

What do I need to know for the exams?

(I am speaking for my own (Hargreaves) lectures only)

Unless I said otherwise, **everything from lectures (slides + talking) & pre-lecture work is fair game**

That said, here are some studying recommendations:

- 1) Text on slides is what I wanted to make sure I told you – start there
- 2) Memorizing the slide text & diagrams is not enough – you need to understand how the parts link together (including across lectures) which means having listened to lectures and studied them on your own
- 3) The more often a topic came up, the more likely it is to come up on exams (eg alternation of generations, benefits and costs to colonizing land)
- 4) While everything is fair game, I'm not out to trick you with trivia. Eg I am much more likely to ask *'Gilboa trees were the first tree-like plants. Name two morphological features that distinguish them from modern trees'* than *'Name the first-tree like plant and the geological period it evolved in'*. Focus on concepts and core knowledge goals before details
- 5) Core knowledge goals (ie you will definitely get questions on these topics):
 - what distinguishes the major groups of organisms from each other (eg what makes a fern a fern and not a moss/conifer/archaea/daphnia)
 - Key innovations – what they accomplished, why and how
 - Impact of new taxa/innovations on the Earth's landscape & ecosystems