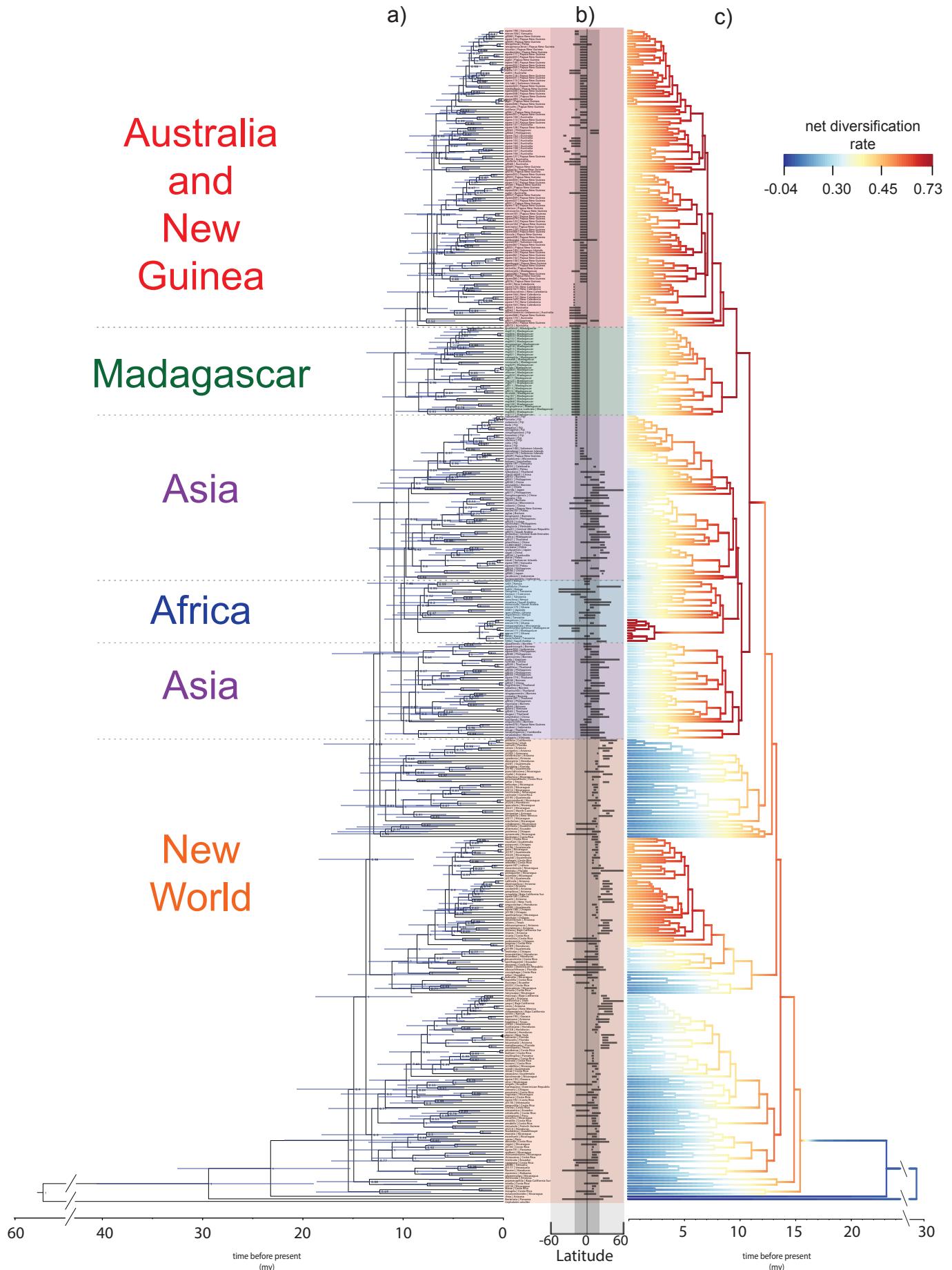**Figure S1 :** The global Pheidole phylogeny annotated with inferred diversification rate and latitudinal distribution. a) The maximum clade credibility (mcc) phylogeny inferred with BEAST, with nodes set to median ages. Node labels are posterior supports, node bars are 95% age distributions. b) Latitudinal extent of each *Pheidole* species and morphospecies on the tree. c) Median diversification rate inferred with BAMM across the same phylogeny (M sampling fraction assumption).