

PI 547185 to 547202-continued

- PI 547197 **origin:** United States. **collected:** September 23, 1989. **collector id:** GRO-2081. **other id:** Ames 13025. **source:** NC-7. **group:** Ames. **locality:** In roadside ditch along swampy area. Small isolated population, near wooded area about 500 square meters. In clay soil. Hwy. 1S, 14.8km south of Trimble, Crawford County. **latitude:** 38 deg. 55 min. N. **longitude:** 87 deg. 42 min. N. **remarks:** Seed collected from 100 plants, small isolated population. Good seed set. Plants at peak of flowering. Typical *H. grosseserratus* plants, most plants branched above. *H. divaricatus* intermixed, both appear to be good species. *H. grosseserratus* scattered along road for several miles. Specimen collected. Collection #2081. Seed.
- PI 547198 **origin:** United States. **collected:** September 23, 1989. **collector id:** GRO-2083. **other id:** Ames 13026. **source:** NC-7. **group:** Ames. **locality:** In roadside ditch, in recently cleared area, large scattered population extending 150m along edge of soybean field, in clay soil. Hwy. 130S, 16.5km south of Newton, Richland County. **latitude:** 38 deg. 53 min. W. **longitude:** 88 deg. 05 min. N. **remarks:** Seed collected from 75 plants. Seed set good. Peak flowering. Plants had some *H. maximiliani* characteristics, folded leaves, but still serrate, spreading bracts, alternate leaves somewhat in whorls, but not as compact as *H. maximiliani*. Plants 2 meters tall, red stems. Specimen collected. Collection #2083. Seed.
- PI 547199 **origin:** United States. **collected:** September 24, 1989. **collector id:** GRO-2088. **other id:** Ames 13027. **source:** NC-7. **group:** Ames. **locality:** In roadside ditch along fence row. Intersection of Hwy. 36W and Hwy. 4N, Springfield, Sangamon County. **latitude:** 39 deg. 24 min. W. **longitude:** 89 deg. 39 min. N. **remarks:** Seed collected from 35 plants, small locally isolated population. Just past peak flowering. Good seed set. This population has some (many) characteristics of *grosseserratus*. Plants had serrated leaves opposite below, alternate above, red stems. tall plants, 2 - 2 1/2 meters, less compact leaf arrangement, branched above, narrow bracts. *H. maximiliani* and *H. annuus* found in general area next to population. Seed.