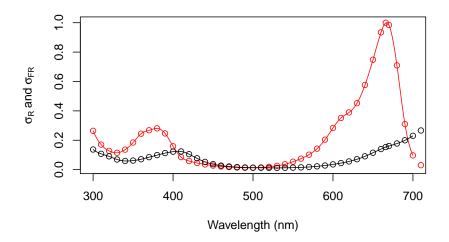
photobiologyPlants Version 0.1.1 CRY related functions and data

Pedro J. Aphalo March 10, 2015

1 Set up

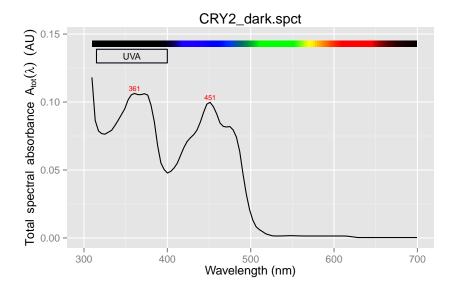
2 Phytochrome

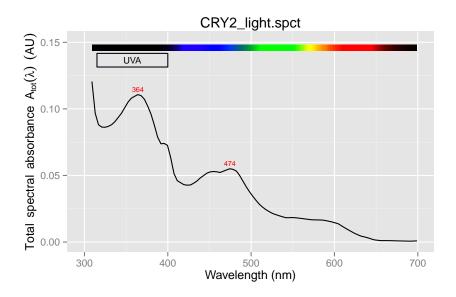
3 Test of interpolation



4 Cryptochromes

```
plot(CRY2_dark.spct)
plot(CRY2_light.spct)
```

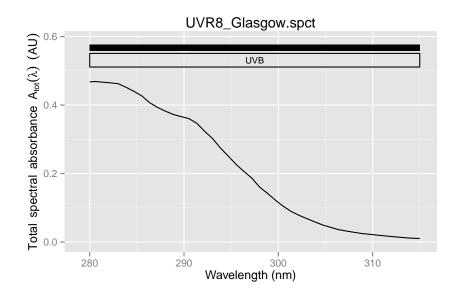


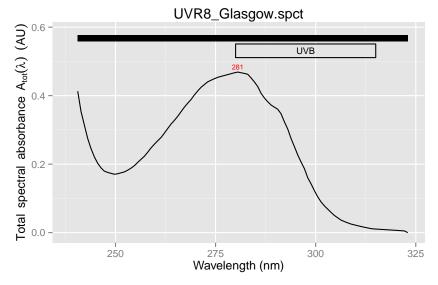


4.1 UVR8 wavebands

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

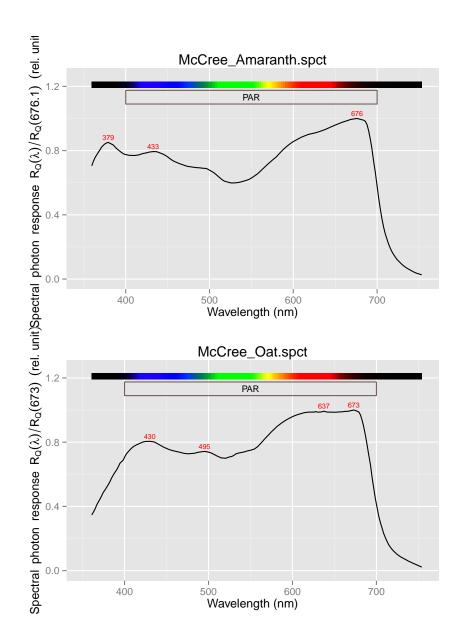
```
plot(UVR8_Glasgow.spct, range = UVB())
plot(UVR8_Glasgow.spct, range = UV())
```





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

```
plot(McCree_Amaranth.spct)
plot(McCree_Oat.spct)
```



6 Optical properties of leaves

```
plot(Solidago_lower_adax.spct)
plot(Solidago_lower_abax.spct)
```

