

# A Green Alga that is Orange!

## *Trentepohlia*

Named after the German Botanist and Clergyman Johann F. Trentepohl.

It is a filamentous green alga.

The orange colour comes from carotenoids (the same pigment found in carrots). This hides the green chlorophyll.

There are about 40 different species of *Trentepohlia*. Most grow in the tropics, but they also grow in The UK.

It is very difficult to identify the species.

It grows on trees, rocks and other substrates.

Here it tends to grow on alkaline substrates that are humid and in the shade, i.e. North side of trees out of the sun, (which might dry it out).

The Green Alga is very often a symbiont of Lichenized fungi, and acts as a photo-biont.

