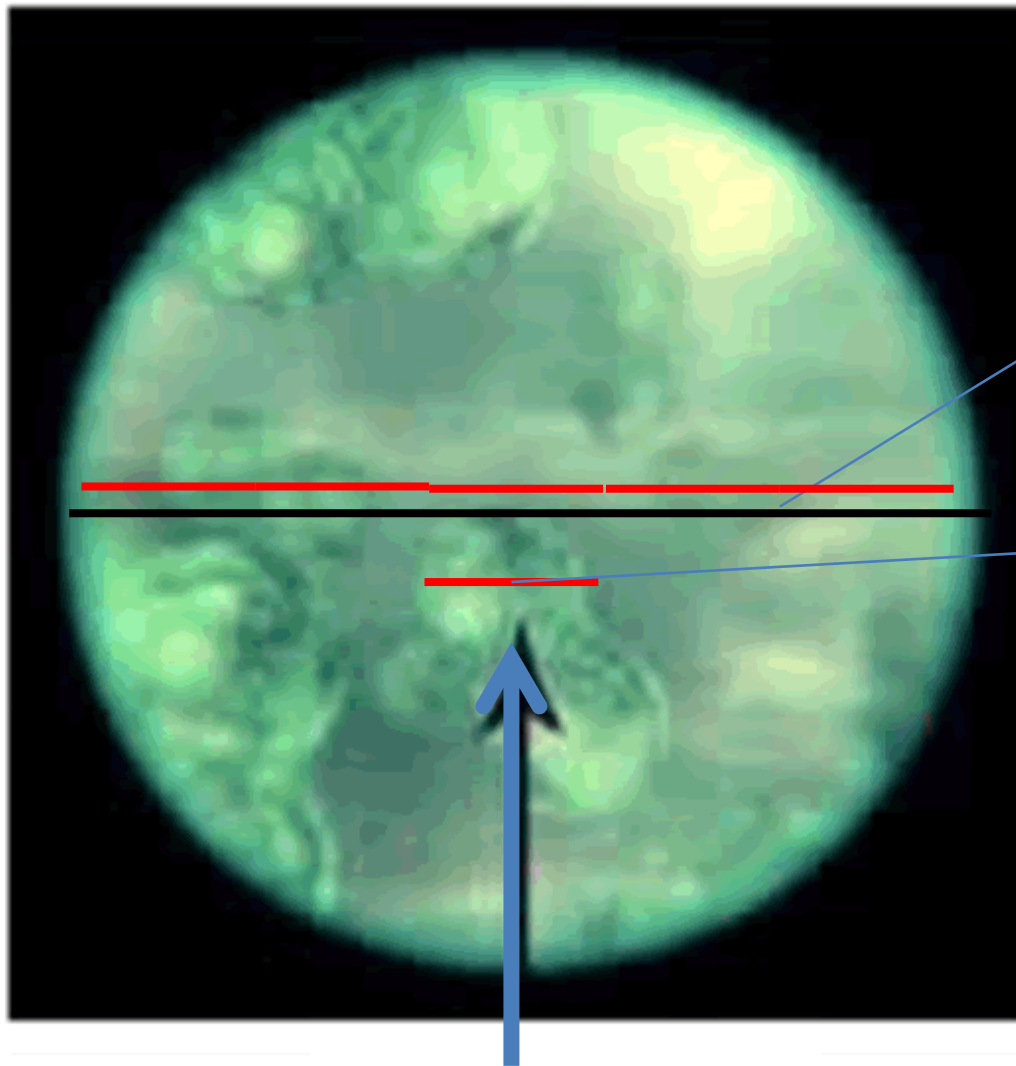


Biological Drawings

Rules for making Biological drawings

- Use appropriate drawing tools - a sharp HB Pencil
- Positioning – Centre your diagram on the page.
- Size – Choose appropriate field size for specimen (X 40, X100, X400).
- Accuracy –draw what you see at the correct size seen at that field view.
- Technique –use simple, narrow lines. Represent depth by stippling (dots close together), do not use shading and only when necessary. Look at specimen when drawing (this is a technique that needs to be learned.)
- Labels – Include; a Title, Magnification under which it is observed and/or scale, name of structures

See Biozone, Biological Drawings for more information)



1. Where is the cell?

900um

2. What is the diameter of the field of view?

4500um=4.5 mm

3. What is the size (diameter) of the cell?

4. Estimate how many times this (cell) will go into the diameter of the field of view.

i.e. just under 5 times

Therefore cell size is
 $4500/5 = 900\text{um}$ or 0.9 mm

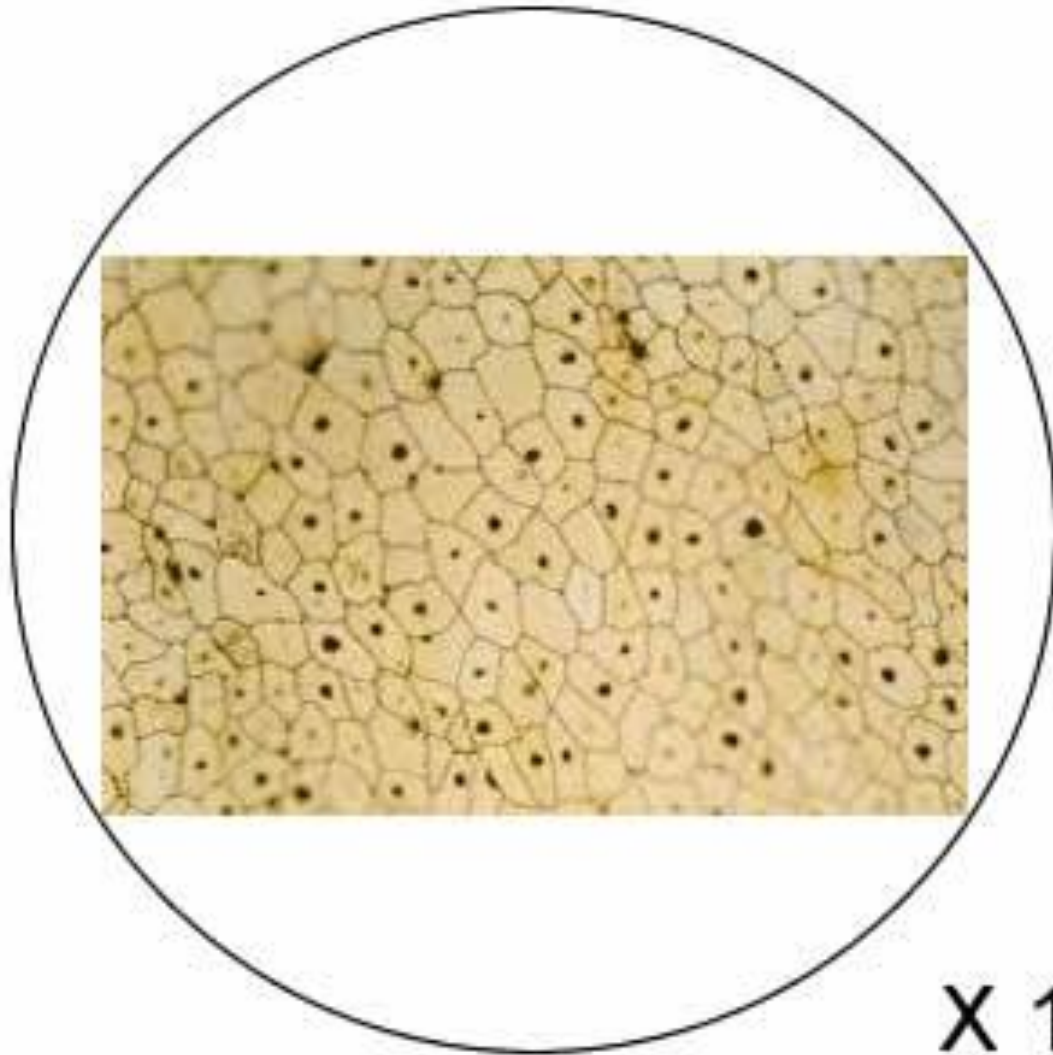
X 40

What is a suitable scale for this ?



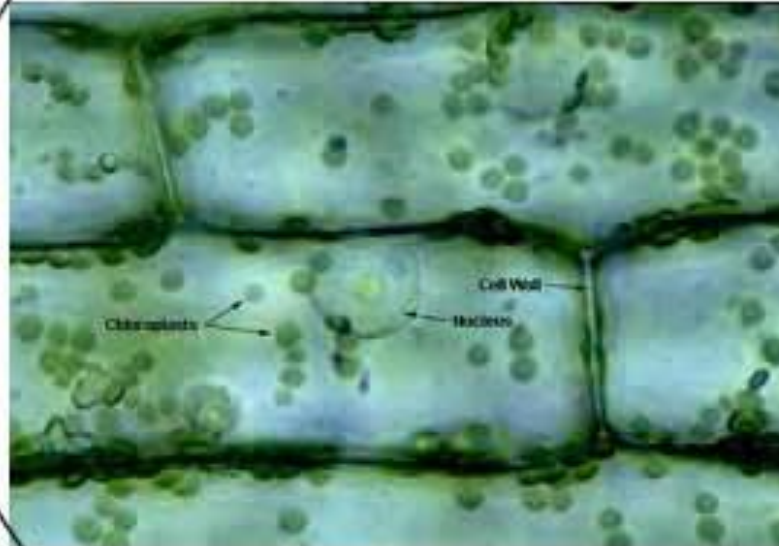
X 400

What is a suitable scale for this ?



X 100

What is a suitable scale for this ?



x400