

Philosophy 3334 Summer 2018
Reading questions #5
Due Tues, June 12th

- 1) Read Chapter 9. It turns out that in a great many species (not all) there are roughly equal numbers of males and females born every generation. What is the basic explanation for why this is true?

- 2) Read Chapter 10. The social interaction between two birds who have parasites on their heads can be characterized by Evolutionary Game Theory. Dawkins calls the two strategies 'sucker' and 'cheat' (here we imagine they just meet once and play – so 'grudger' is not a possible strategy). Is either strategy altruistic? Why? Which of these strategies, if either, is an ESS? Explain why.

- 3) After reading the chapters, come up with a question that you want answered or a topic that you would like to be discussed. This could be something that the chapters forced you think about or it could be something that you thought was particularly confusing in the chapters.