\*\*Note: edit image copies saved into “EditedMasks” folder. Backup copies (in case something gets deleted accidentally, etc.) are saved in “OriginalMasks” folder. Do not modify the files in the “OriginalMasks” folder.

Start ImageJ

File > Open > select your leaf image and leaf mask files

Click on your leaf mask image

Image > Overlay > Add Image…

                Select your main leaf image at 70% opacity

Double click eyedropper tool to select white as primary color, black as negative (background)

Can right-click paintbrush to set width—40 pixels is precise enough with a few exceptions on pointy regions of leaf

DO NOT CLICK CONTROL WITH THE PAINTBRUSH- THIS MESSES UP THE MASK

Use pencil tool with Alt button to draw black over pixels incorrectly labeled as leaf

Use pencil tool to draw white over pixels incorrectly labeled as not leaf

If you set your background color to black as well via the eyedropper, you can also use the square tool to select an area, and then black it out using Edit > Cut.

Can also use paint bucket to roughly fill in white shapes, but you’ll need to go back and remove any white specks with the brush tool

For any objects that are touching, draw a >=1 pixel line between them in black

Double check by looking through the image.

Go to Image > Overlay > Remove Overlay

Save the revised leaf mask

Repeat with lesions but:

You can black out entire area first: If you set your background color to black as well via the eyedropper, you can also use the square tool to select an area, and then black it out using Edit > Cut.

Set pencil diameter to 10 pixels