1. Lichen reproduction

2. Statistical analysis
   · Summary tables
   · Graphs
   · T-test ✱

1. Pick two of [that show differences in lichen amounts] your 2nd factor categories.

2. Pick one lichen. [the most extreme difference]

3. Make a data table. →

4. Find the average

5. "=t.test(B3:B11,C3:C10,2,3)"

branch size {

second factor

amount of parmelia →

small	large
17	12
8	7
11	32
14	

Average: 13.2 | 21.6

T-test tells you:

Are the differences I see likely to be <u>real</u> or could they just be <u>random</u>?

$\# \leq 0.05$ probably real

$\# > 0.05$ could be random