



Supplementary Figure 14: Projection of distributions onto map for different species. Panel (a) displays the average annual temperature, where all points reference the location of a sampling site. Panels (b)–(d) display examples of the projection into a map of the probability of occurrence for different species. The circles display the actual occurrences across sites, where the size of the circle represents the different abundance-dominance classes. The different values in the bottom-right corner of each panel display the posterior distribution mean and standard deviation of the model parameters for each species.