

PI 531055 to 531058. *Helianthus petiolaris* subsp. *petiolaris*
ASTERACEAE

Donated by: Seiler, G., Conservation and Production Res. Lab.,
USDA-ARS, P.O. Drawer 10, Bushland, Texas, United States. Received
July 14, 1988.

- PI 531055 **donor id:** 1982. **origin:** United States. **collected:**
September 08, 1987. **collector:** G. Seiler, R. Marinkovic.
collector id: 1982. **other id:** Ames 7957. **group:** Ames.
locality: Sandy, rocky soil, along roadside ditch, 4.8km
NE of Plains, Hwy 28E, Sanders County. **latitude:** 47 deg.
28 min. N. **longitude:** 114 deg. 51 min. W. **remarks:**
Population scattered, 20 plants past flowering. Atypical.
Central bracts white, longer and wider than usual.
Perhaps cross with *annuus*. Annual. Wild. Seed.
- PI 531056 **donor id:** 2004. **origin:** United States. **collected:**
September 11, 1987. **collector:** G. Seiler, R. Marinkovic.
collector id: 2004. **other id:** Ames 7979. **group:** Ames.
locality: Sandy soil of roadside ditch, 7.2km N of
Billings, Hwy 87N, Yellowstone County. **latitude:** 48 deg.
50 min. N. **longitude:** 108 deg. 44 min. W. **remarks:**
Population 150 plants. Typical. Severe rust problem.
Annual. Wild. Seed.
- PI 531057 **donor id:** 2009. **origin:** United States. **collected:**
September 11, 1987. **collector:** G. Seiler, R. Marinkovic.
collector id: 2009. **other id:** Ames 7984. **group:** Ames.
locality: Disturbed sandy soil of roadside ditch, 30.5km
W of Jordan, Hwy 200W, Garfield County. **latitude:** 47
deg. 20 min. N. **longitude:** 106 deg. 55 min. W. **remarks:**
Population 200 plants. Head diameter small. Free of rust
and aphids. Annual. Wild. Seed.
- PI 531058 **donor id:** 2011. **origin:** United States. **collected:**
September 12, 1987. **collector:** G. Seiler, R. Marinkovic.
collector id: 2011. **other id:** Ames 7986. **group:** Ames.
locality: Sandy roadside ditch, 9.6km W of Walcott, Hwy
46W, Richland County. **latitude:** 46 deg. 32 min. N.
longitude: 96 deg. 58 min. W. **remarks:** Population 150
plants. Typical. Chaff white, center of heads. Branched.
Annual. Wild. Seed.

PI 531059. *Helianthus pumilus* Nutt. ASTERACEAE Dwarf sunflower

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