Popper questions:

Does Popper consider statistics in his deductive method? Or does he only accept yes or no answers?

Platt clams that he method of ‘strong inference’, which is based on Popper’s ideas is the fastest way to make progress in science. Do you agree?

Quinn & Dunham questions:

What did they think about the testing of hypothesis in ecology?

What is the problem with null hypothesis in ecology where many mechanisms interact to create a pattern?

Which approach do they suggest? And is this approach inductive or deductive?

Roughgarden questions:

Do you think Roughgarden is right in saying that we use the same approach to science as we do in everyday life? Or do you think Popper is right that we need to use the hypothetico-deductive approach?

Which error type is more important: think about the effect of radioactive fallout – when studying the effects of it do you rather make a type I or type II error?

What is the purpose of models in ecology?

Hutchinson questions:

What is Hutchinson asking ecologist to do?

Which method is Hutchinson using inductive or deductive?
At which stage of the hypothetico-deductive process could this paper be placed?

What are the increases and what limited of diversity?