

Landform mostly hillside. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Rosa*; Associated-*Lonicera*, *Rubus*. Dominant herbaceous: *Malva*; Assoc.-*Fragaria*. Sampled 30 fruits from 1 tree. Looks like a domesticated apple. Fruit is firm with aromatic flesh flavor, juicy. Fruit size is larger than 50mm. Winter keeper. Very heavy cropload. Scion also collected.

PI 600513. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 08-05; GMAL 3624. Collected 08/30/1995 in Kazakhstan. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar. 5 km. Northeast of Alekseyevka. Collected mainly on west slopes in center of West Valley. Equidistant between sites 05 & 06 (GMAL's 3604-3615, GMAL's 3760-3789). Silt to clay loam soil. Aspect: Northwest. Landform mostly hillside. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Rosa*; Associated-*Lonicera*, *Rubus*. Dominant herbaceous: *Malva*; Assoc.-*Fragaria*. Sampled 25 fruits from 1 tree. Flesh flavor is aromatic and sweet. Fruit size is larger than 50mm, generally free of scab. Spur type tree.

PI 600514. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 08-06; GMAL 3625. Collected 08/30/1995 in Kazakhstan. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar. 5 km. Northeast of Alekseyevka. Collected mainly on west slopes in center of West Valley. Equidistant between sites 05 & 06 (GMAL's 3604-3615, GMAL's 3760-3789). Silt to clay loam soil. Aspect: West. Landform mostly hillside. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Rosa*; Associated-*Lonicera*, *Rubus*. Dominant herbaceous: *Malva*; Assoc.-*Fragaria*. Sampled 15 fruits from 1 tree. Fruit is firm with aromatic flesh flavor. Over color is 80% red. Fruit size is larger than 50mm. Small amount of scab detected. Very column-shaped tree. Scion also collected.

PI 600515. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 09-02F; GMAL 3626. Collected 08/31/1995 in Kazakhstan. Latitude 47 deg. 16' 41'' N. Longitude 81 deg. 35' 59'' E. Elevation 1120 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar, 6 km. East-Northeast of Alekseyevka, on separate jeep trail. East Valley collection site. Collected on north end on flat by East River. Slope incline 2 degrees. Aspect: East. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Rosa*; Associated-*Lonicera*, *Rubus*. Dominant herbaceous: *Malva*; Assoc.-*Fragaria*. Sampled 30 fruits from 1 tree. Fruit is firm with aromatic flesh flavor. Over color is 70% red. Fruit size is larger than 50mm. Looks scab free. Winter type. Commercial size.

PI 600516. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 09-03F; GMAL 3627. Collected 08/31/1995 in Kazakhstan. Latitude 47 deg. 16' 41'' N. Longitude 81 deg. 35' 59'' E. Elevation 1120 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar, 6 km. East-Northeast of Alekseyevka, on separate jeep trail. East Valley collection site. Collected on north end on flat by East River. Flat slope. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Rosa*; Associated-*Lonicera*, *Rubus*. Dominant herbaceous: *Malva*; Assoc.-*Fragaria*. Sampled 60 fruits from 1 tree. Fruit is hard with aromatic flesh flavor. Over color is 90% red. Fruit size is larger than