

THIS WEEK IN BI 101

PORTFOLIO #2 IS DUE MONDAY NOV. 3 BY 5:00 P.M., I3I WNGR

TUESDAY LECTURE



Taiga and Temperate Forests
Varied forests, climate charts, and forest issues.

THURSDAY LECTURE



Tropical Forests
Rainforests, biodiversity, and organism interactions.

RECITATION



Campus Conifers
Identify various coniferous trees located on the OSU main campus.

LABORATORY

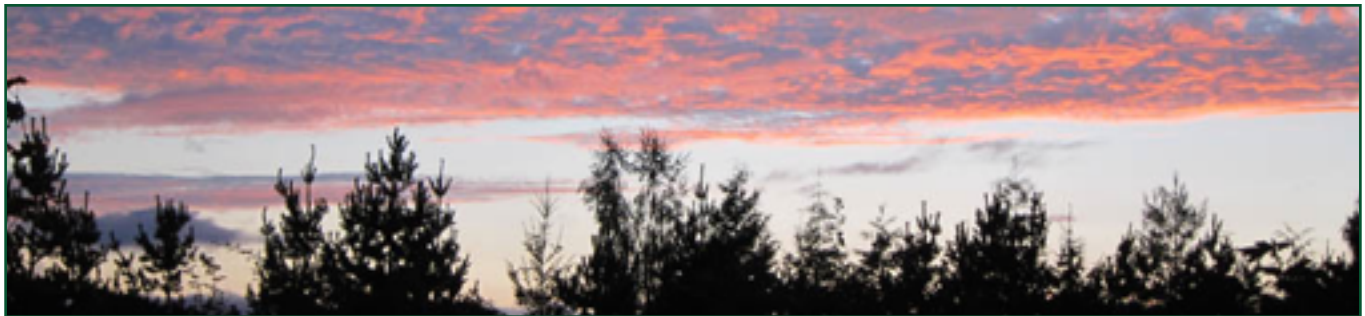


Trees
Explore the classification, structures, and functions of trees.

ON-LINE READINGS



Temperate Forests; E.O. Wilson
Forest basics and a proposal from a famous biologist.



Its Forest Week ...

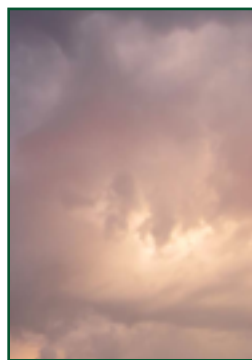
Work Ahead for Tuesday's Lecture

Read "Temperate Rainforests" and answer the following questions.

Describe the climate (temperature and precipitation) of a temperate rainforest.

Epiphytes are plants that grow on _____.

Besides epiphytes, list three organisms you could expect to see in a temperate rainforest.



Campus Field Trip in Recitation this week, dress for the weather

Work Ahead On-Line Readings

What organisms did E.O. Wilson originally study?

Provide two examples of biodiversity from the talk.

What is E.O. Wilson proposing we do related to biodiversity (what is his big idea)?

Work Ahead for Recitation

In the **activity manual**, read over *Campus Conifers* to answer these questions.

Look at last year’s exam #2, question 36 (Appendix D). This is an image of leaves from a conifer with “scale-like” leaves, which is either a Cedar (“False Cedar”) or a Sequoia. In this case its a cedar because the leaves are flatter, and you will feel the difference in recitation. From the activity, page 97, if the leaves are not scale-like, they are _____, which will include the leaves of pines, firs, and spruces.

If we say needle-like leaves are attached in a “bundle,” what does that mean?

Work Ahead for Laboratory

In the **activity manual**, read over *Trees* to answer these questions.

On p. 99, Station A question #1, fill in the first two blanks based on what you learned in last week’s lab.

On p. 101, Station C, question #1, read over the definitions for heartwood, sapwood, and cork cambium and label the photo. Check your answers in this week’s lab.

Study Hint:

The second exam covers weeks 4, 5, and 6. Often it is hard to recall material learned during the hectic middle of the term, start studying week 4 material now.



From page 103, explain the difference between earlywood and latewood.

Exam #2 is next Monday, Nov 10, 7:00 - 7:50 p.m.

Bring your photo ID, #2 pencil, and eraser. [Room assignments](#) are posted at the course website.

Forest Biomes



Taiga Boreal Forest



Temperate Coniferous Forest



Temperate Deciduous Forest



Temperate Rainforest



Tropical Rainforest