

PI 547165 to 547168-continued

PI 547167 **origin:** United States. **collected:** September 24, 1989. **collector id:** ANN-2086. **other id:** Ames 12995. **source:** NC-7. **group:** Ames. **locality:** Road-side ditch along fence-row. Scattered population over several km. Intersection of Hwy. 36W and Hwy. 4N, Springfield, Sangamon county. **latitude:** 39 deg. 49 min. N. **longitude:** 89 deg. 39 min. W. **remarks:** Seed collected from 75 plants. Past peak flowering, seed set very good. Variable plant height. Typical annuus, many single or slightly branched plants. Growing in tall grass, scattered, *H. maximiliani* and *grosseseratus* growing in same general area. Some rust present on a few plants, most lower leaves had died. Specimen collected. Collection #2086. Seed.

PI 547168 **origin:** United States. **collected:** September 24, 1989. **collector id:** ANN-2093. **other id:** Ames 12996. **source:** NC-7. **group:** Ames. **locality:** 7.4km west of Camp Point, Hwy. 24W, along right-of-way of railroad, area had been recently sprayed, Adams County. **latitude:** 40 deg. 03 min. N. **longitude:** 91 deg. 09 min. W. **remarks:** Seed collected from 40 plants, small scattered population. Plants past flowering, good seed set. Most plants shorter, normal heads typical. No insect or disease damage. Specimen collected. Collection #2093. Seed.

PI 547169 to 547170. *Helianthus decapetalus* 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 547169 **origin:** United States. **collected:** September 20, 1989. **collector id:** DEC-2053. **other id:** Ames 12997. **source:** NC-7. **group:** Ames. **locality:** 0.2km east of Salineville, Hwy. 164S, roadside ditch, steep bank, edge of woods, chert slate slope, Columbiana County. **latitude:** 40 deg. 38 min. N. **longitude:** 80 deg. 39 min. W. **remarks:** Seed collected from 25 plants, small isolated population, about 40 plants. Past peak flower, seed set probably good, 5-10 seeds per head. Plant had typical *decapetalus* bracts, long and spreading. Leaves were somewhat larger and thicker than usual, but were in the sun. Leaf characteristics otherwise typical. Specimen collected. Collection #2053. Seed.