Vampyrellid cultures

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.

On receipt of culture: If flask is filled fully we recommend splitting half into a new sterile flask.

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

Culture Medium: We hold three Vampyrellid cultures:

CCAP 2573/1 *Theratromyxa weber*	W/2 + 5% soil + yeast
CCAP 2559/1 *Platyreta germanica*	W/2 + 5% soil + yeast
CCAP 1514/3 *Cryptodifflugia oviformis*	W/2 + yeast

W/2 media is half strength Waris-H (minus vitamins and metals)

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

Lighting: not required

Light Cycle: -

Temperature: 15 degrees C

Sub Interval: 4 weeks (at CCAP, may vary depending on environment)

Culture Vessel: tissue culture flasks

Culture Method:

Preparation of yeast suspension - 7mls sterile distilled water, add 2-3mm scrape off yeast plate

Add media to new tissue culture flask and add ½ ml of yeast suspension to each.

Dislodge cells from an older dish using a pipette, they can be difficult to dislodge. Put 1ml into new tissue culture flask.

Spread yeast from older plate into new plate of YPD to use for the next monthly subculture.

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