

Lichen Study and Course Review – Day 5

Biology

Today you will test out your experiments to see if you can create some dyes with lichens. As you conduct your tests, make sure that you do the following (individually, in case your partner is absent on a future day):

- a) Carefully document all of the steps you took – as they will likely be different from what you proposed in your prior work
- b) Take pictures, if you can, or make drawings and diagrams to illustrate your methods and results
- c) Make detailed written observations of what you see as a result of your experimentation, including the names of the lichens you tested.

When you have completed all of your experiments, you and your partner should add a new slide to the Google Slides document you started. The new slide should meet the following criteria:

1. A title that describes what your slide is discussing. (1 point)
2. A short description of your overall goal with your experimentation. (2 points)
3. Careful descriptions of all of the methods you used to test the various lichens, including the names of the actual lichens you tested. (2 points)
4. Relevant pictures or drawings – preferably pictures you took of your actual experiment. If you include pictures from the internet, they should be properly captioned. (2 points)
5. Proper spelling, grammar, and punctuation – for lichens, use the scientific name, which should be in italics, with the first word capitalized and the second word lowercase; for example, *Usnea subfloridana*. (1 point)
6. Your slide should be attractive, well-designed, easy to read, and uncluttered. (2 points)

When you and your partner are done with your slide, turn in your revised document through Showbie (only one of you needs to turn it in).