

Primary Research Paper

***In situ* responses of phytoplankton from the subtropical Lake La Angostura (Tucumán, Argentina) in relation to solar ultraviolet radiation exposure and mixing conditions**

E. Walter Helbling^{1,2,*}, M. Eugenia Farías^{2,3}, M. Verónica Fernández Zenoff^{2,3}
& Virginia E. Villafañe^{1,2}

¹*Estación de Fotobiología Playa Unión (EFPU), Casilla de Correos No. 15, 9103, Rawson, Chubut, Argentina*

²*Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET), San Miguel de Tucumán, Argentina*

³*Planta Piloto de Procesos Microbiológicos Industriales (PROIMI), Avda. Belgrano y Pje. Caseros, 4000, San Miguel de Tucumán, Argentina*

(*Author for correspondence: Tel: +54-2965-498019; Fax: +54-2965-496269; E-mail: whelbling@efpu.org.ar)

Received 15 April 2005; in revised form 12 July 2005; accepted 31 July 2005

Key words: Argentina, CPDs, mixing, photosynthesis, phytoplankton, ultraviolet radiation