

Moss safari

1. If you are heading to **Africa** on **safari**, you'll be looking forward to spotting the Big Five. The Big Five were the five most sought-after species by big game trophy hunters. Do you know **what 5 animals make up the Big Five**?
2. We can't go now to Africa for obvious reasons. Fortunately, we can go on safari right here in the **laboratory** instead. A **moss safari**! Do you know what lives in a moss?

MOSS SAFARI BIG FIVE

- 1.
- 2.
- 3.
- 4.
- 5.

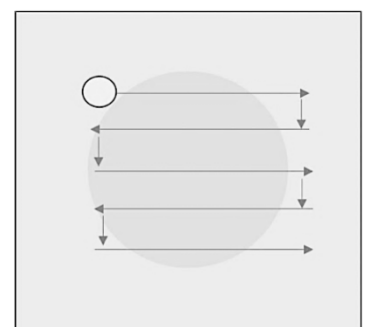
OTHERS

- 1.
- 2.



3. Let's **plan our expedition**! Your teacher has just **soaked** and **squeezed** a **moss sample**.

- ✓ Place one drop of moss squeeze water into the well of a concave glass microscope slide.
- ✓ Place a glass cover slip over the droplet.
- ✓ Observe at the lowest magnification (RED OBJECTIVE).
- ✓ Start in the top left-hand corner and then slowly scan left to right using the slide stage mechanism.



- ✓ Stop and focus on anything interesting. If it is too small, consider increasing the magnification (YELLOW OBJECTIVE). After observing, move back to the lowest magnification and continue your journey plan.
- ✓ Avoid trying to chase organisms. Continue with your journey.
- ✓ Once at the end of the cover slip, move down and continue the journey from right to left. Repeat until the end of the slide.

4. Draw all the organisms that you have spotted on your moss safari. Google them and find out what Kingdom they are included in AND THEIR CHARACTERISTICS.

Drawing of the specimen	Characteristics of the organism