

# Taskforce lakselus – presentasjoner, artikler, MSc-oppgaver mm

Oversikt per januar 2020

## Presentasjoner (muntlig og postere) på konferanser og andre offentlige sammenhenger

### 2017

Båtnes A. S. (August 2017) *Taskforce salmon lice – understanding the mechanisms*. NTNU meets Aquaculture, AquaNOR

Båtnes A. S. (September 2017) *Taskforce lakselus*. Teknas Havbrukskonferanse

Jevne L. S. (oktober 2017) The distribution of planktonic stages of salmon lice (*Lepeophtheirus salmonis* Krøyer) in salmon farms related to biofouling and the use of louse skirts. Aquaculture Europe 2017, Dubrovnik, Kroatia

### 2018

Båtnes A. S. (Januar 2018) *Taskforce lakselus: mekanismer for spredning av lakselus*. FHF's lusekonferanse

Torres, C. (Januar 2018) *Effects of the salmon crowding on the spread of the sea lice*. FHF's lusekonferanse

Jevne, L. S. (mai 2018) *Taskforce lakselus*. Presentasjon, Ocean Week 2018, Trondheim

Guragain, P. (juni 2018) The potential and challenges of gene editing in sea lice. Gene editing technology seminar, Taskforce salmon lice, NTNU

Båtnes A. S. (Oktober 2018) *Taskforce salmon lice: spread and infection mechanisms of sea lice within and between farmed and wild populations of salmonids*. Masterstudenter Ocean Resources, NTNU

Båtnes, A. S., Bones, A. M., Guragain, P., Guttu, A. M., Jevne, L. S., Nytrø, A. V., Olsen, R. E., Reitan, K. I., Winge, P., Østerhus, S., and Olsen, Y. (November 2018) *Taskforce salmon lice – spread and infection mechanisms of sea lice within and between farmed and wild populations of salmonids*. Poster, SeaLice2018 conference, Chile

Jevne, L. S., Reitan, K. I. (November 2018) Implication of change in methods for delousing and controlling salmon lice (*Lepeophtheirus salmonis*) in a salmon producing area in central Norway in the period 2012 to 2017. Poster, SeaLice2018 conference, Chile

Guragain, P., Winge, P., Olsen, Y., Bones, A. M. (November 2018). Developing a method for genome editing in *Lepeophtheirus salmonis* using CRISPR-Cas9 system. Poster, SeaLice2018 conference, Chile

Båtnes A. S. (November 2018) *Taskforce salmon lice: spread and infection mechanisms of sea lice within and between farmed and wild populations of salmonids*. Marine science seminar, Ocean Resources, NTNU

## 2019

Jevne, L. S. (januar 2019) Varierende lusepress. En situasjonsbeskrivelse av lusetall, avlusninger og planktonprøver fra Nord Frøya i perioden 2011-2018. FHF's lusekonferanse, Trondheim

Båtnes A. S. (Februar 2019) *Taskforce salmon lice: spread and infection mechanisms of sea lice within and between farmed and wild populations of salmonids*. Havforskermøtet 2019, Tromsø

Dimmen Ø. V. (Februar 2019) *Characterization of seasonal variations in planktonic sea lice abundance in association to fish farm installations at Frøya*. Havforskermøtet 2019, Tromsø

Gaasø M. (Februar 2019) *Salmon lice during freshwater treatment*. Havforskermøtet 2019, Tromsø

Fotland E. (Februar 2019) *Energy availability of Salmon lice (Lepeophtheirus salmonis) in the free-living stages*. Havforskermøtet 2019, Tromsø

Båtnes A. S. (August 2019) *Taskforce salmon lice*. Pitch, NTNU Alumni-treff, Aqua Nor

Jevne L. S. (oktober 2019) Lakselus utvikling i et område med koordinert brakklegging, gjennom 3 produksjonssykluser. Lakselus strategi Rogaland 31. oktober 2019

Båtnes A. S., Vatn J. A. Å., Solstad M. A., Bjørnstad L. F., Børset E., Tyssedal J. S., Sture Ø., Ludvigsen M., Evensen Ø., Altin D., Miljeteig C. (oktober 2019) Light responses of salmon louse (*Lepeophtheirus salmonis*) copepodites. Poster: Aquaculture Europe 2019 conference, Berlin, Tyskland

Olsen Y. (oktober 2019) *Taskforce salmon lice*. Marine chemical ecology seminar, Taskforce lakselus, NTNU.

## Publikasjoner

Misund A. U. (2019) From a natural occurring parasitic organism to a management object: Historical perceptions and discourses related to salmon lice in Norway. [Marine Policy 99:400-406](#)

Jevne L. S. and Reitan K. I. (2019) How are the salmon lice (*Lepeophtheirus salmonis* Krøyer, 1837) in Atlantic salmon farming affected by different control efforts: A case study of an intensive production area with coordinated production cycles and changing delousing practices in 2013-2018. [Journal of Fish Diseases 42: 1573-1586](#).

Lone Jevne, Margrete Øverlid, Andreas Hagemann, Nina Bloecher, Kristine Braaten Steinhovden, Anna Solvang Båtnes, Yngvar Olsen, Kjell Inge Reitan (submitted) Biofouling on salmon net-cages and cleaner fish shelters does not harbour planktonic stages of sea lice.

## Masteroppgaver

Ingebrigtsen, Henriette (2017) Molecular quantification of sea lice in and around sea cages - A study comparing the molecular quantification method qPCR against a conventional method. NTNU <http://hdl.handle.net/11250/2446614>

Øvrelid, Margrete Slåtsve (2017) Characterization of planktonic sea lice distribution and association to fish farm installations. NTNU <http://hdl.handle.net/11250/2446823>

Torres Puerto, Juan Carlos (2018) Effects of salmon crowding during operational practices in sea cages on the dispersion of salmon lice. DTU, NTNU <https://findit.dtu.dk/en/catalog/2397914637>

Dimmen, Øystein Vågen (2019) Abundance of planktonic sea lice in intensive sea farm locations at Frøya: January-September 2018. NTNU <http://hdl.handle.net/11250/2618085>

Masteroppgaver tilknyttet prosjektet Profylax:

1. Vatn, Jørgen Andreas Åm (2019) Metode for kartlegging av den fototaktiske svømmeresponsen til *Lepeophtheirus salmonis*. NMBU, NTNU <https://nmbu.brage.unit.no/nmbu-xmlui/handle/11250/2600181>
2. Børset, Elisabeth (2019) Investigating the Phototactic Response of Salmon Lice: Design and Analysis of Experiments. NTNU <https://ntnuopen.ntnu.no/ntnu-xmlui/handle/11250/2617257>
3. Bjørnstad, Live Forfang and Solstad, Maria Arild (2019) Investigation of light response and swimming behaviour of salmon lice (*Lepeophtheirus salmonis*) using feature detection and tracking. NTNU <https://ntnuopen.ntnu.no/ntnu-xmlui/handle/11250/2622957>

Alsвик, Margrét Baldursdóttir (2019) The response of salmon lice nauplii and copepodids (*Lepeophtheirus salmonis*) to artificial light stimuli. NTNU

Gaasø, Maria (2020) Sea lice during freshwater treatment. NTNU