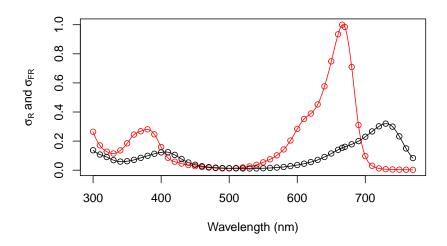
photobiologyPlants Version 0.4.1 Plots of the data

Pedro J. Aphalo March 20, 2017

1 Set up

2 Phytochrome

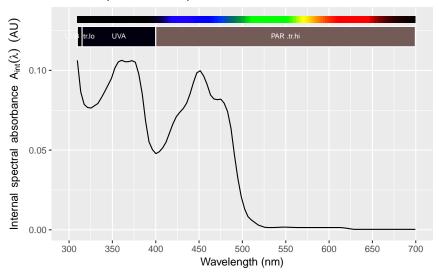
3 Test of interpolation



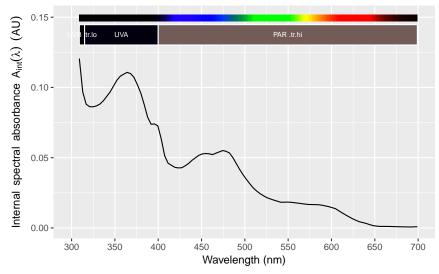
4 Cryptochromes

```
plot(CRY2.mspct$dark_adapted, plot.qty = "absorbance")
plot(CRY2.mspct$light_adapted, plot.qty = "absorbance")
```





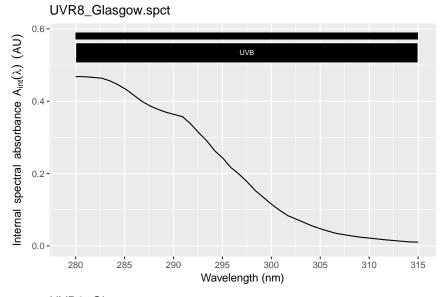


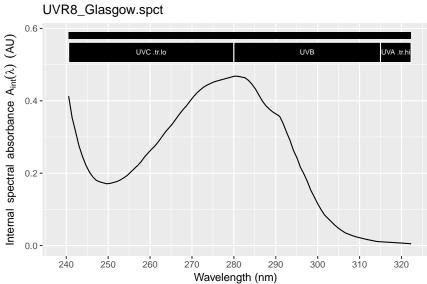


4.1 UVR8 wavebands

We can limit the plotted wavelengths to a range, even using another waveband object.

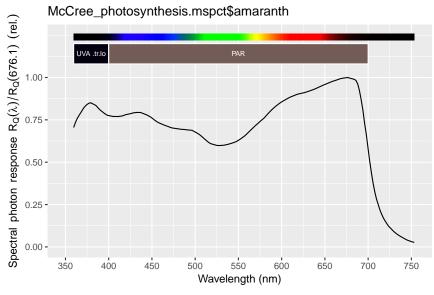
```
plot(UVR8_Glasgow.spct, range = UVB(), plot.qty = "absorbance")
plot(UVR8_Glasgow.spct, range = UV(), plot.qty = "absorbance")
```

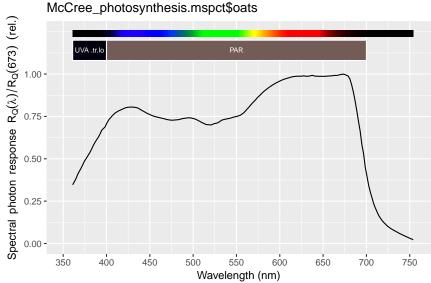




${\bf 5}\quad {\bf Photosynthesis} \ {\bf action} \ {\bf spectra}$

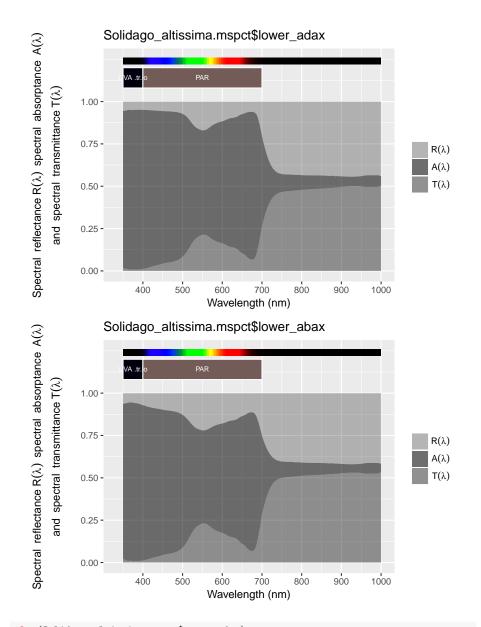
```
plot(McCree_photosynthesis.mspct$amaranth)
plot(McCree_photosynthesis.mspct$oats)
```



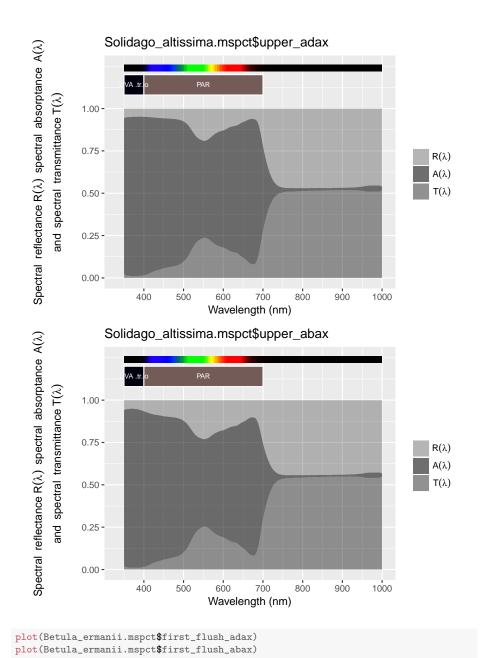


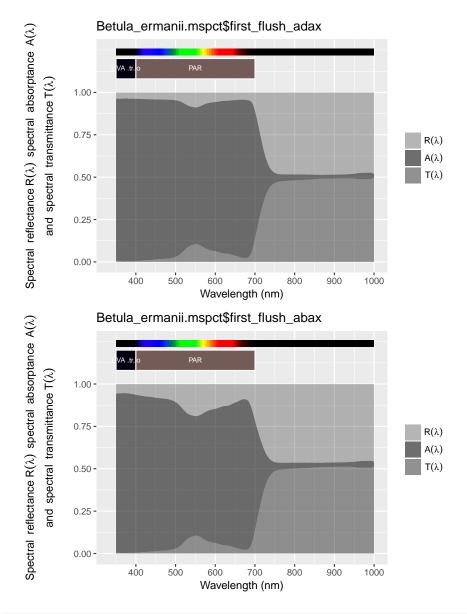
6 Optical properties of leaves

```
plot(Solidago_altissima.mspct$lower_adax)
plot(Solidago_altissima.mspct$lower_abax)
```



plot(Solidago_altissima.mspct\$upper_adax)
plot(Solidago_altissima.mspct\$upper_abax)





plot(Betula_ermanii.mspct\$summer_flush_adax)
plot(Betula_ermanii.mspct\$summer_flush_abax)

