

Mayfield & Levine (2010)

1. What is “phylogenetic niche conservatism” and why is it important for this paper?
2. Do we really need Figures 1-2? What about 3 and 4?
3. What are your thoughts about the competition-relatedness hypothesis? Was Darwin completely wrong?
4. Page 1088, paragraph 4. Which comes first during community assembly: abiotic filtering, competition, or other biotic factors?
5. Is phylogenetic community structure now dead based only on this narrative argument?

Korb & Foster (2010)

1. Page 755. “... competitive exclusion may promote more cooperative over less cooperative species that have been weakened by internal conflicts. We know of no direct tests of this potentially important interaction.” Really? In 2010?
2. Page 755. “ in *C. domesticus* there is overt conflict over royal replacement and around 40% of the workers develop into new reproductives (Lenz et al. 1985). These then fight to the death until a single pair of reproductives remains.” !! How is this extravagant waste an evolutionarily stable strategy?
3. Do you think this study could be done with humans? Would anyone even be willing to study human behavior in relation to competition?
4. Could it be argued that behavior has a bigger impact than competition?
5. Does eusociality (as in termites) change the way we should think about competition and cooperation?
6. Fig. 2 (a) someone walk me through this. Someone else: Ditto for (b).