

Supplement of Biogeosciences, 13, 4645–4657, 2016  
<http://www.biogeosciences.net/13/4645/2016/>  
doi:10.5194/bg-13-4645-2016-supplement  
© Author(s) 2016. CC Attribution 3.0 License.



*Supplement of*

## **Nitrogen isotopic evidence for a shift from nitrate- to diazotroph-fueled export production in the VAHINE mesocosm experiments**

**Angela N. Knapp et al.**

*Correspondence to:* Angela N. Knapp (anknapp@fsu.edu)

The copyright of individual parts of the supplement might differ from the CC-BY 3.0 licence.

Supplementary Information Table 1. Measurements of DON concentration ("[DON]") ( $\mu\text{M}$ ) and DON  $\delta^{15}\text{N}$  ( $\text{‰}$ ), and  $\text{PN}_{\text{sink}}$   $\delta^{15}\text{N}$  ( $\text{‰}$ ), made for the VAHINE mesocosms.

Day	M1 [DON] 6m	M1 DON $\delta^{15}\text{N}$ 6m	M2 [DON] 6m	M2 DON $\delta^{15}\text{N}$ 6m	M3 [DON] 6m	M3 DON $\delta^{15}\text{N}$ 6m	M1 $\delta^{15}\text{N}$ $\text{PN}_{\text{sink}}$	M2 $\delta^{15}\text{N}$ $\text{PN}_{\text{sink}}$	M3 $\delta^{15}\text{N}$ $\text{PN}_{\text{sink}}$
1									
2	5.4	3.2					4.0	4.5	4.4
3							3.8	4.1	4.0
4							3.8	4.5	4.1
5							3.0	4.1	
6			7.0	5.1	6.5	6.1	2.7	3.2	3.2
7							2.3	3.1	2.9
8	5.9	4.6					2.9	3.0	2.7
9							2.5	2.9	3.3
10	5.1	5.6	4.9	4.1			2.9	3.3	3.6
11							3.4	3.3	2.7
12	5.4	6.0			5.4	5.5	4.0	2.8	3.3
13							2.7	2.7	3.0
14	5.5	4.5	5.1	4.7			2.4	3.1	2.5
15							4.2	2.4	6.4
16					4.9	4.7	2.0	1.4	3.8
17							1.7	3.7	3.7
18							1.2	1.0	3.2
19	5.1	4.2	3.6	4.7	5.2	6.7	1.4	0.4	3.4
20			5.4	5.0	5.3	4.5	4.1	2.9	5.4
21							5.8	0.8	4.2
22			5.9	4.5	5.7	4.0	0.6	0.8	1.7
23			6.0	4.5			0.2	0.7	0.7
24							0.5	0.1	0.6