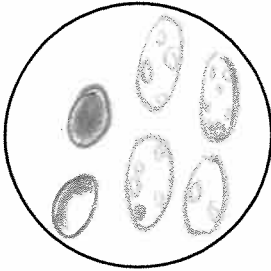


RESEARCH TOOL FOUR - Microslide viewer

Use the Microslide viewer to examine the ~~bacterial capsule~~ ^{#7} and the ~~paramecium~~ (#4). Sketch one of the specimens and answer the following questions.



Name of specimen bacteria (Monera)

Magnification of specimen 1,500 X
(you will need to look at the booklet to determine magnification)

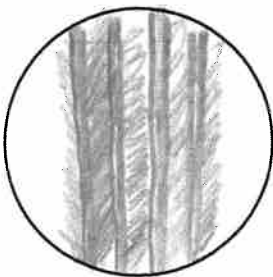
What are the advantages of using the Microslide viewer? *With the Microslide, there is no need for carefully manipulating slides, as it is all on one strip*

What are the limitations of this particular tool? Explain. *A limitation is that there is no fine adjustment knob, so if you want to only shift a little of the view, it is difficult to control*

What else would you like to learn about this research tool? *If there is a possibility of creating an artificial light source, as opposed to just a mirror reflecting light.*

RESEARCH TOOL FIVE - Proscope

Use the Proscope to examine the ~~feather~~ and the ~~textiles~~. Sketch one of the specimens and answer the following questions. Notice that there are different magnifications. Take a snapshot of your specimen and save to your folder on the server. (Capture -> applications -> student house -> pictures -> Proscope HR -> Image number -> drag to folder)



Name of specimen Feather

Magnification of specimen 200 X

great sketch

What are the advantages of using the Proscope? *You can not only magnify specimens, but also take pictures of what you are studying.*

What are the limitations of this particular tool? Explain. *The picture, or magnification, is not always clear, depending upon the outside light, meaning that in dark places, it is (the picture) hard to discern.*

What else would you like to learn about this research tool? *About the possibility of feather being not only magnified, but able to see texture.*