

Fargo, North Dakota 58105, United States. Received 10/17/1991.

PI 586905. *Helianthus nuttallii* ssp. *nuttallii* (Torrey & A. Gray) Heiser

Wild. Ames 17978; NUT 2135. Collected 09/07/1991 in Wyoming, United States. Latitude 44 deg. 10' N. Longitude 106 deg. 40' W. Saline soil in swampy area of roadside ditch. 51.8 km north of Kaycee, Hwy 196 N, Johnson County. Seed collected from 50 plants. Population scattered in low-land area, swampy, *Juncus* (Bullrush) area. Typical species, plants past flowering, good seed set. No apparent rust.

PI 586906. *Helianthus nuttallii* ssp. *rydbergii* (Britton) R. Long

Wild. Ames 17975; NUT 2109. Collected 09/05/1991 in North Dakota, United States. Latitude 48 deg. 19' N. Longitude 102 deg. 23' W. Loam soil in roadside ditch, swampy area. 1.6 km south of Stanley, Hwy 8 S, Mountrail County. Seed collected from 25 plants. Small population, well past flowering, occurring along edge of wet area. Seed set appears good, typical, but plants did not have red stems. Smaller type leaves. Rust infection lighter than previously seen, population appears to have been grazed.

The following were collected by Gerald Seiler, USDA, ARS, Northern Crop Science Lab., P.O. Box 5677, University Station, Fargo, North Dakota 58105, United States; Radovan Marinkovic, Institute of Field and Vegetable Crops, M. Gorkog 30, 21000, Novi Sad, Serbia, Yugoslavia; Surendra Duhoon, National Bureau of Plant Genetic Resources, I.A.R.I. Campus, PUSA, New Dehli, India. Donated by Gerald Seiler, USDA, ARS, Northern Crop Science Lab., P.O. Box 5677, University Station, Fargo, North Dakota 58105, United States. Received 10/17/1991.

PI 586907. *Helianthus nuttallii* ssp. *rydbergii* (Britton) R. Long

Wild. Ames 17976; NUT 2236. Collected 09/17/1991 in North Dakota, United States. Latitude 46 deg. 34' N. Longitude 97 deg. 6' W. Sandy soil in moist roadside ditch. 11.2 km west and 5.9 km south of Kindred, Hwy 18 S, Richland County. Seed collected from 36 plants. Population along both sides of road, ca. 150 plants. Typical *H. nuttallii*, red stem, plants well past flowering, seed set poor, questionable seed quality. Plants 2 m tall, branched above. Rust moderate to severe.

PI 586908. *Helianthus pauciflorus* ssp. *subrhomboides* (Rydb.) O. Spring & E. Schilling

Wild. Ames 17984; PAU 2235. Collected 09/17/1991 in North Dakota, United States. Latitude 46 deg. 21' N. Longitude 98 deg. 20' W. Disturbed sandy soil of roadside ditch. 4.8 km west of LaMoure, Hwy. 13 W, LaMoure, County. Seed collected from 66 plants. Small scattered population over ca. 100 sq. m. Plants well past flowering, seed set fair, many heads very black. Plant typical, 1 m tall, 1-3 head per plant, red stems, larger basal leaves. No apparent rust. *Helianthus maximiliani* mixed in population.

The following were collected by Cynthia Stauffer, Regional Plant Introduction Station, Iowa State University, Ames, Iowa 50011, United States; Gerald Seiler, USDA, ARS, Northern Crop Science Lab., P.O. Box 5677, University Station, Fargo, North Dakota 58105, United States; Radovan Marinkovic, Institute of Field and Vegetable Crops, M. Gorkog 30, 21000, Novi Sad, Serbia, Yugoslavia; Surendra Duhoon, National Bureau of Plant Genetic Resources, I.A.R.I. Campus, PUSA, New Dehli, India. Donated by Gerald Seiler, USDA, ARS, Northern Crop Science Lab., P.O. Box 5677, University Station, Fargo, North Dakota 58105, United States. Received 10/17/1991.