

Tuesday, January 22, 2019

WARMUP:

- Get the warmup sheet from the stool up front. Brainstorm answers to the questions listed.
 - (pg 1 in the ISN)
 - HINT – there is NO wrong answer

REMINDERS:

- You need a NEW composition notebook today 😊

Brainstorming: Get those brain cells warmed up!

On page 2 of the NEW ISN...

Create a list of qualities (characteristics) that living things MUST have

Now choose and circle the 10 you feel are the MOST important

These will be used on your data sheet for our next activity

Living or Non....That is the Question



OBJECTIVE:

- ◆ In this activity you will observe and compare unknown specimens in order to compile a list of what characteristics you believe living things have to have. The list will allow you to compare these specimens and then help you to determine whether each is living, non-living, or dead. Finally, you should also be able to use your data to decide which characteristics ALL living things must have.

What to do as you observe the unknown specimens...

- ◆ **Make observations:** Really observe each unknown specimen. Remember, observations mean using all your senses (*when appropriate*). Do not let your preconceived idea of what the unknown specimen might be, but really observe it! Take a moment to write a brief description of the item above the unknown specimen's number.
- ◆ **Follow Directions:** Some unknowns may have special instructions, be sure to follow those exactly.
- ◆ **Mark an "X."** Now, using your list of characteristics, place an "X" in the corresponding column in the data table IF you think that unknown specimen has that characteristic. It doesn't matter if you are ultimately correct in your understanding of what you observed. As long as you can defend why you selected the characteristic you did, you fulfilled the purpose of the lab!
- ◆ After you have made all of your observations, review the data you collected, and in the bottom row of the table, indicate whether you believe the unknown to be *Living (L)*, *Nonliving (NL)*, or *Dead, (D)*.

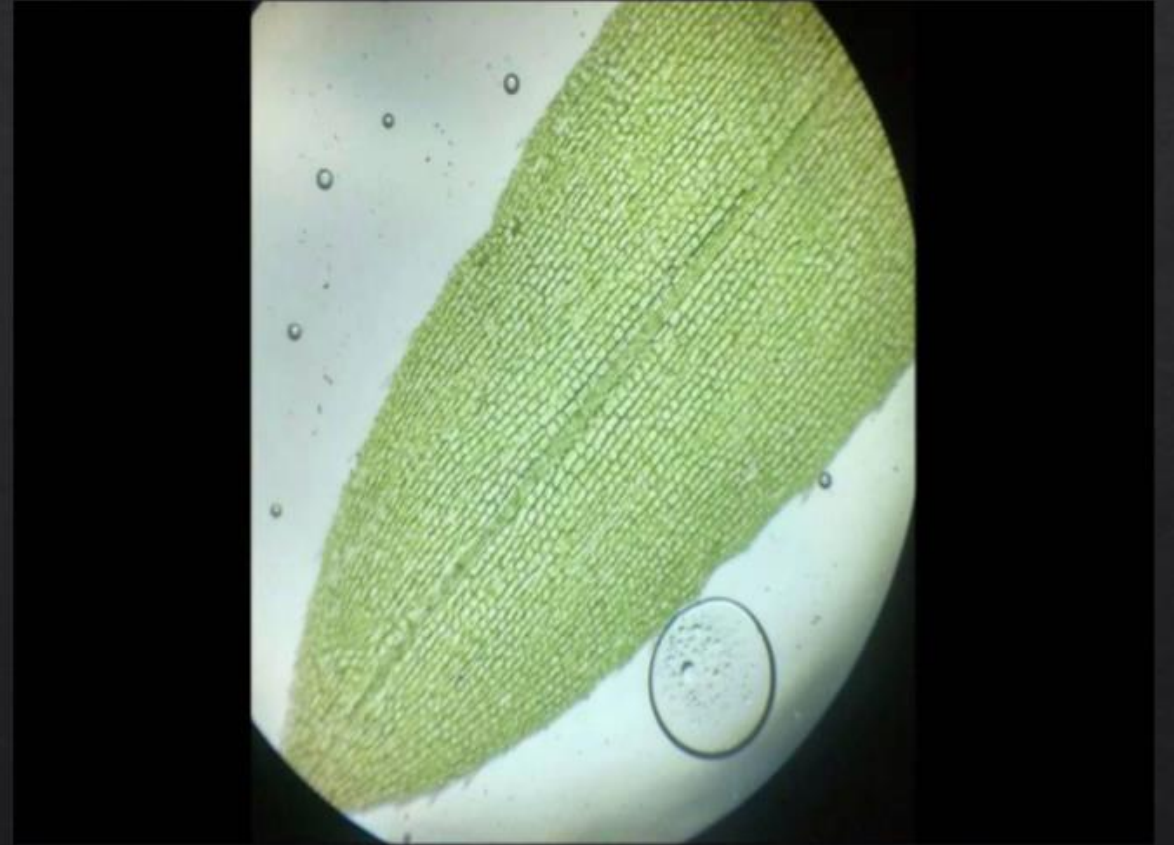
Specimens 1-3



Specimens 4-7



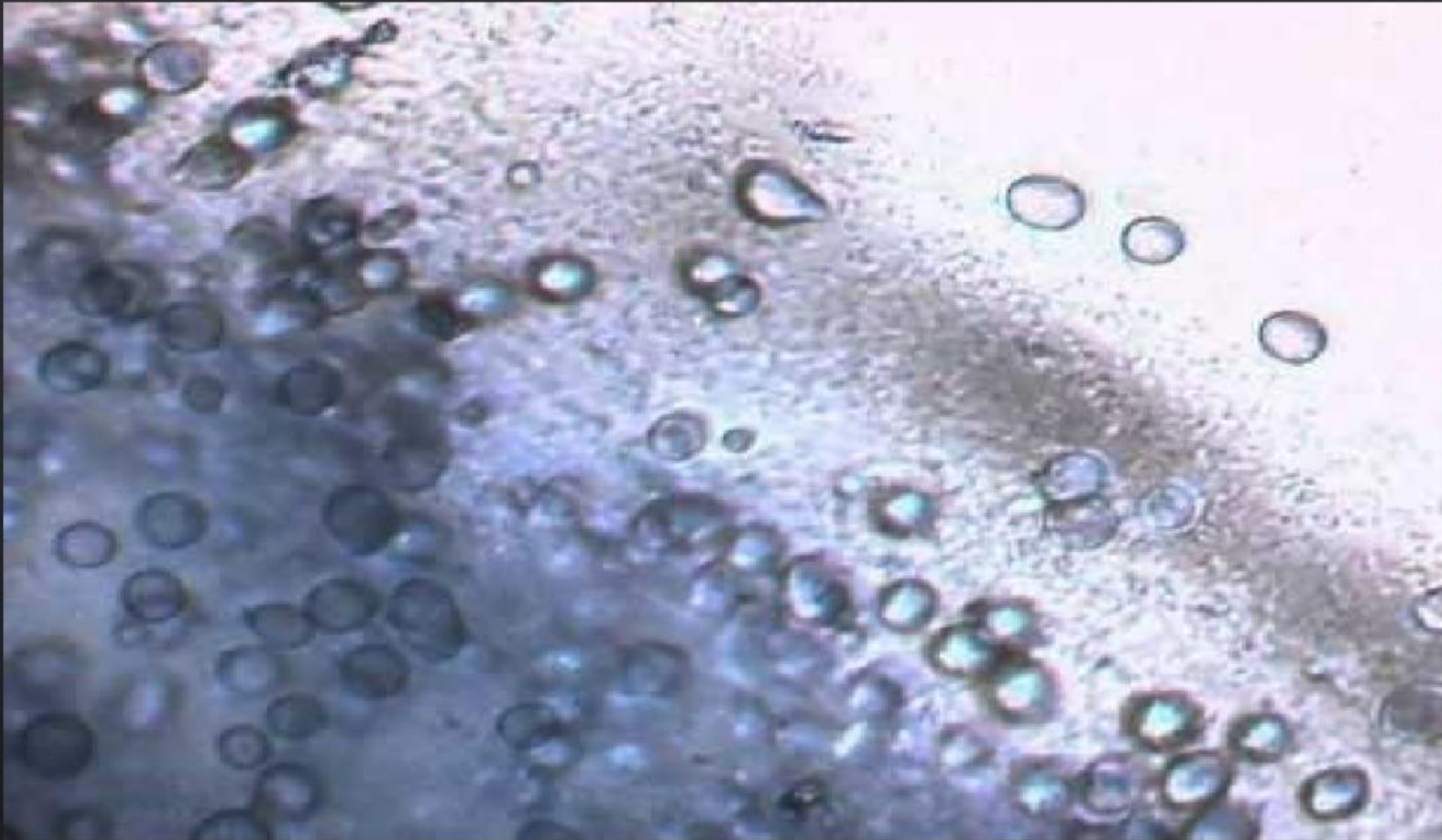
Specimens 8-9



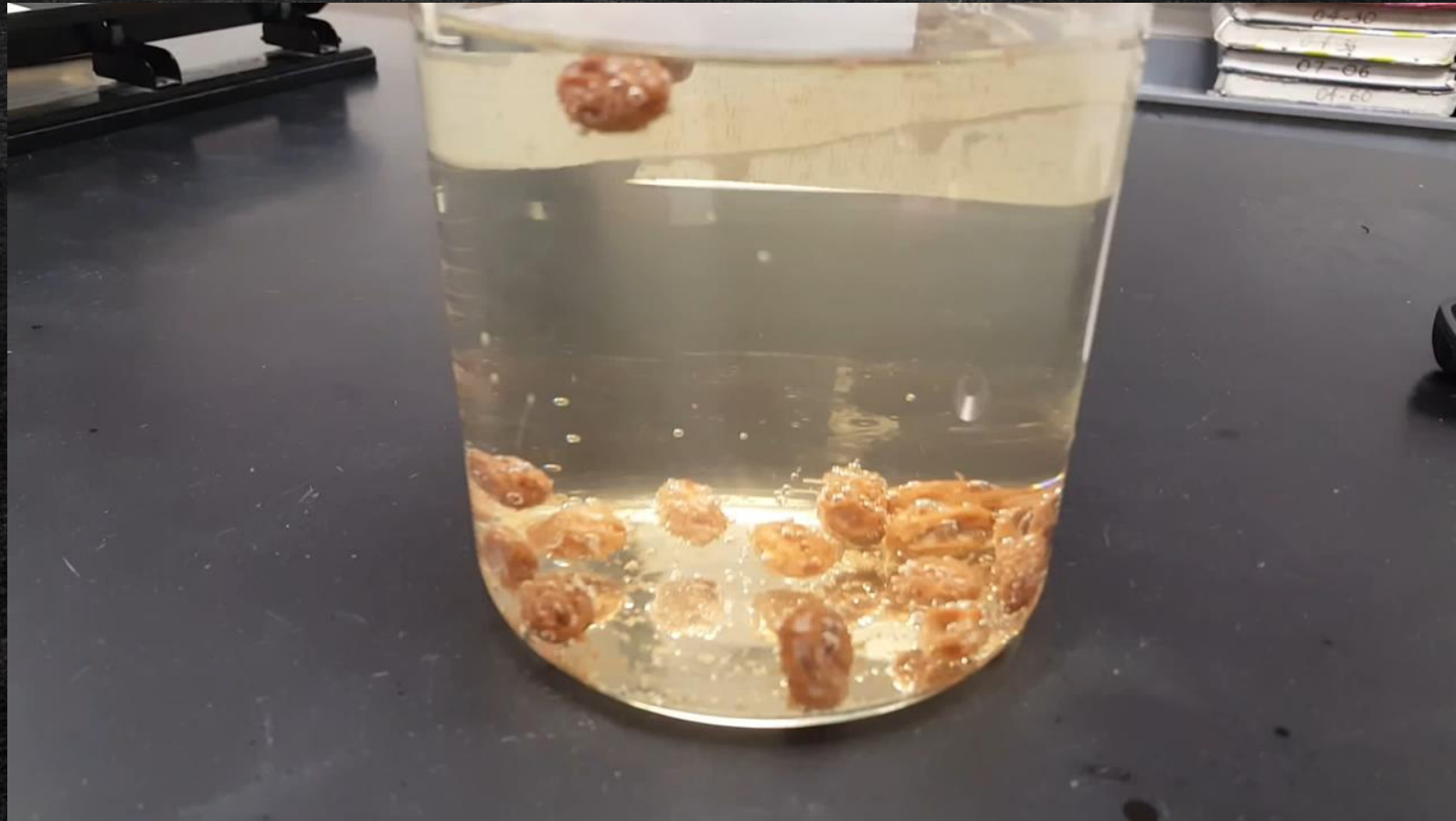
Specimen 10



Specimen 11



Specimen 12



Specimen 13



