

## ***Interactive comment on “Consequences of respiration in the light on the determination of production in pelagic systems” by O. Pringault et al.***

**J. Gattuso**

[gattuso@obs-vlfr.fr](mailto:gattuso@obs-vlfr.fr)

Received and published: 6 November 2006

The purpose of this short comment is to briefly address two points related to the manuscript by Pringault et al. on the very interesting topic of light versus dark respiration in planktonic communities.

1- The terminology used for metabolic processes is confusing. I recommend to use the following terms and acronyms: gross primary production (GPP), net community production (NCP) and community respiration (R or CR).

2- The authors may find papers by Langdon and collaborators on the issue of light vs dark respiration useful. I do not have the paper at hand but I think that the one below

would be relevant:

Langdon C., 1993. The significance of respiration in production measurements based on oxygen. ICES Mar. Sci. Symp. 197:69-78.

---

Interactive comment on Biogeosciences Discuss., 3, 1367, 2006.

**BGD**

3, S722–S723, 2006

---

Interactive  
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper