

PUBLICATIONS

- Espinasse, B., Basedow, S., **Schultes, S.**, Zhou, M, Berline, L. and Carlotti, F. in press. Conditions for assessing zooplankton abundance with LOPC in coastal waters. *Progress in Oceanography*. <http://dx.doi.org/10.1016/j.pocean.2017>.
- Trommer, G., Poxleitner, M., Lorenz, P., Bitzilekis, E., Gogaladze, A., **Schultes, S.**, Stibor, H. 2017. Altered food-web dynamics under increased nitrogen load in phosphorus deficient lakes. *Aquatic Sciences*: DOI 10.1007/s00027-017-0551-2
- Russo, E., Franke, K., Hager, H., Espinasse, B., Stibor, H., **Schultes, S.** 2016. Modifying the functional diversity in the zooplankton assemblage of an oligotrophic lake differentially affects pelagic community structure and biomass. *Food Webs* 8: 23-31.
- Marcolin, C.R., **Schultes, S.**, Jackson, G.A., Lopes, R.M. 2013. Plankton and seston size spectra estimated by the LOPC and ZooScan in the Abrolhos Bank ecosystem (SE Atlantic), *Continental Shelf Research*; <http://dx.doi.org/10.1016/j.csr.2013.09.022>
- Schultes, S.**, Sourisseau, M., Lunven, M., LeMasson, E., Marié, L. 2013. Influence of physical forcing on mesozooplankton communities at the Ushant tidal front. *Journal of Marine Systems*. 109-110: 191-202; doi:10.1016/j.jmarsys.2011.11.025
- Team of authors, 2011. Coastal Zones: 21st Century Challenges. Document for Country and UN Delegation. Rio+20, United Nations Conference on Sustainable Development, Marine Sciences for Society (http://www.unifi.it/upload/sub/notizie/Rio20_Delegations_Coastal_Zones.pdf) accessed on March 2nd 2018.
- Schultes, S.**, Lambert, C., Pondaven, P., Corvaisier, R., Jansen, S., Ragueneau, O. 2010. Recycling and uptake of Si(OH)₄ when protozoan grazers feed on diatoms. *Protist* 161 (2): 288-303.
- Schultes, S.**, Lopes, R.M. 2009. Laser Optical Plankton Counter and Zooscan intercomparison in tropical and subtropical marine ecosystems. *Limnology & Oceanography Methods* 7: 771-784
- Klaas, C., Verity, P., **Schultes, S.** 2008. Determination of copepod grazing rates on natural plankton communities: correcting for trophic-cascade effects. *Mar Ecol Prog Ser* 357:195-208, doi: 10.3354/meps07262
- Pondaven, P., Gallinari, M., Chollet, S., Bucciarelli, E., Sarthou, G., **Schultes, S.**, Jean, F. 2007. Grazing-induced changes in cell wall silicification in a marine diatom. *Protist* 158: 21-28.
- Ragueneau, O., **Schultes, S.**, Bidle, K., Claquin P., Moriceau, B. 2006. Si and C interactions in the world ocean: importance of ecological processes and implications for the role of diatoms in the biological pump. *Glob Biogeochem Cycl Vol. 20* GB4S02 doi: 10.1029/2006 GB002688, 2006
- Schultes, S.**, Verity, P. G., Bathmann U. 2006. Biogeochemical relevance of copepod grazing in the Antarctic Circumpolar Current (ACC): I. Feeding patterns before and during an iron-induced diatom bloom and their impact on prey populations. *J Exp Mar Biol Ecol* 338: 16-34
- Scarratt, M. G., Levasseur, M., **Schultes, S.**, Michaud, S., Cantin, G., Vézina, A., Gosselin, M., de Mora, S. J. 2000. Production and consumption of dimethylsulfide (DMS) in North Atlantic Waters. *Mar Ecol Prog Ser* 204: 13-26
- Schultes, S.**, Levasseur, M., Michaud, S., Cantin, G., Wolfe, G., Gosselin, M., de Mora, S. 2000. Dynamics of dimethylsulfide production from dissolved dimethylsulfoniopropionate in the Labrador Sea. *Mar Ecol Prog Ser*: 202, 27-40
- Cantin, G., Levasseur, M., **Schultes, S.**, Michaud, S. 1999. Dimethylsulfide production by size-fractionated particles in the Labrador Sea. *Aquat Microb Ecol* 19: 307-312