How to use the camera in our microscope room

1. Place the plants in the dark cabinet for 15 min before taking pictures.
2. If the computer is off, turn it on. The password is: 12345
3. Turn on the power for the power supply (red box)
4. Turn on the power for the light source next to the camera (the button is on the back)
5. Open Imagingwin and click on MAXI in the pop-up window under Select Unit, Measuring Head
6. Lift up the red shield for the camera and transfer a plant/plate from the dark cabinet to the stand. Try to set your plate as straight as possible. Then lower the shield again
7. Click on “F0, Fm” on the bottom to take your measurements.
   1. When you are taking your subsequent measurements, first click on “New record” and answer “no” to the question(s)
8. Look at Fv/Fm to make sure the picture is ok.
9. If it is not good, put plate back into dark for at least 10 minutes
10. Save your image (e.g. in the folder labeled “Nick AGAZ”). Click OK.

It will save as a .pim file

1. When you are done make sure to turn off the power to the light source and the power supply