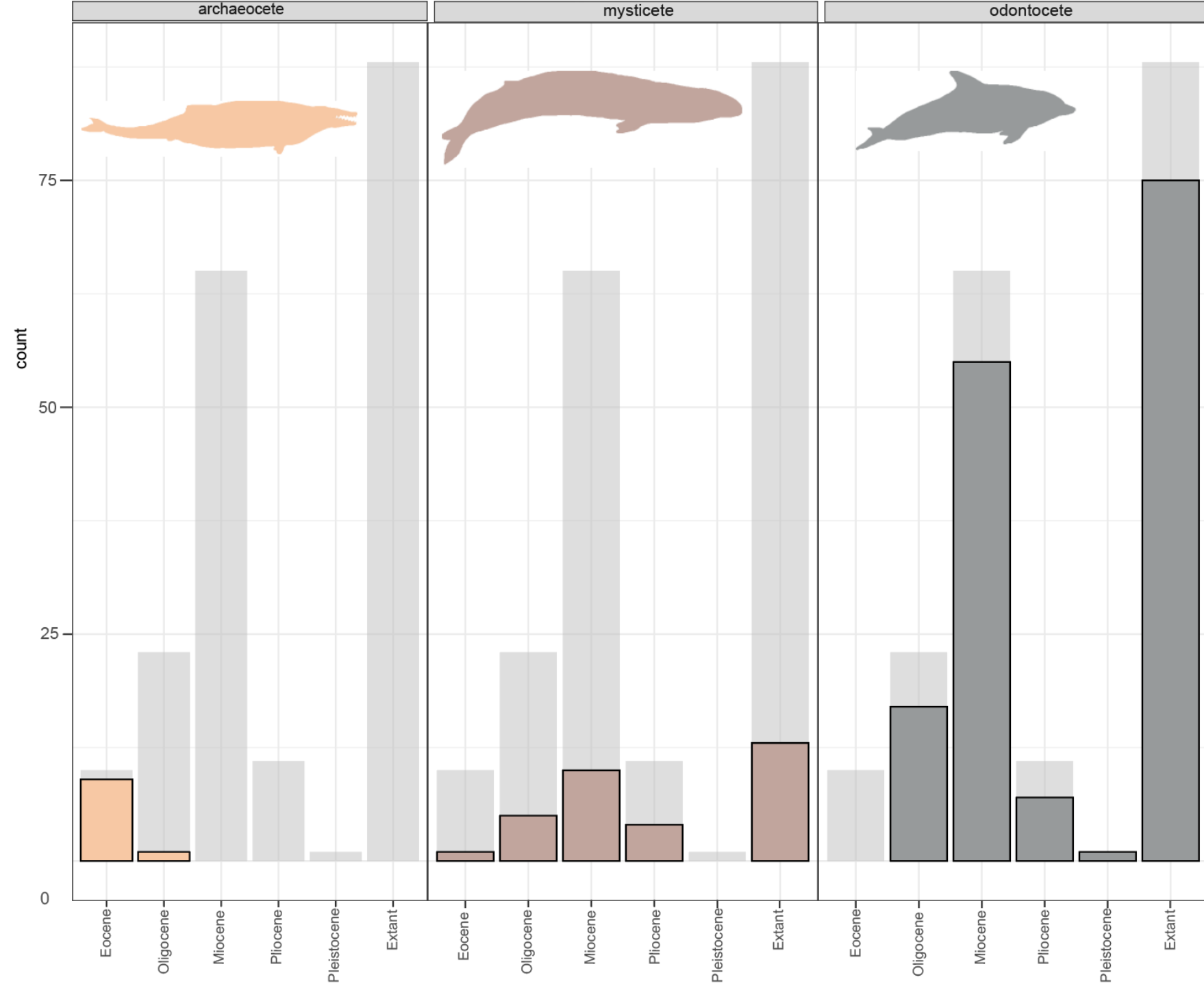
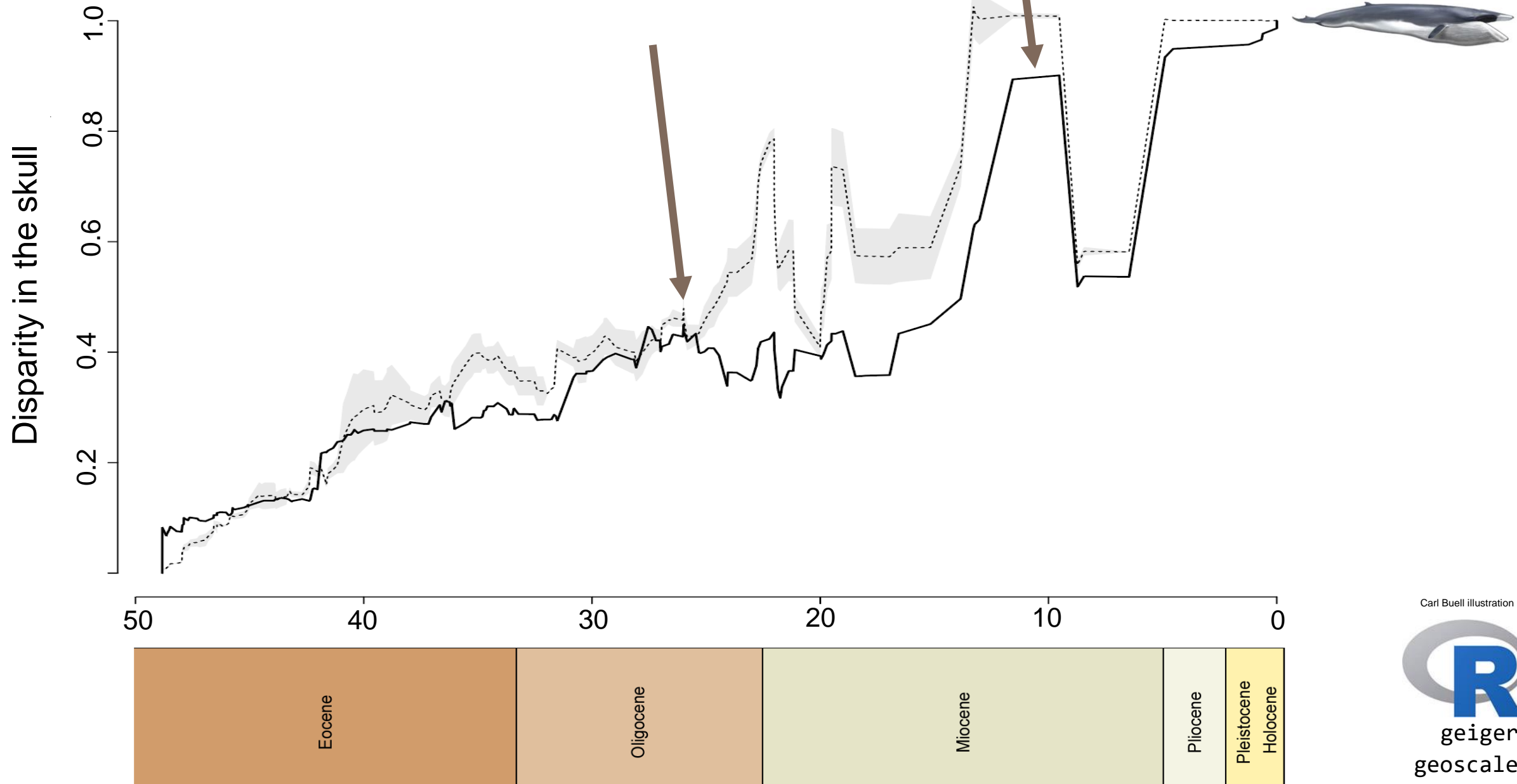


Romer questions



Skull disparity through time



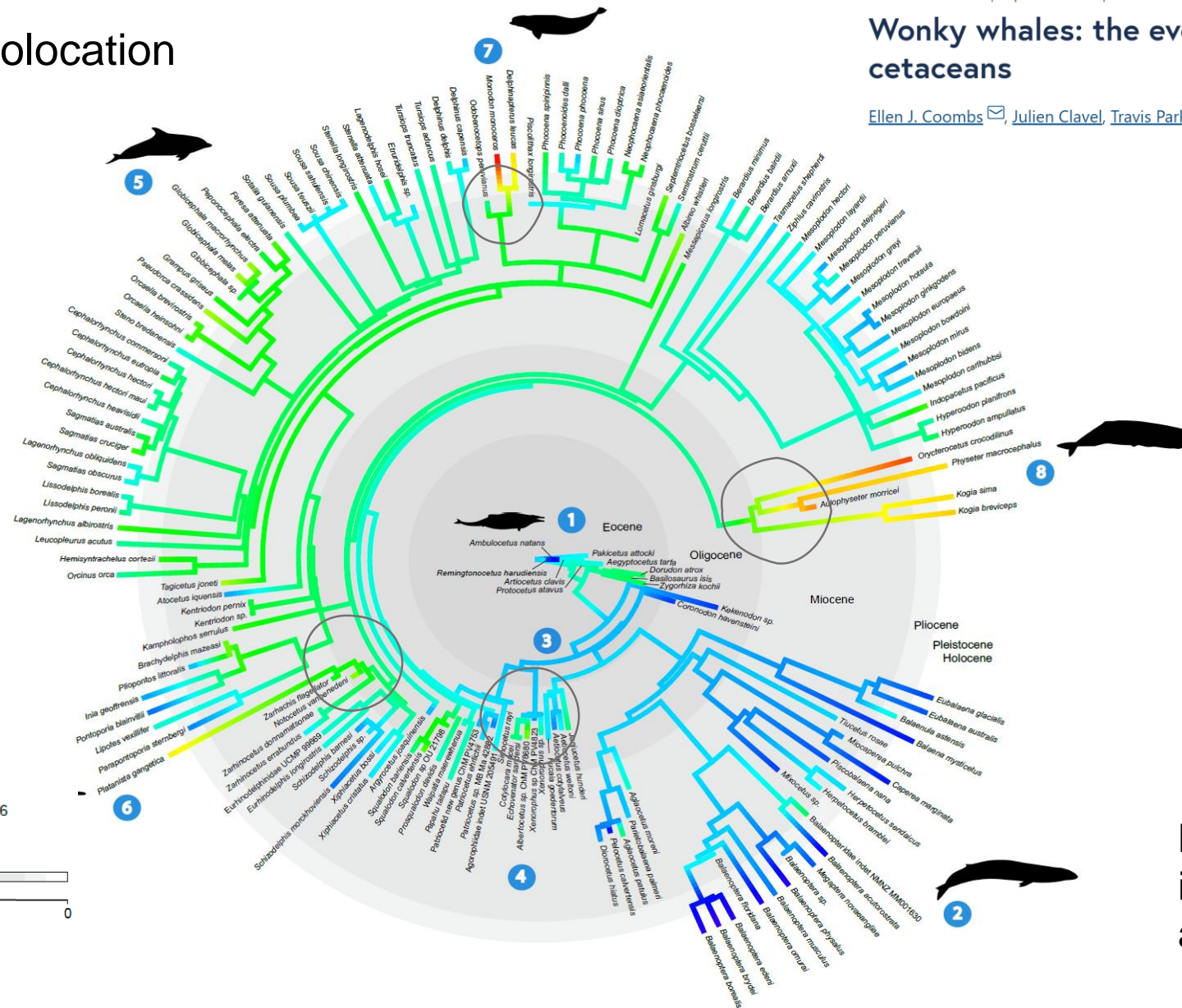
Carl Buell illustration

Asymmetry and echolocation

Research article | Open Access | Published: 10 July 2020

Wonky whales: the evolution of cranial asymmetry in cetaceans

[Ellen J. Coombs](#) , [Julien Clavel](#), [Travis Park](#), [Morgan Churchill](#) & [Anjali Goswami](#)



Most shifts and jumps in the Mid-Oligocene and Miocene

