

Biophoton Images and Videos

This is a typical Biophoton image created with the Owl Eye system. The leaf was picked in the garden in total darkness after 10pm and put in a glass with water. It was then brought inside in darkness and put on the fibreoptics input of the image intensifier. A webcam in front of the image intensifier recorded a five minute video of the experiment. The fact that the leaf was handled in total darkness excludes chlorophyll phosphorescence as the source of the light radiation seen here.

You can download the whole five minute video in RealMedia format here: [biophoton.rm](#) (filesize 5.4 Mb)

It is interesting to observe the decrease of the radiation over time when the tissue of the leaf is dying. Keeping the plant tissue wet is slowing the process down remarkably.

My first Biophoton Radiation image. The leaf was put in front of the image intensifiers input and the picture was scanned from the screen of the Owl Eye system. The scanning was done by using a handheld scanner with the built in LEDs switched off that was rolled across a piece of glass put in front the screen. The left image is showing the original leaf.

The poor image quality is not only caused by the unusual way of scanning an image from a screen. Later on I discovered that keeping the plant tissue wet all the time keeps the life force in the plant and thus the light emitted at a high level.