inermis. Wild. Seed.

440216 TO 440225. Calamagrostis epigeios (L.) Roth (Poaceae).

From Soviet Union. Collected by D.B. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

to 100cm tall. Wild. Seed.

440216 TO 440225-continued

area of Sheep and Goat Ranch, 90km SE of Stavropol. 400m. Plants to 130cm tall, strongly rhizomatous. Wild. Seed.


440226. Calligonum aphyllum (Pall.) Guerke (Polygonaceae).


440227 TO 440234. Calligonum rotula Boszcz. (Polygonaceae).


440227 to 440234—continued

east of Dzhambul, 40km north into sand dunes. Pods spherical, with prickly extrusions. Perennial woody. Wild. Seed.


440235. Calligonum turbinatum Pavlov (Polygonaceae).

From Soviet Union. Collected by D.R. Dewey and A.E. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah. Received February 1978.


440236. Carex membranacea Hook. (Cyperaceae).

From Soviet Union. Collected by D.R. Dewey and A.E. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah. Received February 1978.
440236-continued


440237. Carex gracilis R. Br. (Cyperaceae).


440238. Carex juncea Willd. (Cyperaceae).


440239 TO 440244. Carex sp. (Cyperaceae).


440245 to 440246. Carex turkestanica Regel (Cyperaceae).

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440247 to 440248. Chaerophyllum maculatum Willd. (Apiaceae).

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440249-continued

440250 TO 440251. Convolvulus pseudocantabrica Schrenk (Convolvulaceae).


440252. Cornus sp. (Cornaceae).


440253 TO 440259. Coronilla varia L. (Fabaceae) Crownvetch.


440253 TO 440259-continued


440260. Cotoneaster lucidus Schlecht. (Rosaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440261. Cotoneaster melanocarpus Lodd. (Rosaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440262. Cotoneaster sp. (Rosaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

440263. Crataegus pentagyna Waldst. & Kit. ex Willd. (Rosaceae).


440264. Crataegus sanguinea Pall. (Rosaceae).


440265 to 440267. Crataegus sp. (Rosaceae).


440268 to 440269. Cytisus ruthenicus Fisch. (Fabaceae).


440270 TO 440295-continued
Top of ridge. Wild. Seed.


440296. Delphinium schmalhausenii Alboff. (Ranunculaceae).


440297. Deschampsia cespitosa (L.) Beauv. (Poaceae) Tufted hairgrass.


440298 TO 440300. Deschampsia sp. (Poaceae).


Dictamnus albus var. caucasicus (Fisch. & C. A. Mey.) Rouy (Rutaceae).


Echium vulgare L. (Boraginaceae).


Elaeagnus angustifolia L. (Elaeagnaceae) Russian olive.


Elymus akmolinensis Drobov (Poaceae).


440307 TO 440318. Elymus angustus Trin. (Poaceae) Altai wildrye.


440319. Elymus dahuricus Turcz. ex Griseb. (Poaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440320 TO 440327. Elymus multicaulis Kar. & Kir. (Poaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


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440328. Elymus nutans Griseb. (Poaceae).

From Soviet Union. Collected by D.R. Devey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440329 TO 440333. Elymus trinii Helderis (Poaceae).

From Soviet Union. Collected by D.B. Devey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

440329. D-1740. Collected August 08, 1977. Roadside, 30km north
of Tselinograd. Clums short, to 30cm. Spikelets single.
Rhizomes strong. Poor seed set. Resembles North American
Seed.

Farm, about 20km north of Tselinograd. Close to a low,
wet area. Low seed set. Wild. Seed.

440331. D-1762. Collected August 08, 1977. Road cut, 25km north
of Tselinograd. Plants to 25cm. Rhizomes strong. Wild.
Seed.

440332. D-1775. Collected August 09, 1977. Roadside, 10km north
of Tselinograd. Clums short, less than 50cm. Rhizomes
strong. Wild. Seed.

Seed.

440334 TO 440337. Elymus sp. (Poaceae).

From Soviet Union. Collected by D.R. Devey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

of Tselinograd. Black alkali site. Clums to 120cm long.
Lemmas pubescent. Rhizomes moderate. Belongs to E.

**440334** TO **440337**-continued


**440338.** Eremurus regelii Vved. (Liliaceae).


**440339 TO 440340.** Euphorbia sp. (Euphorbiaceae).


**440341 TO 440342.** Festuca arundinacea Schreb. (Poaceae) Tall fescue.


440343 TO 440352. Festuca arundinacea var. orientalis Bicht. (Poaceae).


440353 TO 440354. Festuca ovina subsp. beckeri Hack. (Poaceae).

From Soviet Union. Collected by D.R. Devey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest and Range Experiment Station, USDA, Logan and Ephraim, Utah. Received February 1978.


440355 TO 440356. Festuca gigantea (L.) Vill. (Poaceae) Great fescue.


440357 TO 440358. Festuca pratensis Huds. (Poaceae) Meadow fescue.


440359 TO 440365. Festuca sp. (Poaceae).


440359 TO 440385—continued
of Tselinograd. Plants to 80cm tall. Wild. Seed.


440366 TO 440387. Festuca sulcata (Hack.) Beck (Poaceae).


440384. D-1912. Collected August 14, 1977. Near Medeo Ice-
skating Arena, 15 km south of Alma Ata. 1780 m. Wild. Seed.


**440386.** D-2117. Collected August 24, 1977. Orchard area, Victory Collective Farm, 75 km E of Chimkent, then 3 km north. Plants to 30 cm tall. Wild. Seed.


**440388.** Festuca valesiaca Schleich. ex Gaud. (Poaceae).  
From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.  
Received February 1978.  

**440389.** Fimbristylis acicularis R. Br. (Cyperaceae).  
From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.  
Received February 1978.  

**440390.** Fraxinus pennsylvanica Marsh. (Oleaceae).  
From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.  
Received February 1978.  

**440391 TO 440395.** Galium ruthenicum Willd. (Rubiaceae).  
From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,


440396. Geranium sanguineum L. (Geraniaceae).


440397. Geranium sp. (Geraniaceae).


440398 TO 440399. Glycyrrhiza glabra L. (Fabaceae) Common licorice.

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
440398 TO 440399-continued
Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440400 TO 440401. Glycyrrhiza sp. (Fabaceae).

From Soviet Union. Collected by D.B. Devey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440402. Gypsophila globulosa Stev. (Caryophyllaceae).

Received February 1978.


440403. Gypsophila paniculata L. (Caryophyllaceae).

Received February 1978.

440404. Hedysarum sp. (Fabaceae).


440406. Heliotropium arguzioides Kar. & Kir. (Eoraginaceae).


440407 TO 440408. Heracleum asperum Bieb. (Apiaceae).


440409 TO 440411. Heracleum mantegazzianum Scm. & Levier (Apiaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,


440412. Heracleum sp. (Apiaceae).


440413 TO 440414. Hordeum bogdanii Wilensky (Poaceae).


440415 TO 440418. Hordeum bulbosum L. (Poaceae) Eulbous barley.

Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

**440415 TO 440418-continued**


*440416. D-2113. Collected August 24, 1977. Orchard area, Victory Collective Farm, 75km east of Chimkent and 3km north. Plants to 1.4m tall. Wild. Seed.*

*440417. D-2127. Collected August 24, 1977. Dry ravine, Victory Collective Farm, 75km east of Chimkent, then 15km NE. Plants large, to 1.5m tall. Wild. Seed.*


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**440419 TO 440420. Hordeum violaceum Boiss. & Hohen. ex Boiss (Poaceae).**

*From Soviet Union. Collected by D.B. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah. Received February 1978.*


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**440421. Inula aspera Poir. (Asteraceae).**

*From Soviet Union. Collected by D.B. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah. Received February 1978.*


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**440422. Inula germanica L. (Asteraceae).**

*From Soviet Union. Collected by D.B. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah. Received February 1978.*

440422-continued
186km southeast of Stavropol. 270m. Plants to 20cm tall. Reputed medicinal value. Wild. Seed.

440423. Inula helenium L. (Asteraceae).

From Soviet Union. Collected by D.B. Devey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440424. Iris spuria subsp. halophila (Pall.) D. A. Webb & Chater (Iridaceae).

From Soviet Union. Collected by D.B. Devey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440425. Iris spuria subsp. notha (Bieb.) Aschers. & Graebner (Iridaceae).

From Soviet Union. Collected by D.B. Devey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440426 to 440431. Iris pumila L. (Iridaceae).

From Soviet Union. Collected by D.B. Devey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

440426 TO 440431—continued

Collected August 05, 1977. From Stavropol region, near

Collected August 05, 1977. From Stavropol region, Mt.
Maschuk near Pyatagorsk. Wild. Seed.

Wild. Seed.

Wild. Seed.

Collected August 05, 1977. From Stavropol region, near

440432 TO 440433. Iris songarica Schrenk (Iridaceae).
From Soviet Union. Collected by D.B. Dewey and A.F. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

Farm, about 30km east of Chimbent. 600m. Dry, heavily
grazed hillside. Leaves to 40cm long. Wild. Seed.

25km SE of Victory Collective Farm Headquarters. 1400m.
Flowers blue. Wild. Seed.

440434 TO 440439. Iris sp. (Iridaceae).
From Soviet Union. Collected by D.B. Dewey and A.F. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

Collected August 05, 1977. From Altai, Novosibirsk
Botanical Garden. Received as Iris claudousii. Cultivated.
Seed.

Farm, 25km north of Tselinograd. Leaves to 40cm long. Not
grazed by cattle. Wild. Seed.


440440. Iris tenuifolia Pall. (Iridaceae).


440441. Juncus gerardii Loisel (Juncaceae).


440442-continued

used in pickling. Seed.

440443. Kitaibelia vitifolia Willd. (Malvaceae).


440444 TO 440448. Kochia sp. (Chenopodiaceae).


440449. Koeleria glauca DC. (Poaceae).

Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440450 TO 440456. Koeleria gracilis Pers. (Poaceae).


440457 TO 440458. Koeleria luerssenii Domin. (Poaceae).


top. Culms to 1 m tall. Found only in the Caucasus region. Wild. Seed.


440459. Lapsana communis L. (Asteraceae).

440460 to 440462. Lathyrus hirsutus L. (Fabaceae). Rough peavine.


440463 to 440464. Lathyrus sp. (Fabaceae).


440465 TO 440469. Lathyrus tuberosus L. (Fabaceae).


440470 TO 440471. Lavatera thuringiaca L. (Malvaceae).


440472 TO 440473. Linum austriacum L. (Linaceae).


440472 TO 440473-continued


440474 TO 440475. Lolium perenne L. (Poaceae) Perennial ryegrass.

From Soviet Union. Collected by D.R. Dewey and A.E. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah. Received February 1978.


440476 TO 440481. Lotus caucasicus Kupr. (Fabaceae).


440482 TO 440485. *Lotus corniculatus* L. (Fabaceae) Birdsfoot trefoil.


440487. *Lotus sp.* (Fabaceae).


440488 TO 440489. *Malus sp.* (Rosaceae).


440488. D-1931. Collected August 14, 1977. Between Alma Alta and


Marrubium praecox Janka (Lamiaceae).


Medicago cancellata Bieb. (Fabaceae).


D-1611. Collected August 01, 1977. Lenin Collective Farm, 90 km E of Stavropol, 14 km NW of Svetlograd. 300 m. Sandy site, heavily grazed. Wild. Seed.

Medicago sativa L. (Fabaceae) Alfalfa.


south of Stavropol. 510m. Plants vigorous, to 35cm tall. Received as M. romanica. Wild. Seed.


440541 TO 440543. Medicago sativa subsp. x varia (Martyn) Arc. (Fabaceae).


440544. Medicago sp. (Fabaceae).


440545. Melica sp. (Poaceae).


440546 to 440547. Melica transsilvanica Schur (Poaceae).


440548 to 440551. Melilotus alba Medik. (Fabaceae) White sweetclover.


440550. D-1993. Collected August 17, 1977. Roadside, 8km east of
440548 TO 440551-continued

Trudovoi Pajari Farm Village, 40km NE of Dzhambul. Wild. Seed.


440552. Melilotus dentata (Waldst. & Kit.) Pers. (Fabaceae).


D-1603. Collected July 31, 1977. Near pond, 2km from Shpakovskoye Village, 12km east of Stavropol. 300-350m. Plants similar to M. officinalis but leaves have toothed margins. Low in coumarin. Wild. Seed.

440553 TO 440564. Melilotus officinalis Lam. (Fabaceae) Yellow sweetclover.


440565 TO 440566. Muretia transitoria Korovin (Apiaceae).


440568. Onobrychis grandis Lipsky (Fabaceae).


D-2132. Collected August 24, 1977. Dry ravine, Victory Collective Farm, 75km east of Chinimken, then 15km NE. Plants to 60cm. Wild. Seed.

440569 TO 440573. Onobrychis inermis Stev. (Fabaceae).


440574. Onobrychis vassilczenkoi Grčssh. (Fabaceae).


440575 TO 440577. Onobrychis viciifolia Scop. (Fabaceae) Sainfoin.

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
440575 TO 440577-continued
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

of Tselinograd. Plants to 50cm tall. Received as O.
sativa. Wild. Seed.

440576. D-1784. Collected August 09, 1977. "18 Years of
Kazakhstan" Collective Farm, 40km west of Shorthandly.
Received as O. sativa. Wild. Seed.

of Tselinograd. Plants 60 to 80cm tall. Received as O.
sativa. Wild. Seed.

440578. Ononis arvensis L. (Fabaceae).
From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

P-56. Collected July 25, 1977. Four km south of
Stavropol Botanical Garden. 620m. Plants shrubby,
appearing to spread underground. Wild. Seed.

440579 TO 440580. Origanum tyttanthum Gontsch. (Lamiaceae).
From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

of Victory Collective Farm Headquarters. Plants woody,
fine-stemmed, to 60cm tall. Wild. Seed.

440580. D-2209. Collected August 26, 1977. Low mountains, about
25km SE of Victory Collective Farm Headquarters. 1400m.
Moist slope. Plants to 50cm tall. Perennial woody. Wild.
Seed.

440581 TO 440582. Paeonia sp. (Ranunculaceae).
From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.
440581 TO 440582-continued


440583. Paeonia tenuifolia L. (Ranunculaceae) Fringed peony.


440584 TO 440585. Phalaris arundinacea L. (Poaceae) Reed canarygrass.


440586 TO 440594. Phleum phleoides (L.) Karst. (Poaceae).


440586 TO 440594-continued

Novomarjevskaya, 7 to 8 km west of Stavropol. 550 m. Wild. Seed.


440595. Phleum sp. (Poaceae).


440596. Poa bulbosa L. (Poaceae) Bulbous bluegrass.


Plants bulbous, small, 10 to 15 cm tall. Perennial herb. Wild. Seed.

440597 to 440599. Poa compressa L. (Poaceae) Canada bluegrass.


440600 to 440609. Poa pratensis L. (Poaceae) Kentucky bluegrass.


440610 TO 440611. Poa sp. (Poaceae).


440612. Polygonum divaricatum L. (Polygonaceae).


440613. Potentilla adenophylla Boiss. & Hohen. (Rosaceae).


P-147. Collected July 29, 1977. Victory Collective Farm, 86 km southeast of Stavropol. 270 m. Plants to 10 cm tall.
440613-continued
Wild. Seed.

440614 TO 440615. Potentilla argentea L. (Rosaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

Institute Farm. 400m. Plants to 15cm tall. Wild. Seed.

25km southeast of Victory Collective Farm Headquarters.
1400m. Dry slope. Stems prostrate, to 40cm long. Wild.
Seed.

440616 TO 440617. Poterium polygamum Waldst. & Kit. (Rosaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


Collective Farm, 75km east of Chimkent, then 15km NE.
Plants erect, to 50cm tall, perennial. Perennial herb.
Wild. Seed.

440618. Prunella vulgaris L. (Lamiaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

Flowers blue. Possible ornamental. Wild. Seed.

440619. Prunus mahaleb L. (Rosaceae) Mahaleb cherry.

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

P-152. Collected July 24, 1977. Rocky area, Victory
Collective Farm. 270m. Plant 0.7 to 3m tall. Drupes
present. Grazed. Received as basionym, Cerasus mahaleb.
Perennial woody. Wild. Seed.
440620. **Prunus padus** L. (Rosaceae).


440621 to 440622. **Prunus sogdiana** Vassilcz. (Rosaceae).


440623 to 440627. **Psathyrostachys juncea** (Fisch.) Nevski (Poaceae) Russian wildrye.


440626. D-1835. Collected August 11, 1977. Sandy riverside,
Shorthandy Institute Headquarters. Plants to 60cm tall, nonshattering. Received as Elymus juncea. Wild. Seed.


440633 TO 440634. **Rhamnus catharticus L.** (Rhamnaceae).


440635. **Ribes diacantha Pall.** (Grossulariaceae).


440636 TO 440638. **Rosa canina L.** (Rosaceae) Dog rose.


440639. **Rosa kochiana Koehne** (Rosaceae).

From Soviet Union. Collected by D.R. Dewey and A.F. Plummer,
440639-continued
Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

D-2137. Collected August 24, 1977. Dry ravine, Victory Collective Farm, 75km E of Chinkent, then 15km NE. Plants to 70cm tall. Thorns long, thin. Perennial woody. Wild. Seed.

440640 TO 440644. Rosa sp. (Rosaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440645 TO 440646. Rosa spinosissima L. (Rosaceae) Scotch rose.

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440647 TO 440648. Salvia deserta Schang. (Lamiaceae).


440648. D-2133. Collected August 24, 1977. Dry ravine, Victory Collective Farm, 75 km east of Chimkent, then 15 km NE. Plants to 50 cm tall. Flowers purple. Wild. Seed.

440649 TO 440651. Salvia tesquicola Klok. & Pobedim. (Lamiaceae).


440652. Sanguisorba sp. (Rosaceae).


440653. Scabiosa ochroleuca L. (Dipsacaceae).


440654. Secale kuprijanovii Grossh. (Poaceae).


440655. Silene vulgaris (Moench) Garcke (Caryophyllaceae).


440657. Spiraea japonica L. f. (Rosaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest &
440657-continued
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440658. Stachys officinalis (L.) Trevisan (Lamiaceae).

440659. Stachys germanica L. (Lamiaceae).

440660. Stipa capillata L. (Poaceae).

440661. Stipa caragana Trin. (Poaceae).
D-2196. Collected August 26, 1977. Low mountains about 25km SE of Victory Collective Farm Headquarters. 1400m.
440661-continued
Meadow land at mountain top. Bunch type. Plants to 1 m tall. Panicles open. Received as Lasiagrostis caragana. Wild. Seed.

440662. Stipa splendens Trin. (Poaceae) Needle grass.


440663 TO 440664. Teucrium polium L. (Lamiaceae).


440665 TO 440667. Thymus pannonicus All. (Lamiaceae).


440665. P-140. Collected July 29, 1977. Bridge on Victory Collective Farm, 186km southeast of Stavropol. 270m. Plants to 6cm. Spreads vegetatively, used as ground cover. Wild. Seed.


440668. *Trichodesma incanum* Bunge (Boraginaceae).


Received February 1978.


440669 TO 440670. *Trifolium alpestre* L. (Fabaceae).


Received February 1978.


440671 TO 440717. *Trifolium ambiguum* Bieb. (Fabaceae) Kura clover.


Received February 1978.


440718. Trifolium arvense L. (Fabaceae) Babbit-foot clover.


440719 TO 440722. Trifolium aureum Foll. (Fabaceae) Hop clover.


440723. *Trifolium campestre* Schreb. (Fabaceae) Large hop clover.

From Soviet Union. Collected by D. R. Dewey and A. F. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.

Received February 1978.


440724 TO 440726. *Trifolium diffusum* Ehrh. (Fabaceae).

From Soviet Union. Collected by D. R. Dewey and A. F. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.

Received February 1978.


440727 TO 440731. *Trifolium fragiferum* L. (Fabaceae) Strawberry clover.

From Soviet Union. Collected by D. R. Dewey and A. F. Plummer, Crops Research Lab., Utah State Univ. & Intermountain Forest & Range Experiment Station, USDA, Logan and Ephraim, Utah.

Received February 1978.


440732 TO 440733. *Trifolium medium* L. (Fabaceae) Zig-zag clover.


440734. *Trifolium montanum* L. (Fabaceae).


440735. *Trifolium parvifolium* Ehrh. (Fabaceae).


440736 TO 440744. *Trifolium pratense* L. (Fabaceae) Bed clover.


440737. D-1600. Collected July 31, 1977. Two km from Shpakovskoye Village, 12km east of Stavropol. 300-350m.
440736 TO 440747-continued
Sandy hillside, Stavropol Agricultural Institute Farm. Wild. Seed.


440745 TO 440747. Trifolium repens L. (Fabaceae) White clover.


440748. Trifolium rubens L. (Fabaceae).

440748-continued


440749. Trifolium agrarium L. (Fabaceae).


440750. Tulipa greigii Regel (Liliaceae).


D-2135. Collected August 24, 1977. Dry ravine, Victory Collective Farm, 75 km E of Chimkent, then 15 km NE. Plants to 20 cm tall. Wild. Seed.

440751. Verbascum pyramidatum Bieb. (Scrophulariaceae).


440752. Calamagrostis epigeios (L.) Roth (Poaceae).


440753 TO 440760. Vicia cracca L. (Fabaceae) Boreal vetch.


440761 TO 440762. Vicia pannonica Crantz (Fabaceae) Hungarian vetch.


440763 TO 440767. Vicia sativa subsp. nigra (L.) Ehrh. (Fabaceae)
Blackpod vetch.

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


Sheep & Goat Farm, 52km southeast of Stavropol. 500-600m.
Annual. Wild. Seed.

Victory Collective Farm, 80km east of Stavropol. 250m.
Annual. Wild. Seed.


440768. Vicia sp. (Fabaceae)

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.


440769 TO 440776. Vicia tenuifolia Roth (Fabaceae).

From Soviet Union. Collected by D.R. Dewey and A.P. Plummer,
Crops Research Lab., Utah State Univ. & Intermountain Forest &
Range Experiment Station, USDA, Logan and Ephraim, Utah.
Received February 1978.

to 30cm tall, hardy. Wild. Seed.

Sheep & Goat Farm, 52km southeast of Stavropol. 550m.
Plants to 40cm tall. Wild. Seed.

plateau, about 40km south of Stavropol. 800m. Open meadow
440769 TO 440776—continued


440777 TO 440779. Vicia tetrasperma (L.) Schreb. (Fabaceae) Sparrow vetch.


440780. Vicia villosa Roth (Fabaceae) Hairy vetch.


440781. Viola tricolor L. (Violaceae).


440782 TO 440784. Xerantheum annuum L. (Asteraceae).


440785 TO 440795. Phaseolus acutifolius A. Gray (Fabaceae) Tepary bean.

From Mexico. Collected by Gary Nabhan, Department of Plant Sciences, University of Arizona, Tucson, Arizona. Received March 1978.


440785 TO 440795-continued


440796 TO 440797. Phaseolus vulgaris L. (Fabaceae) Garden bean.

From Mexico. Collected by Gary Nabhan, Department of Plant Sciences, University of Arizona, Tucson, Arizona. Received March 1978.


440797. GN x623b. Papago Indian Village, northeast Sonora. Locally referred to as "pinks". Cultivated. Seed.

440798 TO 440806. Phaseolus acutifolius A. Gray (Fabaceae) Tepary bean.

From United States. Collected by Gary Nabhan, Department of Plant Sciences, University of Arizona, Tucson, Arizona. Received March 1978.


440798 TO 440805—continued
white and brown. Received as var. latifolius. Cultivated. Seed.


440807 TO 440808. Phaseolus lunatus L. (Fabaceae) Lima bean.

From United States. Collected by Gary Nabhan, Department of Plant Sciences, University of Arizona, Tucson, Arizona. Received March 1978.


440809 TO 440813. Undetermined (Fabaceae).

From United States. Collected by Gary Nabhan, Department of Plant Sciences, University of Arizona, Tucson, Arizona. Received March 1978.


440810. GN x521. Collected September 18, 1976. Steep slope,
440809 TO 440813-continued
Papago Reservation, Baboquivari Canyon, Topowa, Arizona. 1535m. Vine 1 m long. Received as Phaseolus acutifolius var. tenuifolius. Wild. Seed.


440812. GN x524. Santa Rita Mt. foothills, Rosemont, Pima County, near Highway 83, Arizona. 1464-1525m. Vine to 2m long. Local name cocolmeca. Received as Phaseolus ritensis. Wild. Seed.

440813. GN x525. Collected September 25, 1976. Santa Rita Mt. foothills, Rosemont, Pima County, near Highway 83, Arizona. 1434-1495m. Vine, climbing, to 2.2m long. Received as Phaseolus acutifolius var. latifolius. Wild. Seed.

440814 TO 440817. Miscanthus sp. (Poaceae).
From China, Republic of. Donated by Taiwan Sugar Research Institute, Tainan, Taiwan. Received February 1980.


440818. Erianthus arundinaceus (Betz.) Jesw. (Poaceae) Plumegrass.
From India. Donated by J. Thuljaram Rao, Sugarcane Breeding Institute, Tamil Nadu. Received February 1980.


440819 TO 440839. Saccharum officinarum L. (Poaceae) Sugarcane.
From India. Donated by J. Thuljaram Rao, Sugarcane Breeding Institute, Tamil Nadu. Received February 1980.

440819 TO 440839-continued

440826. 51 NG 43. Cultivated. Cuttings.
440827. 51 NG 73. Cultivated. Cuttings.
440828. 51 NG 97. Cultivated. Cuttings.
440836. 57 NG 188. Cultivated. Cuttings.
440839. 96 NG 15. Cultivated. Cuttings.

440840. Saccharum robustum Brandes & Jesw. ex Grassl (Poaceae).

From India. Donated by J. Thuljaram Rao, Sugarcane Breeding Institute, Tamil Nadu.
Received February 1983.


440841. Saccharum sinense Roxb. (Poaceae).

From India. Donated by J. Thuljaram Rao, Sugarcane Breeding

440842 TO 440895. Saccharum sp. (Poaceae).

From India. Donated by J. Thuljaram Rao, Sugarcane Breeding Institute, Tamil Nadu. Received February 1980.

440854. Saipan D. Cultivated. Cuttings.


440869. NG 64. Cultivated. Cuttings.


440874. 21 NG 37. 2N = 80. Cultivated. Cuttings.

440875. 28 NG 37. 2N = 80. Cultivated. Cuttings.

440876. 28 NG 43. 2N = 80. Cultivated. Cuttings.

440877. 28 NG 84. Cultivated. Cuttings.

440878. 28 NG 97. Cultivated. Cuttings.


440881. 51 NG 45. Cultivated. Cuttings.

440882. 51 NG 61. Cultivated. Cuttings.

440883. 51 NG 89. Cultivated. Cuttings.

440884. 51 NG 92. Cultivated. Cuttings.

440885. 51 NG 98. Cultivated. Cuttings.

440886. 51 NG 114. Cultivated. Cuttings.


440888. 57 NG 15. Cultivated. Cuttings.
440842 TO 440895—continued

440891. 57 NG 140. Cultivated. Cuttings.
440892. 57 NG 149. Cultivated. Cuttings.
440893. 57 NG 149 striped. Cultivated. Cuttings.

440896 TO 440899. *Saccharum spontaneum* L. (Poaceae).

*From India*. Donated by J. Thuljaram Rao, Sugarcane Breeding Institute, Tamil Nadu.
Received February 1980.

440896. SES 268. 2N = 64. Cultivated. Cuttings.
440897. SES 272. 2N = 64. Cultivated. Cuttings.
440898. SES 289C. Cultivated. Cuttings.

440900 TO 440901. *Erianthus* sp. (Poaceae).

*From Indonesia*. Donated by International Society of Sugarcane Technologists, Pasuran.
Received February 1980.

440900. IJ76-370. Muddy river bank, from junction to Butiptiri. 50m. Wild. Cuttings.

440902. *Saccharum officinarum* L. (Poaceae) Sugarcane.

*From Indonesia*. Donated by International Society of Sugarcane Technologists, Pasuran.
Received February 1980.

IS76-123. Garden along Palu-Kulawi Road, 35km from Palu. 35m. Chewing cane. Local name tebu. Cultivated. Cuttings.
440903 TO 440904. *Saccharum robustum* Brandes & Jesw. ex Grassl (Poaceae).

From Indonesia. Donated by International Society of Sugarcane Technologists, Pasuruan. Received February 1980.

440903. IK76-255. Edge of depression, 100m back from Biwuapa River, Seram. 5m. Local name tebu tebu. Wild. Cuttings.

440904. IJ76-535. Thicket on steep bank of Tembuni River below Tembuni. 100m. Leaves glabrous. Culms with red intercalary meristem. Wild. Cuttings.

440905 TO 440908. *Saccharum spontaneum* L. (Poaceae).

From Indonesia. Donated by International Society of Sugarcane Technologists, Pasuruan. Received February 1980.


440906. IS76-131. Deep ravine, Palu-Kulawi Road, 68km from Palu. 680m. Single stool to 4m. Leaf sheaths hirsute. Wild. Cuttings.


440909. *Festuca mairei* St. Yves (Poaceae).

From Morocco. Donated by M. Bounejmate, D. R. A. Station Centrale des Plantes Fourageres, Babat. Received through G.A. White, Germplasm Resources Laboratory, USDA, Beltsville, Maryland. Received June 1978.

7243. Plants.


From Morocco. Donated by M. Bounejmate, D. R. A. Station Centrale des Plantes Fourageres, Babat. Received through G.A. White, Germplasm Resources Laboratory, USDA, Beltsville, Maryland. Received June 1978.

440911. Festuca rubra subsp. rubra L. (Poaceae) Bed fescue.

From Morocco. Donated by M. Bounejmate, D. R. A. Station Centrale des Plantes Fourrageres, Rabat. Received through G.A. White, Germplasm Resources Laboratory, USDA, Beltsville, Maryland. Received June 1978.

7245. Plants.

440912. Festuca sulcata (Hack.) Beck (Poaceae).

From Morocco. Donated by M. Bounejmate, D. R. A. Station Centrale des Plantes Fourrageres, Rabat. Received through G.A. White, Germplasm Resources Laboratory, USDA, Beltsville, Maryland. Received June 1978.

9176. Plants.

440913. Glycine max (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Donated by Kirin Academy of Agricultural Sciences, Kungchuling, Kirin Province. Received through W.O. Scott, Department of Agronomy, University of Illinois, Urbana. Received March 1980.


440914. Avena barbata Fott ex Link (Poaceae) Slender oat.

From Canada. Donated by Ottawa Research Station, Research Branch, Canada Department of Agriculture, Ottawa, Ontario. Received August 1979.


440915 TO 440920. Avena sterilis L. (Poaceae) Animated oats.

From Canada. Donated by Ottawa Research Station, Research Branch, Canada Department of Agriculture, Ottawa, Ontario. Received August 1979.


440921. Agropyron spicatum (Pursh) Scribn. & Smith (Poaceae) Bluebunch wheatgrass.


440922. Amaryllis nelsonii Cardenas (Amaryllidaceae).


440923. Phaseolus vulgaris L. (Fabaceae) Garden bean.

From Peru. Collected by O.W. Norvell, Stanford University, Palo Alto, California. Received October 1979.


440924 TO 440926. Dactylis glomerata L. (Poaceae) Orchardgrass.

From Canada. Collected by R.P. Knowles, Agriculture Canada Research Station, Saskatoon, Saskatchewan. Received through Plant Gene Resources of Canada, Agriculture Canada, Ottawa, Ontario. Received February 1980.


440927 TO 440943. Glycine canescens F. J. Hermann (Fabaceae).

From Australia. Donated by T. Hymowitz, Department of Agronomy, University of Illinois, Urbana, Illinois. Received August 1979.


440927 TO 440943-continued


440944 TO 440974. Glycine clandestina Wendl. (Fabaceae).

From Australia. Donated by T. Hymowitz, Department of Agronomy,


440965. Australia. Canberra City. Section of Genetic Resources, CSIRO. 1187. Tracks to main peak, basalt soil, Brampton
440944 TO 440974—continued

Island, Queensland. 50m. Collected by P. Broue. Wild. Seed.


440975. Glycine falcata Benth. (Fabaceae).

From Australia. Donated by T. Hymowitz, Department of Agronomy, University of Illinois, Urbana, Illinois. Received August 1979.

440976 TO 440977. Glycine latrobeana (Heissn.) Benth. (Fabaceae).

From Australia. Donated by T. Hymowitz, Department of Agronomy, University of Illinois, Urbana, Illinois. Received August 1979.

440976. Australia. Canberra City. Section of Genetic Resources, CSIRO. 1251. Site 1, Coleraine-Hodgsons Lane, 240km from road junction, Western Victoria. Wild. Seed.


440978 TO 440980. Glycine latifolia (Benth.) Newell & Hymowitz (Fabaceae).

From Australia. Donated by T. Hymowitz, Department of Agronomy, University of Illinois, Urbana, Illinois. Received August 1979.


440981. Glycine tabacina (Labill.) Benth. (Fabaceae).

From Fiji. Donated by T. Hymowitz, Department of Agronomy, University of Illinois, Urbana, Illinois. Received August 1979.


440982 TO 440997. Glycine tabacina (Labill.) Benth. (Fabaceae).

From Australia. Donated by T. Hymowitz, Department of Agronomy, University of Illinois, Urbana, Illinois. Received August 1979.

April 16, 1976. Port Macquarie, south end of Nobbys Beach, 16km from main road, N.S.W. Collected by Grace. Wild. Seed.


440982 TO 440997-continued


440998 TO 441011. Glycine tomentella Hayata (Fabaceae).

From Australia. Donated by T. Hymowitz, Department of Agronomy, University of Illinois, Urbana, Illinois.

Received August 1979.


441004. Australia. Canberra City. Section of Genetic Resources,


Glycine tomentella Hayata (Fabaceae).
From China, Republic of. Collected by T. Hymowitz, Department of Agronomy, University of Illinois, Urbana, Illinois. Received August 1979.


Gossypium barbadense L. (Malvaceae) Sea-island cotton.
From Soviet Union. Donated by N.I. Vavilov Institute of Plant Industry, Leningrad. Received through US-USSR Agreement for
**441014 TO 441019—continued**

Science & Technology in Agriculture.

Received January 1980.

441014. 5904. Termez. Seed index 11.6g. Boll weight 3.2-3.4g. Percent lint 33-36. Fiber length 37.7mm. Tensile strength 5.2g/cm. Cultivated. Seed.


441017. 8763-I. Seed index 10.3g. Boll weight 3.9g. Percent lint 31.1. Fiber length 41.5mm. Tensile strength 5.1g/cm. Maturity 145-155 days. Released 1953. Cultivated. Seed.

441018. S-6030. Syrkhandar'in. Seed index 11.6g. Boll weight 3.5-3.7g. Percent lint 35. Fiber length 42.3mm. Tensile strength 4.1g/cm. Cultivated. Seed.


441020 TO 441029. *Gossypium hirsutum* L. (Malvaceae) Upland cotton.


Received January 1980.

441020. 108-F. Karasyi kolkhoz. Seed index 10.5g. Boll weight 6.5-7.0g. Percent lint 31. Fiber length 32.9mm. Tensile strength 4.7g/cm. Cultivated. Seed.

441021. 133. Seed index 12.3g. Boll weight 6.6g. Percent lint 33.6. Fiber length 36.5mm. Tensile strength 4.6g/cm. Maturity 140-145 days. Released in 1962. Cultivated. Seed.

441022. 138-F. Gagarin. Boll weight 7.2-7.5g. Seed index 11.6g. Percent lint 38. Fiber length 36.1mm. Tensile strength 4.5g/cm. Cultivated. Seed.

441023. 153-F. Kachan stud farm. Boll weight 6.0-6.5g. Seed
441020 to 441029—continued
index 11.0g. Percent lint 39–40. Fiber length 31.9mm. Tensile strength 4.7g/cm. Cultivated. Seed.

441024. 3038. Azerbaijan Research Institute of Cotton Breeding, Kirovabad. Seed index 10.1g. Boil weight 5.3g. Percent lint 38.9. Fiber length 32.0–33.0mm. Tensile strength 4.8–5.0g/cm. Maturity 128 days. Released in 1967. Cultivated. Seed.


441028. S-4727. Turkestan kolkhoz. Seed index 10.9g. Boll weight 6.3–6.8g. Percent lint 34. Fiber length 33.5mm. Tensile strength 4.6g/cm. Cultivated. Seed.

441029. Tashkent-I. Dal'verzan kolkhoz. Seed index 10.3g. Boil weight 6.0–6.5g. Percent lint 37. Fiber length 32.3mm. Tensile strength 4.6g/cm. Cultivated. Seed.

441030 to 441036. Dactylis glomerata subsp. smithii (Link) Stebbins & Zohary (Poaceae).

From Japan. Donated by Laboratory of Grass Breeding, Pasture Plants Division, Nat. Grassland Research Institute, Nasu-gun, Tochigi. Received through UJNR Project on Forage Crop Germplasm Exchange & Evaluation. Code numbers refer to 1976 National Grassland Research Institute listing. Received December 1978.


441030 TO 441036—continued


441037 TO 441038. Phleum pratense L. (Poaceae) Timothy.

From Japan. Donated by Forage Crops Breeding Section, Hokkaido Pref., Kitami Agriculture Experiment Station, Tokoro-gun, Hokkaido. Received through UJNR Project on Forage Crop Germplasm Exchange & Evaluation. Code numbers refer to 1976 National Grassland Research Institute listing. Received December 1978.


441039. Euonymus americana L. (Celastraceae).


441040 TO 441042. Ceratoides lanata (Pursh) Howell (Chenopodiaceae) Winterfat.


441043 TO 441060. Fallugia paradoxa (D. Don) Endl. (Rosaceae).


441043 TO 441060—continued


441061. Festuca arundinacea Schreb. (Poaceae) Tall fescue.


441062. Fraxinus pennsylvanica Marsh. (Oleaceae).


441063. Fraxinus sp. (Oleaceae).


441065. Gymnocladus dioica (L.) Koch (Fabaceae).


441067 TO 441068. Hemerocallis sp. (Liliaceae).


441070. Hibiscus militaris Cav. (Malvaceae).
From United States. Held by Knox City Plant Materials Center,


441072 TO 441092. *Hilaria mutica* (Buckl.) Benth. (Poaceae).


441093. Ilex decidua Walt. (Aquifoliaceae).

441093-continued


441094. Impatiens capensis Meerb. (Balsaminaceae).


441095 TO 441096. Iris sp. (Iridaceae).


441099. Juglans sp. (Juglandaceae).

Received January 1980.


441100 TO 441102. Juniperus virginiana L. (Cupressaceae) Eastern red-cedar.

Received January 1980.


441103. Leersia oryzoides (L.) Sw. (Poaceae).

Received January 1980.


441104 TO 441106. Leptochloa dubia (H.B.K.) Nees (Poaceae).

Received January 1980.


Lespedeza capitata Michx. (Fabaceae) Roundhead lespedeza.

Received January 1980.


441124 TO 441125. Lespedeza stuevei Nutt. (Fabaceae).


441126. Leucaena leucocephala (Lam.) de Wit (Fabaceae) Leadtree.


441127 TO 441133. Liatris punctata Hook. (Asteraceae).


441127 TO 441133—continued


441135. Liatris sp. (Asteraceae).


441136 TO 441138. Lippia sp. (Verbenaceae).


441136 TO 441138-continued


441139. Liquidambar styraciflua L. (Altingiaceae) Sweetgum.

From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox
City, Texas.
Received January 1980.


441140. Lonicera maackii (Rupr.) Maxim. (Caprifoliaceae).

From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox
City, Texas.
Received January 1980.

Wild. Seed.

441141. Lotus corniculatus L. (Fabaceae) Birdsfoot trefoil.

From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox
City, Texas.
Received January 1980.

herb. Wild. Seed.


From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox
City, Texas.
Received January 1980.


441143 TO 441145. Melica nitens (Scribn.) Nutt. ex Piper (Poaceae).

From United States. Held by Knox City Plant Materials Center,
441143 TO 441145-continued
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.


441146 TO 441147. Menodora sp. (Cleaceae).
From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.

Perennial herb. Wild. Seed.


441148 TO 441150. Mimosa strigillosa Torr. & Gray (Fabaceae).
From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.


441151 TO 441152. Muhlenbergia porteri Scribn. (Poaceae).
From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.

441151 TO 441152—continued


441153. Oenothera serrulata Nutt. (Onagraceae).

From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.


441154. Oenothera speciosa Nutt. (Onagraceae).

From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.


441155. Oryzopsis hymenoides (Roem. & Schult.) Ricker (Poaceae).

From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.


From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.


441157 TO 441159. Panicum bulbosum H. B. K. (Poaceae).

From United States. Held by Knox City Plant Materials Center,
441157 TO 441159—continued
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.


441160 TO 441162. Panicum havardii Vasey (Poaceae).

Received January 1980.


441163. Panicum hemitomon Schult. (Poaceae).

Received January 1980.


Received January 1980.

441164-continued

749m. Perennial herb. Wild. Seed.

441165. Panicum virgatum L. (Poaceae) Switchgrass.

Received January 1980.


441166 TO 441172. Pappophorum mucronulatum Nees (Poaceae).

Received January 1980.


441173. Parthenium argentatum A. Gray (Asteraceae).

Received January 1980.


Received January 1980.


Received January 1980.


441176. *Penstemon barbatus* (Cav.) Roth (Scrophulariaceae).

Received January 1980.


441177 TO 441178. *Penstemon* sp. (Scrophulariaceae).

Received January 1980.


441179 TO 441181. *Petalostemon candidum* (Willd.) Michx. (Fabaceae).

From United States. Held by Knox City Plant Materials Center,
441179 TO 441181—continued

Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.


441182. Petalostemon multiflorum Nutt. (Fabaceae).

Received January 1980.


441183 TO 441184. Petalostemon purpureum (Vent.) Rydb. (Fabaceae).

Received January 1980.


441185 TO 441190. Petalostemon sp. (Fabaceae).

Received January 1980.


441191. Phalaris caroliniana Walt. (Poaceae).

Received January 1980.


Received January 1980.


441193 TO 441195. Phalaris sp. (Poaceae).

Received January 1980.


441193 TO 441195—continued

441196. Phyllostachys sp. (Poaceae).

From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox
City, Texas.
Received January 1980.

Rhizomes.

441197 TO 441201. Pinus brutia Ten. (Pinaceae).

From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox
City, Texas.
Received January 1980.

Hegenihengume. 100m. Tree. Wild. Seed.

Seed.


441202 TO 441211. Pinus eldarica Hedw. (Pinaceae).

From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox
City, Texas.
Received January 1980.


441213. Pistacia sp. (Anacardiaceae).


441214. Platanus occidentalis L. (Platanaceae).


441215 TO 441216. Poncirus trifoliata (L.) Raf. (Rutaceae) Trifoliate orange.


441220. Prosopis tamarugo Phil. (Fabaceae) Tamarugo.


441221 TO 441222. Prunus mexicana S. Watson (Rosaceae).


441223 TO 441227. Prunus sp. (Rosaceae).

441223 TO 441227-continued


441228 TO 441229. Psoralea cuspidata Pursh (Fabaceae).


441230. Psoralea esculenta Pursh (Fabaceae).


441231 TO 441239. Psoralea tenuiflora Pursh (Fabaceae).


441240 TO 441243. Psoralea sp. (Fabaceae).


441244. Pyracantha angustifolia (Franch.) C. Schneid. (Rosaceae).

From United States. Held by Knox City Plant Materials Center, Soil Conservation Service, U.S. Department of Agriculture, Knox
441244-continued
City, Texas.
Received January 1980.

441245. Quercus falcata Michx. (Fagaceae).
From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox
City, Texas.
Received January 1980.

441246 TO 441249. Quercus macrocarpa Michx. (Fagaceae).
From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox
City, Texas.
Received January 1980.


206m. Tree. Wild. Seed.

205m. Tree. Wild. Seed.

441250. Quercus phellos L. (Fagaceae) Willow oak.
From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox
City, Texas.
Received January 1980.

441251. Quercus virginiana Mill. (Fagaceae).
From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox
441251-continued
City, Texas.
Received January 1980.


441252 TO 441256. Quercus sp. (Fagaceae).


441257. Redfieldia flexuosa (Thunb.) Vasey (Poaceae).


441258. Rhus copallina L. (Anacardiaceae).

441259 TO 441260. *Rhus microphylla* Engelman (Anacardiaceae).

Received January 1980.


441261 TO 441262. *Rhus trilobata* Nutt. (Anacardiaceae).

Received January 1980.


Received January 1980.


441264 TO 441265. *Schizachyrium scoparium* (Michx.) Nash (Poaceae) Little bluestem.

Received January 1980.


441268 TO 441269. *Silphium laciniatum* L. (Asteraceae).


441270. *Sitanion hystrix* (Nutt.) J. G. Sm. (Poaceae) Squirreltail.


441271 TO 441273-continued


441274 TO 441275. Spartina patens (Ait.) Muhl. (Poaceae) Salt-meadow cordgrass.

Received January 1980.


441276 TO 441277. Spartina pectinata Link (Poaceae).

Received January 1980.


441278. Spartina sp. (Poaceae).

Received January 1980.


441279-continued
Received January 1980.


441280 TO 441283. Sporobolus giganteus Nash (Poaceae).


441284. Sporobolus sp. (Poaceae).


441285 TO 441286. Stipa comata Trin. & Rupr. (Poaceae).


441287 TO 441289. Stipa neomexicana (Thurb.) Scribn. (Poaceae).


Received January 1980.


441290. Stylosanthes fruticosa (Retz.) Alst. (Fabaceae).


Received January 1980.


441291. Symphoricarpos orbiculatus Moench (Caprifoliaceae) Coralberry.


Received January 1980.


Received January 1980.


441293. Taxodium mucronatum Ten. (Taxodiaceae).

441293-continued
City, Texas.
Received January 1980.


441294 TO 441295. Tephrosia virginiana (L.) Fers. (Fabaceae).

Received January 1980.


441296. Tephrosia sp. (Fabaceae).

Received January 1980.


441297 TO 441303. Trichloris crinita (Lag.) Farodi (Poaceae).

Received January 1980.


441297 TO 441303—continued


441304 TO 441305. Tridens muticus (Torr.) Nash (Poaceae).


441306 TO 441318. Tripsacum dactyloides (L.) L. (Poaceae) Eastern gamagrass.


441319 TO 441320. Ulmus crassifolia Nutt. (Ulmaceae).


441321. Ungnadia speciosa Endl. (Sapindaceae).


441322. Vaccinium arboreum Marsh. (Ericaceae).

From United States. Held by Knox City Plant Materials Center, Soil Conservation Service, U.S. Department of Agriculture, Knox
441322-continued
City, Texas.
Received January 1980.


441323 TO 441324. Viburnum rufidulum Baf. (Caprifoliaceae) Rusty blackhaw.
From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.


441325. Vicia sativa subsp. nigra (L.) Ehrh. (Fabaceae) Blackpod vetch.
From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.


441326. Vicia villosa Both (Fabaceae) Hairy vetch.
From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.


441327. Vinca sp. (Apocynaceae).
From United States. Held by Knox City Plant Materials Center,
Soil Conservation Service, U.S. Department of Agriculture, Knox City, Texas.
Received January 1980.

Plants.

**441328 TO 441330. Vitis sp. (Vitaceae).**


**441331. Yucca sp. (Agavaceae).**


**441332. Zea perennis (Hitchc.) Reeves & Mangelsd. (Poaceae) Perennial teosinte.**


**441333 TO 441337. Ziziphus jujuba Mill. (Rhamnaceae) Common jujube.**


44133 TO 441337-continued


441338. Undetermined (Fabaceae).


441339 TO 441383. Glycine max (L.) Merr. (Fabaceae) Soybean.

From Indonesia. Donated by S. Djojoderdjo and Soebekti, University of Gadjah Mada, Jogjakarta. Received through INTSOY, University of Puerto Rico, Mayaguez, Puerto Rico. Received February 1979.


441346. 9. Hganjuk, East Java. Maturity 89 days. Seeds yellow.
441339 TO 441383—continued
Cultivated. Seed.


441381. 74. Nglamer, Madiun, East Java. Maturity 80 days. Seeds


441384 TO 441507. Abelmoschus esculentus (L.) Moench (Malvaceae) Okra.

From Brazil. Collected by H.T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441393. 305. Banco de Germplasma de Hortalicas. EGH 100.
441384 TO 441507—continued


441405. 317. Banco de Germplasma de Hortalicas. EGH 358. 
Collected November 22, 1966. Jussara, Goias. Local name 
Quiabo. Cultivated. Seed.

441406. 318. Banco de Germplasma de Hortalicas. EGH 361. 
Collected November 22, 1966. Jussara, Goias. Flowers 
without red blotch. Local name Quiabo. Cultivated. Seed.

Collected November 23, 1966. Goias, Goias. Local name 
Quiabo. Cultivated. Seed.

441408. 320. Banco de Germplasma de Hortalicas. EGH 435. 
Collected November 23, 1966. Goias, Goias. Local name 
Quiabo. Cultivated. Seed.

Collected November 24, 1966. Itabirai, Goias. Local name 
Quiabo. Cultivated. Seed.

441410. 322. Banco de Germplasma de Hortalicas. BGH 507. 
Collected November 25, 1966. Goiania, Goias. Local name 
Quiabo. Cultivated. Seed.

441411. 323. Banco de Germplasma de Hortalicas. BGH 547. 
Collected November 26, 1966. Unai, Minas Gerais. Fruits 
ten-loculed, medium-long. Local name Quiabo. Cultivated. 
Seed.

441412. 324. Banco de Germplasma de Hortalicas. BGH 548. 
Collected November 26, 1966. Unai, Minas Gerais. Fruits 
five-loculed, medium-long. Local name Quiabo. Cultivated. 
Seed.

441413. 325. Banco de Germplasma de Hortalicas. BGH 577. 
Collected December 01, 1966. Novo Freiburgo, Rio de 
Seed.

441414. 326. Banco de Germplasma de Hortalicas. BGH 643. 
Collected December 14, 1966. Sao Joao de Rei, Minas 
Gerais. Fruits short. Local name Chifre de Veado. 
Cultivated. Seed.

441415. 327. Banco de Germplasma Hortalicas. BGH 667. Collected 
December 15, 1966. Lavras, Minas Gerais. Obtained from 
Brazil Experiment Station. Local name Quiabo de galho. 
Cultivated. Seed.

441416. 328. Banco de Germplasma de Hortalicas. EGH 669. 
Collected December 15, 1966. Sao Goncalo de Sapucai, 
Minas Gerais. Fruits eight-loculed, blocky. Local name
441384 TO 441507—continued
Quiabo. Cultivated. Seed.


441384 TO 441507—continued

441478. 390. Banco de Germplasma de Hortalicas. EGH 4921. 

441479. 391. Banco de Germplasma de Hortalicas. EGH 4922. 

441480. 392. Banco de Germplasma de Hortalicas. EGH 4923. 

441481. 393. Banco de Germplasma de Hortalicas. EGH 4924. 

441482. 394. Banco de Germplasma de Hortalicas. EGH 4925. 

441483. 395. Banco de Germplasma de Hortalicas. EGH 4926. 

441484. 396. Banco de Germplasma de Hortalicas. EGH 4927. 

441485. 397. Banco de Germplasma de Hortalicas. EGH 4928. 

441486. 398. Banco de Germplasma de Hortalicas. EGH 4929. 

441487. 399. Banco de Germplasma de Hortalicas. EGH 4930. 

441488. 400. Banco de Germplasma de Hortalicas. EGH 4931. 

441489. 401. Banco de Germplasma de Hortalicas. EGH 4932. 

441490. 402. Banco de Germplasma de Hortalicas. EGH 4934. 
441491. 403. Banco de Germplasma de Hortalicas. EGH 4935.
Cultivated. Seed.

441492. 404. Banco de Germplasma de Hortalicas. BGH 4936.
Cultivated. Seed.

441493. 405. Banco de Germplasma de Hortalicas. EGH 4937.


441496. 408. Banco de Germplasma de Hortalicas. EGH 4940.

441497. 409. Banco de Germplasma de Hortalicas. EGH 4941.

441498. 410. Banco de Germplasma de Hortalicas. EGH 4942.

441499. 411. Banco de Germplasma de Hortalicas. BGH 4943.

441500. 412. Banco de Germplasma de Hortalicas. EGH 4944.

441501. 413. Banco de Germplasma de Hortalicas. EGH 4945.

441502. 414. Banco de Germplasma de Hortalicas. EGH 4946.

441503. 415. Banco de Germplasma de Hortalicas. EGH 4947.


441508. Amaranthus sp. (Amaranthaceae).

From Brazil. Collected by H.T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441509. Arachis hypogaea L. (Fabaceae) Peanut.

From Brazil. Collected by H.T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441510. Brassica oleracea var. botrytis L. (Brassicaceae) Broccoli.

From Brazil. Collected by H.T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441511. Brassica oleracea var. botrytis L. (Brassicaceae) Cauliflower.

From Brazil. Collected by H.T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana.
441511-continued
Received October 1978.


441512 TO 441515. Cajanus cajan (L.) Huth (Fabaceae) Pigeon pea.
From Brazil. Collected by H.T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441516 TO 441597. Capsicum baccatum var. pendulum (Willd.) Eshbaugh (Solanaceae) Aji.
From Brazil. Collected by H.T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441519. 107. Banco de Germplasma de Hortalicas. EGH 81.

   Collected September 27, 1966. Vitoria de St. Antao, Pernambuco. Obtained from Brazil State Experiment Station. Fruits 2 x 10cm, red, not astringent, abundant. Local name Pimenta vermelha. Cultivated. Seed.

441521. 128. Banco de Germplasma de Hortalicas. EGH 304.
   Collected February 11, 1967. Small farm, Vicosa, Minas Gerais. Fruits round, 2.5 x 2.5cm, red. Local name pimenta. Cultivated. Seed.

441522. 130. Banco de Germplasma de Hortalicas. EGH 323.
   Goiania, Goias. Fruits elongated, 1.5 x 6cm, red. Local name pimenta. Wild. Seed.

441523. 131. Banco de Germplasma de Hortalicas. EGH 337.

441524. 132. Banco de Germplasma de Hortalicas. EGH 341.


441527. 140. Banco de Germplasma de Hortalicas. EGH 481.
   Collected November 24, 1966. Farm, Inhumas, Goias. Fruits elongated, 1 x 4cm, red. Local name pimenta. Wild. Seed.

441528. 142. Banco de Germplasma de Hortalicas. EGH 620.

441529. 143. Banco de Germplasma de Hortalicas. EGH 631.


441516 to 441597—continued

Minas Gerais. Fruits rounded, 2 cm diam., red. Wild. Seed.


441598 TO 441641. Capsicum chinense Jacq. (Solanaceae) Aji.

From Brazil. Collected by H.T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441605. 125. Banco de Germplasma de Hortalicas. EGH 221.
Collected October 01, 1966. Market, Alagoinha, Bahia. Fruits 1.5 x 8cm, orange. Local name pimenta de cheiro. Cultivated. Seed.

441606. 129. Banco de Germplasma de Hortalicas. BGH 316.

441607. 133. Banco de Germplasma de Hortalicas. EGH 350.

441608. 137. Banco de Germplasma de Hortalicas. EGH 433.


441610. 141. Banco de Germplasma de Hortalicas. EGH 514.

441611. 145. Banco de Germplasma de Hortalicas. BGH 707.


441613. 204. Banco de Germplasma de Hortalicas. EGH 1688.


441628. 240. Brazil. Vicosa, Minas Gerais. Banco de Germplasma
441598 TO 441641—continued


441639. 281. Brazil. Vicosa, Minas Gerais. Banco de Germplasma
441598 TO 441641—continued
Cuiaba, Mato Grosso. Local name pimenta poca. Seed.

441640. 282. Brazil. Vicosa, Minas Gerais. Banco de Germplasma
Rondonopolis, Mato Grosso. Fruits red. Local name pimenta poca. Seed.

441641. 283. Brazil. Vicosa, Minas Gerais. Banco de Germplasma
Rondonopolis, Mato Grosso. Fruits yellow. Local name pimenta olha de peixe. Seed.

441642 TO 441653. Capsicum frutescens L. (Solanaceae) Redpepper.
From Brazil. Collected by H.T. Erickson, Department of
Horticulture, Purdue University, West Lafayette, Indiana.
Received October 1978.

441642. 102. Banco de Germplasma de Hortalicas. EGH 71.
Collected September 22, 1966. Market, Feira de Santana,
Bahia. Fruits small, round, very sharp flavor. Local name
pimenta de cheiro. Cultivated. Seed.

Fruits small, elongated, red, very sharp flavor. Local
name pimenta malagueta. Cultivated. Seed.

Collected November 22, 1966. Uva, Goias. Fruits small,
elongated, 0.5 x 2cm, red. Local name pimenta malagueta.
Wild. Seed.

441645. 164. Brazil. Viosa, Minas Gerais. Banco de Germplasma de
Hortalicas. BGH 1041. Collected March 29, 1967. Vicosa,
Minas Gerais. Fruits small, 0.5 x 1.5cm, red. Local name
pimenta malagueta. Wild. Seed.

441646. 186. Brazil. Viosa, Minas Gerais. Banco de Germplasma de
Hortalicas. BGH 1649. Collected June 1967. Vicosa,
Minas Gerais. Fruits small, 0.5 x 2cm, red, very pungent. Local
name malagueta. Wild. Seed.

441647. 194. Brazil. Viosa, Minas Gerais. Banco de Germplasma de
Hortalicas. BGH 1670. Collected July 1967. Campo Grande,
Local name malagueta. Cultivated. Seed.

441648. 220. Banco de Germplasma de Hortalicas. EGH 1732.
Seed.


441654 TO 441656. Capsicum praetermissum Heiser & Smith (Solanaceae). From Brazil. Collected by H.T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441657 TO 441720. Capsicum sp. (Solanaceae). From Brazil. Collected by H.T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441666. 120. Banco de Germplasma de Hortalicas. EGH 177. Collected September 27, 1966. Vitoria de Santo Antao, Pernambuco. Obtained from State Experiment Station. Fruits pointed, 3 x 10cm, yellow when immature, red at maturity. Local name pimenta de cheiro. Cultivated. Seed.

441667. 121. Banco de Germplasma de Hortalicas. EGH 178.
Collected September 27, 1966. Vitoria de Santo Antao, Pernambuco. Obtained from State Experiment Station. Plant small. Fruits 3 x 6 cm, red. Local name pimenta 'green jalopeno'. Cultivated. Seed.


441677. 162. Brazil. Vicosa, Minas Gerais. Banco de Germplasma


441690. 191. Brazil. Vicosa, Minas Gerais. Banco de Germplasma
441657 TO 441720-continued

de Hortalicas. BGH 1664. Collected June 1967. Fortaleza, Ceara. Fruits 0.5 x 1.7cm, red. Local name pimenta malaqueta. Wild. Seed.


Baixa Guandu, Espirito Santo. Fruits round, slightly flattened, 5-6cm, red. Local name pimenta. Cultivated. Seed.


Piracicaba, Sao Paulo. Obtained from Genetics Institute. Fruits 1.5 x 8cm, red. Local name pimenta. Seed.


Rondoropolis, Mato Grosso. Local name pimenta de mesa. Seed.


Tocantinopolis, Goias. Local name pimenta. Seed.


Plants shrubby, to 0.9 m tall. Flowers greenish. Anthers purple. Fruits turban-shaped, 4 x 4 cm, mildly pungent. Local name pimentao. Cultivated. Seed.


Cassia sp. (Fabaceae).

From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


Citrullus lanatus (Thunb.) Matsum. & Nakai (Cucurbitaceae) Watermelon.

From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.

441723 TO 441726. Cucurbita sp. (Cucurbitaceae).

From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441728. Hibiscus sp. (Malvaceae).

From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.

441730 TO 441742. Lycopersicon esculentum Mill. (Solanaceae) Tomato.

From Brazil. Collected by H. E. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441743. Herremia sp. (Convolvulaceae). From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441744. Hucuna sp. (Fabaceae). From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441745. Nicotiana sp. (Solanaceae). From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441746 TO 441825. Phaseolus lunatus L. (Fabaceae) Lima bean. From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441785. 86. Collected August 05, 1978. Farm garden, Arraias,


441798. 500. Collected August 06, 1978. Rural property,


441746 TO 441825—continued
stripes. Local name feijoa guarani. Cultivated. Seed.


441826 TO 441835. Phaseolus vulgaris L. (Fabaceae) Garden bean.

From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441836 TO 441837. Rubus sp. (Rosaceae).

From Brazil. Collected by H. T. Erickson, Department of
441836 TO 441837-continued

Horticulture, Purdue University, West Lafayette, Indiana.
Received October 1978.


441838 TO 441912. Solanum gilo Raddi (Solanaceae) Gilo.

From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.


441845. 427. Banco de Germplasma de Hortalicas. BGH 223.  
Collected October 01, 1966. Market, Alagoinha, Bahia.  
Fruits large, round, dark green when immature. Local name jilo. Cultivated. Seed.


441848. 430. Banco de Germplasma de Hortalicas. BGH 329.  


441850. 432. Banco de Germplasma de Hortalicas. BGH 387.  


elongated, 3 x 8cm, light green when immature. Local name
jilo. Cultivated. Seed.

441858. 440. Banco de Germplasma de Hortalicas. BGH 529.
Fruits round, dark green shoulder stripes on light fruit.
Local name jilo. Cultivated. Seed.

441859. 441. Banco de Germplasma de Hortalicas. BGH 555.
Collected November 26, 1966. Unai, Minas Gerais. Fruits
round, 5cm, dark green. Local name jilo. Cultivated. Seed.

441860. 442. Banco de Germplasma de Hortalicas. BGH 556.
Collected November 26, 1966. Unai, Minas Gerais. Fruits
oval. Local name jilo. Cultivated. Seed.

441861. 443. Banco de Germplasma de Hortalicas. BGH 557.
Collected November 26, 1966. Unai, Minas Gerais. Fruits

441862. 444. Banco de Germplasma de Hortalicas. BGH 587.
Common in markets. Fruits white when immature, red when
ripe. Local name jilo. Cultivated. Seed.

Collected 1966. Divinesia, Minas Gerais. Fruits very
small, round. Local name jilo. Cultivated. Seed.

441864. 446. Banco de Germplasma de Hortalicas. BGH 600.
Collected December 13, 1966. Tocantins, Minas Gerais.
Fruits round, somewhat flattened, 4cm. Local name jilo.
Cultivated. Seed.

441865. 447. Banco de Germplasma de Hortalicas. BGH 601.
Collected December 13, 1966. Tocantins, Minas Gerais.
Fruit medium-sized, round. Local name jilo. Cultivated.
Seed.

441866. 448. Banco de Germplasma de Hortalicas. BGH 602.
Fruits ovoid, 8cm long, light green. Local name jilo.
Cultivated. Seed.

441867. 449. Banco de Germplasma de Hortalicas. BGH 610.
Collected December 14, 1966. Market, Barbacena, Minas
Gerais. Fruits round to oval, white when immature. Local
name jilo. Cultivated. Seed.

441868. 450. Banco de Germplasma de Hortalicas. BGH 614.


441880. 464. Brazil. Vicosa, Minas Gerais. Banco de Germplasma
441838 TO 441912—continued
de Hortalicas. BGH 4997. Collected 1978. Barra de Sao
Francisco, Espirito Santo. Local name jilo. Cultivated.
Seed.

441881. 465. Brazil. Vicosoa, Minas Gerais. Banco de Germplasma
de Hortalicas. BGH 4998. Collected 1978. Barra de Sao
Francisco, Espirito Santo. Local name jilo. Cultivated.
Seed.

441882. 466. Brazil. Vicosoa, Minas Gerais. Banco de Germplasma
de Hortalicas. BGH 4999. Collected 1978. Barra de Sao
Francisco, Espirito Santo. Local name jilo. Cultivated.
Seed.

441883. 467. Brazil. Vicosoa, Minas Gerais. Banco de Germplasma
de Hortalicas. BGH 5000. Collected 1978. Barra de Sao
Francisco, Espirito Santo. Local name jilo. Cultivated.
Seed.

441884. 468. Brazil. Vicosoa, Minas Gerais. Banco de Germplasma
de Hortalicas. BGH 5001. Collected 1978. Cedrolandia,

441885. 469. Banco de Germplasma de Hortalicas. BGH 4163.
Cultivated. Seed.

441886. 470. Banco de Germplasma de Hortalicas. BGH 4962.
Collected 1978. Petropolis, Rio de Janeiro. Local name
jilo. Cultivated. Seed.

441887. 471. Banco de Germplasma de Hortalicas. BGH 4963.
Cultivated. Seed.

441888. 472. Banco de Germplasma de Hortalicas. BGH 4964.
Collected 1978. Terezopolis, Rio de Janeiro. Local name
jilo. Cultivated. Seed.

441889. 473. Banco de Germplasma de Hortalicas. BGH 4965.
Collected 1978. Terezopolis, Rio de Janeiro. Local name
jilo. Cultivated. Seed.

441890. 474. Banco de Germplasma de Hortalicas. BGH 4966.
Cultivated. Seed.

441891. 475. Banco de Germplasma de Hortalicas. BGH 4967.
Cultivated. Seed.

441892. 476. Banco de Germplasma de Hortalicas. BGH 4968.
Collected 1978. Terezopolis, Rio de Janeiro. Local name
441838 TO 441912-continued

jilo. Cultivated. Seed.

441893. 477. Banco de Germplasma de Hortalicas. BGH 4969.

441894. 478. Banco de Germplasma de Hortalicas. BGH 4970.

441895. 479. Banco de Germplasma de Hortalicas. BGH 4972.

441896. 480. Banco de Germplasma de Hortalicas. BGH 4973.

441897. 481. Banco de Germplasma de Hortalicas. BGH 4974.

441898. 482. Banco de Germplasma de Hortalicas. BGH 4975.

441899. 483. Banco de Germplasma de Hortalicas. BGH 4979.

441900. 484. Banco de Germplasma de Hortalicas. BGH 4989.

441901. 485. Banco de Germplasma de Hortalicas. BGH 4990.

441902. 486. Banco de Germplasma de Hortalicas. BGH 5002.

441903. 487. Banco de Germplasma de Hortalicas. BGH 5003.

441904. 488. Banco de Germplasma de Hortalicas. BGH 5004.

441905. 489. Banco de Germplasma de Hortalicas. BGH 5005.
441906. 490. Banco de Germplasma de Hortalicas. BGH 5006.
Cultivated. Seed.

441907. 491. Banco de Germplasma de Hortalicas. BGH 5007.
Cultivated. Seed.

441908. 492. Banco de Germplasma de Hortalicas. BGH 5008.
Cultivated. Seed.

441909. 493. Banco de Germplasma de Hortalicas. BGH 5009.
Cultivated. Seed.

441910. 494. Banco de Germplasma de Hortalicas. BGH 6001.
Collected 1978. Vicosa, Minas Gerais. Local name jilo.
Cultivated. Seed.

441911. 495. Banco de Germplasma de Hortalicas. BGH 6002.
Collected 1978. Vicosa, Minas Gerais. Local name jilo.
Cultivated. Seed.


441913 to 441915. Solanum sp. (Solanaceae).

From Brazil. Collected by H. T. Erickson, Department of Horticulture, Purdue University, West Lafayette, Indiana. Received October 1978.

Plants to 15m or more. Fruits resemble potato berries but slightly pubescent green. Tree. Wild. Seed.

441914. 454. Banco de Germplasma de Hortalicas. BGH 629.

441915. 455. Banco de Germplasma de Hortalicas. BGH 841.

441916. Turnera sp. (Turneraceae).

From Brazil. Collected by H. T. Erickson, Department of
441916-continued
Horticulture, Purdue University, West Lafayette, Indiana.
Received October 1978.

543. Collected August 15, 1978. Disturbed soils,
Altamira, Para. Plants semi-woody, 1.8cm tall. Flowers
yellow, 7cm diam., borne abundantly. Perennial herb. Wild,
Seed.

441917 TO 441925. Vigna unguiculata (L.) Walp. subsp. unguiculata
(Fabaceae) Southern pea.

From Brazil. Collected by H. T. Erickson, Department of
Horticulture, Purdue University, West Lafayette, Indiana.
Received October 1978.

brown, gray-flecked. Local name Feijao de Corda.

round, off-white to buff-color. Local name Feijao de
Corda.

brown. Local name feijao de corda. Cultivated. Seed.

Sample highly mixed. Local name feijao de corda.
Cultivated. Seed.

Seeds small, round, variable color. Local name feijoa or
chumbinko. Cultivated. Seed.

Seeds brown and gray. Local name feijoa de corda.
Cultivated. Seed.

Seeds small, brown and gray. Local name feijoa cotodor.
Cultivated. Seed.

Seeds small, pinkish-tan to buff-color. Local name feijoa
cotodor. Cultivated. Seed.

Seeds cream-colored, darker eye, common in market.
Cultivated. Seed.

441926 TO 441928. Coffea arabica L. (Rubiaceae) Coffee.

From Costa Rica. Donated by Centro Agronomico Tropical de
Investigacion y Ensenanza (CATIE), Turrialba.
Received March 1980.


441929 TO 441932. Zea diploperennis Iltis, Doebley & Guzman (Poaceae).

From Mexico. Collected by R. Guzman, Department of Botany, University of Wisconsin, Madison, Wisconsin.
Received March 1980.

441929. 777. Collected December 15, 1977. South 20km of El Chante, 7km ENE of El Durazno, Jalisco. 2300m. Lat. 19 deg. 31' 45" N, Long. 104 deg. 13' W. Agricultural land, sometimes on edge of small maize fields. Plants to 2.5m tall. Stems 1 to 10 from each root system. Rhizomes, 3 to 15cm growth each year, short, thick tuberous offshoots 1 x 3cm, one to several from base of culms. F 1 hybrids with maize occur. Diploid number 20. Perennial herb. Wild. Seed.

441930. 1190. Collected January 04, 1979. South 0.3km of Manantlan, 11km S of El Chante, Jalisco. 1450m. Lat. 19 deg. 35' 40" N, Long. 104 deg. 12' 30" W. Co-colllectors L. Guzman M. and M. Nee. Weedy, abandoned corn and sorghum field. Plants 3-4m tall, often in hugh clumps over 0.3m diam. Stems often 30 or more. Rhizomes many, 1-3cm long. Peduncles of cobs 1 to 60cm long. Seeds reportedly collected for sale as forage plants. Local name Maicillo. Perennial herb. Wild. Seed.

441931. 1375. Collected January 06, 1979. Las Joyas, 7.8km W by WSW of Rincon de Mananathan, Jalisco. 1900m. Lat. 19 deg. 35' 50" N, Long. 104 deg. 17' W. Co-colllectors R. Guzman M. and M. Nee. Thickets along stream or past and present maize fields. Plants 1.5-2.5m tall, in dense, many stemmed (30-100) colonies. Perennial herb. Wild. Seed.

441933. Zea luxurians (Durieu & Asch.) Bird (Poaceae).

From Guatemala. Collected by H. H. Iltis, Department of Botany, University of Wisconsin, Madison, Wisconsin. Received March 1980.

G-5. Collected December 1975. Maize fields and adjoining areas, 1.2km N of El Progresso, Jalapa, Ver. 1040-1060m. Plants of variable appearance, unbranched, very slender, to 2.5m tall in shade, 3-7 lateral tcp branches if shaded during growth, or 7-9 branches from base if shade-free, to 1.2m tall. Rhizomes absent. No evidence of hybridization. Received as Z. mays subsp. luxurians. Annual. Wild. Seed.

441934. Zea mays subsp. parviglumis var. huehuetenangensis Iltis & Doebley (Poaceae) Teosinte.

From Guatemala. Collected by H. H. Iltis, Department of Botany, University of Wisconsin, Madison, Wisconsin. Received March 1980.


441935. Lycopersicon esculentum Mill. (Solanaceae) Tomato.


441936 TO 441943. Hedicago aculeata Willd, (Fabaceae).

From Syria. Donated by The International Center for Agricultural Research in the Dry Areas (ICARDA), Aleppo. Received March 1980.


441937. ICARDA 1463. Annual. Seed.

441936 TO 441943—continued

441940. ICARDA 1480. Annual. Seed.
441941. ICARDA 1488. Annual. Seed.
441943. ICARDA 1531. Annual. Seed.

441944 TO 441968. Medicago rigidula (L.) All. (Fabaceae) Tifton burclover.

From Syria. Donated by The International Center for Agricultural Research in the Dry Areas (ICARDA), Aleppo. Received March 1980.

441955. ICARDA 792. Annual. Seed.
441956. ICARDA 913. Annual. Seed.
441957. ICARDA 914. Annual. Seed.
441958. ICARDA 918. Annual. Seed.
441959. ICARDA 923. Annual. Seed.
441960. ICARDA 928. Annual. Seed.
441944 TO 441968—continued

441965. ICARDA 1000. Annual. Seed.
441966. ICARDA 1010. Annual. Seed.

441969 TO 441970. Allium cepa L. (Amaryllidaceae) onion.

From Peru. Collected by H.M. Munger, Department of Plant Breeding and Biometry, Cornell University, Ithaca, New York. Received April 1979.


441971. Pisum sativum L. (Fabaceae) garden pea.

From Peru. Collected by H.M. Munger, Department of Plant Breeding and Biometry, Cornell University, Ithaca, New York. Received April 1979.


441972 TO 441973. Pisum sativum L. (Fabaceae) garden pea.

From Ecuador. Donated by H.M. Munger, Department of Plant Breeding and Biometry, Cornell University, Ithaca, New York. Received through L. Gamble, U.S. Peace Corps. Received April 1979.

441972. Collected March 1979. Vicinity of Mira. Plants tall,
441972 TO 441973-continued
late maturity, harvested green or dry. Local name Arveja.
Cultivated. Seed

tall, late maturity, harvested green or dry. Local name

441974. Asparagus crispus Lam. (Liliaceae) Drooping asparagus.
From Italy. Donated by E. Sgaravatti, Food and Agriculture
Organization of the United Nations, 00100-Rome.
Received March 1980.

Cultivated. Seed.

441975. Asparagus asparagoides (L.) W. F. Wight (Liliaceae) Smilax
asparagus.
From Italy. Donated by E. Sgaravatti, Food and Agriculture
Organization of the United Nations, 00100-Rome.
Received March 1980.

53.096. Italy. Palermo. Giardino Botanico e Coloniale.
Cultivated. Seed.

From Italy. Donated by E. Sgaravatti, Food and Agriculture
Organization of the United Nations, 00100-Rome.
Received March 1980.

Cultivated. Seed.

441977. Asparagus densiflorus (Kunth) Jessop (Liliaceae) Sprenger
asparagus.
From Italy. Donated by E. Sgaravatti, Food and Agriculture
Organization of the United Nations, 00100-Rome.
Received March 1980.

Cultivated. Seed.

441978. Asparagus virgatus Baker (Liliaceae).
From Italy. Donated by E. Sgaravatti, Food and Agriculture
441978-continued
Organization of the United Nations, 00100-Rome.
Received March 1980.

Cultivated. Seed.

441979 TO 441980. Gossypium arboreum L. (Malvaceae) Ceylon cotton.
From China, Peoples Repub of. Donated by Institute of Genetics,
Academia Sinica, Beijing.
Received April 1980.


From China, Peoples Repub of. Donated by Institute of Genetics,
Academia Sinica, Beijing.
Received April 1980.


From Argentina. Donated by Ing. Nestor Luciani, Cia. Continental
S.A., 3100-Parana.
Received April 1980.


441986. Echinochloa turnerana (Domin) J. M. Black (Poaceae).
From Australia. Donated by Queensland Department of Primary
Industries, Brisbane, Queensland. Received through CSIRO,
Division of Plant Industry, Canberra City.
Received October 1979.

26 deg. S, Long. 145 deg. 20' E. Excellent source of
fodder in this area. Local name Channel Millet. Wild.
Seed.
441987 TO 441988. Cucumis melo L. (Cucurbitaceae) Muskmelon.

From Colombia. Donated by Southern Regional Plant Introduction Station, USDA, Experiment, Georgia.
Received April 1980.


441989 TO 441990. Cucumis africanus L. (Cucurbitaceae).

From Netherlands. Donated by T.P.M. den Nijs, Institute for Horticultural Plant Breeding, Wageningen. Code numbers refer to Institute and Seed Catalog (CSK) designations.
Received September 1978.


From Netherlands. Donated by T.P.M. den Nijs, Institute for Horticultural Plant Breeding, Wageningen. Code numbers refer to Institute and Seed Catalog (CSK) designations.
Received September 1978.


441992. Cucumis callosus (Rottl.) Cogn. (Cucurbitaceae).

From Netherlands. Donated by T.P.M. den Nijs, Institute for Horticultural Plant Breeding, Wageningen. Code numbers refer to Institute and Seed Catalog (CSK) designations.
Received September 1978.


441993. Cucumis dipsaceus Ehrenb. ex Spach (Cucurbitaceae) Teasel gourd.

From Netherlands. Donated by T.P.M. den Nijs, Institute for Horticultural Plant Breeding, Wageningen. Code numbers refer to Institute and Seed Catalog (CSK) designations.
441993-continued
Received September 1978.


441994. Cucumis melo var. agrestis Naudin (Cucurbitaceae).

From Netherlands. Donated by T.P.M. den Nijs, Institute for
Horticultural Plant Breeding, Wageningen. Code numbers refer to
Institute and Seed Catalog (C&K) designations.
Received September 1978.


441995. Cucumis metuliferus E. Mey ex Naudin (Cucurbitaceae).

From Netherlands. Donated by T.P.M. den Nijs, Institute for
Horticultural Plant Breeding, Wageningen. Code numbers refer to
Institute and Seed Catalog (C&K) designations.
Received September 1978.


441996 TO 441999. Cucumis myriocarpus Naud. (Cucurbitaceae).

From Netherlands. Donated by T.P.M. den Nijs, Institute for
Horticultural Plant Breeding, Wageningen. Code numbers refer to
Institute and Seed Catalog (C&K) designations.
Received September 1978.

Seed.
Cultivated. Seed.

442000. Vigna angularis (Willd.) Ohwi & Ohashi (Fabaceae) Adzuki bean.

From Japan. Donated by Tadao Ui, Department of Plant Pathology,
Hokkaido University, Sapporo 060.
Received April 1980.

'Kotobuki'. Cultivated. Cultivar. Seed.
442001. Vicia faba L. (Fabaceae) Broadbean.

From Spain. Donated by Departamento de Cereales y Leguminosas, INIA, C.R.D.A.-6, Madrid.
Received April 1980.


442002. Vicia faba L. (Fabaceae) Broadbean.

From Spain. Donated by H. T. Moreno, Instituto Nacional de Investigaciones Agrarias, Cordoba.
Received April 1980.

Produced in Cordoba area. Cultivated. Seed.

442003 TO 442004. Glycine max (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Donated by Institute of Crop Breeding and Cultivation, Chinese Academy of Agricultural Science, Beijing. Received through G. Liang, Dept. of Agronomy, Kansas State University, Manhattan, Kansas.
Received March 1980.


442005 TO 442021. Glycine max (L.) Merr. (Fabaceae) Soybean.

From Korea, Republic of. Donated by Applied Genetics Laboratory, Korea Atomic Energy Research Institute, Seoul. Received through R. Loiselle, Plant Gene Resources of Canada, Ottawa.
Received March 1980.


442005 TO 442021-continued


442022 TO 442045. Glycine max (L.) Merr. (Fabaceae) Soybean.

From Poland. Donated by Plant Breeding and Acclimatization Institute, Radzikow/Warszawy. Received March 1980.


442022 TO 442045—continued


442046. Acorus sp. (Araceae).

From United States. Donated by Richard A. Simon, Bluemont
Nurseries, Inc, Monkton, MD 21111.
Received February 1980.

Received as Acorus graminifolia variegata. Cultivated.
Plants.

442047. Calamagrostis arundinacea var. brachytrica (Steud.) Hack.
(Poaceae).

From United States. Donated by Richard A. Simon, Bluemont
442047-continued
Nurseries, Inc, Monkton, MD 21111.
Received February 1980.

Cultivated. Plants.

442048. Calamagrostis epigeios (L.) Roth (Poaceae).

From United States. Donated by Richard A. Simon, Bluemont Nurseries, Inc, Monkton, MD 21111.
Received February 1980.

Received as subsp. hortorum. Cultivated. Plants.

442049. Miscanthis nepalensis (Trin.) Hack. (Poaceae).

From United States. Donated by Richard A. Simon, Bluemont Nurseries, Inc, Monkton, MD 21111.
Received February 1980.

Cultivated. Plants.


From United States. Donated by Richard A. Simon, Bluemont Nurseries, Inc, Monkton, MD 21111.
Received February 1980.


442051. Spartina pectinata Link (Poaceae).

From United States. Donated by Richard A. Simon, Bluemont Nurseries, Inc, Monkton, MD 21111.
Received February 1980.

Received as synonym S. michauxiana. Cultivated. Plants.

442052 TO 442053. Helianthus annuus L. (Asteraceae) Sunflower.

From Hungary. Donated by Research Centre for Agrobotany, N.I.A.V.T., Tapioszele. Received through Food and Agriculture Organization of the United Nations (FAO), Rome, Italy.
Received May 1980.


From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received December 1979.


442062 TO 442064. *Triticum compactum* Host (Poaceae) Club wheat.

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received December 1979.


442065 TO 442068. *X Agrotriticum Ciferri & Giacom.* (Poaceae).

From South Africa. Donated by R. De V. Pienaar, Department of Genetics, Faculty of Agricultural Sciences, University of Stellenbosch, Stellenbosch.
Received April 1980.

442065 TO 442068-continued


442069. Beta vulgaris L. (Chenopodiaceae) Swiss chard.

From Spain. Donated by T.T. Stessin, Miami Beach, Florida. Received October 1978.


442070 TO 442075. Astragalus sinicus L. (Fabaceae).

From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.


From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations.
442076 TO 442083-continued
Received April 1978.


442084 TO 442100. Cenchrus ciliaris L. (Poaceae) Buffelgrass.

From Japan. Donated by K. Kumagai, Seed Storage Laboratory,
Division of Genetics, National Institute of Agricultural
Sciences, Hiratsuka, Kanagawa 254. Received through
United States-Japan National Resources Project on
forage crop germplasm. Code numbers refer to crop
code and name designations.
Received April 1978.


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442094 TO 442100—continued


From Japan. Donated by K. Kunagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.


442102 TO 442103. Dactylis glomerata L. (Poaceae) Orchardgrass.

From Japan. Donated by K. Kunagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.


442104 TO 442107. Eragrostis curvula (Schrad.) Nees (Poaceae) Weeping lovegrass.

From Japan. Donated by K. Kunagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.

442104 TO 442107—continued

90. Cultivated. Seed.


442108. Eragrostis curvula (Schrad.) Nees (Poaceae) Weeping lovegrass.

From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.


From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.


442114 TO 442115. Eragrostis tef (Zucc.) Trotter (Poaceae) Teff.

From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.


442116 TO 442120. Festuca arundinacea Schreb. (Poaceae) Tall fescue.

From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.


442121. Lolium subulatum Vis. (Poaceae).

From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.


442122. Oryzopsis miliacea (L.) Benth. & Hook. f. ex Asch. &
442122-continued

Schweinf. (Poaceae) Smilagrass.

From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations.
Received April 1978.


From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations.
Received April 1978.


From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations.
Received April 1978.


442125. Panicum dichotomiflorum Michx. (Poaceae) Fall panicgrass.

From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations.
Received April 1978.

113112-070001. Cultivated. Seed.


From Japan. Donated by K. Kumagai, Seed Storage Laboratory,
Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.


442128 TO 442130. Panicum maximum var. trichoglume Eyles (Poaceae) Green panicgrass.

From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.


442131. Panicum prolutum F. Muell. (Poaceae).

From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.


442132. Brachiaria ramosa (L.) Stapf (Poaceae).

From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations. Received April 1978.

442133. Phalaris minor Retz. (Poaceae).

From Japan. Donated by K. Kumagai, Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Hiratsuka, Kanagawa 254. Received through United States-Japan National Resources Project on forage crop germplasm. Code numbers refer to crop code and name designations.

Received April 1978.


442134 TO 442135. Oryza sativa L. (Poaceae) Rice.

From Egypt. Donated by M. S. Bala, Field Crops Research Institute, Agricultural Research Center, Giza. Received April 1980.


From Australia. Donated by Division of Plant Industry, N.S.W. Department of Agriculture, Sydney, New South Wales. Received April 1980.


442137 TO 442145. Oryza sativa L. (Poaceae) Rice.

From Italy. Donated by Ente Nazionale Risi, Centro Di Ricerche Sul Riso, Mortara. Received April 1980.


442146 TO 442147. Oryza sativa L. (Poaceae) Rice.

From Thailand. Donated by Rice Division, Department of Agriculture and Cooperatives, Bangkhen, Bangkok. Received April 1980.


442148 TO 442150. Arachis hypogaea L. (Fabaceae) Peanut.

From Israel. Donated by A. Ashri, The Levi Eshkol School of Agriculture, The Hebrew University of Jerusalem, Be'erovot. Received April 1979.


442151. Antigonon sp. (Polygonaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442152 TO 442155. Apodanthera undulata Gray (Cucurbitaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.

419


442158. Arbutus unedo L. (Ericaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.
442158-continued


442159. Aster sp. (Asteraceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.
Received November 1979.


442160 to 442167. Bidens sp. (Asteraceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.
Received November 1979.


442160 TO 442167-continued

yellow, 1.5cm diam., occur singly. Seeds thick, wedge-shaped. Wild. Seed.


442168. Brunfelsia sp. (Solanaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442169 TO 442172. Catharanthus roseus (L.) G. Don (Apocynaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442169 TO 442172—continued


442173. Celtis sp. (Ulmaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442174. Cosmos sp. (Asteraceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442175. Crataegus mexicana Hoc. S Sesse (Rosaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


From Mexico. Collected by R.J. Knight and T.W. Whitaker,
442176-continued
Subtropical Horticulture Research Unit & Imperial Valley
Conservation Research Center, USDA, Miami, Florida and
Brawley, California.
Received November 1979.

 tuberculate spines, 4cm long, 2.5cm diam. Placenta solid.
Peduncle long, 6cm. Wild. Seed.


From Mexico. Collected by R.J. Knight and T.H. Whitaker,
Subtropical Horticulture Research Unit & Imperial Valley
Conservation Research Center, USDA, Miami, Florida and
Brawley, California.
Received November 1979.

K792-275. Collected November 17, 1979. Market,
Tapachula, Chiapas. Reportedly grown near Tuxtla Chico.
Fruits smooth, deep orange, elongate-round, 17.6cm long,
15.8cm diam. Flesh firm, melon-colored, strong aroma and
flavor, not very sweet. Local name Melon criollo.
Cultivated. Seed.

442178 TO 442179. Cucumis melo var. dudaim (L.) Naud. (Cucurbitaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker,
Subtropical Horticulture Research Unit & Imperial Valley
Conservation Research Center, USDA, Miami, Florida and
Brawley, California.
Received November 1979.

of Ocampo, Tamaulipas State. Vine, weedy, small. Fruits
nearly round, deep yellow with faded green stripes,
flavor bland, not bitter, 3.8cm long, 3.2cm diam. Local
name Calabezita silvestre. Possible source of powdery
mildew resistance. Wild. Seed.

coast, Mazatlan, Sinaloa. Vine, weedy, small. Fruits
green with darker green stripes, golden yellow at
maturity, round-ovate, 4cm long, 3.5cm diam. Peduncle
abscissed at maturity. Local name Calabacilla silvestre.
Wild. Seed.

442180 TO 442190. Cucurbita ficifolia Bouche (Cucurbitaceae) Figleaf
From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442180 TO 442190—continued


442191 TO 442203. Cucurbita foetidissima H.B.K. (Cucurbitaceae) Buffalo gourd.

From Mexico. Collected by B.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442193. K792-203. Collected October 22, 1979. Carratera 57, near Soledad Diez Gutierrez, 2.5km W of traffic circle. Fruits round, hard-shelled, dark green with light green stripes, light green at maturity, 6cm long, 6cm diam. Local name Calabacilla silvestre. Wild. Seed.

442194. K792-204. Collected October 22, 1979. Carratera 57, near Soledad Diez Gutierrez, 2.5km W of traffic circle. Fruits round, light yellow with yellowish-white stripes at maturity, small, 4.6 cm long, 4.6cm diam. Local name Calabacilla silvestre. Wild. Seed.


442191 TO 442203—continued

38 km S of Carreteras 57 & 80 jct, Km 79, San Luis Potosi. Fruits white, green stripes, fading to yellow, round, 6 cm long, 6 cm diam. Local name Calabacilla silvestre. Wild. Seed.


442204 TO 442205. Cucurbita martinezii L. H. Bailey (Cucurbitaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker,
442204 to 442205—continued
Subtropical Horticulture Research Unit & Imperial Valley
Conservation Research Center, USDA, Miami, Florida and
Brawley, California.
Received November 1979.

442204. K792-175. Collected October 31, 1979. Villa Union,
Veracruz, near Fortin de las Flores. Vines. Leaves
slightly lobed, palmate. Fruits green, to almost white at
maturity, 8cm long, 7.5cm diam. Seeds obovate, base
acute, long, gray, to 1.2cm. Local name Calatacilla
silvestre. Wild. Seed.

km east of Corral Pailso, 2km east of Miradoro. 725m.
Leaves unlobed, no mildew or virus infection. Fruits
green with white spots fading to light green, round, 10cm
long, 10.1cm diam. Seeds ovate, base acute, gray, to
1.2cm. Wild. Seed.

442206 to 442246. Cucurbita mixta Pang. (Cucurbitaceae).
From Mexico. Collected by R.J. Knight and T.W. Whitaker,
Subtropical Horticulture Research Unit & Imperial Valley
Conservation Research Center, USDA, Miami, Florida and
Brawley, California.
Received November 1979.

Central market. Vines. Seeds mostly silver-seeded gourd
type. C. pepo seeds perhaps present. Cultivated. Seed.

Potosi. Local name Calabaza. Cultivated. Seed.

442208. K792-016. Collected October 18, 1979. Santa Anita,
Municipio de Valles, San Luis Potosi. Local name Calabasa
pequena rayada. Cultivated. Seed.

Valles, San Luis Potosi. Local name Calabasa grande.
Cultivated. Seed.

442210. K792-019. Collected October 18, 1979. Rivera Farm,
Saucito, Municipio Valles, San Luis Potosi. Local name

Zapata, Municipio de Mante, Tamaulipas. Fruits green-
striped, yellow at maturity, semi-pear shape, 16.5cm
long, 14cm diam. Seeds similar to silver-seeded gourd.
Local name Calabaza. Cultivated. Seed.
442206 TO 442246-continued


Fruits white, green-mottled, flattened, 15cm long, 20cm diam. Local name Calabazo. Cultivated. Seed.


**K792-053.** Collected October 18, 1979. J. Castro


442247 TO 442289. Cucurbita moschata (Duch.) Duch. ex Poir. (Cucurbitaceae) Squash.

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


large irregular shape. Local name Calabaza de Castilla. Cultivated. Seed.


442290. Cucurbita pedatifolia Bailey (Cucurbitaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.

flattened, 6 cm long, 8 cm diam. Local name Calabacilla silvestre. Cultivated. Seed.

**442291 TO 442340. Cucurbita pepo L. (Cucurbitaceae) Pumpkin.**

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442298. K792-078. Collected October 23, 1979. San Bartolo de Berria, Guanajuato State. Fruits solid white, round-
flattened, 16 cm long, 20 cm diam. Flesh lemon yellow. Center hollow, triangular. Seeds frequently sterile or germinating prematurely. Local name Calabaza de India. Cultivated. Seed.


Gutierrez, 2.5 km north of circle on Carretera 57. Obtained from J. Marti Galarza. Fruits smooth, greenish, dark green stripes, yellow at maturity, round-oblong, 19 cm long, 17 cm diam. Rind 2 mm. Placenta solid. Flesh orange-yellow. Local name Calabaza de India. Cultivated. Seed.


**442313. K792-096. Collected October 25, 1979. Cornfield, Km 5, Carretera Romita, Silao, Guanajuato. Fruits white with green stripes, creamy white at maturity, flattened-round, 13 cm long, 16 cm diam. Local name Calabaza de India. Cultivated. Seed.**

442291 TO 442340-continued
Fruits light green, white spots, short, cylindrical, 17cm long, 16cm diam. Local name Calabaza de India. Cultivated. Seed.


442291 TO 442340—continued


442291 TO 442340—continued


442341 TO 442359. Cucurbita sp. (Cucurbitaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442351. K792-267. Collected November 10, 1979. Km 246.5, Carretera 40, Sinaloa. Fruits green, light green streaked, yellow at maturity, pyriform, 8.4cm long, 6.5cm
442341 TO 442359-continued

diam. Wild. Seed.


442354. K792-286. Collected November 17, 1979. West 17 km of Tapachula, 5.5 km east of Pacific, Mun. Tapachula, Chiapas. Fruits creamy white, green streaked, round, 7.7 cm long, 7.8 cm diam. Local name Calabaza de caballo. Wild. Seed.


442360 TO 442361. Dahlia sp. (Asteraceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and
442360 TO 442361-continued
Brawley, California.
Received November 1979.


442362. Fragaria vesca L. (Rosaceae) European strawberry.

From Mexico. Collected by B.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.
Received November 1979.


442363 TO 442366. Helianthus sp. (Asteraceae).

From Mexico. Collected by B.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.
Received November 1979.


442363 TO 442366—continued

del Rio at Canton del Aquacate, Mun. de Mazatan, Chiapas.  
Area hot, humid.  Flowers deep yellow, about 6.5 cm diam.  
Wild.  Seed.

442367. Jacquemontia sp. (Convolvulaceae).

From Mexico.  Collected by R.J. Knight and T.W. Whitaker,  
Subtropical Horticulture Research Unit & Imperial Valley  
Conservation Research Center, USDA, Miami, Florida and  
Brawley, California.

Received November 1979.

Ciudad Valles and Rio Verde, San Luis Potosi.  Plants  

442368 TO 442369. Lagenaria siceraria (Mol.) Standl. (Cucurbitaceae)  
Bottle gourd.

From Mexico.  Collected by R.J. Knight and T.W. Whitaker,  
Subtropical Horticulture Research Unit & Imperial Valley  
Conservation Research Center, USDA, Miami, Florida and  
Brawley, California.

Received November 1979.

442368. K792-020. Collected October 18, 1979. Rivera Farm,  
Saucito, Municipio de Valles, San Luis Potosi.  Fruits  
hercules club gourd type, 25 cm long, 19 cm diam.  Local  
name Calabaza de agua.  Cultivated.  Seed.

Valle de Santiago, Guanajuato.  Fruits hercules club gourd  
type.  Local name Guaje (white flowered gourd).  Cultivated.  
Seed.

442370. Helothria sp. (Cucurbitaceae).

From Mexico.  Collected by R.J. Knight and T.W. Whitaker,  
Subtropical Horticulture Research Unit & Imperial Valley  
Conservation Research Center, USDA, Miami, Florida and  
Brawley, California.

Received November 1979.

K792-183. Collected November 02, 1979. Curva del Burro,  
Carretera 140, Municipio de Paso de Cveja, Veracruz.  
Vines small.  Stems thin.  Leaves hastate, slightly lobed.  
Fruits light green, mottled, possibly immature, oval, 2 cm  
long, 1.5 cm diam.  Wild.  Seed.
442371 to 442374. Momordica charantia L. (Cucurbitaceae) Balsam pear.

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442375. Phlox sp. (Polemoniaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442376. Polyclathra cucumerina Bertol. (Cucurbitaceae).

From Mexico. Collected by R.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.

K792-291. Collected November 18, 1979. Rancho La Azteca,
Municipio de Motozintla, Chiapas. 700m. Fruits olive-green, small, watermelon-shaped, 6.2 cm long, 4.2 cm diam. Local name Sandito de Baton. Wild. Seed.

442377. Proboscidea fragrans (Lindl.) Decne. (Martyniaceae).

From Mexico. Collected by E.J. Knight and T.W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.
Received November 1979.


442378 TO 442380. Prunus persica (L.) Batsch (Rosaceae) Peach.

From Mexico. Collected by R. J. Knight and T. W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.
Received November 1979.


442381 TO 442382. Psidium guajava L. (Myrtaceae) Guava.

From Mexico. Collected by R. J. Knight and T. W. Whitaker,
442381 TO 442392—continued
Subtropical Horticulture Research Unit & Imperial Valley
Conservation Research Center, USDA, Miami, Florida and
Brawley, California.
Received November 1979.

442381. K792-057. Collected October 21, 1979. San Luis Potosi,
Public market. Fruits firm, bright yellow, pyriform,
5.6 cm long, 4.6 cm diam. Flesh white, light aroma. Local
name Guayaba. Cultivated. Seed.

plantation, Barrio de Nueva Esperanza, Mun. de
Motozintla, Chiapas. 900 m. Fruits green, small, round,
3.6 cm long, 3.8 cm diam. Local name Guayaba. Tree.
Cultivated. Seed.

442383. Sambucus sp. (Caprifoliaceae).

From Mexico. Collected by R. J. Knight and T. W. Whitaker,
Subtropical Horticulture Research Unit & Imperial Valley
Conservation Research Center, USDA, Miami, Florida and
Brawley, California.
Received November 1979.

K792-302. Collected November 18, 1979. Toquian Municipio
de Motozintla, Chiapas. Plant small. Fruits black, small
to 5 mm long. Seeds long, pointed, 3 to 5 per berry.
Adapted to cool conditions. Tree. Wild. Seed.

442384 TO 442393. Sanvitalia procumbens Lam. (Asteraceae).

From Mexico. Collected by R. J. Knight and T. W. Whitaker,
Subtropical Horticulture Research Unit & Imperial Valley
Conservation Research Center, USDA, Miami, Florida and
Brawley, California.
Received November 1979.

Reyes, near Laguna San Vincente, San Luis Potosi. Plants
trailing. Flowers simple, yellow, dark centers, sharp
spines at base of each ray petal, 1.7 cm diam. Local name
Ojo de gato. Wild. Seed.

Vincente, San Luis Potosi. Plants low, trailing. Flowers
numerous, compound, yellow, small. Local name Ojo de gato.
Wild. Seed.

442386. K792-146. Collected October 24, 1979. Guanajuato, km
Flowers yellow, brown centers, small. Local name Ojo de
442384 TO 442393—continued


Valle de Santiago, Guanajuato. Plants low, trailing.
Flowers bright yellow, dark brown centers. Local name Ojo

442388. K792-149. Collected October 23, 1979. Industrial zone,
south of San Luis Potosi, San Luis Potosi State. Plants
low, trailing. Flowers yellow, small, typical. Local name

442389. K792-155. Collected October 18, 1979. Nogales, Hwy. 70,
Municipio Rayon, San Luis Potosi. Plants dwarf, trailing,
to 15 cm tall. Flowers single, light yellow. Drought
tolerant. Wild. Seed.

Gutierrez, Rte. 57, 2.5 km N of traffic circle toward
Saltillo. Plants low, trailing. Flowers simple, yellow.
Local name Ojo de gato. Wild. Seed.

Bridge on roadside, Tuxpan, Michoacan. Plants low,
spreading. Flowers compound, 1 row of 10 to 12 orange ray
flowers, brown centers, 1.25 cm diam. Local name Ojo de
gato. Wild. Seed.

442392. K792-273. Collected November 02, 1979. Roadside,
Rinconada, Municipio de Rinconada, Veracruz. 200m. Plants
low, trailing. Flowers numerous, compound, orange, dark
centers, 1.7 cm diam. Local name Cjo de gato. Wild. Seed.

442393. K792-311. Collected November 09, 1979. Km 134, Fresnillo-
Durango Hwy., Municipio de Sombrerete, Zacatecas. Ery,
sunny site. Plants low, spreading. Flowers numerous,
compound, yellow, brown centers, 2 cm diam. Local name Cjo
de gato. Wild. Seed.

442394. Sicana odorifera (Vell.) Naud. (Cucurbitaceae) Cassabanana.

From Mexico. Collected by R. J. Knight and T. W. Whitaker,
Subtropical Horticulture Research Unit & Imperial Valley
Conservation Research Center, USDA, Miami, Florida and
Brawley, California.
Received November 1979.

K792-212. Collected October 31, 1979. Carretera 150,
Parada de la Concha, Mende Atamian de las Reyes, Veracruz.
Fruits copper colored, sausage-shaped, 29 cm long, 12 cm
diam. Local name Calabazona melona. Wild. Seed.
442395 TO 442396. Sicyos sp. (Cucurbitaceae).

From Mexico. Collected by R. J. Knight and T. W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442397 TO 442415. Tagetes sp. (Asteraceae).

From Mexico. Collected by R. J. Knight and T. W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California. Received November 1979.


442397 TO 442415-continued


442416. Tithonia sp. (Asteraceae).

From Mexico. Collected by B. J. Knight and T. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.
Received November 1979.


442417. Undetermined (Amaryllidaceae).

From Mexico. Collected by B. J. Knight and T. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.
Received November 1979.

442418 TO 442420. Undetermined (Asteraceae).

From Mexico. Collected by R. J. Knight and T. W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.

Received November 1979.


442421 TO 442422. Undetermined (Cucurbitaceae).

From Mexico. Collected by R. J. Knight and T. W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.

Received November 1979.


442422. K792-292. Collected November 16, 1979. Colonia Magisterial, Carretera 200, Tapachula outskirts, Chiapas. South side of road, 0.9 km east of Kamica Hotel. Vine, vigorous, but brittle. Leaves palmate, deeply-lobed, 11 cm long, 10 cm wide. Petioles to 6 cm long. Fruits dark green, light yellow at maturity, smooth, grape-like, 1 cm long, 0.9 cm diam., borne in pairs at nodes. Flesh has cucumber odor, foams readily, used as laundry soap. Seeds, 1 to 3 per fruit, parasitized. Local name Bolita. Wild. Seed.

442423. Undetermined (Malvaceae).

From Mexico. Collected by R. J. Knight and T. W. Whitaker,
**442423-continued**

Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.

Received November 1979.


**442424 TO 442439. Zinnia sp. (Asteraceae).**

From Mexico. Collected by R. J. Knight and T. W. Whitaker, Subtropical Horticulture Research Unit & Imperial Valley Conservation Research Center, USDA, Miami, Florida and Brawley, California.

Received November 1979.


442424 TO 442439—continued

to 45cm tall. Flowers single, compound, deep red-orange, 3cm diam. Annual. Wild. Seed.


442440. Agropyron caninum (L.) Beauv. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antwerpiensis, Antwerpen.
442440-continued  
Received April 1979.

42. Antwerp. Wild. Seed.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.  
Received April 1979.

44. Antwerp. Wild. Seed.

442442. Agropyron repens (L.) Beauv. (Poaceae) Quackgrass.  
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.  
Received April 1979.


442443. Agropyron sibiricum (Willd.) Beauv. (Poaceae) Siberian wheatgrass.  
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.  
Received April 1979.


442444. Agropyron trachycaulum (Link) Malte ex H. F. Lewis (Poaceae) Slender wheatgrass.  
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.  
Received April 1979.


442445. Agropyron trachycaulum (Link) Malte ex H. F. Lewis (Poaceae).  
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.  
Received April 1979.


From Belgium. Donated by *Hortus Botanicus Antverpiensis*, Antwerpen.
Received April 1979.


442447. *Alopecurus utriculatus* Banks & Soland. (Poaceae).

From Belgium. Donated by *Hortus Botanicus Antverpiensis*, Antwerpen.
Received April 1979.


From Belgium. Donated by *Hortus Botanicus Antverpiensis*, Antwerpen.
Received April 1979.


From Belgium. Donated by *Hortus Botanicus Antverpiensis*, Antwerpen.
Received April 1979.


442450. *Briza maxima* L. (Poaceae) Big quaking grass.

From Belgium. Donated by *Hortus Botanicus Antverpiensis*, Antwerpen.
Received April 1979.


From Belgium. Donated by *Hortus Botanicus Antverpiensis*, Antwerpen.
Received April 1979.

74. Antwerp. Received as B. media var. major. Wild. Seed.
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442454. Bromus arduennensis Dum. (Poaceae).
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.
442458. Bromus lanceolatus Roth (Poaceae) Mediterranean brome grass.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442462. Bromus rigidus Roth (Poaceae) Ripgut brome grass.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442464. Bromus sp. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

86. Antwerp. Received as B. pilosus. Wild. Seed.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442468. Calamagrostis epigeios (L.) Roth (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442469. Calamagrostis lanceolata Roth (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442470. Caragana arborescens Lam. (Fabaceae) Siberian pea-tree.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442471. Cercis siliquastrum L. (Fabaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442472. Colutea arborescens L. (Fabaceae) Bladder senna.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442474. Cytisus scoparius (L.) Link (Fabaceae) Scotch broom.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

100. Antwerp. Wild. Seed.
442476. Desmodium canadense (L.) DC. (Fabaceae) Beggarweed.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442477. Digitaria ischaemum (Schreb.) Schreb. ex Muhl. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

153. Antwerp. Received as Panicum glabrum. Wild. Seed.

442478. Dolichos lablab L. (Fabaceae) Hyacinth bean.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442479. Echinaria capitata (L.) Desf. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442483. Elymus condensatus Presl (Poaceae).
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442484. Hordelymus europaeus (L.) Harz (Poaceae).
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442486. Eragrostis minor Host (Poaceae) Little lovegrass.
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442487. Eragrostis pilosa (L.) Beauv. (Poaceae) India lovegrass.
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.
442488. Eragrostis sp. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

152. Antwerp. Received as Panicum esculentum. Wild. Seed.

442489. Vulpia bromoides (L.) S. F. Gray (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442490. Festuca arundinacea Schreb. (Poaceae) Tall fescue.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442491. Festuca gigantea (L.) Vill. (Poaceae) Great fescue.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442492. Vulpia myuros (L.) C. C. Gmel. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442493. Festuca ovina L. (Poaceae) Sheep fescue.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.


442495. Gastridium ventricosum (Gouan) Schinz & Thell. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.


442496. Gaudinia fragilis (L.) Beauv. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.


442497. Genista sagittalis L. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.


442499. Hedysarum coronarium L. (Fabaceae) French honeysuckle.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.

442500. Holcus lanatus L. (Poaceae) Velvetgrass.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442502. Lamarckia aurea (L.) Moench (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442503. Lathyrus aphaca L. (Fabaceae) Yellow pea.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442504. Lathyrus cicera L. (Fabaceae) Flatpod peavine.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442505. Lathyrus hirsutus L. (Fabaceae) Rough peavine.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442506. Lathyrus latifolius L. (Fabaceae) Perennial peavine.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442507. Lathyrus montanus Bernh. (Fabaceae) Peavine.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442508. Lathyrus niger (L.) Bernh. (Fabaceae) Black peavine.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442509. Lathyrus nissolia L. (Fabaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442510. Lathyrus ochrus (L.) DC. (Fabaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442511. Lathyrus palustris L. (Fabaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442512. Lathyrus sylvestris L. (Fabaceae) Flat pea.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.  
Received April 1979.


442513. Lathyrus vernus (L.) Bernh. (Fabaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.  
Received April 1979.


442514. Lotus ornithopodioides L. (Fabaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.  
Received April 1979.


442515. Lupinus perennis L. (Fabaceae) Sun-Dial Lupine.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.  
Received April 1979.


442516. Medicago lupulina L. (Fabaceae) Black medic.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.  
Received April 1979.


442517. Medicago sativa L. (Fabaceae) Alfalfa.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.  
Received April 1979.

442518. Melica ciliata L. (Poaceae).
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442519. Melica nutans L. (Poaceae).
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442521. Melilotus indica (L.) All. (Fabaceae) Sourclover.
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

442522. Melilotus officinalis Lam. (Fabaceae) Yellow sweetclover.
From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.
442524. Molinia caerulea (L.) Moench (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442525. Ononis spinosa L. (Fabaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442526. Ornithopus sativus Brot. (Fabaceae) Serradella.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442529. Panicum capillare L. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442531. Echinochloa colonum (L.) Link (Poaceae) Junglerice.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442532. Echinochloa crusgalli (L.) Beauv. (Poaceae) Barnyardgrass.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442534. Digitaria sanguinalis (L.) Scop. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442535. Panicum virgatum L. (Poaceae) Switchgrass.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


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Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442540. Phaseolus coccineus L. (Fabaceae) Scarlet runner bean.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442541. Phaseolus vulgaris L. (Fabaceae) Garden bean.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


*From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.*


442543. *Poa annua* L. (Poaceae).

*From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.*


*From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.*


*From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.*


*From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.*


*From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen. Received April 1979.*

442548. *Poa violacea* Bell. (Poaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


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Received April 1979.


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Received April 1979.

442554. Sisyrinchium striatum J. E. Smith (Iridaceae).

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442555. Trifolium arvense L. (Fabaceae) Rabbit-foot clover.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442556. Trifolium incarnatum L. (Fabaceae) Crimson clover.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442557. Vicia sativa subsp. nigra (L.) Ehrh. (Fabaceae) Blackpod vetch.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


442559. Vicia faba L. (Fabaceae) Broadbean.

From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.
Received April 1979.


*From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.*
Received April 1979.


*From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.*
Received April 1979.


442562. *Vicia sylvatica* L. (Fabaceae).

*From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.*
Received April 1979.

953. Wild. Seed.


*From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.*
Received April 1979.


*From Belgium. Donated by Hortus Botanicus Antverpiensis, Antwerpen.*
Received April 1979.


442565 to 442572. *Arachis hypogaea* L. (Fabaceae) Peanut.

*From China, Peoples Repub of. Donated by Institute of Agricultural Sciences, Changwei, Shandong.*
Received April 1980.

442565 TO 442572-continued


442573 TO 442574. X Elymoticriticum P. Fourn. (Poaceae).

From Soviet Union. Donated by N. I. Vavilov Institute of Plant Industry, Leningrad.
Received April 1980.


442575 TO 442593. Arachis hypogaea L. (Fabaceae) Peanut.

From Japan. Donated by Y. Takahashi, Laboratory of the Groundnut,
442575 TO 442593—continued
Chibu-ken Agricultural Extension Station, Inba-gun, Chiba-ken.
Received April 1980.

442575. 'Azumayutaka'. Cultivated. Cultivar. Seed.
442577. 'Fuji #2'. Cultivated. Cultivar. Seed.
442578. 'Sachihomare'. Cultivated. Cultivar. Seed.
442579. 'Tachimasari'. Cultivated. Cultivar. Seed.
442580. 'Tekona'. Cultivated. Cultivar. Seed.

442594 TO 442612. Arachis hypogaea L. (Fabaceae) Peanut.
From South Africa. Donated by Department of Agriculture and Fisheries, Potchefstroom, Transvaal.
Received April 1980.

442613 TO 442621. *Oryza sativa* L. (Poaceae) Rice.

From Japan. Donated by Seed Storage Laboratory, Division of Genetics, National Institute of Agricultural Sciences, Tsukuba. Received through Agriculture, Forestry & Fisheries Research Council, Tokyo. Received May 1980.

442613 TO 442621—continued


442622 TO 442628. Agropyron cristatum (L.) Gaertn. (Poaceae) Fairway crested wheatgrass.

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

442622. TR 15330-67. Seed.
442623. TR 22603-67. Seed.
442624. TR 22736-63. Seed.
442626. TR 23155-67. Seed.
442627. TR 26864-68. Seed.
442628. TR 26865-68. Seed.

442629. Agropyron desertorum (Fisch. ex Link) Schult. (Poaceae) Standard crested wheatgrass.

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

TR 22623-67. Seed.

442630 TO 442635. Agropyron elongatum (Host) Beauv. (Poaceae) Tall wheatgrass.

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

442630. TR 4176-66. Seed.
442631. TR 4180-66. Seed.
442632. TR 4181-66. Seed.
442630 TO 442635—continued

442633. TR 4182-66. Seed.
442634. TR 4186-66. Seed.
442635. TR 4225-66. Seed.

442636 TO 442640. Agropyron intermedium (Host) Beauv. (Poaceae)
Intermediate wheatgrass.

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

442636. TR 4195-66. Seed.
442637. TR 4196-66. Seed.
442638. TR 22605-67. Seed.

442641 TO 442643. Agropyron sp. (Poaceae).

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

442641. TR 5206-67. Seed.
442643. TR 22639-67. Seed.


From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

TR 12090-67. Seed.

442645. Medicago intertexta (L.) Mill. (Fabaceae).

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.
442645-continued

TR 5209-66. Seed.

442646 TO 442654. Medicago lupulina L. (Fabaceae) Black medic.

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

442647. TR 15001-67. Seed.
442651. TR 22680-67. Seed.
442654. TR 22961-67. Seed.

442655. Medicago minima (L.) Bartal. (Fabaceae) Little burclover.

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

TR 5218-66. Seed.

442656 TO 442658. Medicago polymorpha L. (Fabaceae) California burclover.

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

442657. TR 12463-67. Seed.
442659 TO 442661. Medicago sativa L. (Fabaceae) Alfalfa.

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

442660. TR 22892-67. Seed.
442661. TR 23178-67. Seed.

442662. Medicago tornata var. shepardii (Post) Heyn (Fabaceae).

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

TR 5242-66. Received as basionym, M. shepardii. Seed.

442663 TO 442665. Medicago sp. (Fabaceae).

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

442663. TR 5265-66. Seed.

442666. Medicago turbinata (L.) All. (Fabaceae) Medic.

From Turkey. Donated by Regional Agricultural Research Institute, Menemen, Izmir.
Received May 1978.

TR 5271-66. Seed.

442667 TO 442673. Solanum leptophyes f. gourlayi (Hawkes) Corr. (Solanaceae).

Received April 1980.


442674 TO 442677. Solanum infundibuliforme Phil. (Solanaceae).


442674 TO 442677-continued


442678 TO 442681. Solanum kurzianum Bitter & Wittm. ex Engl. (Solanaceae).


442682 TO 442685. Solanum oplocense Hawkes (Solanaceae).


442682 TO 442685-continued


442686 TO 442688. Solanum leptophyes Bitter (Solanaceae).

Received April 1980.


442689. Solanum tarijense Hawkes (Solanaceae).

Received April 1980.

442689. Solanum tarijense Hawkes (Solanaceae).

Received April 1980.


442690. Solanum chacoense Bitter (Solanaceae).

Received April 1980.

HHCH 4534. Collected March 03, 1971. Km 192, road from Sucre to Epizana, 40km from Aiguile, Cochabamba, Carrasco. 2600m. Wild. Seed.
**442691 TO 442693.** Solanum sparsipilum Var. llallaguanianum (Card. & Hawkes) Corr. (Solanaceae).


Received April 1980.

442691. HHCH 4580. Collected March 06, 1971. Road to Don Diego, Samasa, 155km from Sucre toward Potosi, Potosi, Frias. 3625m. Wild. Seed.


**442694.** Solanum lesteri Hawkes & Hjerting (Solanaceae).


Received April 1980.

HHL 1714. Collected October 19, 1958. South 25.8km of Miahuatlan on road from Oaxaca to Puerto Angel, Oaxaca. 2300m. Wild. Seed.

**442695 TO 442696.** Solanum canasense Hawkes (Solanaceae).


Received April 1980.


442696. HHCH 5064. Collected April 06, 1971. Path to Juliaca, 6km from Puno, Huerta, Puno Province. 3900m. Wild. Seed.

**442697.** Solanum pampasense Hawkes (Solanaceae).


Received April 1980.

HHCH 5229. Collected April 18, 1971. Ayacucho rd. above
Rio Pampas, 12km below Chincheros, Apurimac, Andahuaylas. 2600m. Wild. Seed.

Solanum amabile Vargas (Solanaceae).

From Peru. Collected by C. M. Ochoa, International Potato Center, La Molina, Lima.
Received April 1980.


Solanum chancayense Ochoa (Solanaceae).

From Peru. Collected by C. M. Ochoa, International Potato Center, La Molina, Lima.
Received April 1980.


Solanum sp. (Solanaceae).

From Peru. Collected by C. M. Ochoa, International Potato Center, La Molina, Lima.
Received April 1980.

Och 7728. Ccorimarca, Apurimac. Received as S. abancayense. Wild. Seed.


Och 5169. Received as S. limbaniense. Wild. Seed.

Solanum weberbaueri Bitter (Solanaceae).

From Peru. Collected by C. M. Ochoa, International Potato Center, La Molina, Lima.
Received April 1980.

Och 5061. Wild. Seed.

Arachis hypogaea L. (Fabaceae) Peanut.

From Zimbabwe. Donated by G. L. Hildebrand, Crop Breeding Institute, Causeway.
Received April 1980.

Jacana'. Selected from PI 262042. Early-maturing.
442704 to 442789—continued


442721. 'Makulu Red'. Zambia. Plants late-maturing, alternately-branched, no inflorescences in main stem leaf axil. Pods


442723. 4/7/6. 183/66 (PI 261911) x Makulu Red. Late-maturing. Cultivated. Seed.

442724. 4/7/9. 183/66 (PI 261911) x Makulu Red. Late-maturing. Cultivated. Seed.

442725. 4a/7/7. 183/66 (PI 261911) x Makulu Red. Late-maturing. Cultivated. Seed.

442726. 4a/7/20. 183/66 (PI 261911) x Makulu Red. Late-maturing. Cultivated. Seed.

442727. 4a/7/24. 183/66 (PI 261911) x Makulu Red. Late-maturing. Cultivated. Seed.


442730. 6/7/1. 162/66 (PI 274191) x 169/66 (PI 274203). Late-maturing. Cultivated. Seed.


442704 to 442789—continued
Cultivated. Seed.


442752. PI/7/34. 183/66 (PI 261911) x 59/66 (PI 262092). Cultivated. Seed.

442753. PI/7/35. 183/66 (PI 261911) x 59/66 (PI 262092). Cultivated. Seed.

442754. 4a/8/2. 163/66 (PI 261911) x Makulu Bed. Cultivated. Seed.

442755. 4a/8/3. 183/66 (PI 261911) x Makulu Bed. Cultivated. Seed.


442757. PI/7/1. 58/66 (PI 261906) x Natal Common. Cultivated. Seed.

442758. 8/7/6. 183/66 (PI 261911) x 169/66 (PI 274203). Cultivated. Seed.


442761. 17/7/6. 154/66/1 (Sel. from PI 274179) x 169/66 (PI 274203). Cultivated. Seed.


442775. 54/6. 183/66/6 x 8/74 (rust resistant FESR 1). Cultivated. Seed.

442776. 60/6. 89/70/3 x 16/74 (FESR 9). Cultivated. Seed.


442780. 79/5. 84/70/1 x Egret. Cultivated. Seed.
442704 TO 442789-continued

442786. 94/3. 4a/7/20 x Egret. Cultivated. Seed.
442787. 95/3. 4a/7/20 x Jacana. Cultivated. Seed.
442788. 97/3. 6/7/1 x Egret. Cultivated. Seed.

442790. Cucurbita maxima Duch. (Cucurbitaceae) Winter squash.

From South Africa. Donated by I.e. Nel, Department of Agriculture and Fisheries, Division of Seed Control, Pretoria.
Received May 1980.


442791 TO 442792. Cucurbita pepo L. (Cucurbitaceae) Pumpkin.

From South Africa. Donated by T.C. Nel, Department of Agriculture and Fisheries, Division of Seed Control, Pretoria.
Received May 1980.


442792. 'Rolet'. Fruits remain dark green, size of large orange. Cultivar. Seed.

442793 TO 442801. Lathyrus sativus L. (Fabaceae) Grass pea.

From India. Donated by National Bureau of Plant Genetic Resources, New Dehli.
Received February 1978.

442793. KH-1. Seed.
442794. LSD-1. Seed.
442793 TO 442801—continued

442796. LSD-6. Seed.
442798. P-263. Seed.
442799. PS-1. Seed.
442800. S-121. Seed.
442801. S-220. Seed.

442802 TO 442807. Leucaena leucocephala (Lam.) de Wit (Fabaceae)
Leadtree.

From Guatemala. Donated by Plenty Agricultural Project, Guatemala City.
Received May 1980.

442803. Teculutan, Departamento de Chiquimula. 325m. Wild. Seed.
442804. Between Guatemala City and Zacapa. 324m. Wild. Seed.
442805. Between Guatemala City and Zacapa. 630m. Wild. Seed.
442806. Between Guatemala City and Zacapa. 680m. Wild. Seed.
442807. Between Guatemala City and Zacapa. 1110m. Wild. Seed.

442808 TO 442809. Reseda lutea L. (Resedaceae).

From Italy. Donated by Food and Agriculture Organization of the United Nations, Rome.
Received May 1978.


From Canada. Donated by R. Loiselle, The Plant Gene Resources of
442810-continued
Canada, Research Branch, Agriculture Canada, Ottawa, Ontario.
Received April 1980.

PGR 5106. 'Trek'. Cultivated. Seed.

442811 TO 442823. Coffea arabica L. (Rubiaceae) Coffee.

From Portugal. Donated by C. J. Rodrigues, Jr., Centro de
Investigacao das Ferrugens do Cafetier, Estacao Agronomica
Nacional, Oeiras.
Received May 1980.

442811. CIFC 9025. CIFC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UFV 386-45 (F3). Resistant
to coffee rust. Cultivated. Plants.

442812. CIFC 9026. CIFC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UFV 386-52-244 (F4).
Resistant to coffee rust. Cultivated. Plants.

442813. CIFC 9027. CIFC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UFV 386-52-327 (F4).
Resistant to coffee rust. Cultivated. Plants.

442814. CIFC 9028. CIFC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UFV 386-52-228 (F4).
Resistant to coffee rust. Cultivated. Plants.

442815. CIFC 9029. CIFC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UFV 386-45-434 (F4).
Resistant to coffee rust. Cultivated. Plants.

442816. CIFC 9030. CIFC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UFV 386-45-435 (F4).
Resistant to coffee rust. Cultivated. Plants.

442817. CIFC 9031. CIFC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UFV 386-45-711 (F4).
Resistant to coffee rust. Cultivated. Plants.

442818. CIFC 9032. CIFC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UFV 386-45-714 (F4).
Resistant to coffee rust. Cultivated. Plants.

442819. CIFC 9033. CIFC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UFV 386-45-2 (F4).
Resistant to coffee rust. Cultivated. Plants.

442820. CIFC 9034. CIFC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UFV 386-45-25 (F4).
Resistant to coffee rust. Cultivated. Plants.
442821. CIPC 9035. CIPC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UPV 386-45-48 (F4).
Resistant to coffee rust. Cultivated. Plants.

442822. CIPC 9036. CIPC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UPV 386-45-51 (F4).
Resistant to coffee rust. Cultivated. Plants.

442823. CIPC 9037. CIPC HW 26 = 19/1 Caturra Vermelho x 832/1
Hibrido de Timor. Mother plant UPV 386-45-79 (F4).
Resistant to coffee rust. Cultivated. Plants.

442824. Lycopersicon esculentum Mill. (Solanaceae) Tomato.

From China, Peoples Repub of. Donated by H. Chen, Beijing
Vegetable Research Institute, Beijing.
Received June 1980.

No. 201 (Tm 2). May have resistance or tolerance to
tobacco mosaic virus. Cultivated. Seed.

442825. Canna indica L. (Cannaceae).

From Brazil. Donated by D.C. Giacometti, Centro National de
Recursos Geneticos (Cenargen), Empresa Brasileira de Pesquisa
Agropecuaria, Brasilia.
Received May 1980.

Seed.

442826. Citrullus lanatus (Thunb.) Matsum. & Nakai (Cucurbitaceae)
Watermelon.

From Brazil. Donated by D.C. Giacometti, Centro National de
Recursos Geneticos (Cenargen), Empresa Brasileira de Pesquisa
Agropecuaria, Brasilia.
Received May 1980.


442827. Leucaena leucocephala (Lam.) de Wit (Fabaceae) Leadtree.

From Bolivia. Donated by J.L. Brewhaker, Department of
Horticulture, University of Hawaii, Honolulu, Hawaii.
Received October 1979.

Peterson. Plants probably "Giant" or "Peru" type. Seeds large. Tree. Seed.

442828. Leucaena leucocephala (Lam.) de Wit (Fabaceae) Leadtree.

Received October 1979.

Department of Horticulture, Univ. of Hawaii. K 496.

442829. Leucaena leucocephala (Lam.) de Wit (Fabaceae) Leadtree.

From Thailand. Collected by M. Benge, Agency for International Development, U.S. Department of State, Washington, D.C.
Received October 1979.

Department of Horticulture, Univ. of Hawaii. K 495.

442830. Leucaena leucocephala (Lam.) de Wit (Fabaceae) Leadtree.

From United States. Collected by J.L. Brewbaker, Department of Horticulture, University of Hawaii, Honolulu, Hawaii.
Received October 1979.


442831 TO 442832. Leucaena leucocephala (Lam.) de Wit (Fabaceae) Leadtree.

From Philippines. Donated by J.L. Brewbaker, Department of Horticulture, University of Hawaii, Honolulu, Hawaii.
Received October 1979,


442833. Leucaena leucocephala (Lam.) de Wit (Fabaceae) Leadtree.


From China, Peoples Bepub of. Donated by T. C. Tso, Tobacco Laboratory, USDA, Beltsville, Maryland. Received May 1980.


442835 TO 442845. Vitis vinifera L. (Vitaceae) European grape.

From Australia. Donated by A. Antcliff, Division of Horticultural Research, Commonwealth Scientific and Industrial Research Organization, Merbein, Victoria. Received through A. C. Goheen, Department of Plant Pathology, Univ. of California, Davis. Received February 1980.

442846. Vitis sp. (Vitaceae).

From Bolivia. Collected by A. C. Goheen, Dept. of Plant Pathology, Univ. of California, Davis, California.
Received February 1980.


442847. Vitis vinifera L. (Vitaceae) European grape.

From Canada. Donated by C. Pollard, Post-entry Quarantine Station, Sidney, British Columbia. Received through A.C. Goheen, Department of Plant Pathology, Univ. of California, Davis.
Received February 1980.

'Ortega'. Donated February 1979, Cultivar. Cuttings.

442848. Vitis vinifera L. (Vitaceae) European grape.

From Chile. Donated by J. Pandol, Delano, California. Received through A.C. Goheen, Department of Plant Pathology, Univ. of California, Davis.
Received February 1980.


442849. Vitis flexuosa Thunb. (Vitaceae).

From Costa Rica. Donated by A. Ingalls, Puntarenas, Montezuma. Received through A.C. Goheen, Department of Plant Pathology, Univ. of California, Davis.
Received February 1980.


442850. Vitis hybrid (Vitaceae).

From Israel. Donated by R. Kimelmann, Department of Horticulture, Hakirya, Tel-Aviv. Received through A.C. Goheen, Department of Plant Pathology, Univ. of California, Davis.
Received February 1980.

442851 TO 442854. *Vitis vinifera* L. (Vitaceae) European grape.

From Israel. Donated by R. Kimelmann, Department of Horticulture, Hakirya, Tel-Aviv. Received through A.C. Goheen, Department of Plant Pathology, Univ. of California, Davis. Received February 1980.


442855 TO 442857. *Vitis vinifera* L. (Vitaceae) European grape.

From Italy. Donated by G. Martelli, Instituto di Patologia Vegetale, Bari. Received through A.C. Goheen, Department of Plant Pathology, Univ. of California, Davis. Received February 1980.


442858 TO 442859. *Vitis vinifera* L. (Vitaceae) European grape.

From Italy. Donated by Universita Degli Studi, Instituto di Patologia Vegetale, Palermo. Received through A.C. Goheen, Department of Plant Pathology, Univ. of California, Davis. Received February 1980.


442860. *Vitis vinifera* L. (Vitaceae) European grape.

From Mexico. Donated by Ing. R. Anaya R., Ingeneric Agronomo, Torreon, Coahuila. Received through A.C. Goheen, Department of Plant Pathology, Univ. of California, Davis. Received February 1980.


From Mexico. Collected by A. C. Goheen, Department of Plant Pathology, Univ. of California, Davis, California. Received February 1980.


442862. *Vitis vinifera* L. (Vitaceae) European grape.

From Mexico. Collected by A. C. Goheen, Department of Plant Pathology, Univ. of California, Davis, California. Received February 1980.


442863. *Vitis vinifera* L. (Vitaceae) European grape.

From South Africa. Donated by A. T. Haeyns, Stellenbosch Fruit & Fruit Technical Research Institute, Stellenbosch. Received through A.C. Goheen, Department of Plant Pathology, Univ. of California, Davis. Received February 1980.


442864 to 442866. *Vitis vinifera* L. (Vitaceae) European grape.

From Spain. Donated by A. Garcia, Departamento de Viticultura y Enología, Instituto Nacional de Investigaciones Agrarias, Jerez de la Frontera. Received through A.C. Goheen, Department of Plant Pathology, Univ. of California, Davis. Received February 1980.


442867. *Vitis vinifera* L. (Vitaceae) European grape.

From Germany, Federal Rep of. Donated by Staatliche Lehr-und Versuchanstalt, fur Wein-und Obstbau Weinsberg, Lauffen. Received through A.C. Goheen, Department of Plant Pathology.
442867-continued
Pathology, Univ. of California, Davis.
Received February 1980.


442868 TO 442869. Vitis vinifera L. (Vitaceae) European grape.
From Yemen (Sana). Collected by S. Badr, Department of Plant
Science, California State University, Fresno, California.
Received February 1980.

Cuttings.


From India. Collected by M. Sitara, Department of Botany,
Karnatak University, Dharwar - 580 003.
Received February 1980.

10. Seed.

From India. Collected by M. Sitara, Department of Botany,
Karnatak University, Dharwar - 580 003.
Received February 1980.

3. Marshy side of pond near Kyarakoppa diversion,
Dharwar. Wild. Seed.

442872 TO 442873. Paspalum scrobiculatum L. (Poaceae) Kodo.
From India. Collected by M. Sitara, Department of Botany,
Karnatak University, Dharwar - 580 003.
Received February 1980.

442872. 2. Grassland Botanical Garden, Karnatak Univ., Dharwar.
Plants erect. Leaves to 16cm long, 6-7mm wide. Spikes 2

442873. 6. Paddy fields, Halyal Road, Dharwar. Plants to 1.2m
tall. Leaves 15cm long, 8mm wide. Spikes 2 to 4.
Perennial herb. Wild. Seed.

From China, Peoples Repub of. Donated by Beijing University of Agriculture, Beijing. Received through R. J. Kuhr, Cornell University, Ithaca, New York. Received May 1980.

Seed.


From China, Peoples Repub of. Donated by Beijing University of Agriculture, Beijing. Received through R. J. Kuhr, Cornell University, Ithaca, New York. Received May 1980.

Received as Clinelymus sibiricus. Seed.

442876 to 442877. Medicago sativa L. (Fabaceae) Alfalfa.

From China, Peoples Repub of. Donated by Beijing University of Agriculture, Beijing. Received through R. J. Kuhr, Cornell University, Ithaca, New York. Received May 1980.

442876. Sinkiang. Seed.


From China, Peoples Repub of. Donated by Beijing University of Agriculture, Beijing. Received through R. J. Kuhr, Cornell University, Ithaca, New York. Received May 1980.


442882 to 442885. Zea mays L. (Poaceae) Field corn.

From China, Peoples Repub of. Donated by Beijing University of Agriculture, Beijing. Received through R. J. Kuhr, Cornell University, Ithaca, New York. Received May 1980.
442885-continued


442886. Phaseolus vulgaris L. (Fabaceae) Garden bean.
From United States. Donated by Pearl Pulford, Newport, Washington. Received April 1979.


442887 TO 442888. Phaseolus vulgaris L. (Fabaceae) Garden bean.


442889. Phaseolus vulgaris L. (Fabaceae) Garden bean.
From United States. Donated by Mrs. Cecil Schull, c/o USDA Cereal Genetics Research Unit, University of Missouri, Columbia, Missouri. Received April 1979.


442890. Lycopersicon esculentum Mill. (Solanaceae) Tomato.
From United States. Donated by W.B. Simpson, Parma Branch
442890-continued
Experiment Station, University of Idaho, Parma, Idaho.
Received April 1979.

Cultivated. Seed.

From Israel. Donated by Division of Plant Introduction, The Volcani Center, Bet-Dagan.
Received June 1980.

Rinat Hakfar. Probably similar to PI 211118 under the same name. Cultivated. Seed.

442892. Medicago littoralis Rohde ex Loisel. (Fabaceae).
From Australia. Donated by J. Brockwell, Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra City, A.C.T.
Received June 1980.


442893. Medicago rugosa Desr. (Fabaceae).
From Australia. Donated by J. Brockwell, Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra City, A.C.T.
Received June 1980.


442894. Medicago tornata (L.) Mill. (Fabaceae) Medic.
From Australia. Donated by J. Brockwell, Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra City, A.C.T.
Received June 1980.


442895 TO 442896. Medicago truncatula Gaertn. (Fabaceae) Barrelclover.
From Australia. Donated by J. Brockwell, Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra City, A.C.T.
Received June 1980.
442895 TO 442896-continued


From United States. Donated by Cereal Rust Laboratory, USDA, University of Minnesota, St. Paul, Minnesota. Received through the Uniform Spring Wheat Rust Nursery Program-1980. Received April 1980.


From Australia. Donated by Plant Breeding Institute, The University of Sydney, Castle Hill, New South Wales. Received through the Uniform Spring Wheat Rust Nursery Program-1980. Received April 1980.

442903. 'Millewa'. DX6-79=Sonora 64/Yaqui 50//Gaboto/Mexico 8156. Carries Sr8, Sr9b plus, may be heterogeneous for some genes, Puccinia graminis resistance. Annual. Cultivated.


From India. Donated by World Bank Cotton Project, Ministry of Agriculture & Irrigation, New Delhi 11001.
Received June 1980.

From India. Donated by World Bank Cotton Project, Ministry of Agriculture & Irrigation, New Delhi 11001.
Received June 1980.


442923 TO 442924. Rhododendron arborescens (Pursh) Torr. (Ericaceae).
From United States. Collected by N. E. Pellett, Department of Plant and Soil Science, University of Vermont, Burlington, Vermont.
Received March 1980.

442923 TO 442924-continued


442925 TO 442929. Rhododendron calendulaceum (Michx.) Torr. (Ericaceae).

From United States. Collected by N. E. Pellett, Department of Plant and Soil Science, University of Vermont, Burlington, Vermont.
Received March 1980.


442930 TO 442931. Rhododendron canadense (L.) Torrey (Ericaceae).

From United States. Collected by N. E. Pellett, Department of Plant and Soil Science, University of Vermont, Burlington, Vermont.
Received March 1980.

442930. 66. Collected October 06, 1978. Packardville Cem., Pelham, Mass. Lat. 42 deg. 21' N, Long. 72 deg. 23' W. 279m. Plants 1-2m tall growing with viscosum on edge of

510
442930 TO 442931-continued

bog. Local name Rhodora. Wild. Seed.

442931. 73. Collected October 11, 1978. Along Route 114, 8.9km N of Island Pond, Vermont. Lat. 44 deg. 52.5' N. 402m. Plants numerous, 0.7-1.3m tall. Local name Rhodora. Wild. Seed.

442932 TO 442936. Rhododendron catawbiense Michx. (Ericaceae).

From United States. Collected by N. E. Pellett, Department of Plant and Soil Science, University of Vermont, Burlington, Vermont.
Received March 1980.


442937 TO 442938. Rhododendron hybrid (Ericaceae).

From United States. Collected by N. E. Pellett, Department of Plant and Soil Science, University of Vermont, Burlington, Vermont.
Received March 1980.

442937. 110. Collected October 30, 1979. Top of Gregory Bald Mt.,
442937 TO 442938—continued

Great Smoky Mts., Tennessee. Lat. 35 deg. 31' N. 1520m.
Natural hybrids of B. arborescens, bakeri, viscosum.
Plants vary from 0.9 to 3m tall. Flowers of various
colors, intermediate characteristics. Composite seed
sample. Wild. Seed.

442938. 127. Collected October 29, 1979. Blue Ridge Parkway,
mile marker 332.9, North Carolina. 1128m. Hybrids of B.
carolinianum and minus. Plants 2.4 to 3m tall, 2m wide.
Leaves 5 to 7.6cm long, elliptic. Flowers pale purple,
late-flowering. Wild. Seed.

442939 TO 442941. Rhododendron prinophyllum (Small) Billais
(Ericaceae).

From United States. Collected by N. E. Pellett, Department of
Plant and Soil Science, University of Vermont, Burlington,
Vermont.
Received March 1980.

442939. 74. Collected October 11, 1978. Ithial Falls, 4.8km W of
Johnson, Vt. on Lamoille River. Lat. 44 deg. 39' N. 135m.
Near Northern limit of range. Plants 0.9 to 2.8m. Flowers
pink. Local name Mountain pinks or Roseshell azalea. Wild.
Seed.

County, West Virginia. Lat. 38 deg. 31' N. 1210m.
Collected by H. L. Tolstead. Near upper limit elevation
range. Plants 0.9 to 2.4m tall, erect. Flowers pink,
little color variation. Local name Roseshell azalea. Wild.
Seed.

442941. 65. Collected October 05, 1978. Woodland, 8.2km from
Summit, NY. Lat. 42 deg. 33' N, long. 74 deg. 32' W.
3660m. About 100m behind barn of former O. Dibble farm.
Plants erect, vase-shaped, 2.6-3.5m tall. Seeds from more
than 15 plants. Local name Roseshell azalea. Wild. Seed.

442942. Rhododendron vaseyi Gray (Ericaceae).

From United States. Collected by N. E. Pellett, Department of
Plant and Soil Science, University of Vermont, Burlington,
Vermont.
Received March 1980.

117. Collected October 31, 1979. Roadside, Blue Ridge
1340m. Plants 1-2m tall. Seeds from 4-6 plants. Wild.
Seed.
442943. Rhododendron viscosum (L.) Torrey (Ericaceae).

From United States. Collected by N. E. Pellett, Department of Plant and Soil Science, University of Vermont, Burlington, Vermont. Received March 1980.

68. Collected October 06, 1978. Bog, Packerville Cem., Pelham, MA. Lat. 42 deg. 21' N, long. 72 deg. 23.5'W. 280m. Plant foliage variable from glaucous to glabrous. Plants 2.5 to 3.5m tall. Seeds from 15-20 plants. Wild. Seed.

442944 TO 442946. Paeonia lactiflora Pall. (Bananuculaceae).

From Soviet Union. Donated by Hortus Botanicus Instituti Botanici Academiae Scientiarium, Lithuania. Received through M.I. Vavilov Institute of Plant Industry, 44 Herzenstreet, Leningrad. Received May 1979.


442947 TO 443013. Oryza sativa L. (Poaceae) Rice.

From Philippines. Donated by International Rice Institute, Manila. Received May 1980.

442956. IRRI 11781. Ta Tsu Mi Noshi. Cultivated. Seed.
<table>
<thead>
<tr>
<th>Code</th>
<th>Variety</th>
<th>Origin</th>
<th>Cultivation</th>
<th>Seed Type</th>
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<td>ARC 11056</td>
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<td>IRRI 23455</td>
<td>Khao Lep Yang</td>
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<td>IRRI 23500</td>
<td>Khoa Nhouaknoi</td>
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<td>IRRI 23741</td>
<td>Khanu</td>
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<td>IRRI 24095</td>
<td>Leb Chahng</td>
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<td>Seed</td>
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<td>IRRI 24110</td>
<td>Khao Khae</td>
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<td>IRRI 31536</td>
<td>Ruruwee</td>
<td>Cultivated</td>
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<td>IR5. 78 IBLBON</td>
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<tr>
<td>IR24. PR103</td>
<td>India</td>
<td>IR661-1-140-3</td>
<td>For irrigated farms, late planting</td>
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</tr>
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<td>IR26. 78 IRTN</td>
<td>Cultivated</td>
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<td>IR28. BR6</td>
<td>Bangladesh</td>
<td>IR2061-214-3-8-2</td>
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<td>Seed</td>
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<td>IR30. India</td>
<td>Cultivated</td>
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<td>IR34. India</td>
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<td>IR36. NW3A</td>
<td>Viet-Nam</td>
<td>IE2071-625-1</td>
<td>For irrigated farms, 79 IECTH</td>
<td>Cultivated</td>
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<tr>
<td>IR38. Indonesia</td>
<td>IR2070-423-2</td>
<td>Popular in East Java, Resistant to brown planthopper biotype 2</td>
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<td>Seed</td>
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<td>IR43.</td>
<td>IR1529-430-3</td>
<td>For dryland areas, Drought tolerant</td>
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<td>IR44.</td>
<td>IR2863-38-1</td>
<td>For irrigated farms, Resistant to major diseases and insects</td>
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<td>Seed</td>
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<td>IR45.</td>
<td>IR2035-242</td>
<td>For dryland areas, Drought tolerant</td>
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<td>IR46.</td>
<td>IR2058-78-1</td>
<td>For rainfed-wetland</td>
<td>Cultivated</td>
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<td>IR442-2-58</td>
<td>IRDWON</td>
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<td>IR1746-194-1-1-1</td>
<td>78 IRLBON</td>
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<td>IR1746-226-1-1-4</td>
<td>78 IUHON, 78 IRLBON</td>
<td>Cultivated</td>
<td>Seed</td>
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<td>Year</td>
<td>Cultivar</td>
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