photobiologyPlants Version 0.3.3.9001 CRY related functions and data

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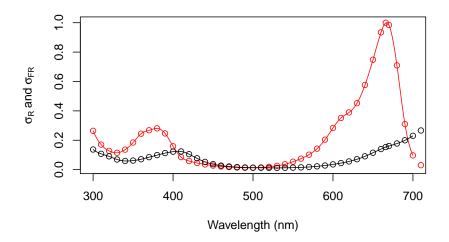
May 3, 2016

1 Set up

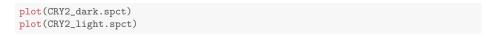
2 Phytochrome

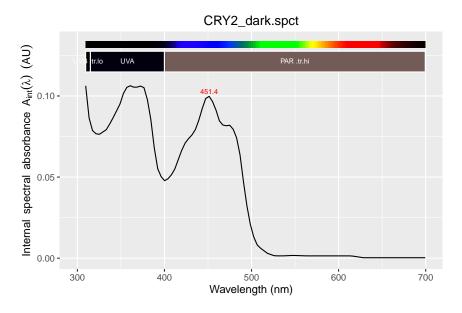
3 Test of interpolation

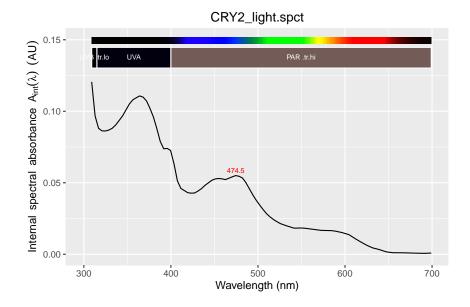
options(photobiology.radiation.unit = "photon")



4 Cryptochromes



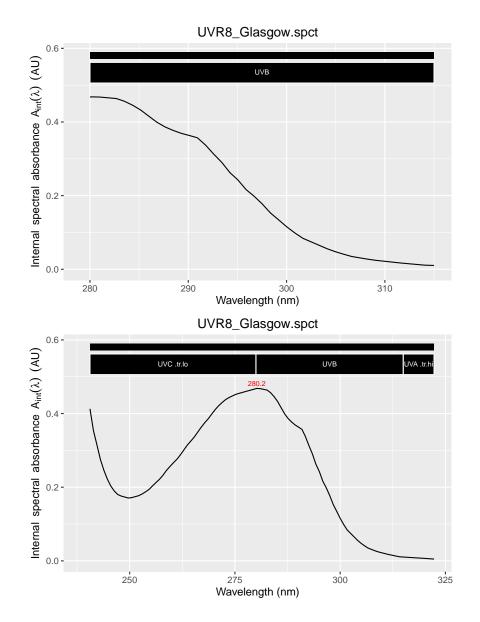




4.1 UVR8 wavebands

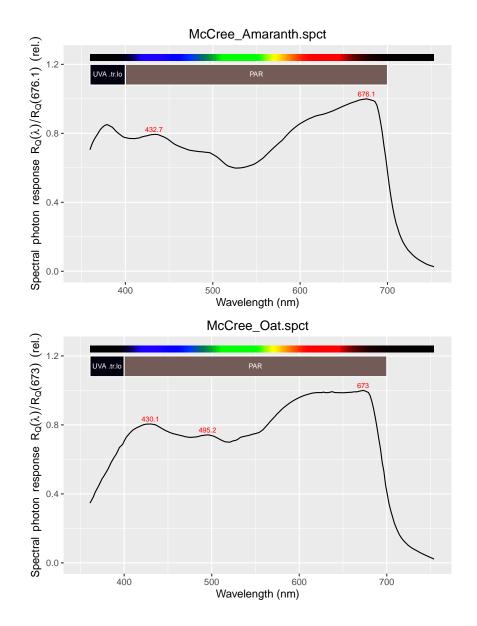
We can limit the plotted wavelengths to a range, even using another waveband object.

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



5 Photosynthesis action spectra

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



6 Optical properties of leaves

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

