

PI 547175 to 547184-continued

- PI 547176 **origin:** United States. **collected:** September 13, 1989. **collector id:** GIG-2014. **other id:** Ames 13004. **source:** NC-7. **group:** Ames. **locality:** Roadside ditch, clay loam soil, moist, near mixed wooded area, 0.6km north of Seeley, Hwy. 63N, Sawyer County. **latitude:** 46 deg. 08 min. N. **longitude:** 91 deg. 21 min. W. **remarks:** Seeds collected from 3 plants, a small population. Plants tall, more typical *H. giganteus*. Plants have purple stems, branched above, flowering or just flowering. No diseases present or apparent insect damage. Population mixed with *H. maximiliani*. No seed collected from *H. maximiliani* because they were just flowering. Collection #2014. Seed.
- PI 547177 **origin:** United States. **collected:** September 01, 1989. **collector id:** GIG-2015. **other id:** Ames 13005. **source:** NC-7. **group:** Ames. **locality:** Roadside ditch along edge of mixed woods, sandy-loam soil, somewhat swampy, 4.8km west of Odanah, Hwy. 2E, Ashland County. **latitude:** 46 deg. 37 min. N. **longitude:** 90 deg. 46 min. W. **remarks:** Seeds collected from 40 plants, population probably had 100 plants. Plants typical of *H. giganteus* About 1 1/2 meters tall, branched above, just past flowering Anthocynan in some leaves, and most stems. No disease present or insect damage. Plants had typical rhizomes, enlarged with smaller tubers. Rhizomes collected for nursery, specimens collected. Collection #2015. Seed.
- PI 547178 **origin:** United States. **collected:** September 14, 1989. **collector id:** GIG-2016. **other id:** Ames 13006. **source:** NC-7. **group:** Ames. **locality:** Population scattered over 90m area, near edge of pine woods, along isolated, restricted roadside, in sandy soil, 22.4km north of Keshena, Hwy. 55N, Menominee County. **latitude:** 45 deg. 15 min. N. **longitude:** 88 deg. 36 min. W. **remarks:** Seeds collected from 35 plants. Plants typical for *H. giganteus*, about 2 m tall. Lighter yellow ray petals, some plants had all purple (anthocynan) color leaves, most stems were purple, and bracts on heads low cealate cilitate and spreading. Typical enlarged rhizomes with smaller tubers. Specimen collected. Collection # 2016. Seed.