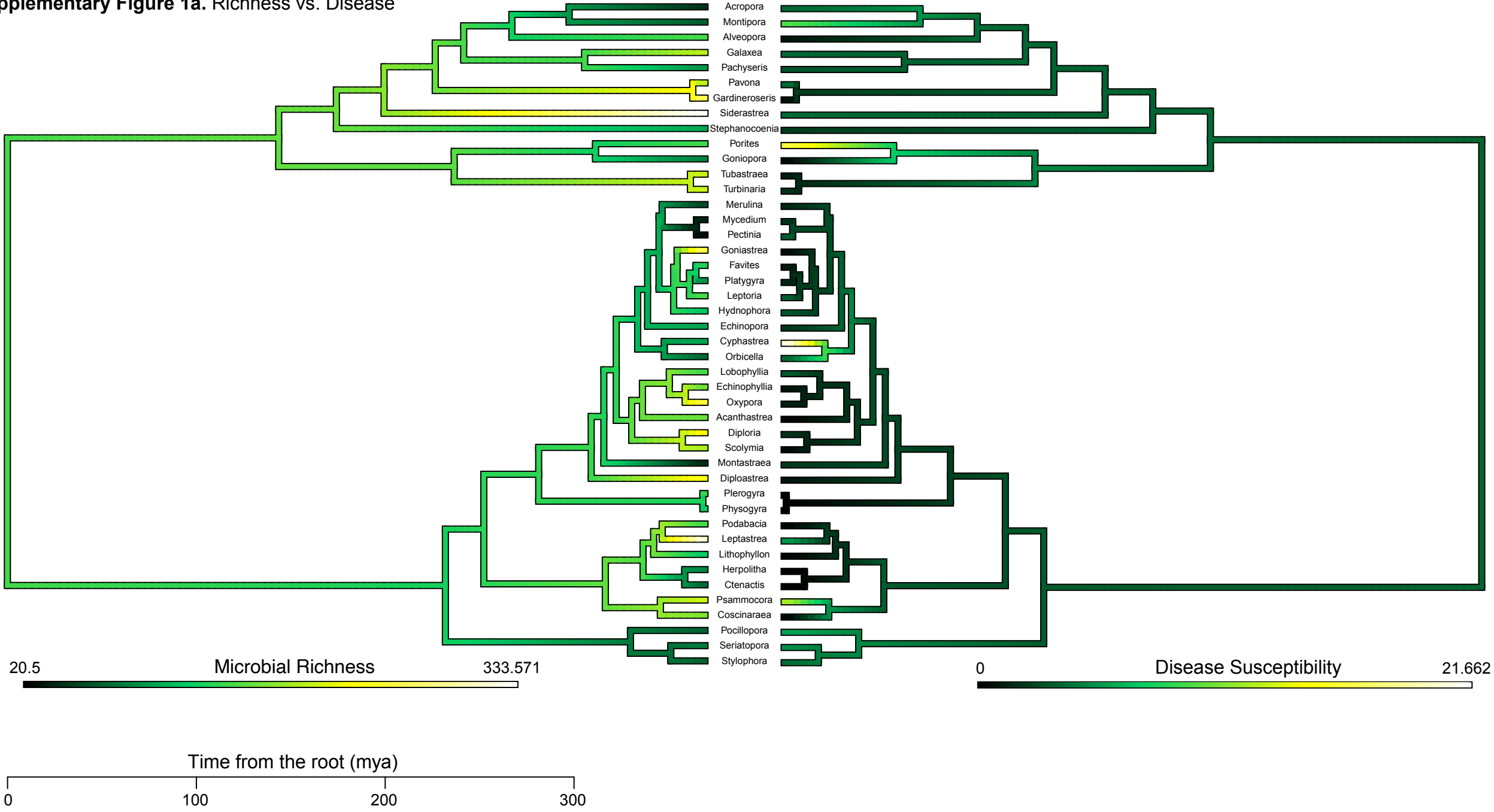
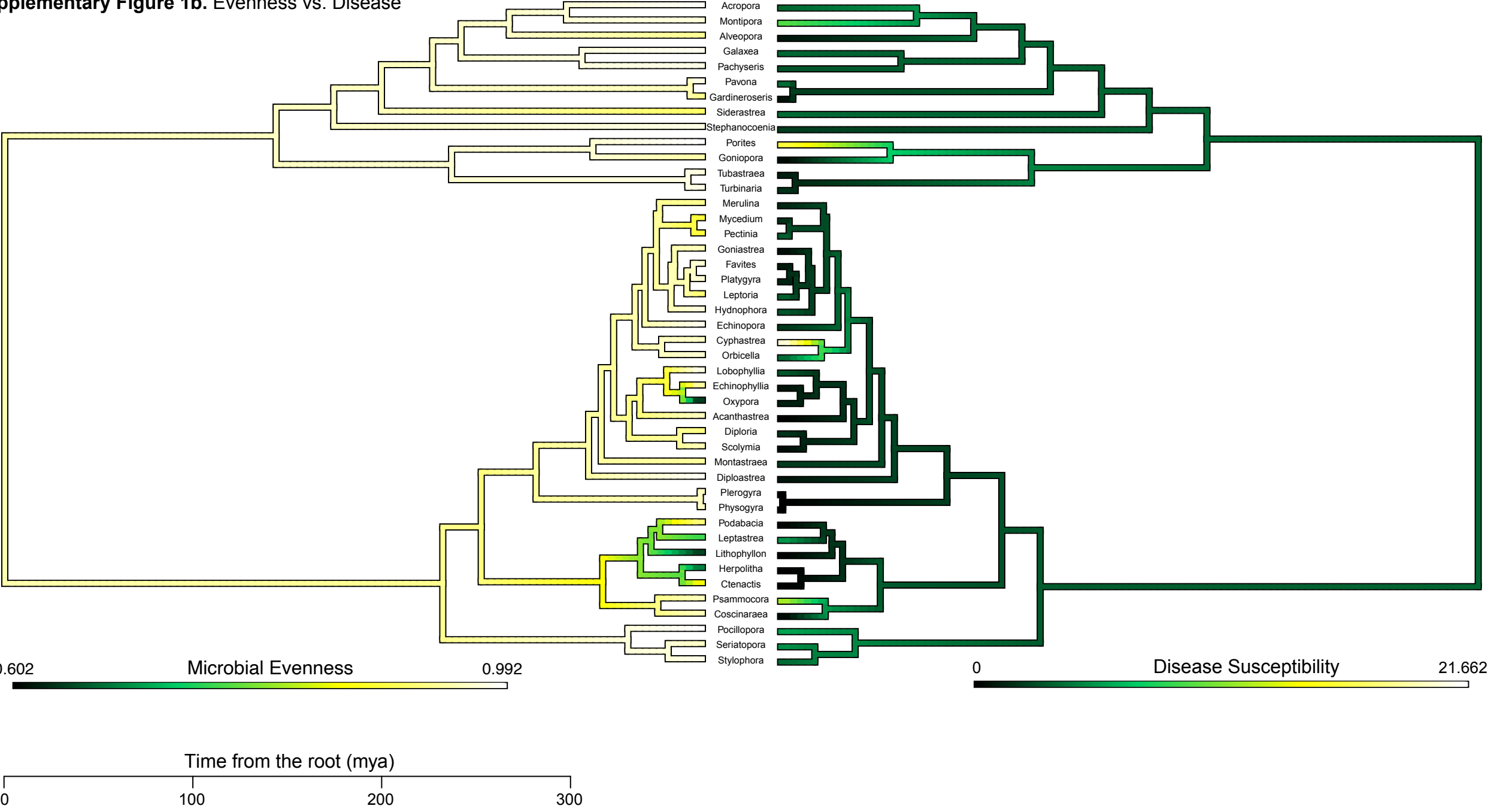


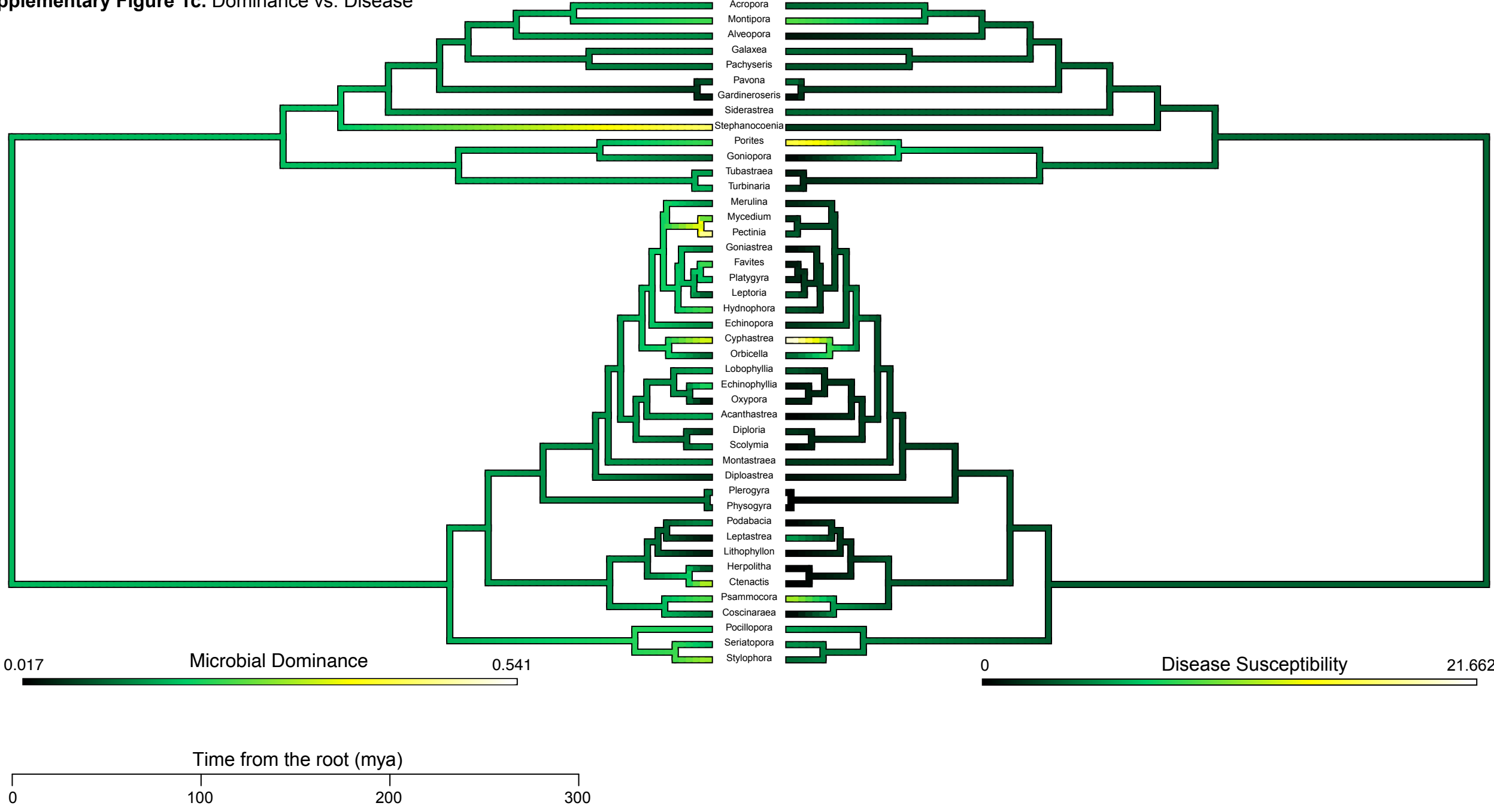
Supplementary Figure 1a. Richness vs. Disease



Supplementary Figure 1b. Evenness vs. Disease



Supplementary Figure 1c. Dominance vs. Disease



Supplementary Figure 1. Ancestral state reconstructions mirroring disease susceptibility and microbial alpha diversity metrics: a) microbial species richness, b) evenness (Gini Index), and c) dominance (Simpson’s Index).