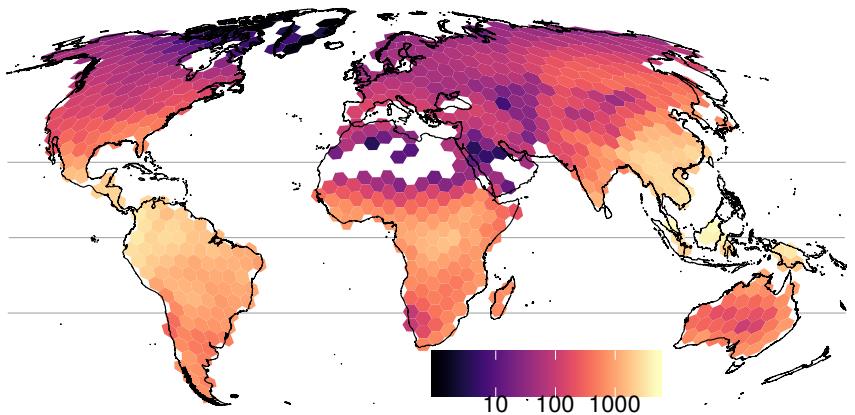
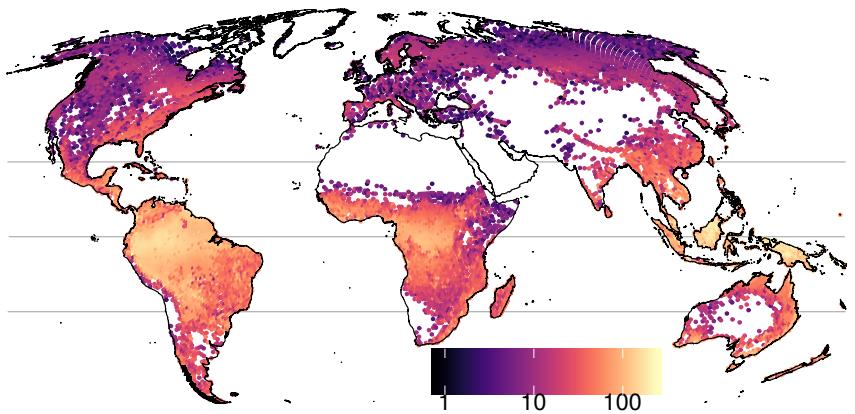


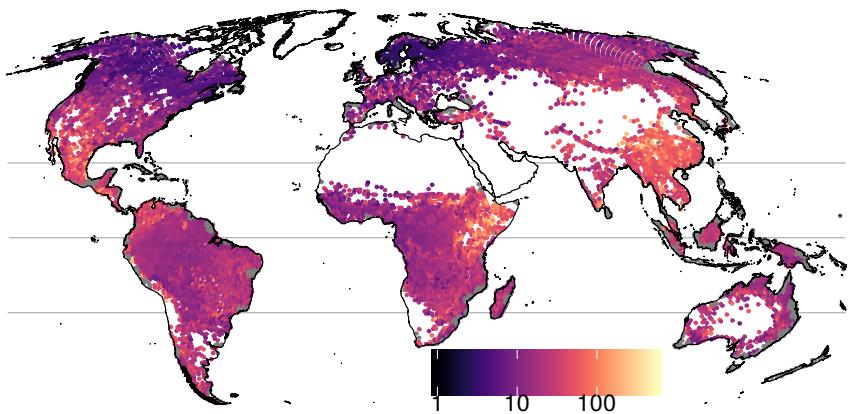
a \hat{S}_{hex} - predicted richness in 209,903 km² hexagons



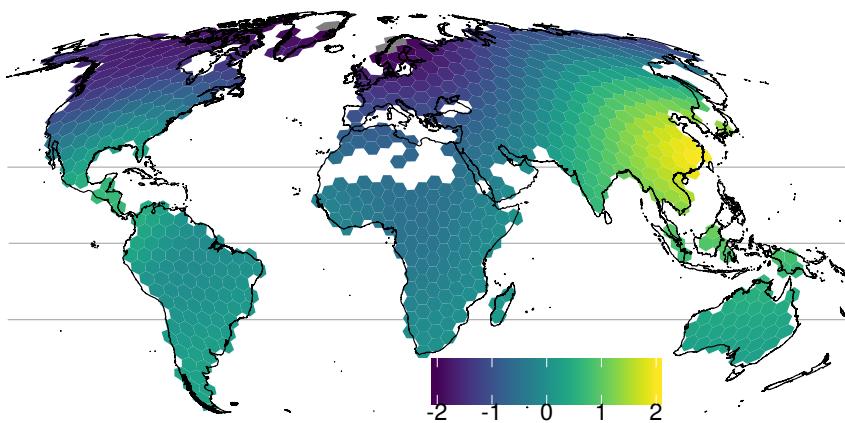
b \hat{S}_{plot} - predicted richness in 1 ha plots



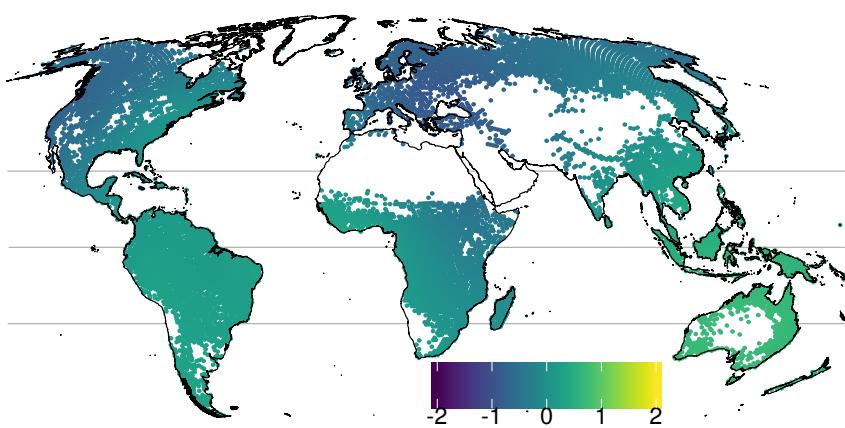
c $\beta = \hat{S}_{\text{hex}} / \hat{S}_{\text{plot}}$



d $s_2(\text{Lat}, \text{Lon})$ - smooth region effects in 209,903 km² hexagons



e $s_1(\text{Lat}, \text{Lon})$ - smooth region effects in 1 ha plots



f $\Delta = e^{s_2(\text{Lat}, \text{Lon})} / e^{s_1(\text{Lat}, \text{Lon})}$

