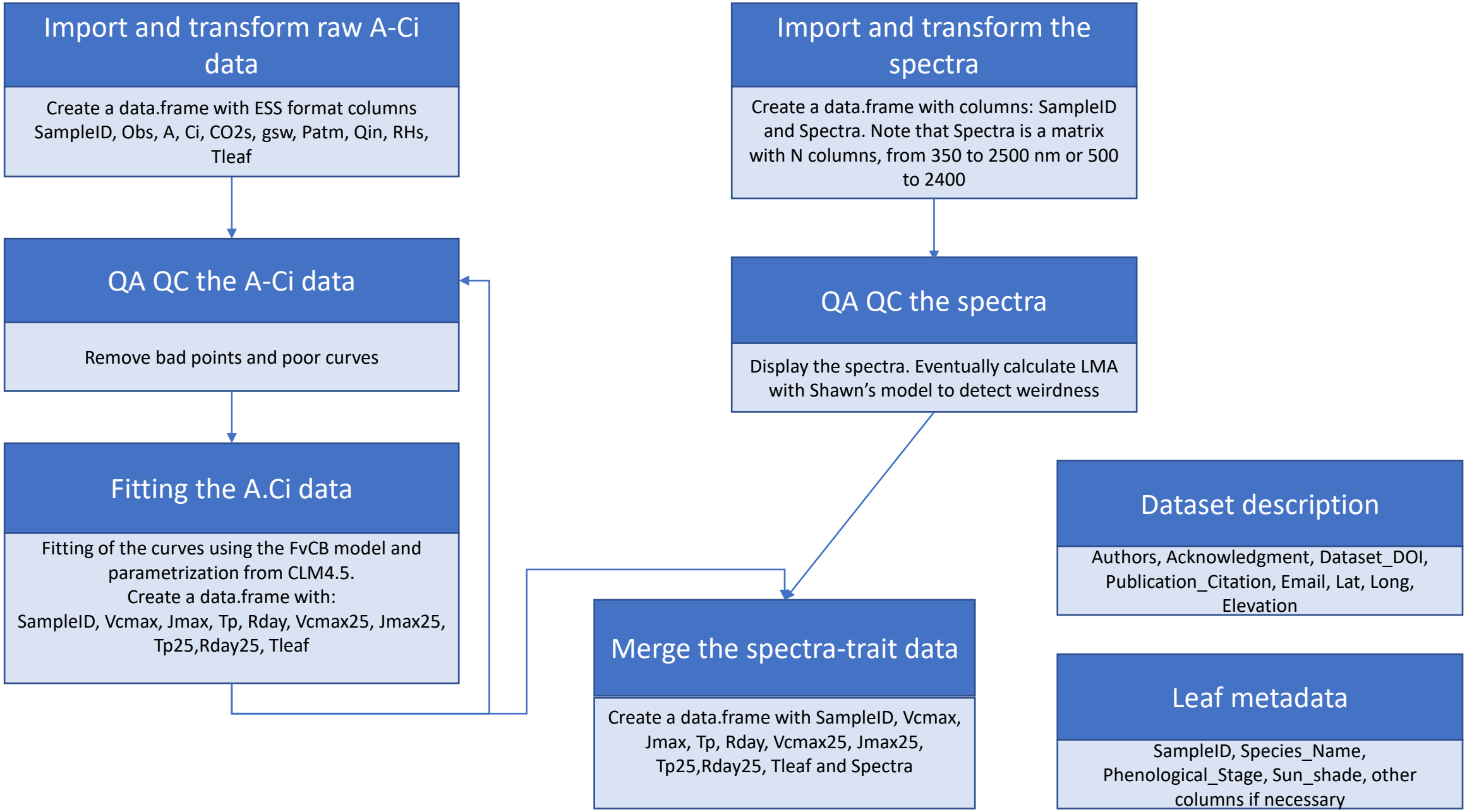
Import and transform raw A-Ci data
Create a data.frame with ESS format columns SampleID, Obs, A, Ci, CO2s, gsw, Patm, Qin, RHs, Tleaf
QA QC the A-Ci data
Remove bad points and poor curves
Fitting the A.Ci data
Fitting of the curves using the FvCB model and parametrization from CLM4.5.
Create a data.frame with:
SampleID, Vcmax, Jmax, Tp, Rday, Vcmax25, Jmax25, Tp25,Rday25, Tleaf
Import and transform the spectra
Create a data.frame with columns: SampleID and Spectra. Note that Spectra is a matrix with N columns, from 350 to 2500 nm or 500 to 2400
QA QC the spectra
Display the spectra. Eventually calculate LMA with Shawn's model to detect weirdness
Merge the spectra-trait data
Create a data.frame with SampleID, Vcmax, Jmax, Tp, Rday, Vcmax25, Jmax25, Tp25,Rday25, Tleaf and Spectra
Dataset description
Authors, Acknowledgment, Dataset_DOI, Publication_Citation, Email, Lat, Long, Elevation
Leaf metadata
SampleID, Species_Name, Phenological_Stage, Sun_shade, other columns if necessary