## **Introduction to Ecology Week 8 Lesson Plan**

Fridays, Oct. 14, 2016, 1:45-3:15 PM

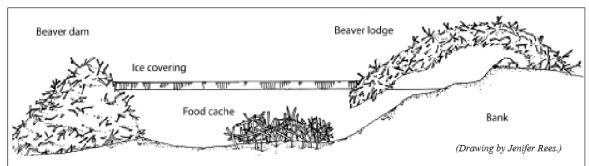
**Beaver Camera Mounting** 

## Objectives:

- To identify good locations for and mount two web-cams to record riparian zone wildlife
- To discuss plant cold-weather/winter adaptations and look for examples in our study site

## **Assignment**

1. Read beaver article: http://wdfw.wa.gov/living/beavers.pdf



**Figure 3.** Like many rodents, beavers construct nesting dens for shelter and for protection against predators. These may be burrows in a riverbank or the more familiar lodges built in the water or on the shore (shown here). However, the basic interior design varies little and consists of one or more underwater entrances, a feeding area, a dry nest den, and a source of fresh air.

- When the surface of the water is frozen, beavers eat bark and stems from branches they have anchored to the bottom of the waterway for winter use (Fig. 3). They also swim out under the ice and retrieve the thick roots and stems of aquatic plants, such as pond lilies and cattails.
- Food caches are not found consistently where winters are comparatively mild, such as in the lowlands of western Washington.