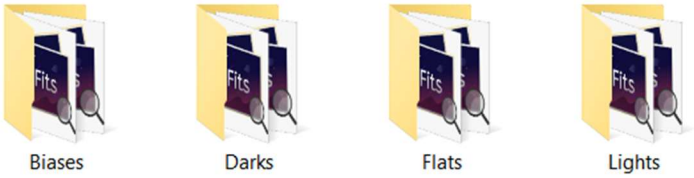
Extracting Ha and O-III from a color camera image using SiriL (version 1.0.3)

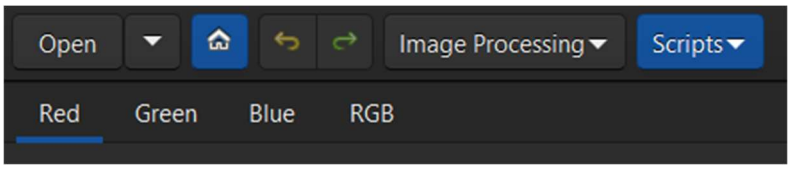
If narrowband images are to be treated separately for each frequency band in image processing, they can be extracted via a script in the free program SiriL. A similar script is also available in the stacking program APP.

SiriL requires a specified folder structure to run the script.

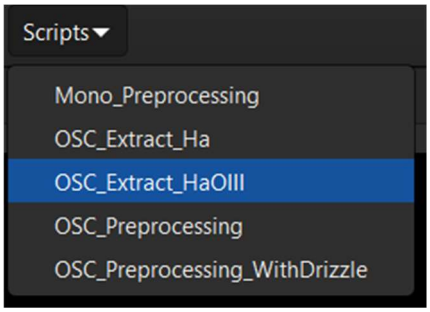
The images should be divided into subfolders with the following names:



In the folder 'Biases' the images of the darkflat-frames (if only these are available) can be stored. Once the images are sorted in this way, SiriL can be started and the start page appears, on which the following menu bar can be found at the top left:



The blue button with the house icon is used to set the working folder. This is the main folder, in which the four previously created subfolders are located. Then the script is started via the menu item 'Scripts' - 'OSC_Extract_HaOIII' (OSC stands for One Shot Camera → capturing with a color camera).



SiriL now extracts the Ha and O-III channels from the narrowband images and places both images in the working folder so that they can be used for further processing.