

- PI 600491. *Malus sieversii* (Ledeb.) M. Roem.**
 Wild. Kaz 95 04-03; GMAL 3602. Collected 08/27/1995 in Kazakhstan.
 Latitude 43 deg. 19' 45'' N. Longitude 77 deg. 35' 55'' E. Elevation
 1360 m. Zielisky Alatau Province. Turgen Forest region - 120 hectares.
 Central part of Zielisky. Along stream next to North slope. Near
 Composer's house (site 32 in 1993) - from 1360-1200 m. Dominant tree
 sp.: Apricot; Associated-*Padus*. Dominant shrub sp.: *Berberis*;
 Assoc-*Ribes*. Dominant herbaceous: Grasses; Assoc.-*Geranium*, *Epilobium*,
Achillea. Sampled 150 fruits from 1 tree. Flesh flavor is aromatic.
 Fruit size is larger than 50mm. Same accession as GMAL 3734.
- PI 600492. *Malus sieversii* (Ledeb.) M. Roem.**
 Wild. Kaz 95 04-05; GMAL 3603. Collected 08/27/1995 in Kazakhstan.
 Latitude 43 deg. 19' 45'' N. Longitude 77 deg. 35' 55'' E. Elevation
 1360 m. Zielisky Alatau Province. Turgen Forest region - 120 hectares.
 Central part of Zielisky. Along stream next to North slope. Near
 Composer's house (site 32 in 1993) - from 1360-1200 m. Dominant tree
 sp.: Apricot; Associated-*Padus*. Dominant shrub sp.: *Berberis*;
 Assoc-*Ribes*. Dominant herbaceous: Grasses; Assoc.-*Geranium*, *Epilobium*,
Achillea. Sampled 150 fruits from 1 tree. Fruit collected from old tree
 with three major trucks. Fruit over color is 80% red, overripe.
- PI 600493. *Malus sieversii* (Ledeb.) M. Roem.**
 Wild. Kaz 95 05-02; GMAL 3604. Collected 08/29/1995 in Kazakhstan.
 Latitude 47 deg. 14' 39'' N. Longitude 81 deg. 34' 14'' E. Elevation 870
 m. Semipalitinsk Region (Tarbagatai Mountain Range). Village of
 Alekseyevka. 4 km. Northeast of Alekseyevka, 20 km. North of Urdzhar.
 Flat area near stream. Collected in South end of West Valley.
 Coordinates in Urdzhar: 47-05-01, 81-37-49. Temp: max. +41, min. -40.
 Stoney gravely loam soil. Good drainage. 400 mm rainfall. Dominant tree
 sp.: *Populus*. Dominant shrub sp.: *Crataegus*, *Rosa*; Associated-*Viburnum*.
 Random pop. as close as 20 m. to stream. Many new small trees growing.
 Sampled 150 fruits from 1 tree. Fruit free of scab, very clean & free of
 disease, bruises easily. Flesh flavor is aromatic. High quality. Very
 heavy cropload; spur type tree. Same as accession GMAL 3779.
- PI 600494. *Malus sieversii* (Ledeb.) M. Roem.**
 Wild. Kaz 95 05-03; GMAL 3605. Collected 08/29/1995 in Kazakhstan.
 Latitude 47 deg. 14' 39'' N. Longitude 81 deg. 34' 14'' E. Elevation 870
 m. Semipalitinsk Region (Tarbagatai Mountain Range). Village of
 Alekseyevka. 4 km. Northeast of Alekseyevka, 20 km. North of Urdzhar.
 Flat area near stream. Collected in South end of West Valley.
 Coordinates in Urdzhar: 47-05-01, 81-37-49. Temp: max. +41, min. -40.
 Stoney gravely loam soil. Good drainage. 400 mm rainfall. Dominant tree
 sp.: *Populus*. Dominant shrub sp.: *Crataegus*, *Rosa*; Associated-*Viburnum*.
 Random pop. as close as 20 m. to stream. Many new small trees growing.
 Sampled 150 fruits from 1 tree. Fruit is hard, bruises easily. Slight
 scab detected. Very heavy cropload. Appears to be a hybrid with *M.*
baccata.
- PI 600495. *Malus sieversii* (Ledeb.) M. Roem.**
 Wild. Kaz 95 05-05; GMAL 3606. Collected 08/29/1995 in Kazakhstan.
 Latitude 47 deg. 14' 39'' N. Longitude 81 deg. 34' 14'' E. Elevation 870
 m. Semipalitinsk Region (Tarbagatai Mountain Range). Village of