

Oona published a paper in *Proceedings B* on the effects of bleaching on coral reef fish which received a lot of national and international media attention. Another paper by **Oona** and **Peter** describing the effects of microplastics on fish larvae was published in *Science* on June 3. This significant work was followed by several press releases (for example here: <http://www.bbc.com/news/science-environment-36435288>).

Oona was also awarded a scholarship from King Carl XVI 50th Birthday Fund for Science, Technology and Environment, and attended a ceremony at the castle with her husband on May 31. In addition, Oona was awarded the Benzelius reward from the Royal Swedish Academy of Science for her research concerning environmental effects on fish communities.



SITES

Erkenlaboratoriet

On May 12-13 eight people went from Uppsala to Erken to support William and Don during the assembly of the CO₂ chambers. Despite wire-stripping, tube shrinking, drilling and painting, the group soldered cables and made sensors run successfully. Everyone was quite euphoric about the progress they made and about making every sensor work at the first go. In the evening chambers-building crew played Kubb and enjoyed the sauna and swimming in the lake. Some people even jumped into the lake from the new peer for KAWater mesocosms.



New people

Fabian Engel started his PhD in June. He will model the various functions of lakes in the global carbon cycle.



Krishna Narayan will start his research training with **Anna S.** He is currently pursuing the Masters in Molecular biotechnology and will work on developing the *in situ* detection of phage-infected bacteria in environmental samples.

Raven Bier started a post-doc funded by the Carl Tryggers foundation. She will conduct a land-based mesocosm experiment at Erken to investigate how environmental fluctuations influence bacterial metacommunities.



Christin Manthey is a master student from the Free University of Berlin. She will focus on the zooplankton dynamics in the KAWater mesocosms.

Julie Garrison is a master student from Stockholm University. She will study the phytoplankton and periphyton production within the KAWater project.



More work was done on May 30 when **Anna N., Frizza** and **Fernando** went to Erken to prepare the attachments and the plastic strips for the mesocosms.



EBC excursion

Does anyone want to know about the interesting history of the Swedish iron works? Ask any of the limnologists in the photo!



Limno representation at the spring excursion of the Department of Ecology and Genetics

A number of people are leaving Uppsala's Limnology soon, so let's look back at their work at Limno, and, of course, wish them a happy life, full of new discoveries and adventures!

Núria left in June after two years as a postdoc, and before that a few months with us during her PhD studies in Spain. She has contributed greatly to the discussions and nice atmosphere in the biogeochemistry group, and in the limno department as a whole. Among her achievements is the paper in the last issue of *Nature Geoscience*, on "Organic carbon decomposition rates controlled by water retention time across inland waters". Núria will continue her research at the Catalan Institute for Water Research (ICRA) in Girona, Spain. Some of her continued work will be based on sampling in Sweden.



Erik is leaving us in August after a three year postdoc, two years at MIT in Boston followed by one year at limnology. He introduced his Monday seminar on May 30 by saying "limnology in Uppsala is the best academic environment I have experienced - with many interesting projects going on, and a place where we interact and take care of our common environment". He encouraged us to be careful to protect this atmosphere! We wish Erik good luck with his new researcher position at BMC, where he will continue developing his passion for Archea.



Heli is leaving after two years of working on archaeal and eukaryotic diversity in boreal lakes, including the effects of a DOC gradient in humic lakes and a latitude gradient. She also worked on fermentative microbes in anaerobic boreal ecosystems. Her new job is at the University of Jyväskylä in Finland where she will be working on biological soil crusts in Arctic sand dunes.



Lycka til Núria, Erik, and Heli!

Teaching

Gesa, Karólína, Jovana, Annika, and Anastasija were teaching Ecology and Population Genetics course at Erken, with two groups of students attending



on different days. A total of 56 biology students participated in the course. As a part of limnological training they measured pCO₂ from the lake, went on a boat to take water samples for lab analyses, and incubated water for respiration experiments. The trip was not without adventures, and on the first day **Karólína** and **Karin** got to save a sheep that got stuck in a fence. They used their analytical thinking and physical strength to lift the sheep up (quite high, reportedly) and set it free.



The talents of our colleagues often go beyond their research. Enjoy this piece from Erik Pelve and feel inspired to be creative!

Application lamentation

The postdocs are in agitation
As they struggle with their application
For funding to pay for their research duration
And perhaps a device that is used for filtration
Or for measure of acidification
They struggle with VR's quotation
To explain their project's aspiration
And resist reconsideration
They fight with their growing frustration
With budget re-calculation
And hope for eventual salvation
From the agencies' administration
Godspeed to us all, in high education
Let us hope for a generous interpretation
Fulfillment of our great expectation
And our eventual facultative incorporation