

Ukens bilde



Spring is coming!

Photographer: **John & Hilary Birks**

This is a picture from John & Hilary Birks' 2010 Calendar, which has Scandinavian Alpines as its theme. It is a kind of mountain heather, *Cassiope hypnoides* and not a *Galanthus* sp. (snowdrop).

We are missing our snowdrops, which normally would have been blooming already ...

You are invited to submit photos (electronically!) for "Ukens bilde". Please include a very short description and credit information. Picture can be of researchers / students in action, technology, organisms, field sites ... Please send your pictures to [Elinor Bartle](#)

Innhold:

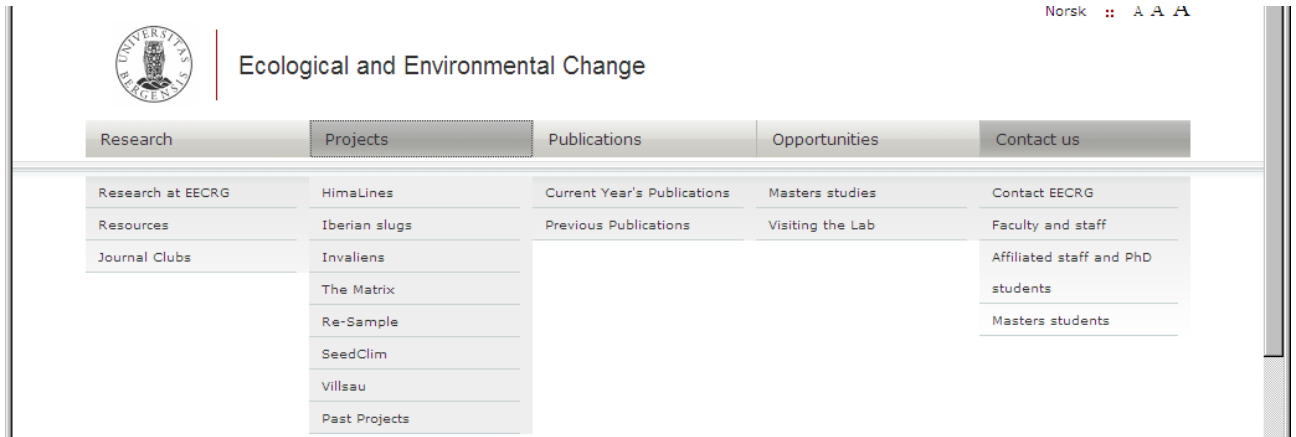
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Siste nytt fra BIO

Informasjon om ventilasjon i nybygget og en prøveordning av sortering av FOLIEPLAST

Congratulations to EECRG!

The **EECRG group** have made great progress on their external web pages. Their [English pages](#) are now providing useful information to the audiences important to them (internal communication, current and prospective scientific collaborators, students, research application evaluators, etc.). They have made good choices that work for their group's priorities for their internal menus.



With just a little effort, their [Norwegian pages](#) could also provide more information:

- a box for **students** in the left (profile information) margin with links to BIO / MatNat / UiB's information on registration / applying / courses AND with a link to their own page on the English side about Masters' opportunities. Maybe links for potential PhDs too (the UiB pages are great)
- a link to **"people"** (to the Faculty and Staff list on the English side)
- maybe a link to **projects** (especially if they were to make a one page general project page on the English side – a navigation page!!)

I also feel that the publication box could be shorter with a link into a longer page (and maybe in the middle field rather than the profiling field ...)

Great work EECRG!

Informasjon om ventilasjon i nybygget

Ståle Kolbeinson har fått informasjon frå driftssjef Terje Gunnestad om ventilasjon i nybygget (Thormøhlens gate 53 A & B)

Ventilasjon i nybygget (Thormøhlens gate 53 A & B)

Kontorareal: Ventilasjon er i drift mandag til fredag kl 0530 til 1900.

Laboratorier: Ventilasjon er i full drift døgnet rundt.

Sortering av FOLIEPLAST

BIO er med på en prøveordning av sortering av FOLIEPLAST, sammen med brukerne av BB-bygget. Prøveperioden varer frem til påske.

Definisjon av Folieplast: Mykplast og bobleplast. Lett å dra i og lett å trykke hull i. Plast som holder varer sammen på en palle er eksempel på folieplast.

Folieplasten skal sorteres ut i egne perforerte sekker. Fulle sekker kastes i pappkomprimatoren i Miljøstasjonen. BIR henter folieplasten sammen med pappen og sorterer den ut etterpå. Denne type plast går til gjenvinning, ikke til forbrenning.

De teknisk ansatte vil organisere innsamlingen i hver etasje/gruppe.

Popular science shortie on the external web

featuring **Laila Reigstad**, **Steffen Jørgensen** and **Christa Schleper**

Taking microscopic steps forward

Understanding the vast and complex microbial world around us is a difficult and complex process – we cannot see most of it!! However, thanks to better visualising tools and advances in molecular technology we are learning more – or coming to understand how little we know! [Read more.](#)

Siste nytt fra STIM



Stim-news STIM elections- Next Monday!

Other than delicious warm waffles, STIM has an important announcement to make regarding elections for the new STIM board that are to take place **Monday March 8th at 16:30** on the **3rd floor of B-Block** of the new buildings (the big comfy couch, one floor up from where we sell waffles). STIM is an organization currently made up of 7 volunteers who work with BIO administration and represent students in hopes of improving student life. In trying to achieve this, we also organize events such as PhD seminars, semester trips, welcome in new students at semester start, and sell waffles.

In order to successfully move into the future and continue to improve STIM and our study environment we need eager master and PhD students to volunteer their time. If you have any questions or are interested in having a position, please email any of the board members whose contact information is below. Other than that, we look forward to seeing you next Monday!

Kristine Wilson, President, Kristine.Wilson@student.uib.no

Sofia Fortunato, Vice President, Sofia.Fortunato@sars.uib.no

Annette Bernhard, Secretary, Annette.Bernhard@student.uib.no

Christian Irgens, Treasurer, Christian.Irgens@student.uib.no

Puja Gupta, PhD Representative, emailpuja@gmail.com

Cindy Pedrosa, Social Events & Waffler, Cindy.Pedrosa@student.uib.no

Eric Leiser, Media, Resigned after graduation in fall 2009

Siste nytt fra verden rundt oss

Ny immigrasjonslov, Promosjonsvideo for BM, Earth Hour, Kurs for master/Phd veiledere, Realfagene i media, Univeristetets finansiering, Prioriteringer i polarforskningen

New Immigration Law in effect

01.01.2010 Norway's New Immigration Act came into effect. Curious about what this means? UiB is holding two meetings next week to present the new legislation and its consequences.

Wednesday 10 March:

Meeting 1 is for administrative and personnel staff at UiB 12:30 – 15:00. [Learn more.](#)

Meeting 2 is for foreign employees 15:30 – 17:00. [Learn more.](#)

Promotional video for BM made by Medievitenskap students

Potential collaboration for BIO courses / labs?? [Check it out.](#)

Bergen Chamber of Commerce's INN Monthly mail- March 2010

"The winter is still pretty cold, and a new snow record has been set in Bergen. But don't give up, the spring is closer every day now! Here is a list of some news and things to do in Bergen the next couple of weeks." Things to do, useful tips and more ... [Read more ...](#)



Earth Hour is coming

Take a stand by joining the millions of people world-wide participating in [Earth Hour](#). It's as easy as turning off your lights. On **March 27 at 20:30**, hundreds of millions of people around the world will turn off their lights for an hour to demand action on climate change.

[Earth Hour](#) started in 2007 in Sydney, Australia. It has spread every year with global landmarks such as the, Sydney Harbour Bridge, The CN Tower in Toronto, The Golden Gate Bridge in San Francisco, and Rome's Colosseum, all standing in darkness, as symbols of hope for a cause that grows more urgent by the hour. [Norway's Earth Hour web page](#)

Reminder of the courses for masters / PhD advisors

Deadline to register is 19 March. [learn more](#).

IMBER – Integrated Marine Biogeochemistry and Ecosystem Research

[February Newsletter](#) contains information about: Funding and collaborative opportunities, Early career scientist opportunities, Jobs, Publications / Web resources, Meetings / Conferences / Workshops



Realfagene i det siste

Jenter kan redde realfagene

Jentene kan redde både realfagene og verden. Les mer fra [Telemarksavisa](#) (Bjørn Åge Tømmerås)

Storsatsing skal gi realfagsboom

– Real FAG inngår i mye som holder samfunnet i gang. Derfor er det bra at det blir satset på dette, sier realfagsstudentene Marta Lill Sele og Mari Wøien Håland. Les mer fra [Studvest](#) (Bjørn Åge Tømmerås, realfagsstudentene Marta Lill Sele og Mari Wøien Håland)

Realfagsløfte frå regjeringa

Kunnskapsdepartementet lovar millionar til realfaga. Les mer fra [På Høyden](#) (Fakultetsdirektør Bjørn Åge Tømmerås)

Ingen fagkritikk på mat.nat

Ingen fagutvalg ved Det matematisk-naturvitenskapelige fakultet stiller med program til fagkritisk dag på torsdag. – Ikke noe problem, mener leder i Realistutvalget. Les mer fra [Studvest](#) (Matnat.studentene Anders Teigland , Lise Nedrebø, Sigurd Hunstad, Tom Henrik Andersen og Sondre Eliasson) * Les også [lederen](#) i Studvest som omtaler denne saken

Stoppet av snøen

Både campusbussen og postkjøringen ble torsdag innstilt inntil videre. Brøyteutstyret kollapset. Les mer fra [På Høyden](#)

Universitetenes finansering

Tvilsomt med flere studieplasser

UiB sliter med å møte utdanningsbølgen de neste årene fordi det allerede er opprettet for mange underfinansierte studieplasser. Rektor Sigmund Grønmo frykter reduksjon istedenfor økning. Les mer fra [På Høyden](#)

Grunnmuren forvitrer

Ikke å gjeninnføre et større handlingsrom for universitetene, vil få alvorlige konsekvenser for norsk forskning og utdanning. Les mer fra [På Høyden](#) Kronikk av Sigmund Grønmo, rektor UiB, Ole Petter Ottersen, rektor UiO Kronikken sto først på trykk i Aftenposten 25.02.2010

Mindre handlingsrom for UH-sektoren

Til tross for økte bevilgninger fra staten er handlingsrommet til universitetene og høyskolene betydelig mindre, ifølge rapporten Handlingsrom for kvalitet. Nå vil sektoren ha mer frihet og mindre detaljstyring. Les mer fra [På Høyden](#)

23 milliarder ikke nok

Finansieringen av høyere utdanning må legges om slik at sektoren blir i stand til å ta imot et økende antall studenter. Les mer fra [Teknisk Ukeblad](#)

BIO-info

Nyheter fra Institutt for biologi

Polarforskning ses i sammenheng

Hva er de sentrale utfordringene for norsk polarforskning? I et nytt policydokument oppsummerer Forskningsrådet hvilke prioriteringer som bør tas innen polarforskningen de tre neste årene.

[Les mer](#)



Ledige stillinger for biologer

Sjekk oversikten på [JOBBNORGE!](#)

15.03	PhD Molecular Ecology , Bodø University College, Norway
15.03	PhD position : Geology/Geography/Biology, Dept. of Geosciences & Geography, Univ. Helsinki, Finland
15.03	Sommerjobb Arboretetet og Botanisk Hage på Milde
17.03	PhD positions at Institute of Biology, Syddansk Universitetet (five fellowships are offered within the topics Environmental Stress and Aquatic Ecology)
26.03	Project Officer with the International Project Office of the Surface Ocean- Lower Atmosphere Study (SOLAS).
30.03	Full professor in Biological Oceanography at IFM-GEOMAR in Kiel, Germany. More
31.03	Faculty position in BioGeology , Université Libre de Bruxelles, Belgium
31.03	2 post docs University of Washington
23.04	Professorship in plant physiology at the University of Innsbruck, Austria
?	Postdoc position on biogeochemical modelling, Brest, France
Spring 2010	10 post doctoral positions at The Alexander von Humboldt Foundation and the Cluster of Excellence „The Future Ocean” at the Christian-Albrechts University in Kiel, Germany

Forskning: utlysninger, nye satsinger og prosjekter

Utllysning: NATUROGNAERING – Forskningsrådet,

13 mill kr. til forskning på biogass fra landbruket og mikroalger til bioenergi og karbonfangst (NATUROGNAERING)



Utllysning innen temaene biogass fra landbruket og mikroalger. Åpent for KMB og BIP prosjekter (biogassutlysningen) og Forsker-, KMB og BIP prosjekter (mikroalger).

Søknadsfrist: 21.04.2010

[Les mer](#)

Daniel Jouvence International Prize for young researchers in Marine Biology

The Prize is awarded by the Daniel Jouvence - Institut de France Foundation. The topic for 2010 is: Environmental management and economic use of excessive algal biomass. The prize carries a value of 4000euro. The deadline for applying is 30 April. [Learn more.](#)

Mer info om følgende utlysninger og mange flere (inkl. løpende, dvs. uten frister) finner du [her](#)

Husk å sende søknadsutkastet til post@bio.uib.no 1 uke i forveien (gjelder ikke mindre bevilgninger som legater og fonds)

8. mar	BTO-VisjonVest stipendkonkurranse
12. mar	Bergen Forskningsstiftelse - rekrutteringsprogrammet
15. mar	MESOAQUA : second call for participation in trans-national access at one of the network's mesocosms

BIO-info

Nyheter fra Institutt for biologi

17. mar	ERC Advanced Grants, Life sciences
17. mar	Research Training Courses (NordForsk)
22. mar	HFSP preregistration
25. mar	Marie Curie International Research Staff Exchange Scheme (IRSES)
25. mar	Researcher Networks 2010 (NordForsk)
26. mar	COST pre-proposal
31. mar	HFSP Submission deadline
01. apr	Nordic Marine Academy : siste organisering av forskerkurs og støtte til konferanser og workshops
21. apr	SFI Endelig søknad
21. apr	NATUROGNAERING
30. apr	Daniel Jouvance International Prize for young researchers in Marine Biology
01. mai	Nordic Marine Academy : siste mobilitetstipend
02. juni	Aurora-programmet . Forskerutveksling mellom Norge og Frankrike (IS-AUR)

09French-DJ-prize.doc

Faglige møter

Seminar- klassifisering av kystvann, Åpent møte om eInfrastruktur i Forskningsrådet, Workshop arktisk parasittologi på Svalbard, ESF-COST konferanse i Bioteknologi, Ukens orientering HI: Michel Kaiser

Klassifisering av kysst vann

Direktoratet for naturforvaltning, Klima- og forurensningsdirektoratet, Fiskeridirektoratet og Miljøverndepartementet ønsker å invitere til et seminar den **25. mars 2010, kl. 9.30 til 16.00** for å presentere forsknings- og kunnskapsbehovet knyttet til økologisk klassifisering i kystvann. Seminaret vil holdes hos Utdanningsetaten, vis a vis Klima- og forurensningsdirektoratet, Helsfyr. Her finner du [Invitasjon](#) og foreløpig [Agenda](#).

Metagenomic analysis using MEGAN

Daniel Huson, Center for Bioinformatics, Tuebingen University is coming to the Centre for Geobiology to talk about MEGAN, the MEtaGenome ANalyzer, which was developed together with Stephan Schuster at Penn State University. He will report on new developments such as the MEGAN-DB database of analyzed metagenomes and a new KEGG module for analyzing pathways in MEGAN. Monday, 15th of March, 15.00-16.00, CGB's lunch and meeting room 4th floor, Realfagbygget [Learn more](#).

eInfrastructure Scientific Opportunities Panel – åpent møte

Norges forskningsrådet " eInfrastructure Scientific Opportunities Panel " inviterer til en åpent seminar 19 mars 2010 i Oslo. Seminar skal hjelpe a kartlegge behov for eInfrastruktur i Norge. Det er viktig det fagfolk stiller med innspill. [Les mer](#).

IWAP IV at Svalbard

The Fourth International Workshop on Arctic Parasitology is to be held in Svalbard, Norway 1st-4th June 2010. Registration is now open. For further information: www.vetinst.no/iwap

ESF-COST High-Level Research Conference

Marine Biotechnology: Future Challenges
20-25 June 2010
Hotel Villa del Mare, Acquafredda di Maratea, Italy

Find more information about the conference [here](#), [how to apply](#), [Preliminary program](#)

Deadline: 11. april

Ukens orientering HI

Ukens orientering på Havforskningsinstituttet (høyblokken), onsdag 10. mars, kl 1200: Michel Kaiser is Professor of Marine Conservation Ecology at Bangor University. His research focuses on sustainable use of the marine environment. His lecture title is: A scientific dialogue with the fishing industry: the key to future sustainability.

For more information, see his web site: <http://www.sos.bangor.ac.uk/~oss405/kaiser.htm>

Summer school programmes

Date	Location	Course title	application deadline
May 24-29	Mammal Research Institute, Polish Academy of Sciences, Białowieża, Poland	Summer School in Ecology and Biodiversity: Understanding patterns and Processes	31 March
August 23-27	Brest, France	ClimECO2 Oceans, Marine Ecosystems, and Society facing Climate Change	15 April

Nye artikler

Fiskelarver og vibrio, Livshistorietrekk hos laks, Fauna på den Midt-Atlantiske rygg

Øyvind Bergh : Vibrio-ømfintlighet hos piggvar-, kveite- og torskelarver

Nina Sandlund, Odd M. Rødseth, Dag H. Knappskog, Ingrid Uglenes Fiksdal, Øyvind Berg. 2010.

Comparative susceptibility of turbot, halibut, and cod yolk-sac larvae to challenge with *Vibrio* spp. *Dis Aquat Org* 89:29-37.

Abstract: In intensive aquaculture systems, high mortalities are frequently observed during the early life stages of marine fish. The aim of this study was to investigate differences in the susceptibility of turbot *Scophthalmus maximus*, halibut *Hippoglossus hippoglossus* and cod *Gadus morhua* to various strains of *Vibrio anguillarum* (serotypes O1, O2 α and O2 β), *V. salmonicida* and *V. splendidus*. The bath challenge experiments were performed using a multidish system, with 1 egg well⁻¹. Unchallenged eggs and larvae were used as controls. Larvae in challenged groups that suffered high mortality rates were examined by immunohistochemistry. The overall results with respect to mortality showed that the O2 α serotype was pathogenic to all 3 species, while the O1 serotype was pathogenic to halibut and cod. The immunohistochemical examinations revealed differences in histopathology. The O1 serotype produced more severe and highly developed infections than the O2 α serotype. In larvae exposed to the O1 serotype, necrosis and bacterial cells were seen in the dermis, gastrointestinal tract, brain and eye area, while in larvae exposed to the O2 α serotype, bacteria were usually limited to the gastrointestinal tract. These results suggest either that there are undetermined species differences in host immunity or that these pathogens are host-specific even in the early life stages of fish. The O2 β strain did not cause an increased mortality to halibut and turbot.

Mikko Heino: Ulike trender i livshistorietrekkene til villaks og oppdrettslaks

Divergent trends in life-history traits between Atlantic salmon *Salmo salar* of wild and hatchery origin in the Baltic Sea. A. Vainikka, I. Kallio-Nyberg, M. Heino and M.-L. Koljonen 2010. *Journal of Fish Biology* 76, 622–640 doi:10.1111/j.1095-8649.2009.02520.x

Abstract: Four Atlantic salmon *Salmo salar* stocks in the Baltic Sea, varying in their breeding history, were studied for changes in life-history traits over the years 1972–1995. Total length (LT) at age of captured (LTC) fish had increased throughout the study period, partly due to increased temperature and increased LT at release, (LTR) but also due to remaining cohort effects that could represent unaccounted environmental or genetic change. Simultaneously, maturation probabilities controlled for water temperature, LTC and LTR had increased in all stocks. The least change was observed in the River Tornionjoki *S. salar* that was subject only to supportive stockings originating from wild parents. These results suggest a long-term divergence between semi-natural and broodstock-based *S. salar*

stocks. Increased *LT* at age explained advanced maturation only marginally, and it remains an open question to what extent the generally increased probabilities to mature at early age reflected underlying genetic changes.

Christoffer Schander, Hans Tore Rapp, Christianse Todt: Fauenaen ved varme kilder på den midtatlantiske ryggen

The fauna of hydrothermal vents on the Mohn Ridge (North Atlantic). Schander, Christoffer, Rapp, Hans Tore, Kongsrud, Jon Anders, Bakken, Torkild, Berge, Jørgen, Cochrane, Sabine, Oug, Eivind, Byrkjedal, Ingvar, Todt, Christiane, Cedhagen, Tomas, Fosshagen, Audun, Gebruk, Andrey, Larsen, Kim, Levin, Lisa, Obst, Matthias, Pleijel, Fredrik, Stöhr, Sabine, Warén, Anders, Mikkelsen, Nina Therese, Hadler-Jacobsen, Silje, Keuning, Rozemarijn, Petersen, Kristin Heggøy, Thorseth, Ingunn H. and Pedersen, Rolf B. 2010. *Marine Biology Research*, 6: 2, 155 —171

Abstract: The macrofauna of the newly discovered hydrothermal vent field on the Mohn Ridge at 718N was investigated. Samples were collected during the cruise BIODEEP 2006 using the ROV 'Bathysaurus'. A total of 180 species-level taxa were identified. The region contains very few vent-endemic species, but some species of Porifera, Crustacea and Mollusca may be vent-associated. Dense aggregations of motile non-vent species such as *Heliometra glacialis* and *Gorgonocephalus eucnemis* surrounded the vent area, but the area in general only held small numbers of sedentary animals. Calcareous sponges comprised an unusually high portion of the sponge species found and they constitute one of the first pioneers among the sessile invertebrates settling on these vents. Possible explanations for the structure of the fauna in the region are discussed.