

Entomology in Belgium - Insects and Nature Management

- **9:30-10:00** Registration
- **10:00-10:15** Intro "Insects and Nature Management" - Frederik HENDRICKX (RBINS)

Drowning by numbers: general trends of insect decline

- **10:15-10:45** KEYNOTE: Three major causes of insect decline and how to deal with it Henk SIEPEL (Radboud Universiteit Nijmegen, The Netherlands)
- **10:45-11:00** Measuring the number of insects: past, present and future perspectives - Theo ZEEGERS (EIS, The Netherlands)

11:00-11:30 **Coffee break / Posters**

Nature management and the conservation of threatened insect communities

- **11:30-12:00** KEYNOTE: Integration of entomological knowledge in nature management: opportunities, practical considerations and caveats - Tim FAASEN (Ecologica, The Netherlands)
- **12:00-12:15** What can we learn about 40 years of research on heathland management? - Thomas NEYENS (UHasselt - LIKONA)
- **12:15-12:30** Biodiversity of Ephemeroptera (Mayflies) as a practical measurement tool in the assessment of water quality, and the effects of specific or diverse human behaviours/interventions, upstream of their biotope, on their local populations - Bernard DEMARTEAU (RBINS)
- **12:30-12:45** Colonization of dragonflies after wetland restoration - Jorg LAMBRECHTS (Natuurpunt)

12:45-13:45 **Lunch / Posters**

- **13:45-14:00** Effects of nature management on the moth fauna using marshes as an example - Wim VERAGHTERT (Natuurpunt)
- **14:00-14:15** Colonization of threatened spiders and carabids in the recently created dunes and saltmarshes of the Yzer estuary - Wouter DEKONINCK, Frederik HENDRICKX and Léon BAERT (RBINS)
- **14:15-14:30** Do's and don'ts at the crossroads between wildlife conservation and western honey beekeeping - Nicolas VERECKEN (ULB)
- **14:30-14:45** Novel NGS mass sequencing of insects enhances site quality assessments - Patrick GROOTAERT (RBINS)

14:45-15:15 **Coffee break / Posters**

Conservation of targeted insect species

- **15:15-15:30** Update on the *in situ* and *ex situ* conservation of the Lord Howe Island stick insect - Mark BUSHELL (Bristol Zoo Gardens, UK)
- **15:30-15:45** Metapopulations and their importance in nature conservation - a case study on the Large Scabious Mining bee (*Andrena hattorfiana*) in Flemish Brabant - Pieter VANORMELINGEN (Natuurpunt)
- **15:45-16:00** The digger wasp *Bembix rostrata* and nature management in the Belgian dunes - Femke BATSLEER (INBO)

Integrating insect conservation in policy frameworks

- **16:00-16:15** How can improving Natura 2000 Network management benefit insect conservation? - Marta CÁLIX (IUCN)

Conclusions

- **16:15-16:25** Conclusive remarks and take-home messages - Marc POLLET (INBO)

Drinks and discussion