Below are questions that you should be able to answer after today's lecture:

**Topic: Interactions Within Communities and Ecosystems**

**Compositional, structural, and functional attributes of biodiversity - Klamath National Forest as an example**

1. There are major 3 attributes of biodiversity that should be considered in any system when developing conservation and monitoring strategies. Describe these 3 attributes and give an example of indicators for monitoring these attributes at the following levels of organization: genetic, population-species, community-ecosystem, and landscape (NOTE: see p. 28-29 in your book if you need help with this question.)

2. How are compositional and functional diversity linked to structural diversity? Include examples with your answer.

3. What was the general approach of the Klamath National Forest in conserving and monitoring biodiversity? What are some of the indicators they used?

You can get more indepth information to answer this question from the following paper which is on the web reading list for WIS5555: