

**Appendix S10: Non-pruned species tree with local posterior probability scores** ASTRAL (Zhang et al., 2018) species tree including ingroup and outgroup for all samples (also species with multiple samples) with local posterior probability scores (LPP) showing the support for the main branch topology. The LPP scores can span from 0 to 1, where LPP = 1 indicates maximum support for the specific branch.

