

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 9  
Repository Code No :  
NRMCF Number : NRMCF0120

1. Person depositing the strain

Name of the depositor: F. Lewis Oscar

Designation: Research Scholar

Address/Affiliation: DMBB, Department of Microbiology, Bharathidasan University,  
Tiruchirappalli.

Mob. No: 9600402197

E-mail address: kepler619@gmail.com

Type of culture:  Green algae  Cyanobacteria  Diatom

Name of the culture: *Coelastrella* sp.

Gene bank accession number if any:

2. Taxonomical information

Strain identification number (s) assigned: By the collector and/or depositor: NTL 9

Division: Chlorophyta

Class: Chlorophyceae

Order: Spaeropleales

Family: Scenedesmaceae sp

Scientific name with citation

of authority: *Coelastrella* sp (Chodat, 1922)

Taxonomical reference used for identification:

3. Maintenance conditions now used

a) Name of the culture media: BG11+

b) Preferred maintenance conditions:

pH

Temperature

Light Intensity

Salinity

Light period

Habitat: Fresh water

Place of Collection: Kalmavur

Latitude and Longitude:

Purification method: Spread plate

Preservation method:

4. Molecular characterization if any

5. Image details

Size: Adult cells - 6.8 -10.7

Description:

Unicellular or few cells in aggregation,  
numerous conspicuous vacuoles

