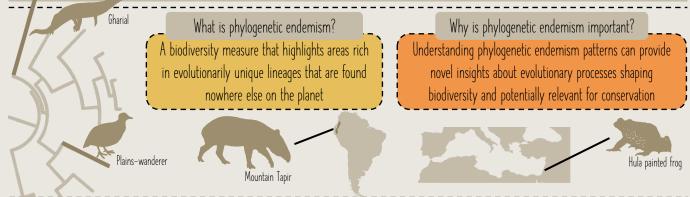
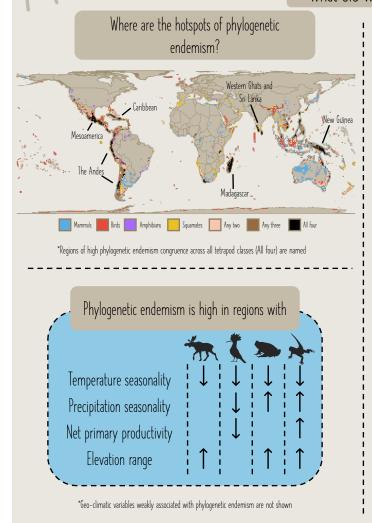
Global determinants and conservation of evolutionary and geographic rarity in land vertebrates



What did we find?



Phylogenetic endemism hotspots need better protection



Phylogenetic endemism hotspots are threatened by human activities



Phylogenetic endemism hotspots are threatened by climate change Rate of climate change is



160 times higher in hotspots than those same areas experienced historically, and will experience

18 times greater rate of climate change than non-hotspot regions

What does this mean for conservation?

Most phylogenetic endemism hotspots face a greater risk from both current threats and projected climate change, emphasizing the urgent need for strategic conservation to safeguard these regions



