Homework three

For Wednesday

A bit of History: Skim the following paper, paying particular attention to the problems Gould and Lewontin felt were plaguing evolutionary thinking at that time. Also be able to describe the blue bird experiment that the authors feel is a good example of problematic work on adaptation. The Spandrels of San Marco and the Panglossian Paradigm: A Critique of the Adaptationist Programme. STEPHEN JAY GOULD AND RICHARD C. LEWONTIN Link to a pdf download of this paper can be found on the schedule.

For Friday

A more in depth look at how to recognize “true adaptation”. Skim Chapter 10, from page 270 of Ridley

Be ready to discuss questions found on the lecture guide to adaptation.