

- PI 586916. *Helianthus petiolaris* ssp. *petiolaris*
Wild. Ames 17991; PET 2126. Collected 09/06/1991 in Montana, United States. Latitude 45 deg. 30' N. Longitude 105 deg. 25' W. Roadside ditch, along edge of asphalt road and extending into rangeland. 19.2 km south of Broadrus, Hwy. 59 S, Powder River County. Seed collected from 40 plants. Population scattered over considerable distance, several km. Typical *H. petiolaris*, just peak flowering. Introgression with *H. annuus* possible. Moderate rust.
- PI 586917. *Helianthus petiolaris* ssp. *petiolaris*
Wild. Ames 17992; PET 2145. Collected 09/08/1991 in South Dakota, United States. Latitude 43 deg. 19' N. Longitude 103 deg. 40' W. Sandy roadside ditch. 30.5 km southwest of Hot Springs, Hwy. 18 S, Fall River County. Seed collected from 60 plants. Population scattered for ca. 100 m along edge of road blacktop and in sandy ditch. Typical *H. petiolaris*, plants just past peak flowering. Only one plant seen with rust.
- PI 586918. *Helianthus petiolaris* ssp. *petiolaris*
Wild. Ames 17993; PET 2146. Collected 09/08/1991 in Wyoming, United States. Latitude 43 deg. 15' N. Longitude 104 deg. 10' W. Disturbed sandy area by rest stop. Mule Creek Junction, Intersection of Hwy. 18 W and 85 S, Niobrara County. Seed collected from 70 plants. Population widely scattered along both sides of road and near rest area, sandy soil. Plants just past peak flowering, typical *H. petiolaris*. No apparent rust.
- PI 586919. *Helianthus petiolaris* ssp. *petiolaris*
Wild. Ames 17994; PET 2151. Collected 09/09/1991 in Wyoming, United States. Latitude 41 deg. 20' N. Longitude 104 deg. 30' W. Disturbed sandy soil of roadside ditch. 81.9 km southwest of Hawk Springs, Hwy. 85 S, Laramie County. Seed collected from 35 plants. Population small, scattered on sandy backslope of road. Just past peak flowering, good seed set, typical *H. petiolaris*. Severe rust on some plants. Few *H. annuus* plants mixed in population.
- PI 586920. *Helianthus petiolaris* ssp. *petiolaris*
Wild. Ames 17995; PET 2152. Collected 09/09/1991 in Colorado, United States. Latitude 40 deg. 49' N. Longitude 104 deg. 49' W. Disturbed area of sandy roadside ditch. 1.1 km west of Carr, County Road 156, Weld County. Seed collected from 35 plants. Scattered population along sandy roadside ditch. Typical *H. petiolaris*. Just at peak flowering. No apparent rust.
- PI 586921. *Helianthus petiolaris* ssp. *petiolaris*
Wild. Ames 17996; PET 2156. Collected 09/09/1991 in Colorado, United States. Latitude 40 deg. 22' N. Longitude 104 deg. 28' W. Sandy roadside ditch. 10.9 km southeast of Kersey, Hwy. 34 S, Weld County. Seed collected from 75 plants. Population large - scattered for kilometers in pastures and ditches along road. Typical plants, well past flowering, some 2 m tall, some large heads. No apparent rust.
- PI 586922. *Helianthus petiolaris* ssp. *petiolaris*
Wild. Ames 17997; PET 2158. Collected 09/09/1991 in Colorado, United States. Latitude 39 deg. 50' N. Longitude 104 deg. 25' W. Sandy roadside ditch. 1.1 km northeast of Bennett, Hwy. 79 N, Adams County. Seed collected from 60 plants. Population scattered along roadside ditch, sandy soil, mostly on backslope. Plants very tall, heads larger than normal in several plants, plants just past peak flowering, good seed set. No apparent rust. *Helianthus annuus* population mixed and adjacent. Some insect damage on face of head.
- PI 586923. *Helianthus petiolaris* ssp. *petiolaris*
Wild. Ames 17998; PET 2160. Collected 09/10/1991 in Colorado, United