

Systematikdagarna 2024 program

Wallenberg conference centre, Medicinargatan 20, 413 90 Göteborg, Sweden

<https://systematikforeningen.se/verksamhet/systematikdagarna/systematikdagarna-2024/>

Version: 17 November 2024

Monday November 18

09:00–10:00 Registration + coffee

Registration desk management: Alexandra Dombrowski and Arnold Tobias Jansson

Session 1 (10:00–12:30, Wallenbergsalen)

Chair: Søren Faurby

10:00–10:30 *Welcome address* – **Kennet Lundin** (Göteborgs Naturhistoriska Museum), **Mårten Klinth** (Systematikföreningen), **Kate Evans** (Gothenburg Global Biodiversity Centre), **Hanna Tornevall** (Gothenburg Botanical Garden)

10:30–11:30 Keynote **Ilia Leitch (sponsored by DDLS):** *The remarkable genome size diversity in plants and why it matters*

11:30–11:45 **Andrii Tarieiv:** *Particular cases of addressing phylogeny and taxonomy within *Betula L.* genus using different approaches*

11:45–12:00 **Nicola Bergh:** *Hyperdiverse but still underexplored: taxonomic studies in *Cape Asteraceae**

12:00–12:15 **Jan Klink:** *Revisiting Nunatak: Current and historical distributions of an endangered Scandinavian orchid: *Nigritella nigra* ssp. *nigra**

12:15–12:30 **Manuela Vieira dos Santos:** *Species delimitation and biogeography of the *Gonatodes concinnatus* group (Squamata: Sphaerodactylidae): integrating molecular and morphological data*

12:30–13:30 *Lunch (Wallenberg conference centre)*

Session 2 (13:30–15:15, Wallenbergsalen)

Chair: Ellen Larsson

13:30-14:00 Keynote **Henrik Nilsson**: *What I think that taxonomy should do, that taxonomy doesn't*

14:00-14.15 **Lisandro Milocco (DDLs fellow)**: *How can development help us understand phenotypic diversity?*

14:15-14.30 **Mariana Braga (DDLs fellow)**: *Rapid evolution of host repertoire and geographic range in a young and diverse genus of montane butterflies*

14:30-14.45 **Rhys Lemoine**: *Effect of traits on large mammal and bird survival under a human-driven extinction*

14:45-15.00 **Nils Cronberg**: *Evolutionary potential of bryophytes*

15:00-15:15 Flash talks: 1 minute per poster

15:15–16:00 Poster session with coffee/tea (lounge area)

16:00–17:00 General Annual Meeting of Svenska Systematikföreningen

Socials

17:30–19:00 Glögg mixer, Göteborg Botanical Garden (Carl Skottsbergs gata 22A)

The glögg mixer takes place at Lökträdgården (outdoors). In Bergshuset, brief presentations on the treasures of the garden will be held.

19:15–21:00 Conference dinner at the Malmska Valen Café, Göteborgs Naturhistoriska Museum (Museivägen 10)

Tuesday November 19

Please note the parallel session “Floristic courses in Sweden - a discussion on syllabus and status” at 13:00-14:30 in the room Sydamerika.

Session 3 (08:30–12:00, Wallenbergsalen)

Chair: Bengt Oxelman

8:30–9:00 **Keynote Tony Verboom:** *The spatial dimension of diversification: a neglected topic?*

9:00-9:15 **Jennifer James (DDLS fellow):** *Within and between species variation in the distribution of fitness effects of new mutations*

9:15-9:30 **Carlos Leyton Rotella:** *Assessing mitogenomic gene order rearrangements and phylogeny of the parasitic family Stylopidae (Strepsiptera)*

9:30-9:45 **Sandra Freire Rallo:** *Reclassifying Tremella s. lat. (Tremellomycetes, Basidiomycota, Fungi)*

9:45-10:00 **Chahinez Bouguerche:** *Naturhistoriska's helminthology treasures: collection-based systematics of some polyopisthocotylean "Monogenea", gill parasites of marine fishes*

10:00-10:15 **Mårten Klinth:** *Results of the Insect Biome Atlas project*

10:15-10:30 **Anna Penna:** *How many babies in the bush? Reevaluating species diversity and evolutionary history of western dwarf galagos (Galagoides) in Africa's Guineo-Congolian forests*

10:30-11.00 Coffee break

11.00-11:15 **Anne-Sophie Quatela:** *Phylogenetic relationships and identification of allopolyploids from target enrichment in circumpolar Silene sect. Physolychnis (Caryophyllaceae)*

11.15-11:30 **Marc Fradera-Soler:** *Hot and cold deserts as eco-evolutionary arenas for understanding plant resistance to multiple abiotic stresses*

11.30-11:45 **Ted von Proschwitz:** *Why skip the willy? Phally polymorphism in the minute land snails in the genus Vertigo*

11.45-12:00 **Thomas Dahlgren:** *Exploring abyssal plain biodiversity: Insights from the Central Pacific*

12:00-13:00 Lunch (Wallenberg conference centre)

Session 4 (13:00–16:30, Wallenbergsalen)

Chair: Christine Bacon

13:00-13:15 **Tobias Andermann (DDLS fellow):** *A metabarcoding inventory of animal diversity across Sweden*

13:15-13:30 **Božo Frajman:** *Cryptic evolution and diversification of *Luzula* sect. *Luzula* (Juncaceae) in the Eastern Alps*

13:30-13:45 **Victoria Twort:** *Unlocking the evolutionary history and adaptation of *Myotis* bats*

13:45-14:00 **Yannick Woudstra:** *Phylogenomics reveals strong geographic patterns in the evolutionary history of aloes (Asphodelaceae – Aloioideae)*

14:00-14:15 **Ivan Prates:** *Notes from the taxonomic disaster zone: Evolutionary drivers of intractable species boundaries in an Australian lizard clade*

14:15-14:30 **José Cerca (DDLS fellow):** *Transposable element accumulation across species borders. Insights from the Galápagos *Scalesia* Adaptive Radiation*

Parallel session

13:00-14:30 **Åsa Krüger and colleagues -** *“Floristic courses in Sweden - a discussion on syllabus and status” at 13:00-14:30 in the room Sydamerika*

14:30-15:00 Coffee break

15:00-16:00 Keynote **Thomas Pape (sponsored by DDLS):** *How flies flourish -- 250 years of dipteran evolution*

16:00-16:30 Awards and closing remarks