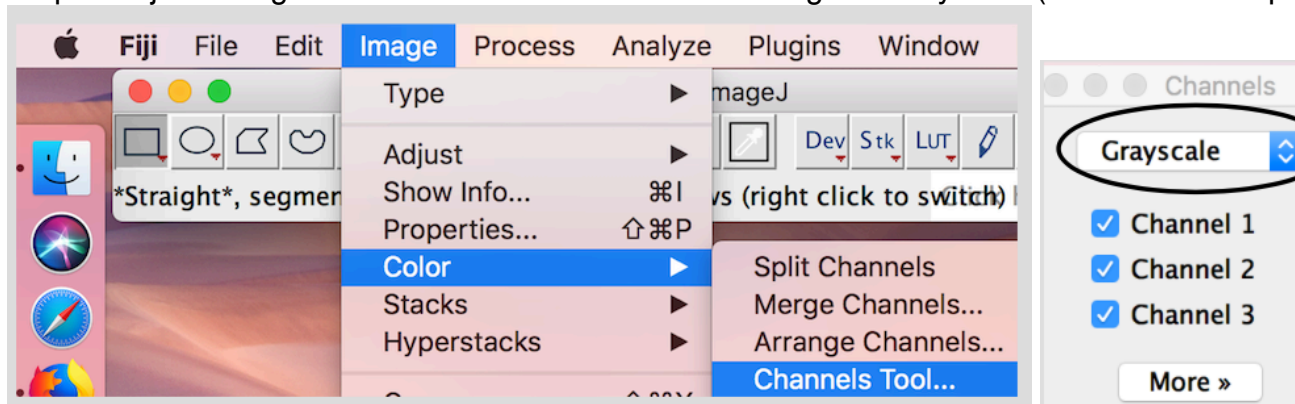**LSM-split-howto**.
This shows how to batch-split every .lsm image file in a folder into a separate grayscale tif for each channel. Creates subfolder C1 or channel 1 images, subfolder C2 for channel 2 images, etc. The source of the "Batch_Split_Channels_Tool" in Dukechem update site was: http://dev.mri.cnrs.fr/projects/imagej-macros/wiki/ Batch_Split_Channels That site says to put download in /plugins/tools but only worked for me with Fiji2 in 2019 if put in / macros/toolsets (which is where the Dukechem update site automatically puts it).   Bill.Day AT duke.edu 2019-08-05.

Requirements: Do the === One-time-only setup === (steps A, B, and C) below.
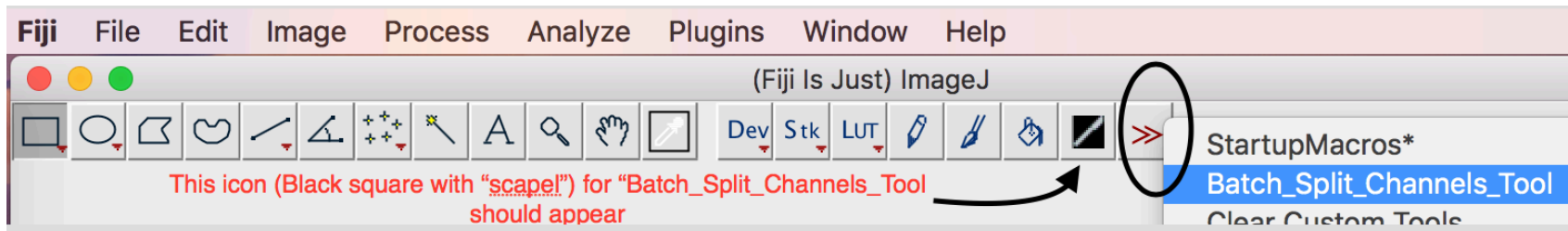
Step 1. Fiji > Image > Color > Channels Tool..   Change to Grayscale (not default Composite).
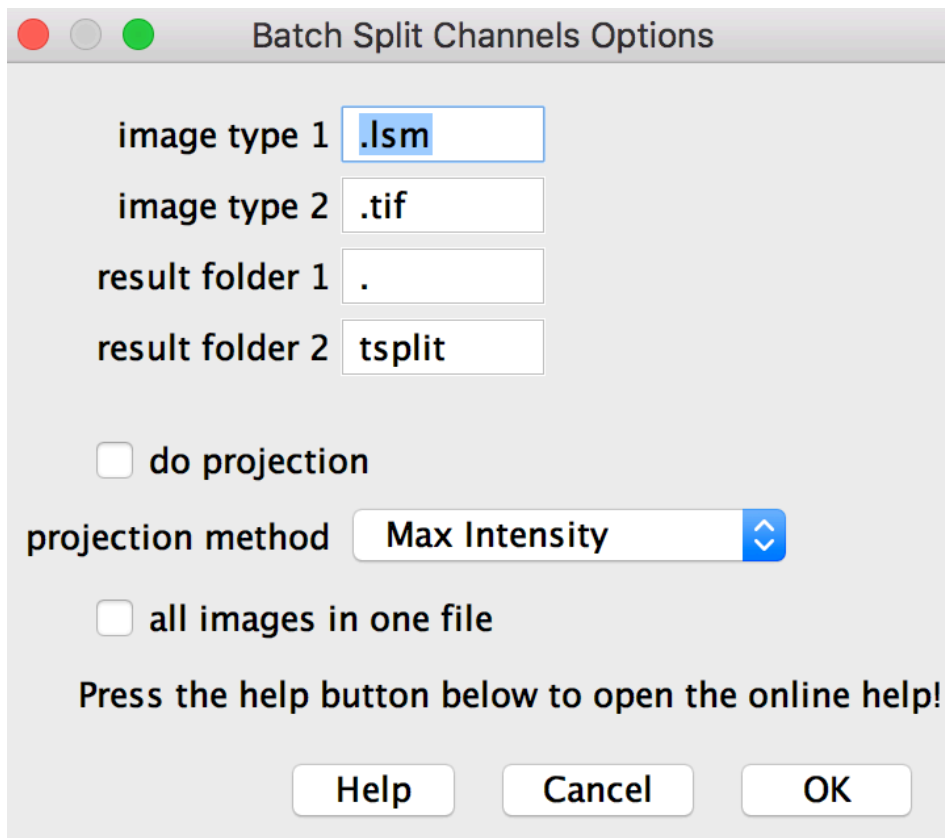

Step 2. Click on the ">> " button, then click "Batch_Split_Channels_Tool"

The icon-button (black square with scapel) for it should appear on right side of tool-bar buttons.

Fiji File Edit Image Process Analyze Plugins Window Help

(Fiji Is Just) ImageJ

StartupMacros*
Batch_Split_Channels_Tool
Clear Custom Tools

This icon (Black square with "scapel") for "Batch_Split_Channels_Tool should appear

Step 3. Right-click (or control-click) on the icon if you need to change or verify options. You can also click on "Help" button to go to website of the original author: http://dev.mri.cnrs.fr/projects/imagej-macros/wiki/Batch_Split_Channels

Batch Split Channels Options

image type 1 .lsm

image type 2 .tif

result folder 1 .

result folder 2 tsplit

☐ do projection

projection method Max Intensity

☐ all images in one file

Press the help button below to open the online help!
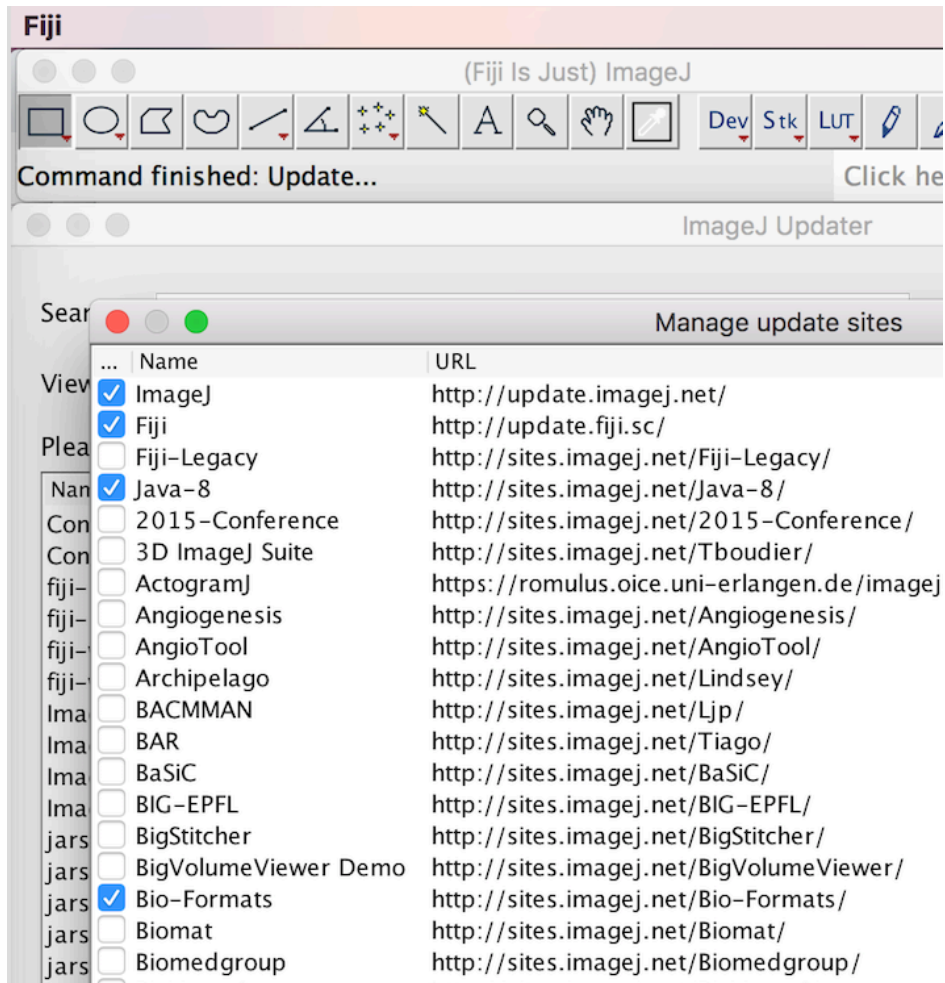
Help   Cancel   OK

Step 4. Finally! Just click on the icon, select a folder with image files to split. When it finishes you should see a C1 subfolder with channel 1 images, C2 with channel 2 images, etc.

=== One-time-only setup ===
(A.) Install Fiji (version 2) (or ImageJ, but you really want Fiji). In terminal: brew cask install fiji

(B.) You must have the **Bio-Formats** plugin installed. Check if you find **Bio-Formats** in the menu *Plugins*. If it is not installed then:

Help > Update … > Advanced Mode > Manage update sites. Check **Bio-Formats**

(C.) Click on "Add update site" and add http://sites.imagej.net/Dukechem in 2nd column like so:

Hit "Apply changes" and restart Fiji. You are done with the one-time-only setup.