

Introduction to Ecology Week 4 Lesson Plan

Friday, September 16, 2016, 1:45-3:15 PM

And God gave Solomon wisdom and understanding beyond measure, and breadth of mind like the sand on the seashore, so that Solomon's wisdom surpassed the wisdom of all the people of the east and all the wisdom of Egypt. For he was wiser than all other men, wiser than Ethan the Ezrahite, and Heman, Calcol, and Darda, the sons of Mahol, and his fame was in all the surrounding nations. He also spoke 3,000 proverbs, and his songs were 1,005. He spoke of trees, from the cedar that is in Lebanon to the hyssop that grows out of the wall. He spoke also of beasts, and of birds, and of reptiles, and of fish. And people of all nations came to hear the wisdom of Solomon, and from all the kings of the earth, who had heard of his wisdom. - 1 Kings 4:33

Students will have studied the Palouse bird list in a field guide or here:

<https://www.allaboutbirds.org/guide>

- Prayer
- Brief bird/tree/vocabulary quiz: quiz will be sent via email on Monday
 - a. Fossorial
 - b. Palouse prairie –
 - c. Latah
 - d. Ecology
 - e. Biotic/abiotic
 - f. Niche
 - g. community
- Explore western region
 - While we walk; how would you describe the part of the riparian zone and river floodplain we have spent time in so far
- Pocket gopher – re-set traps next week
 - Where should we set traps
 - Talk about wildlife biology: is it ok to trap and kill animals in this way; could we have done something different; how we do study animals today
 - Talk about the history of wildlife biology – study skins, museums
- Continue plant identification and start insect ID: head further West, practice from last week and find new; Rose gall; explored wetland; talked about restoration; talked about what has changed over the last few weeks – drying out more; cracks in field, colors changing; talked about forest succession – what will happen 50 years from now. What will the riparian zone, forest will grow up; willow exploration