

Media for Charales

SWC-1

Put leaf mould into a glass vessel to make a thin bottom layer, and add black soil onto the bottom layer up to one-quarter to one-fifth from the bottom.

Dampen the soil with deionized water (or distilled water). Cover the glass vessel with a plastic cap or aluminum foil, and autoclave it twice with overnight rest in between (121°C, 20 min). After cooling the mixture to room temperature, pour sterilized deionized water (or sterilized distilled water) into it carefully (so as not to disturb the soil).

Reference

Sakayama, H., Hara Y., Nozaki, H. 2004 Taxonomic re-examination of six species of *Nitella* (Charales, Charophyceae) from Asia, and phylogenetic relationships within the genus based on *rbcL* and *atpB* gene sequences. *Phycologia*, **43**, 91-104.