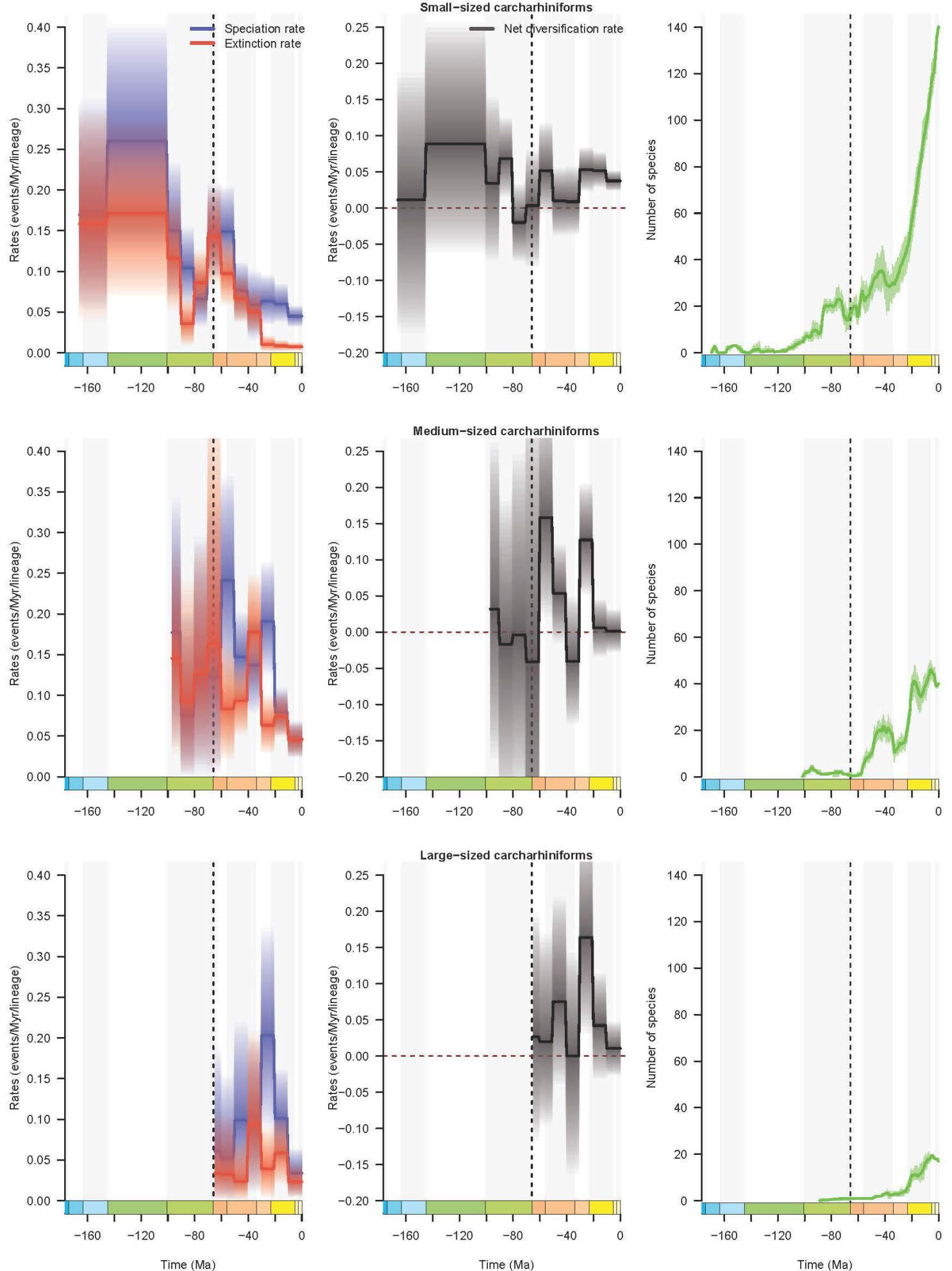




Supplementary Data S17. Diversification dynamics of three carcharhiniform classes based on tooth size (proxy for ecological niches) estimated with the fossil and phylogenetic dataset. Inferences of speciation (blue) and extinction (red) rates with analyses at the species level under the birth–death model with constrained shifts every 10 million years. The net diversification rates (black) are the difference between speciation and extinction rates (rates below 0 indicate declining diversity). Solid lines indicate mean posterior rates and the shaded areas show 95% HPD. The size-class diversity trajectories (green) incorporate uncertainties around the age of the fossil occurrences