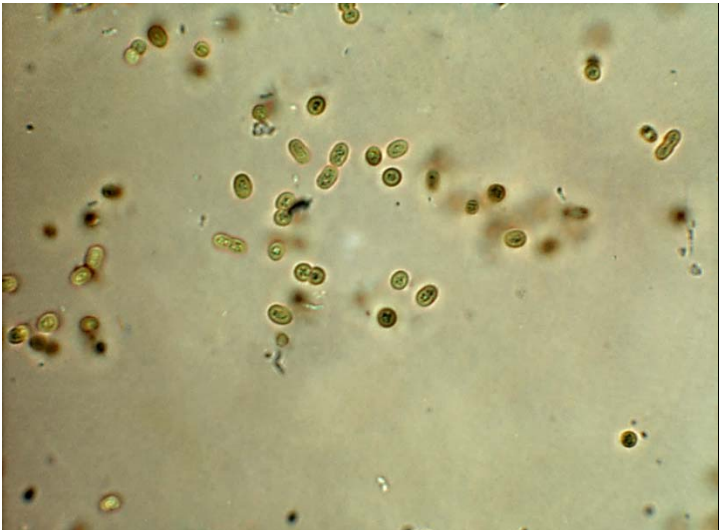


| FORM FOR SUBMISSION OF ALGAL CULTURE/PASSPORT DATA NATIONAL REPOSITORY FOR MICROALGAE AND CYANOBACTERIA- FRESH WATER (NRMCF) (DBT-sponsored) Department of Microbiology Bharathidasan University, Tiruchirappalli- 620 024. | | For NRMCF use only Requisition Number : NTL 26 (2) Repository Code No : NRMCF Number : NRMCF054 |
|---|--|--|
| <p>1. Person depositing the strain: Name of the depositor: F. Lewis Oscar Designation: Ph. D Address/Affiliation: DMBB, Department of Microbiology, Bharathidasan University, Tiruchirappalli. Mob. No: 9600402197 E-mail address: kepler619@gmail.com</p> <p>Type of culture: <input type="checkbox"/> Green algae <input checked="" type="checkbox"/> Cyanobacteria <input type="checkbox"/> Diatom</p> <p>Name of the culture: <i>Aphanothece</i> sp Gene bank accession number if any:</p> | | <p>2. Taxonomical information: Strain identification number (s) assigned: By the collector and/or depositor: NTL 26 Division: Cyanophyta Class: Cyanophyceae Order: Family: Scientific name with citation of authority: <i>Aphanothece</i> sp. Taxonomical reference used for identification: Cyanophyta, T.V. Desikachary, Pl. 22</p> |
| <p>3. Maintenance conditions now used: a) Name of the culture media: BG11+ b) Preferred maintenance conditions:</p> <p>pH <input type="text" value="7"/> Temperature <input type="text" value="25° C"/> Light Intensity <input type="text" value="3000 Lux"/> Salinity <input type="text" value="0"/> Light period <input type="text" value="8 L + 16 D"/></p> <p>Habitat: Freshwater Place of Collection: Mandapam freshwater pond Latitude & Longitude: Purification method: Spread plate</p> | | <p>4. Molecular characterization if any:</p> <p>5. Image details Size: single cells - 2.7 x 4.05 µm Description: Thallus mucilaginous, colorless or yellowish, cells cylindrical, single or in pairs, pale blue green colour.</p>  |