

Publikationen

2017

G. Trommer, M. Poxleitner, **P. Lorenz**, E. Bitzilekis, A. Gogaladze, S. Schultes and H. Stibor, (2017). Altered food-web dynamics under increased nitrogen load in phosphorus deficient lakes. *Aquatic Sciences*. doi: 10.1007/s00027-017-0551-2

2016

M. Poxleitner, G. Trommer, **P. Lorenz** and H. Stibor (2016) Effects of increased atmospheric nitrogen load on phytoplankton in a phosphorus limited lake. *Freshwater Biology*. doi: 10.1111/fwb.12821

Eingereicht

P. Lorenz, G. Trommer and H. Stibor, (submitted). Increasing nitrogen:phosphorus ratios influence zooplankton community compositions and whitefish (*Coregonus macrophthalmus*) growth in a pre-alpine lake.

P. Lorenz, G. Trommer, A. Hofmeister and H. Stibor, (submitted). Ammonium exposure of *Daphnia haylina* induces life history shifts similar to fish kairomones.

In Vorbereitung

- G. Trommer, **P. Lorenz**, A. Lentz, P. Fink and H. Stibor (in preparation). Nitrogen supply in lakes leads to changing fatty acid composition of phytoplankton and negatively affects zooplankton.

Konferenzbeiträge

- **P. Lorenz**, G. Trommer, A. Hofmeister and H. Stibor (2017), Ammonium exposure of *Daphnia* (*Daphnia hyalina*) induces similar life history shifts as fish kairomones. Deutsche Gesellschaft für Limnologie (DGL), Cottbus, Deutschland.
- G. Trommer, **P. Lorenz**, A. Lentz, P. Fink and H. Stibor (2016), Nitrogen supply in lakes leads to changing fatty acid composition of phytoplankton and negatively affects zooplankton. International Society of Limnology Austria (SIL Austria) - Deutsche Gesellschaft für Limnologie (DGL), Wien, Österreich.
- **P. Lorenz**, G. Trommer and H. Stibor (2015), Increased atmospheric N-deposition can lead to shifts in zooplankton densities in P-limited lakes. Fresh Blood for Fresh Water (FBFW), Mondsee, Österreich.
- **P. Lorenz**, G. Trommer and H. Stibor (2015), Influences of N-deposition on a food web of a P-limited lake. Association for the Sciences of Limnology and Oceanography (ASLO), Granada, Spanien.
- **P. Lorenz**, G. Trommer and H. Stibor (2014), Increased N-input alters zooplankton densities in P-limited lakes. Deutsche Gesellschaft für Limnologie (DGL), Magdeburg, Deutschland.
- G. Trommer, M. Poxleitner, E. Bitzilekis, A. Gogaladze, **P. Lorenz** and H. Stibor (2014), Nitrogen deposition on phosphorus limited lakes: Effects of increasing phosphorus limitation. International Society of Limnology Austria (SIL Austria), Lunz, Österreich.

- G. Trommer, M. Poxleitner, E. Bitzilekis, A. Gogaladze, **P. Lorenz** and H. Stibor (2013), Einfluss von erhöhter Stickstoffzufuhr auf Seeökosysteme- ein experimenteller Ansatz. Deutsche Gesellschaft für Limnologie (DGL), Potsdam, Deutschland.