

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 15 Repository Code No : NRMCF Number : NRMCF0122
<p>1. Person depositing the strain Name of the depositor: F. Lewis Oscar Designation: Research Scholar Address/Affiliation: DMBB, Department of Microbiology, Bharathidasan University, Tiruchirappalli.</p> <p>Mob. No: E-mail address: kepler619@gmail.com</p> <p>Type of culture: <input checked="" type="checkbox"/> Green algae <input type="checkbox"/> Cyanobacteria <input type="checkbox"/> Diatom</p> <p>Name of the culture: <i>Coelastrella</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 15 Division: Chlorophyta Class: Chlorophyceae Order: Sphaeropleales Family: Scenedesmaceae Scientific name with citation of authority: <i>Coelastrella</i> sp (Chodat, 1922) Taxonomical reference used for identification:</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"/></p> <p>Light Intensity <input type="text" value="3000 Lux"/> Salinity <input type="text" value="0"/></p> <p>Light period <input type="text" value="8 L + 16 D"/></p> <p>Habitat: Fresh water, Mandapam Place of Collection: Kalmavur Latitude and Longitude: Purification method: Spread plate</p>	<p>4. Molecular characterization if any</p> <p>5. Image details Size: Adult cells- 8 x 10.8 μm Description: Unicellular, oval shaped cells, Peritotal Chloroplast, Single pyrenoid, Smooth cell wall.</p>	