

PI 547185 to 547202-continued

PI 547189 **origin:** United States. **collected:** September 15, 1989. **collector id:** GRO-2028. **other id:** Ames 13017. **source:** NC-7. **group:** Ames. **locality:** Roadside ditch, edge of corn field, on top of bank, in clay soil. Hwy. 20W, 12km west of Rockford, Winnebago County. **latitude:** 42 deg. 16 min. W. **longitude:** 89 deg. 08 min. N. **remarks:** Seed collected from 40 plants, dense small population. More typical *H. grosseserratus*, longer stems. Several heads had "mum" type heads, multiple flowered. Close to peak flower time, few heads collected, probably good seed set. No disease present, but plants were young. Collection # 2028. Seed.

PI 547190 **origin:** United States. **collected:** September 16, 1989. **collector id:** GRO-2032. **other id:** Ames 13018. **source:** NC-7. **group:** Ames. **locality:** In rocky gravel soil, waste area by radio tower. Hwy. 251S, 26km south of Rochelle, Lee County. **latitude:** 41 deg. 43 min. W. **longitude:** 89 deg. 05 min. N. **remarks:** Seed collected from 50 plants, large scattered population. Some very large lower leaves in population. Purple stems, serrate leaves, larger diameter stems. Just peak flower. Some variation in leaf size and serration. Good seed set. No rust collected or seen. Some insect head damage. Specimen collected. Collection #2032. Seed.

PI 547191 **origin:** United States. **collected:** September 16, 1989. **collector id:** GRO-2035. **other id:** Ames 13019. **source:** NC-7. **group:** Ames. **locality:** Along edge of flowing stream, along old railroad right-of-way. Population scattered along 250m of creek. Hwy. 51S, 21km south of Rutland, Woodfork County. **latitude:** 40 deg. 48 min. W. **longitude:** 89 deg. 02 min. N. **remarks:** Seed collected from 35 plants. Typical large serrate lower leaves, taller plants, purple stems. Several plants were dead prematurely, along edge of stream. Some plants had *H. giganteus* characteristics, but not the general appearance. Just peak flowering, seed set good. No rust present. Specimen collected. Collection #2035. Seed.

PI 547192 **origin:** United States. **collected:** September 16, 1989. **collector id:** GRO-2037. **other id:** Ames 13020. **source:** NC-7. **group:** Ames. **locality:** In roadside ditch, edge of flowing stream. Hwy. 24W, 4.8km west of Chenoa, Livingston County. **latitude:** 40 deg. 44 min. W. **longitude:** 88 deg. 46 min. N. **remarks:** Seed collected from 20 plants, small group of plants. Plants tall, 2.5 meter, typical *H. grosseserratus*. Just toward peak flowering. Some insect galls, some leaf damage, but not diseases. Specimen collected. Collection #2037. Seed.