

Programme of the 2nd Conference of the Norwegian Ecological Society, March 12-13th 2015, Bergen

WEDNESDAY

- 12.00 - 13.00 Registration opens (ViVite)
 13.00 - 18.00 Pre-conference workshops (ViVite Auditoriums A, B, & C)
 from 19.00 Pre-conference social event (Knut Fægrihus, Villaveien 9)

THURSDAY

Main auditorium ViVite

Auditorium C ViVite

- 9.00 - 9.10 Welcome
- Applied ecology and conservation in the 21st century**
- 9.10 - 9.50 **KEY Stein Byrkeland:** The Nature Diversity Act — from wise men to wise use
- 9.50 - 10.00 **Anne Hertel:** Bears and Berries - Foraging on a patchily distributed food resource
- 10.00 - 10.20 **Anne Sverdrup-Thygeson:** Conservation value in wilderness forest
- 10.20 - 10.30 **Lila Nath Sharma:** Does canopy gap disturbance enhance species diversity in subtropical sal forests?
- 10.30 - 11.00 Coffee and tea break**
- 11.00 - 11.20 **Marianne Evju:** Short-term monitoring can guide decisions in large-scale restoration projects
- 11.20 - 11.40 **Ynghild Storhaug:** Pollination as an ecosystem service: A study on the distribution of pollinators on apple crops in Lofthus, Norway
- 11.40 - 11.50 **Anders Lundberg:** Annual mowing can increase the abundance and distribution of the endangered and red-listed plant species *Serratula tinctoria* L
- 11.50 - 12.10 **Stein Joar Hegland:** Road verge and landscape scale effects on vehicle-deer collision risk
- 12.10 - 13.40 Lunch break and poster session**
- Open session**
- 13.40 - 14.20 **KEY Sigrunn Eliassen:** Extra-pair mating and the evolution of cooperative neighbourhoods
- 14.25 - 14.45 **Christian B. Strømme:** Ultraviolet-B and temperature affect phenological shifts in *Populus tremula*
- 14.45 - 14.55 **Karen Lone:** An adaptive behavioural response to hunting: surviving male red deer shift habitat at the onset of the hunting season
- 14.55 - 15.15 **Eli Rinde:** Changing kelp forests
- 15.15 - 15.25 **Maite Cerezo:** Arctic fox diet in Yamal Peninsula
- 15.25 - 15.30 **Subhash Lele:** Occupancy and Abundance estimation in the presence of detection error: What can we do with single survey?
- 15.30 - 16.00 Coffee and tea break**

The power of phylogenetics to interpret ecological patterns

Markus Arne Kjær Sydenham: Community phylogenetics provide a common currency for the processes involved in community assembly: Exemplified using bee species assemblages

Ole R. Vetaas: Conservative niche continuum: an intercontinental comparison of woody genera along temperature gradients

Mari Heggernes Eilertsen: Speciation in the dark: diversification and biogeography of the deep-sea gastropod genus *Scaphander* in the Atlantic Ocean

Lawrence Kirkendall: Extreme inbreeding

Norwegian changing landscapes

Per Arild Aarrestad: Effects of amine emissions from CO₂-capture plants on vegetation, soil and soil fauna in a nitrogen sensitive terrestrial ecosystem

Kine Blom: Traditional hay-cut management can alleviate the effects of anthropogenic nitrogen deposition on meadows, but only a little

Line Johansen: Evaluations of ecosystem services from vegetation in semi-natural boreal landscapes

Sølvi Wehn: To predict biodiversity consequences of land-use change several biodiversity indexes and ecological drivers have to be invested

Predictive ecology: Past, present and future

- 16.00 - 16.40 **KEY Tron Frede Thingstad:** Predicting the microbial response of the surface ocean ecosystem: modelling and mesocosm experiments
- 16.45 - 16.55 **Audrey J. Geffen:** Post-settlement growth of hake from the Norwegian coast based on otolith microstructure analysis: Evidence for counter gradient variation?
- 16.55 -17.15 **Alistair Seddon:** Untangling the climatic signal of the hemlock decline (*Tsuga canadensis*): a species distribution modelling approach
- 17.15 - 17.25 **Olav Skarpaas:** Predicting the occurrence of hollow oaks
- 17.25 -17.45 **Rob J. Lewis:** Accurate species pool measures through dark diversity estimates: A comparison of methods
- 17.45 -17.55 **John-Arvid Grytnes:** Biodiversity and Ecosystem Service Scenarios Network (ScenNet)
- from 19.00 **Conference dinner (Terminus)**

Managing invasive species

- Inger Auestad:** Spruce on the loose – a project addressing the invasion potential of sitka spruce in coastal Western Norway
- Line Rosef:** Regional invasion of a nitrogen-fixing shrub – the case of *Cytisus scoparius* in SW Norway
- Ursula Brandes:** Genetic analysis of *Cytisus scoparius* expansion in Norway
- Dilli Rijal:** Impact of invasive *Heracleum persicum* (tromsøpalme) on species richness and diversity

FRIDAY

Auditorium Egget, Studentsenteret

Glocal ecology in the Anthropocene

- 09.00 - 9.40 **KEY Jens-Christian Svenning:** Biodiversity in a world of human dominance and rapid change – anthropocene challenges and opportunities
- 09.40 - 10.00 **Siri L. Olsen:** From facilitation to competition: temperature-driven shift in dominant plant interactions affects population dynamics in semi-natural grasslands
- 10.00 - 10.10 **Aud Halbritter:** Climate change effects on phenology in alpine plant communities
- 10.10 - 10.30 **Magnus Svendsen Nerheim:** Microbial diversity of plastic associated marine biofilms
- 10.30 - 11.00 **Coffee and tea break**
- 11.00 - 11.20 **Fride H. Schei:** What is going on in our broadleaved woodlands?
- 11.20 - 11.40 **Kuber Prasad Bhatta:** Changes in species composition after two decades of temperature increase and canopy closure of temperate Oak-Laurel forest in central Himalaya
- 11.40 - 12.00 **Anders Nielsen:** Pollination; an Ecosystem Service Affected by Climate Change (Polliclim)
- 12.00 - 13.00 **Lunch break**
- 13.00 - 13.30 **AGM NØF and posters at display**
- 13.30 - 13.50 **Mia Vedel-Sørensen:** Carbon budgets of alpine shrub, meadow, and heath communities in Central Norway
- 13.50 -14.00 **Marie U. Maurset:** Long-term effects of shifts in grazing pressure on alpine vegetation vary along an elevational gradient
- 14.00 - 14.10 **Kåre Flatlandsmo:** Pricing both sides of the story
- 14.10 - 14.30 **Katrine Eldegard:** Edge effects on plant communities along power-line clearings
- 14.30- 15.00 Summary and outlook