**TROUBLESHOOTING TIPS FOR BONFIRE**

-You won’t be able to use the program on Matlab on a Mac. It just won’t work.

**bonfire\_load**

-Make sure that your image is saved as “whatever.tif” and not “whatever.TIF”. If the image extension is capitalized, Matlab will say there is an error in the experimental folders and that the data may not have been exported correctly.

-Make sure that the FILENAME\_info does not have \*xls . You will get an error about a missing \*.tif, \*.ndf, or \_info file if it does.

-If you get an error saying the cell\_body is missing, go back and check that you made the cell body trace (usually N1) as Type 06.

-Sometimes you will get a warning about “unidentified files”. This could be the hidden files for the thumbnails previously in that folder. It could also be traces that you made and then deleted. Say you are on the 4th trace (N4). If you delete that, NeuronJ will not call the new one N4; it will call it N5. If either is the case, don’t worry about it.

**bonfire\_ndf2sec**

-You need to do all of them in the condition (not an individual neuron folder) because the program will not know where to look.

**bonfire\_trace\_check**

-If you get an error saying that it couldn’t import the data, check all of your folders. You may be missing one of the \*.swc files . Go back and check all of your folders. Computers like to start with 11, 12, … 1, 21, 22, 23, … etc.