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*Helianthus pauciflorus* Nutt. ASTERACEAE  
**origin:** United States. **collected:** September 16, 1989.  
**collector id:** RIG-2036. **other id:** Ames 13039. **source:**  
NC-7. **group:** Ames. **locality:** Roadside ditch, swampy  
soil, by fence row. Hwy. 51S, 21km south of Rutland,  
Woodford County. **latitude:** 40 deg. 48 min. W.  
**longitude:** 89 deg. 02 min. N. **remarks:** Seed collected  
from 25 plants, small isolated population (ca. 50  
plants). Just peak flowering, seed set only 3-5 seed per  
head. Plants had several *H. rigidus* ssp. *rigidus*  
characteristics. Larger wider bracts than anything seen  
until now, but not typical stature of rig-rig. Leaves  
were not as hirsute and thick as one would expect. Rig is  
my best estimation at this time. Specimen collected.  
Seed.

PI 547212 to 547226. *Helianthus strumosus* L. ASTERACEAE

**Donated by:** Seiler, G.J., Agricultural Research Service -- USDA,  
P.O. Box 5677, Fargo, North Dakota, United States. Received  
February 12, 1991.

PI 547212 **origin:** United States. **collected:** September 14, 1989.  
**collector id:** STR-2019. **other id:** Ames 13040. **source:**  
NC-7. **group:** Ames. **locality:** Along edge of corn field,  
waste area, in drier loam soil. Just off highway in  
corner. Hwy. 44SW, 3.5km southwest of Pickett, Fond du  
Lac County. **latitude:** 43 deg. 50 min. W. **longitude:** 88  
deg. 56 min. N. **remarks:** Seed collected from 50 plants,  
and rootstocks were also collected. Small scattered  
population. Plants all past flowering, good seed set.  
Shorter plants than typical, typical leaves slightly  
branched above, 3-5 heads per plant, opposite, decussate,  
lower leaf surface tomentose (puberulent). Population  
mixed close to *H. giganteus*, Ames 13008. No apparent  
outcrossing. No rust present. Specimen. Seed.

PI 547213 **origin:** United States. **collected:** September 16, 1989.  
**collector id:** STR-2030. **other id:** Ames 13041. **source:**  
NC-7. **group:** Ames. **locality:** In roadside ditch, edge of  
stream and edge of corn field. Hwy. 251S, 22.9km south of  
Rochelle, Lee County. **latitude:** 41 deg. 44 min. W.  
**longitude:** 89 deg. 05 min. N. **remarks:** Seed collected  
from 35 plants, small scattered population of ca. 50  
plants. Plants in 50% flowering. Plants look very much  
like *H. strumosus*, also has some characteristics of *H.*  
*tuberosus*, but plants did not have tubers. Plants had 12  
ray flowers, narrow petals, ca. 2-4 mm wide, spreading.  
Insect damage to heads. Specimen collected. Collection  
#2030. Seed.