



Fig. 2. The hypothesis of gall type evolution when gall types are treated as unordered and ancestral states are reconstructed on the MP(3:1) tree using accelerated transformations optimization. Figures of gall types with respective longitudinal or cross-sections are shown to the left of the tree.

Modified from:
 Nyman, T., Widmer, A. & Roininen, H. 2000. Evolution of gall morphology and host-plant relationships in willow-feeding sawflies (Hymenoptera: Tenthredinidae). *Evolution* 54: 526-533.