

Fluorescence class at DMC-- 22 October 2012

Assigned readings

Basic readings on fluorescence and fluorometers in general, and chlorophyll fluorescence in particular:

Turner Designs– the Basics.pdf

Turner Designs website - practical info.docx

Primer on fluorescence.pdf (some redundancy with Turner Designs – the Basics)

Suggett et al. 2010 – table of contents.pdf (Chapters 3 & 7 are from Suggett et al. – available as an e-book from UMaine library)

Historical use of chlorophyll fluorescence – the classic paper:

Lorenzen 1966.pdf

The method you will use to measure chlorophyll concentration:

JGOFS_chl_method.pdf

Additional reading, if you are interested, mostly on ‘variable fluorescence’:

Chapter 3 Huot Babin overview.pdf

Chapter 7 Richardson taxonomic discrimination.pdf