

PI 534649 to 534658-continued

PI 534658 donor id: HA 372. origin: United States. pedigree: F6 derived maintainer line from H55. other id: GP-119. group: CSR-SUNFLOWER. remarks: Germplasm maintainer line with genetic diversity for agronomic and morphological characteristics and seed oil content. Plant height 78cm. Days to 50% bloom 62. Seed oil content 467gms per kg. Susceptible to downy mildew (*Plasmopara halstedii*) races 1 to 5 and sunflower rust (*Puccinia helianthi*) race 1, 3 and 4. disease resistance: Sunflower rust (*Puccinia helianthi*) race 2. Annual. Genetic Material. Seed.

PI 534659. *Zea mays* L. POACEAE Corn

Donated by: West, D.R., Tennessee Agricultural Exp. Stn., University of Tennessee, Knoxville, Tennessee, United States. remarks: Developed by the Tennessee Agricultural Experiment Station, University of Tennessee, Knoxville and released February, 1989. Received August 15, 1989.

* *Zea mays* L. subsp. *mays* POACEAE Corn
origin: United States. cultivar: T169. pedigree: T226/Mol18W(F2)/2/T226. other id: PL-136. group: CSR-MAIZE. remarks: Parental line with potential to produce white dents in hybrids adapted to Southern U.S. Maturity AES1200. Plants tall, vigorous with large stalks. Ears short, girthy, with good husk protection. Cobs white with 16-18 kernel rows. Kernels white, medium-sized, dimple dent. Susceptible to maize dwarf mosaic-strain A/maize chlorotic dwarf virus complex. Annual. Breeding Material. Seed.

PI 534660 to 534662. *Cuphea aequipetala* Cav. LYTHRACEAE

Donated by: Graham, S.A., Dept. of Biological Sciences, Kent State University, Kent, Ohio, United States. Received July 1988.

PI 534660 donor id: Gr. 814. origin: Mexico. collected: September 21, 1981. collector: S.A. Graham. collector id: Gr. 814. other id: Ames 4897. group: Ames. other id: AZ148. locality: Field, adjacent to Hotel Bonampak, outskirts of San Cristobal at junction of bypass to Comitan. elevation: 2100m. remarks: Erect, supported by low shrubs. Wild. Seed.

PI 534661 donor id: Gr. 820. origin: Mexico. collected: September 21, 1981. collector: S.A. Graham. collector id: Gr. 820. other id: Ames 4898. group: Ames. other id: AZ153. locality: Open pine zone, 17km SE of Rincon Chamula on hwy 195. remarks: Plant habit prostrate. Wild. Seed.