

Peer Reviewed, International Publications

- 16) **Kamp A**, Stief P, Bristow LA, Thamdrup B and Glud RN (2016) Intracellular nitrate of marine diatoms as a driver of anaerobic nitrogen cycling in sinking aggregates. *Front Microbiol* 7:1669. doi: 10.3389/fmicb.2016.01669
- 15) Stief P, **Kamp A**, Thamdrup B and Glud RN (2016) Anaerobic nitrogen turnover by sinking diatom aggregates at varying ambient oxygen levels. *Front Microbiol* 7: 98. doi: 10.3389/fmicb.2016.00098
- 14) **Kamp A**, Høgslund S, Risgaard-Petersen N, Stief P (2015) Nitrate storage and dissimilatory nitrate reduction by eukaryotic microbes. *Front Microbiol* 6: 1492. doi: 10.3389/fmicb.2015.01492
- 13) Keeling PJ, Burki F, Wilcox HM, Allam B, Allen EE, [...], **Kamp A**, [...], Worden, AZ (2014) The Marine Microbial Eukaryote Transcriptome Sequencing Project (MMETSP): Illuminating the functional diversity of eukaryotic life in the oceans through transcriptome sequencing. *PLoS Biol* 12(6): e1001889. doi:10.1371/journal.pbio.1001889
- 12) Stief P, Fuchs-Ocklenburg S, **Kamp A**, Manohar C-S, Houbraken J, Boekhout T, de Beer D, Stoeck T (2014) Dissimilatory nitrate reduction by *Aspergillus terreus* isolated from the seasonal oxygen minimum zone in the Arabian Sea. *BMC Microbiol* 14: 35. doi:10.1186/1471-2180-14-35
- 11) Bühring SI, **Kamp A**, Wörmer L, Ho S, Hinrichs K-U (2014) Functional structure of laminated microbial sediments from a supratidal sandy beach of the German Wadden Sea (St. Peter-Ording). *J Sea Res* 85: 463–473
- 10) **Kamp A**, Stief P, Knappe J, de Beer D (2013) Response of the ubiquitous pelagic diatom *Thalassiosira weissflogii* to darkness and anoxia. *PLoS ONE* 8(12): e82605. doi:82610.81371/journal.pone.0082605
- 9) Stief P, **Kamp A**, de Beer D (2013) Role of diatoms in the spatial-temporal distribution of intracellular nitrate in intertidal sediment. *PLoS ONE* 8(9): e73257. doi:73210.71371/journal.pone.0073257
- 8) Heisterkamp IM, **Kamp A**, Schramm AT, de Beer D, Stief P (2012) Indirect control of the intracellular nitrate pool of intertidal sediment by the polychaete *Hediste diversicolor*. *Mar Ecol Prog Ser* 445: 181-192
- 7) **Kamp A**, de Beer D, Nitsch JL, Lavik G, Stief P (2011) Diatoms respire nitrate to survive dark and anoxic conditions. *Proc Natl Acad Sci U S A* 108: 5649-5654
[Featured in the “in this issue” PNAS summary and rated as “must read” by the Faculty of 1000 Biology; www.f1000biology.com]
- 6) Dunker R, Roy H, **Kamp A**, Jørgensen BB (2011) Motility patterns of filamentous sulfur bacteria, *Beggiatoa* spp. *Fems Microbiol Ecol* 77: 176-185
- 5) **Kamp A**, Roy H, Schulz-Vogt HN (2008) Video-supported analysis of *Beggiatoa* filament growth, breakage, and movement. *Microb Ecol* 56: 484-491
- 4) Papenbrock J, Reimenschneider A, **Kamp A**, Schulz-Vogt HN, Schmidt A (2007) Characterization of cysteine-degrading and H₂S-releasing enzymes of higher plants - From the field to the test tube and back. *Plant Biol* 9: 582-588
- 3) **Kamp A**, Stief P, Schulz-Vogt HN (2006) Anaerobic sulfide oxidation with nitrate by a freshwater *Beggiatoa* enrichment culture. *Appl Environ Microbiol* 72: 4755-4760
[rated “recommended” by the Faculty of 1000 Biology; www.f1000biology.com]
- 2) Bühring SI, Ehrenhauss S, **Kamp A**, Moodley L, Witte U (2006) Enhanced benthic activity in sandy sublittoral sediments: Evidence from ¹³C tracer experiments. *Mar Biol Res* 2: 120-129
- 1) **Kamp A**, Witte U (2005) Processing of ¹³C-labelled phytoplankton in a fine-grained sandy-shelf sediment (North Sea): relative importance of different macrofauna species. *Mar Ecol Prog Ser* 297: 61-70

PhD Thesis

Kamp A (2007) Growth and nitrate reduction of *Beggiatoa* filaments studied in enrichment cultures. PhD thesis. *Gottfried Wilhelm Leibniz University of Hannover*: 81p. URL: <http://edok01.tib.uni-hannover.de/edoks/e01dh08/557103622.pdf>