

***Cyclidium glaucoma* CCAP 1616/2**

Note: The culturing conditions below are not necessarily the optimal growth conditions for each strain, as much variation is found between strains, and cultures are not always kept in optimal growth conditions at CCAP for practical reasons. There may be more info in the individual strain data on the website.

Storing the cultures in natural daylight at room temperature should also be fine, providing they are kept out of direct sunlight.

On receipt of culture: cultures should be subcultured into fresh sterile medium as described below, ideally within a few days of receipt. If the culture vessel is very full on receipt and subculturing cannot be done immediately, we advise transferring half of the culture to a sterile container to provide air space.

ACDP Hazard Gp: 1 - Non pathogenic / non hazardous. Unlikely to cause human disease.

Culture Medium: MW medium (Volvic) with 1-2 boiled wheat grains..

Media recipes can be found on our website: www.ccap.ac.uk/index.php/media-recipes/

Lighting: Not required.

Light Cycle: -

Temperature: 20 degrees C

Sub Interval: 6-8 weeks (at CCAP, may vary depending on environment)

Culture Vessel: small petri dishes

Culture Method:

To inoculate the fresh media, a dense culture is chosen from existing stocks. The state of the culture is ascertained by microscopic examination.

Add 1ml of the culture to sterile media in a small petri dish and add 1 or 2 boiled wheat grains to encourage the bacterial growth on which the ciliate feeds..

Incubate at 20 degrees C.

Use strict aseptic techniques throughout and if possible carry out all subculturing within a laminar flow cabinet (particularly important for axenic strains).