Trophic Interactions - The entangled world of diets and dynamics
Posters 1-6

1. Understanding ontogenetic and temporal variability of Eastern Baltic cod diet using a multispecies model and stomach data
   Nataliia Kulatska, Swedish University of Agricultural Sciences
2. Drivers of body size distributions of coastal fish species
   Örjan Östman, Swedish University of Agricultural Sciences
3. Weed seed predation : An overlooked ecosystem service
   Eirini Daouti, Swedish University of Agricultural Sciences
4. Effects of olive farm intensification on phytophagous insects and their natural enemies
   Sasha Vasconcelos, CIBIO/InBIO
5. Consequences of species extinctions on ecosystem service delivery in the Baltic Sea – a Bayesian network approach
   Anna Eklöf, Linköping University
6. Are native spruce bark beetles a threat to exotic lodgepole pine?
   Dragos Cocos, Swedish University of Agricultural Sciences

Movement Ecology – The role of movement in ecology, evolution and management
Poster 7

7. Capturing the movement of predatory arthropods across two distinct habitats
   Guillermo Aguilera, Swedish University of Agricultural Sciences

Behavioural Ecology – Decisions that matter
Posters 8-9

8. The importance of spawning stock distribution patterns in stock-assessment models.
   Stefan Skoglund, Swedish University of Agricultural Sciences
9. Adaptations to seasonality: lessons from marine and terrestrial arthropods
   Øystein Varpe, The University Centre in Svalbard, Longyearbyen, Norway

Landscape Ecology – Structure, function and management
Posters 10-14

10. Biodiversity value of created wetlands
    Ineta Kačergytė, Swedish University of Agricultural Sciences
11. Functional connectivity via grazing management increases dispersal and establishment in semi-natural grasslands
    Rozália E. Kapás, Stockholm University
12. Major disturbances test resilience at a long-term forest monitoring site
    James Weldon, Swedish University of Agricultural Sciences
13. **Responses of plants to land-use facilitated microclimate changes**  
   Ditte Marie Christiansen, Stockholm University

14. **Linear Infrastructure habitats: An under-exploited opportunity for biodiversity and landscape connectivity**  
   Juliana Dániel-Ferreira, Swedish University of Agricultural Sciences

**Invasion Ecology**  
Poster 15

15. **Ecological effects and local adaptions of the round goby**  
   Isa Wallin, Swedish University of Agricultural Sciences

**Microbial ecology – Small things with big effects**  
Posters 16-25

16. **Nitrogen cycling in the shallow soda pans of the Pannonian steppe**  
   Bianka Csitari, Uppsala University

17. **Aquatic Ecosystems at Risk for Occurrence of Pathogenic Bacteria**  
   Karolina Eriksson, Umeå University

18. **Phylogenetic diversity of root-associated bacterial communities show a hump-shaped relationship with elevation even though composition is unique in relation to plant species**  
   Sara Hallin, Swedish University of Agricultural Sciences

19. **Response of circumpolar arctic microbial communities to warming and vegetation changes**  
   Mathilde Jeanbille, Swedish University of Agricultural Sciences

20. **Geospatial variation in co-occurrence networks of nitrifying microbial guilds**  
   Christopher Jones, Swedish University of Agricultural Sciences

21. **Regulation of priority effect in freshwater bacterial communities – do nutrients and dispersal rates matter?**  
   Theresa Lumpi, Uppsala University

22. **Chemolithoautotrophs mitigate carbon dioxide emission from boreal lakes**  
   Gaetan Martin, Swedish University of Agricultural Sciences

23. **Are algal blooms caused by increased concentrations of iron?**  
   Karla Münzner, Uppsala University

24. **Functional genomics and genome fluidity of the superphylum Parcubacteria**  
   Anushree Sanyal, Swedish University of Agricultural Sciences

25. **Bacterioplankton and microeukaryotic metacommunities in shifting environment**  
   Mate Vass, Uppsala University

**Global Change Ecology – From individuals to ecosystem responses**  
Posters 26-37

26. **Effects of intraspecific variation and environmental drivers on lichen population performance**  
   Sonia Merinero, Stockholm University

27. **Cropland drives forest loss inside low elevation protected areas of NE India**  
   Filip Thörn, Uppsala University
28. **Stable isotope analyses in archived monitoring samples: a tool to reveal long term-changes in the Baltic Sea ecosystem**  
Camilla Lienart, Stockholm University

29. **Adaptation of conservation efforts to climate change in Sweden: join as an expert in our study**  
Thomas Ranius, Swedish University of Agricultural Sciences

30. **The effect of different browning agents on zooplankton communities**  
Robyn Övergard, Uppsala University

31. **Rural modernization may have a dramatic effect on farmland biodiversity**  
Zuzanna Rosin, Swedish University of Agricultural Sciences

32. **Fire in Pinus sylvestris forests: Impact on carbon, nitrogen and phosphorous availability in fungal colonised phloem vectored by *Tomicus piniperda***  
Ylva Strid, Uppsala University

33. **Using drones to study Arctic plant communities and carbon dynamics**  
Matthias Siewert, Umeå University

34. **Scaling functional traits to ecosystem processes in peat mosses**  
Adriano Mazziotta, Swedish University of Agricultural Sciences

35. **Marine Ecology and Renewable Energy – Status Update on the Environmental Studies of the Lysekil Research Site**  
Anke Bender, Uppsala University

36. **Free and open access to biodiversity data: Swedish Biodiversity Data Infrastructure (SBDI)**  
Anders Telenius, Swedish Museum of Natural History

37. **Freshwater management and restoration in a changing climate**  
Douglas Jones, Swedish University of Agricultural Sciences

**Eco-evolutionary dynamics – Facing changes and changing faces**  
Posters 38-40

38. **Investigating the genetic basis and adaptive constraint of phenology variation in in Black cottonwood trees**  
Thomas Richards, Swedish University of Agricultural Sciences

39. **The evolution of separate sexes and competition for mating: a sexual cascade?**  
Ivain Martinossi, Uppsala University

40. **Connecting spring and autumn phenology in *Lathyrus vernus***  
Elsa Fogelström, Stockholm University

**Posters outside of conference themes**  
Poster 41

41. **Swedish Infrastructure for Ecosystem Sciences - SITES**  
Silke Langenheder, Uppsala University