

Review of the IQCREW inverted microscope.

AmScope sells an inverted microscope, designed for children. Since I have a seven year old grandchild and the microscope sells for only \$68.00, I thought why not buy it, test it and if OK give it to my great grandson. I ordered it from Amazon, which sells it for the same price.



Construction is plastic, thus very light. This makes it very unstable, especially when looking at pond water.

The specs:

It has three objectives, 4X N.A. 0.1, 10X N.A. 0.15 and 20X N.A. 0.24.

All objectives are designed for a bottom culture dish of 1.1mm.

The light source is LED with a slide, allowing insertion of a color filter. It came with a blue filter, which I removed.

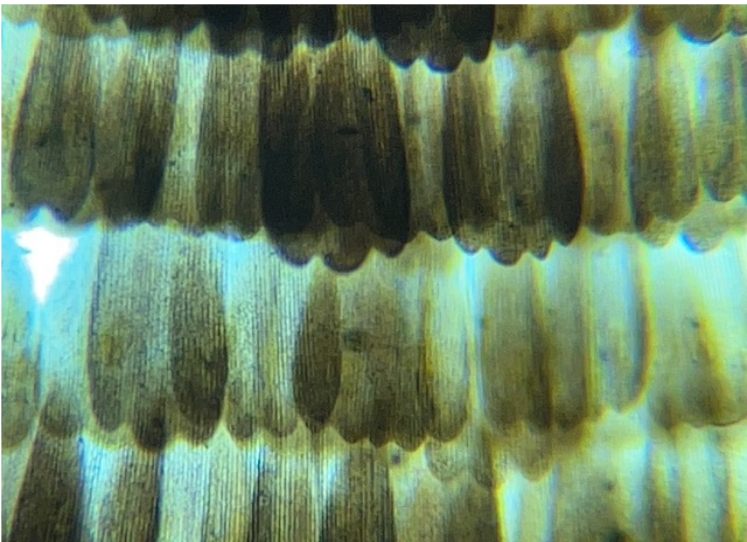
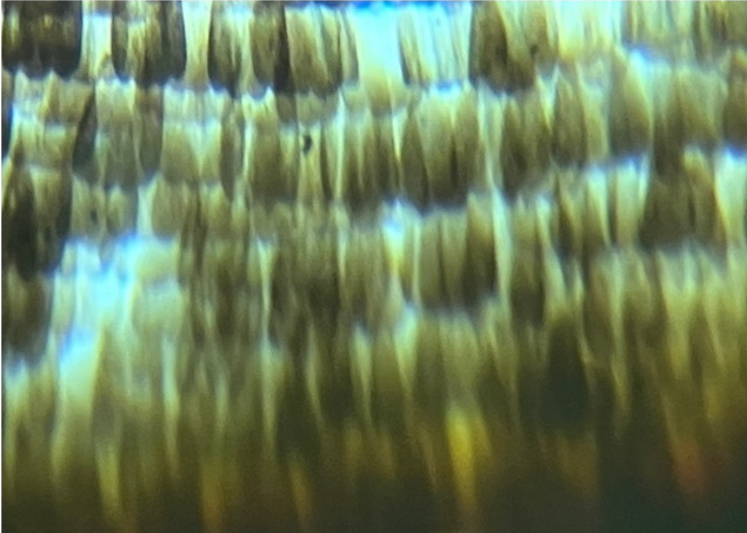
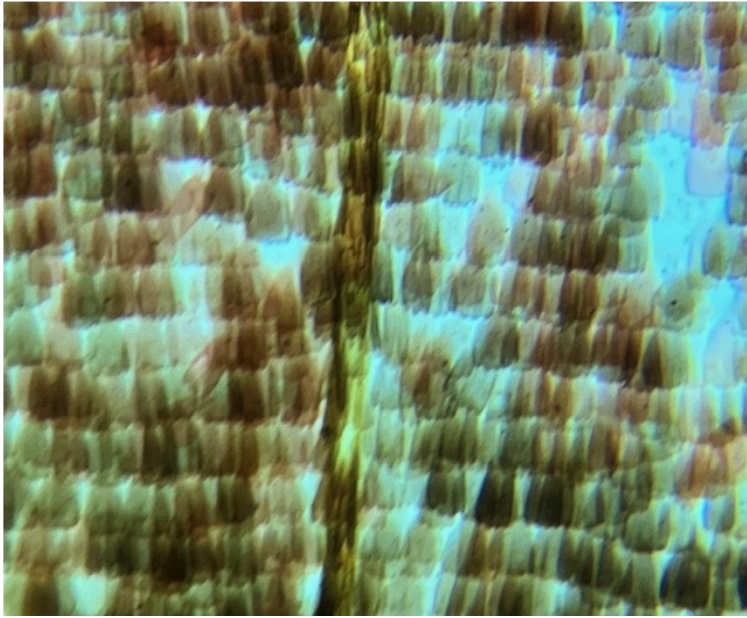
The eyepiece is 10X. Additional products can be purchased, like higher power eyepieces and a camera to be inserted for the eyepiece.

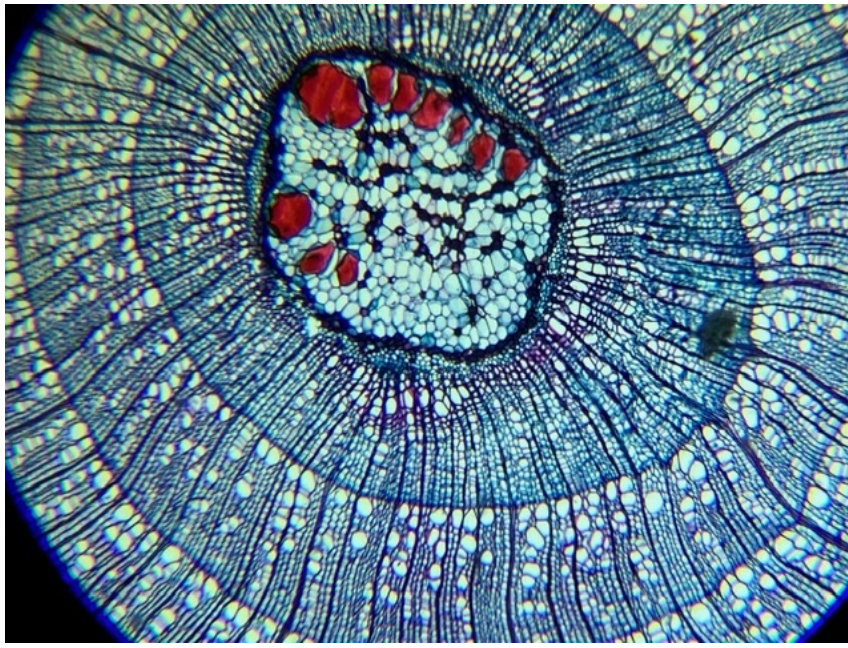
The focusing knob works OK at all powers, except for the shaking problem as soon as you touch the microscope.

The microscope comes with a Petri dish and the usual cheap microscope junk.

I tested it, using a Petri dish and some slides. This was a challenge, because of the wobble and not having a mechanical stage. Looking at slides was OK, but a live pond sample takes patience.

I was able to attach my cell phone to it and the pictures should tell the story.





Some pictures turned out not so good. With more patience, I probably could have done better, but I just wanted to show that at this price, its not bad at all and who knows, maybe the kids will like it.

Comments to the author Bill Resch are welcomed, email – wresch AT charter DOT net.

Published in the August 2023 issue of *Micscape* magazine.

www.micscape.org