

PI 542776 to 542778-continued

PI 542777 **origin:** United States. **origin institute:** Indiana Agr. Exp. Sta., Purdue University, West Lafayette, Indiana 47907-1155. **cultivar:** HP72-11. **pedigree:** Derived from cross between dent corn inbred C103 and popcorn double cross followed by two crosses to popcorn single cross. Selection made primarily from South American and Early Yellow. **other id:** PL-156. **group:** CSR-MAIZE. **remarks:** Plant height 127cm and 51cm to ear bearing node. Days to mid-pollen-shed average 73 and to midsilk 77. Ears average 16cm in length with 12 rows of kernels and have good husk coverage. Kernels have yellow endosperm and are too small to make satisfactory seed parent (108 k/10 g). Pollen production dependably large. Cross (dent) sterile (Gal-s). Breeding Material. Seed.

PI 542778 **origin:** United States. **origin institute:** Indiana Agr. Exp. Sta., Purdue University, West Lafayette, Indiana 47907-1155. **cultivar:** HP68-07. **pedigree:** Derived from cross between dent corn inbred H60 and popcorn double cross followed by cross to popcorn single cross. Germplasm involved primarily from Amber Pearl and South American. **other id:** PL-157. **group:** CSR-MAIZE. **remarks:** Plant height 136cm and 62cm to ear bearing node. Days to mid-pollen-shed average 71 and to midsilk 73. Ears average 16cm in length with 14 rows of kernels. Kernels have yellow endosperm and are large enough to make satisfactory seed parent (88 k/10 g). Husk long tight, often reduces seed set. Pollen production fair. Cross (dent) sterile (Gal-s). Ht-1 present for resistance to northern leaf blight. Breeding Material. Seed.

PI 542779 to 542781. *Anthyllis vulneraria* subsp. *carpatica* (Pant.)  
Nyman FABACEAE

**Donated by:** Taylor, N.L., Univ. of Kentucky, Dept. of Agronomy, N-122 Ag. Sc. Bldg.-N, Lexington, Kentucky, United States; and Smith, R.R., ARS-USDA, Midwest Area U.S. Dairy Forage Res. Ctr., Univ. of Wisconsin, 1925 Linden Dr.-W, Madison, Wisconsin, United States. Received October 1989.

PI 542779 **donor id:** ST-8. **origin:** Yugoslavia. **collected:** August 1988. **collector id:** ST-8. **locality:** Side road from Coast Rd., 12km from Jurjevo, Route 6, Village Razbojiste, Croatia Republic. **elevation:** 710m. **received as:** *Anthyllis vulgaris*. Wild. Seed.

PI 542780 **donor id:** ST-16. **origin:** Yugoslavia. **collected:** August 1988. **collector id:** ST-16. **locality:** 17km, 600m from Jurjevo, Route 6, approx. 0.5km S of Krasno, Croatia Republic. **elevation:** 990m. **received as:** *Anthyllis vulgaris*. Wild. Seed.