

Filling Tubes w/ Tissue – At a foray with multiple helpers

1. Take the next open tube and its corresponding data slip. The first number on the strip should match the “Plate #” and the second number on the tube should match the “Strip #.”
2. Put the tube in an empty rack.
3. Grab a set of tweezers.
4. Grab the next eight samples from the box. Keep them in order and write the eight numbers from the samples on your data slip. Top to bottom.
5. Open the tube on the far right of the strip. Take a very small piece of tissue from each specimen and place it in the tube strip **from right to left**. A1 is the tube on the far right of the strip. H1 is the first tube in the strip. You can use your tweezers as a knife to cut the sample to a smaller piece on paper if it needs to be smaller.



If you can see the tissue in the tube, that is enough. More tissue is not better. Make sure the amount of tissue is small enough to fall to the very bottom of the tube. If it is a gilled mushroom, just take one piece of gill. No need to have portions of multiple gills.

6. Contamination is not generally a concern. You only need to wipe your tweezers if the sample is sporulating excessively or there is remaining tissue on the tweezers. The primary concern is getting tissue from the right specimen in the right tube.
7. After you put the sample in the strip, close the tube and open the next tube in the strip to the left. This will help you to always keep track of which tube you are on.
8. Place the specimen bag upside down next to your work area. Stack them up in order as you go through the samples.
9. Once all tubes in the strip are filled, return your finished specimens to the completed area in the correct order.
10. Return your completed strip to the appropriate rack and return your data strips to the stack next to it.
11. You are now ready for the next strip.