

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 : L 62  
Repository Code No :  
NRMCF Number : NRMCF50

1. Person depositing the strain:

Name of the depositor:

Designation: Ph. D

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

Mob. No:

E-mail address: [nrmcf.bdu@gmail.com](mailto:nrmcf.bdu@gmail.com)

Type of culture:  Green algae  Cyanobacteria  Diatom

Name of the culture: *Phormidium corium*

Gene bank accession number if any:

2. Taxonomical information:

Strain identification number (s) assigned: By the collector and/or depositor: L 62

Division: Cyanophyta

Class: Cyanophyceae

Order: Oscillatoriales

Family: Phormidiaceae

Scientific name with citation

of authority: *Phormidium corium*

Taxonomical reference used for identification: Cyanophyta, T.V. Desikachary, Pl.44,  
Fig.10-11

3. Maintenance conditions now used:

a) Name of the culture media: BG11+

b) Preferred maintenance conditions:

pH  Temperature

Light Intensity  Salinity

Light period

Habitat: Freshwater

Place of Collection:

Latitude & Longitude:

Purification method:

4. Molecular characterization if any:

5. Image details

Size: 2.6 µm broad & Trichome 4.1 µm long

Description:

Expanded thallus, thin sheath, end straight,  
cells nearly quadrate.

