# photobiologyPlants Version 0.3.2 CRY related functions and data

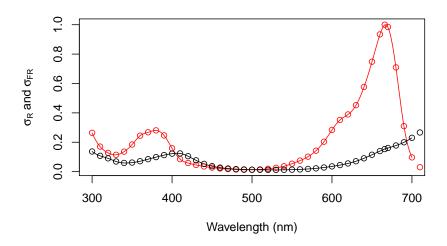
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September 4, 2015

#### 1 Set up

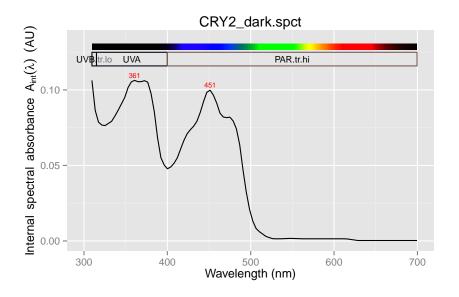
#### 2 Phytochrome

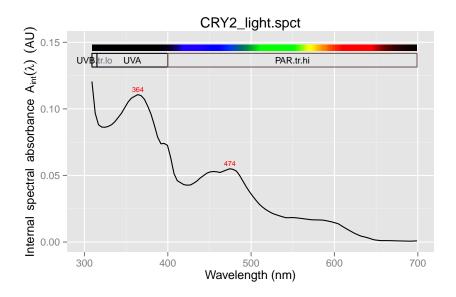
### 3 Test of interpolation



# 4 Cryptochromes

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

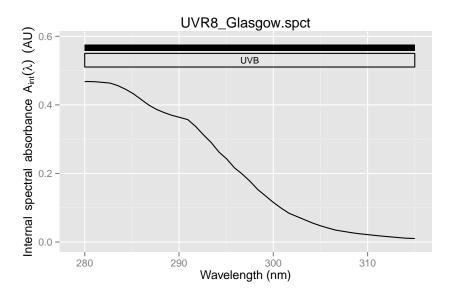


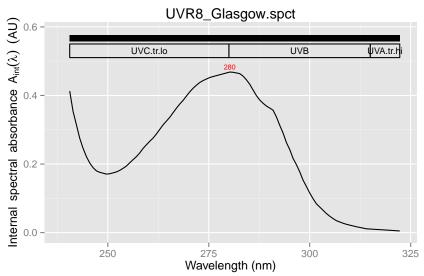


#### 4.1 UVR8 wavebands

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

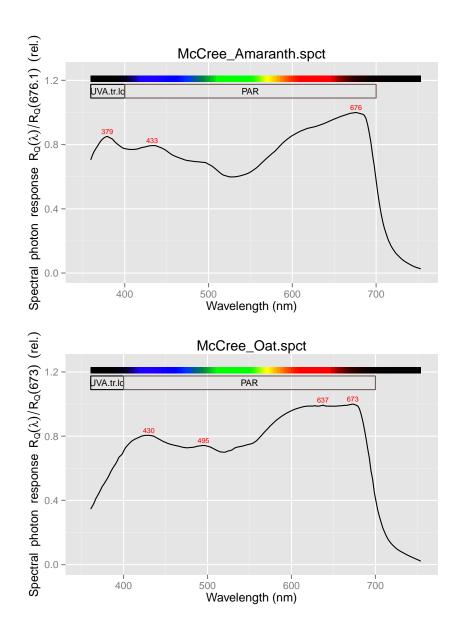
```
plot(UVR8_Glasgow.spct, range = UVB())
plot(UVR8_Glasgow.spct, range = UV())
```





# 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)
```

