Both the lecture and the reading passage discuss the possibility of existence of bees on Earth as early as 200 million years ago. Considering this, the reading claims that it is not possible that bees existed in that early time. The professor, nevertheless utterly denies whatever mentioned in the passage through citing three reasons.

First, both the reading and the lecture talk about the fossil existence of actual bees. The reading goes on to mention that since there is no evidence or fossil from actual bees from 200 million years ago, it is not possible that they existed that time. The professor, however rejects author's view, and brings up an idea that there is no fossil of actual bee since there was not any liquid from tree to preserve body of the bees and make fossil from them, and it does not necessarily means that there was not any bee at that time.

Second, both the reading and the lecture talk about absence of flowers during that historical period. The author claims that, there is no evidence for existence of flowers that time and because the life of bee depends on flowers, no bee existed that time. The professor, conversely refutes author's view by stating that there is a possibility that bees fed on different non flowery plants such as Ferns. Consequently, bees may be existed before flowers appeared on Earth.

Eventually, both the lecture and the passage discuss lack of some details in fossilized structure found in Arizona. The author goes on to mention that the fossilized structure is made by different insects except bees because of lack of some details in comparison with modern bee nests. The lecturer, on the other hand has exactly the opposite view in comparison with that mentioned in the passage. She describes that bees produced some kind of special water proof substance that is the same as the material that is produced by modern bees. As a result, it suggests that this fossilized structure were made by bee and not any other kind of insects