

APPENDIX S1. NeighborNet split network based on a matrix of Rousset's (2000) inter-individual differentiation (triploid and tetraploid individuals highlighted in light and dark gray, respectively) and bar plot from Bayesian admixture clustering analysis (result of a typical run assuming independent allele frequencies in each population with  $K = 6$ ) showing clear distinction among all five species of *Hypochaeris* analyzed, as well as between the two southern populations and the northern population of *H. incana*. There is some indication of interspecific gene flow in populations 15558 and 15563 of *H. tenuifolia*. Abbreviations: Aca = *H. acaulis*; Hke = *H. hookeri*; Inc = *H. incana*; Pal = *H. palustris*; Ten = *H. tenuifolia*. Numbers are collection numbers (see Appendix 1).

