

several individuals to warrant returning in Fall.

PI 589941. *Malus fusca* (Raf.) C. Schneider

Collected 07/11/1988 in California, United States. Trailhead on state park land on Kellogg Rd, about 200 m from beach, south of mouth of Smith River, Del Norte Co, CA. Pedigree - Wild. Comments:: Large round tree ca. 30 ft. high, growing in marshy habitat, low drainage ditch for immediate area, ground presently firm but probably muddy most of the year; largest plant seen to date, plenty of fruit.

PI 589942. *Malus fusca* (Raf.) C. Schneider

Collected 07/11/1988 in California, United States. About 10 m. from 88114. (Trailhead on state park land on Kellogg Rd., about 200 m. from beach, south of mouth of Smith River, Del Norte Co, CA.). Pedigree - Wild. Comments:: Many other individuals nearby; younger plants present; seed from previous year's fruit collected.

PI 589943. *Malus domestica* Borkh.

Collected 07/12/1988 in California, United States. Kneeland Rd. ca. 1.3 mi. west of Barry Rd, between fence and road, dry ridge open grassland. Pedigree - Wild. Comments:: Small tree ca. 15 ft. tall; probably not *M. fusca* but fruit not available.

The following were donated by Dan Thompson, Agriculture Canada, Center for Plant Health, 8801 East Saanich Road, Sidney, British Columbia V8L 1H3, Canada. Received 08/22/1988.

**PI 589944. *Malus domestica* Borkh.
Kinsei.**

The following were developed by East Malling Research Station, Maidstone, England, United Kingdom. Donated by A.I. Campbell, Long Ashton Research Station, Long Ashton, Bristol, England B518 9AF, United Kingdom. Received 08/22/1988.

PI 589945. *Malus domestica* Borkh.

Michaelmas Red. Pedigree - McIntosh x Worcester Pearmain Raised 1929, selected about 1940. Introduced in England 1945, Canada and U.S. 1946. Comments:: Size medium 56-63:57 mm; shape intermediate, truncate-conic, convex; skin pale, greenish yellow, streaked pale red, nearly covered deep even crimson, tends to go very dark on keeping; flesh rather soft, greenish white; flavor sweet, subacid; season mid to late. Tree: moderately vigorous, upright-spreading; spurs very freely. Unattractive dessert apple, small for commercial growing.

The following were developed by E.B. Williams. Donated by Hilary F. Goonewardene, Purdue University, Dept. of Entomology, Entomology Hall, W. Lafayette, Indiana 47907, United States. Received 08/25/1988.

PI 589946. *Malus domestica* Borkh.

PRI 1732-2. Pedigree - 'McIntosh' x 703-2 (P.I.172633 'Antonovka' x 'Jonared') Selected 9/2/69. Comments:: Scab resistance from Antonovka - P.I.172633; very good mildew resistance; excellent cedar rust resistance. Sept. 10, 2 - 2 1/4" round, very-bright 50-100% medium red, green ground, flesh firm, crisp, bland, bitter, juicy. Goonewardene: Resistance to Plum Curculio and red-banded leaf roller.

PI 589947. *Malus domestica* Borkh.

PRI 2138-1. Pedigree - PRI 1018-101 (N.J.24 [N.J.117637 {'Melba' x 'Wealthy' x 'Starr'}] x N.J.12 ['Red Rome' x 'Melba']) x PRI 47-147 \ 'Jonathan' x "F2"26829-2-2\ x 'Vista Bella'. Selected 7/26/91.