

From: [Latimer, Jim](#)
To: [Arsenault, Dan](#); [Cobb, Michael](#)
Subject: quick follow up on vegie progressions v N in shallow estuaries
Date: Thursday, May 17, 2018 4:21:07 PM
Attachments: [valiela ecol app 2000.pdf](#)
[Hauxwell chapter 2004.pdf](#)

Dan and Michael,

See page 1015 of the attached article. The figure shows the progression from SAV-phytoplankton dominance at lower N loading to Macroalgae-phytoplankton dominance

Valiela, I., Tomasky, G., Hauxwell, J., Cole, M.L., Cebrián, J., Kroeger, K.D., 2000. Operationalizing sustainability: management and risk assessment of land-derived nitrogen loads to estuaries. *Ecol. Appl.* 10, 1006-1023.

I also include a book chapter synthesizing a whole bunch of other stuff.

Hauxwell, J.J., Valiela, I., 2004. Effects of nutrient loading on shallow seagrass dominated coastal systems: patterns and processes., in: Nielsen, S.L., Banta, G.T., Pedersen, M.F. (Eds.), *Estuarine nutrient cycling: the influence of primary producers*. Kluwer Academic Publishers, Dordrecht, Boston, London, pp. 59-93.