

JENS-CHRISTIAN SVENNING

Curriculum Vitae (29 September 2026)

PERSONAL DATA: Born 09 July 1970, Horsens. Married, 3 children. Citizen of Denmark.

PRIVATE ADDRESS: Jarlsmindevej 12, Stavtrup, 8260 Viby J, Denmark, tel (+45) 28992304.

WORK ADDRESS: Department of Biology, Aarhus University, Ny Munkegade 114, DK-8000 Aarhus C., Denmark, tel (+45) 28992304, email: svenning@bio.au.dk. Home page: <https://www.au.dk/en/svenning@bio.au.dk>.

EDUCATION:

- 1999 PhD, Dept. Biol. Sci., Aarhus University
- 1990-99 Under- to postgraduate studies, Dept. Biol. Sci., Aarhus University
- 1989-90 Undergraduate studies, Indiana University, Bloomington, USA
- 1989 Matematisk Studentereksamen, Holstebro Gymnasium (high-school)

POSITIONS:

- 2023- Director, DNRF Center for Ecological Dynamics in a Novel Biosphere (ECONOVO), Dept. Biology, Aarhus University
- 2013- Professor, Dept. Biology/Bioscience, Aarhus University
- 2017-23 Director, Center for Biodiversity Dynamics in a Changing World (BIOCHANGE), Dept. Biology/Bioscience, Aarhus University
- 2009-13 Professor (mso), Dept. Bioscience/Dept. Biol. Sci., Aarhus University
- 2005-08 Associate professor, Dept. Biol. Sci., Aarhus University
- 2002-05 Assistant professor, Dept. Biol. Sci., Aarhus University
- 2000-02 Postdoc, Smithsonian Tropical Research Institution, Panama
- 1999 Assistant professor, Dept. Biol. Sci., Aarhus University
- 1994-95 Field coordinator, *Yasuní Forest Dynamics Project* (Smithsonian Trop. Res. Inst., Pontificia Universidad Católica del Ecuador, Aarhus Univ.), Ecuador

Administrative posts and international leadership:

- 2010-19 Head, Section for Ecoinformatics & Biodiversity, Dept. Biosci., Aarhus University
- 2025-35 Founding Partner Representative (representing Aarhus University), *Africa–Europe Cluster of Research Excellence (CoRE) in Integrative Conservation Biology Research & Training*, established by The Guild of European Research-Intensive Universities and the African Research Universities Alliance (ARUA).

Honorary appointments:

- 2008-17 MADALGO Associate, Dept. Computer Science, Aarhus University

RESEARCH INTERESTS: Macro- and field-based ecology, biogeography, global change, conservation, restoration and rewilding, sustainability science, human ecology, ecoinformatics, remote sensing.

HONORS & MEMBERSHIPS: **Honors:** *Alexander von Humboldt Medal for Excellence in Vegetation Science*, International Association for Vegetation Science (IAVS), 2025; *Carlsberg Foundation Research Prize* (Carlsbergfondets Forskningspris; 1,000,000 DKK – awarded based on recommendation by prize committee appointed jointly by the Royal Danish Academy of Sciences and Letters and the Carlsberg Foundation), Carlsberg Foundation, 2023; *Ernst Haeckel Prize*, European Ecological Federation, 2022; *Distinguished Fellow of the International Biogeography Society*, International Biogeography Society, 2022; *Villum Kann Rasmussen Annual Award in*

Science and Technology (Villum Kann Rasmussens Årslegat til Teknisk og Naturvidenskabelig Forskning; 5,000,000 DKK – the largest individual Danish research award), VILLUM FONDEN, 2021; *Chinese Academy of Sciences' President's International Fellowship Initiative (PIFI): Distinguished Fellow*, 2017; *Queen Margrethe II's Science Award* (Dronning Margrethe II's Videnskabspris; 100,000 DKK), Royal Danish Academy of Sciences and Letters, 2016; *EliteForsk Prize* (1,200,000 DKK), Danish Ministry of Higher Education and Science, 2014; *Kraks Blå Bog*, 2013-; International Association for Landscape Ecology, US Chapter (US-IALE), Outstanding Paper in Landscape Ecology Award – Honorable Mention, 2012 (*Ecography*, 2010, 93:1070-1080); *Ebbe Nielsen Prize* (€30,000), GBIF, 2011. **Elected fellowships:** *Academia Europaea*, 2025- (MAME); *Royal Danish Academy of Sciences and Letters*, 2010-; *Danish Academy of Natural Sciences*, 2011-; *Young Academy of Europe*, 2014-2017. **Other:** *International Biogeography Society* (lifetime member); *Ecological Society of America* (lifetime member); *Society for Ecological Restoration* (lifetime member); *Society for Conservation Biology* (lifetime member).

GRANTS RECEIVED (PI, principal investigator, Co-PI, co-principal investigator):

Hempel Foundation: Knowledge synthesis on effective measures for restoring wild nature in Denmark 507,000 DKK, 2025-2026 (PI); **Hempel Foundation:** Collaboration between the Hempel Foundation and Aarhus University on field-based teaching 4,000,000 DKK, 2025-2028 (Co-PI); **Hempel Foundation:** Establishment of a long-term research setup in the Hempel Foundation's Vildmarker 3,000,000 DKK, 2025-2028 (Co-PI); **Earthkeeper Holding ApS:** *Global South Biodiversity Leadership Initiative (GLOBALI)* 8,618,389 DKK, 2025-2028 (PI); **European Commission:** Marie Skłodowska-Curie Individual Fellowship *NetRewild (Eva Moracho)* 329,241 EUR 2025-2028 (PI); **European Commission:** Marie Skłodowska-Curie Individual Fellowship *NETNOVO (Kate Maia)* 247,553 EUR 2025-2028 (PI); **Scholars at Risk Denmark section:** *Scholars At Risk Ukraine (SARU) fellowship (Anastasiia Zymaroieva)* 613,000 DKK, 2025-2026 (PI); **Danish National Research Foundation:** Center of Excellence - *Center for Ecological Dynamics in a Novel Biosphere (ECONOVO)* 59,998,000 DKK, 2023-2028 (PI); **Biodiversa+:** Efficient conservation of Mediterranean forests: an integrative assessment of the drivers and vulnerability of multi-taxa, multi-facet and multi-scale biodiversity patterns (INTEGRADIV) 2.249.978 DKK, 2023-2025 (Co-PI); **Horizon Europe:** *Climate-smart rewilding: ecological restoration for climate change mitigation, adaptation and biodiversity support in Europe (wildE)* 8,555,016 EUR, 2023-2026 (Co-PI); **15. Juni Fonden:** *Vorsø – Den naturlige skovudvikling-reference for nye naturreservater* 2,565,000 DKK, 2022-2024 (Co-I); **European Space Agency:** *Rangeland Monitoring for Africa using Earth Observation – Continental Demonstrators (RAMONA)* 1,200,000 EUR, 2022-2024 (Co-PI); **Danida Fellowship Centre (DFC):** *Integrative Green Infrastructure Planning – GRIP* 4,976,218 DKK, 2021-2023 (PI); **Novo Nordisk Foundation:** *SustainScapes – Sustainable solutions for maintenance of biodiversity and production across landscapes* 59,996,944 DKK, 2021-2026 (Co-PI); **Independent Research Fund Denmark | Natural Sciences:** *Megafauna complexity as a global driver of vegetation diversity (MegaComplexity)* 6,191,239 DKK, 2021-2025 (PI); **European Commission:** Marie Skłodowska-Curie Individual Fellowship *FAIR (Wang Li)* 219,312 EUR 2020-2022 (PI); **European Commission:** Marie Skłodowska-Curie Innovative Training Network *The European Landscape Learning Initiative: Past and Future Environments and Energy Regimes shaping Policy Tools (TerraNova)* 4,163,468 EUR, 2019-2023 (Co-PI); **VILLUM FONDEN:** VILLUM Investigator project *Biodiversity Dynamics in a Changing World* 39,987,212 DKK, 2017-2023 (PI); **AU Research Foundation:** *Guest researcher grant (Prof. John W. Williams)* 425,789 DKK, 2017-2018 (PI); **Carlsberg Foundation:** *Semper Ardens Megafauna ecosystem ecology from the deep prehistory to a human-dominated future (MegaPast2Future)* 13,777,082 DKK, 2016-2020 (PI); **Danish Council for Independent Research | Natural Sciences:** *Tree diversity dynamics under climate change (TREECHANGE)* 2.587.678 DKK, 2016-2019 (PI); **European Commission:** Marie Skłodowska-Curie Individual Fellowship *EcoFund4Cast (Robert J. Lewis)* 200,195 EUR 2017-2019 (PI); **European Commission:** Marie Skłodowska-Curie Individual Fellowship

KeyDynamics (Manuel J. Steinbauer) **212,195 EUR** 2017 (PI); **AU Research Foundation:** *Guest researcher grant (Prof. Mauro Galetti)* **356,191 DKK**, 2016 (PI); **EU H2020:** *Detecting changes in essential ecosystem and biodiversity properties – towards a Biosphere Atmosphere Change Index: BACI* **3,000,000 EUR**, 2014-2019 (Co-PI); **Carlsberg Foundation:** *New approaches for macroecology under disturbance and disequilibrium* **1,200,000 DKK**, 2015-2017 (PI); **European Commission:** Marie Skłodowska-Curie Individual Fellowship *Understanding Social-Ecological Systems (G. Watmough)* **212,195 EUR** 2015-2018 (PI); **AU Ideas:** *Centre for Biocultural History* **4,500,000 DKK**, 2014-2017 (Co-PI); **Danish Council for Strategic Research: DNMARK:** *Danish Nitrogen Mitigation Assessment: Research and Know-how for a sustainable, low-Nitrogen food production*, **20,000,000 DKK**, 2013-2017 (Co-PI); **Villum Foundation:** *Station Nord infrastructure – a sustainable Arctic environment in a changing climate*, **70,500,000 DKK**, 2013-2015 (Co-PI); **ERC Starting Grant (consolidator phase):** *Macroecological Studies of Long-Term Historical Constraints on Functional Diversity and Ecosystem Functioning across Continents (HISTFUNC)* **1,499,930 EUR**, 2013-2017 (PI); **Danish Council for Independent Research | Natural Sciences (FNU):** *Paleoclimatic stability and the evolutionary ecosystem ecology of Earth's forests (STABFOR)* **5,759,643 DKK**, 2013-2015 (PI); **AU Ideas:** *Center on Informatics Research on Complexity in Ecology (CIRCE)* **4,000,000 DKK**, 2012-2016 (PI); **Danish National Research Foundation:** *Anthropocene: Discovering the Potential of Unintentional Design on Anthropogenic Landscapes (AURA; Niels Bohr professorship to A. Tsing)* **29,035,000 DKK**, 2013-2018 (Co-PI); **AU:** *Centre for Integrated Register-based Research at Aarhus university (CIRRAU)* **20,000,000 DKK**, 2012-2016 (Co-PI); **NordForsk:** *Nordic Researcher Network Stay or Go?* **900,000 NOK**, 2010-2012 (Co-PI w/ PI: B.J. Graae); **AU Research Foundation:** *Center for Interdisciplinary Geospatial Informatics Research* **2,500,000 DKK** (one of two PIs), 2010-2015; **NordForsk:** *Nordic Researcher Network CBIO-NET* **900,000 NOK**, 2010-2012 (Co-PI w/ PI: C. Damgaard); **Villum Kann Rasmussen Foundation:** *What determines the global patterns of palm species diversity?* **1,200,000 DKK**, 2009-2011 (PI); **AU Research Foundation:** *Agriculture, climate, and biodiversity in a dynamic landscape*, **1,950,000 DKK**, 2010-2012 (Co-PI w/ PI: T. Dalgaard); **European Community, FP7:** *Palm Harvest Impacts on Tropical Forest* **3,145,000 €**, 2009-2013 (Co-PI w/ PI: H. Balslev); **Danish Council for Independent Research | Natural Sciences (FNU):** *Plant species diversity in a changing world – using ecoinformatics to assess drivers and predict responses* **3,493,200 DKK**, 2008-2011 (PI); **NordForsk:** *Nordic Network on Species Range Dynamics (NORA)* **849,000 NOK**, 2009-2011 (Co-PI w/ PI: J. Kollmann); **Danish Council for Independent Research | Natural Sciences (FNU):** *Modelling Neotropical palm distributions* **2,986,800 DKK**, 2007-2009 (Co-PI w/ PI: H. Balslev); **Danish Council for Independent Research | Natural Sciences (FNU):** *Biodiversity Informatics Conferences 2007-2011. Biodiversity Informatics and Climate Change Impacts on Life* **120,000 DKK**, 2008 (Co-PI w/ PI: H. Balslev); **Danish Council for Independent Research | Natural Sciences (FNU):** *LifeWatch-Denmark – science and perspectives* **250,000 DKK**, 2007-2008 (Co-PI w/ PI: H. Balslev); **Danish Council for Independent Research | Natural Sciences (FNU):** *A macroecological-biogeographical perspective on the biocomplexity of plants under global change* **2,244,052 DKK**, 2005-2008 (PI); **Danish Council for Independent Research | Natural Sciences (FNU):** *Evolutionary macroecology of forest plants* **1,985,145 DKK**, 2002-2005 (PI); **Carlsberg Foundation:** *How is the tropical species richness maintained?* **750,000 DKK**, 2000-2002 (PI).

TAXONOMY: *Piper svenningii*, a newly described species of pepper plant named after me, with a specimen I collected in 1995 as the type specimen (Trujillo, W. & Balslev, H. 2023. *Nordic Journal of Botany*, e03897). *Geonoma supracostata* Svenning, a “new” species of palm that I described in *Nordic J. Bot.* 21: 344 (2001).

PUBLICATIONS: Clarivate **Highly Cited Researcher**, 2018-2025 (environment and ecology ×5, cross-field ×3). Ranked among the top 2% of scientists globally (2020-2025), #30 in Ecology for 2024 impact (out of 76579 scientists in the field and only one in top-100 in Denmark), and #3

among all scientists at Aarhus University for 2024 impact and #8 for career-long contributions in the 2024 Stanford/Elsevier global bibliometric ranking. 687 peer-reviewed papers in international scientific journals, 69 other scientific publications, and 38 popular science and educational publications. **Citation statistics:** Google Scholar: 82967 citations, *h-index* = 144; Web of Science: 498513, *h-index* = 113. 5 peer-reviewed papers in *Nature*, 5 in *Science* (plus 2 perspectives), 26 papers in *PNAS* (plus 5 comments), 7 *Science Advances*, 15 *Nature Ecology & Evolution*, 4 *Nature Climate Change*, 16 *Nature Communications*, 3 *Nature Sustainability*, 4 *Nature Plants*, 1 *Nature Cities*, and 16 *Ecology Letters*.

Peer-reviewed papers in international scientific journals:

687. Trepel, J. *et al.* (incl. **Svenning, J.-C.**) Accepted. Elephants reshape woody vegetation dynamics in southern African savannas at local and landscape scales. *Ecography*.
686. Boussange, V. *et al.* (incl. **Svenning, J.-C.**) Accepted. MuScaRi: Multi-scale species richness estimation with deep learning. *Nature Communications*.
685. Rehmeier, L., **Svenning, J.-C.** & Riede, F. 2026. Hazelnut shell isotope values indicate open and semi-open growing conditions in Early–Mid-Holocene southern Scandinavia. *Palaeogeography, Palaeoclimatology, Palaeoecology* 702:114222.
684. Zhong, Z., *et al.* (incl. **Svenning, J.-C.**) 2026. Small mammalian herbivores at moderate densities facilitate livestock growth by improving vegetation composition in grasslands. *eLife* 15:RP111340.
683. Marcantonio, M. *et al.* (incl. **Svenning, J.-C.**) Accepted. Nitrogen inputs and land use shape spatial patterns of grassland plant diversity across Europe. *Nature Communications*.
682. Yousefi, M. *et al.* (incl. **Svenning, J.-C.**) 2026. No evidence for climate driven fragmentation of Neanderthal habitats prior to their extinction. *Communications Earth & Environment*, <https://doi.org/10.1038/s43247-026-03960-8>.
681. Chenevois, E. *et al.* (incl. **Svenning, J.-C.**) 2026. Contemporary environmental drivers of European plant distributions. *Global Ecology and Biogeography* 35:e70308.
680. Lundgren, E.J. *et al.* & **Svenning, J.-C.** 2026. Native and introduced megafauna have convergent effects on animals and ecosystems: a meta-analysis. *Nature Communications*, <https://doi.org/10.1038/s41467-026-76981-8>.
679. Xu, C. *et al.* (incl. **Svenning, J.-C.**) 2026. Trophic regulation constrains ecosystem carbon accumulation under global change. *Proceedings of the National Academy of Science USA* 123:e2610728123.
678. Luo, Y. *et al.* (incl. **Svenning, J.-C.**) 2026. New species discoveries refine global biodiversity patterns. *Ecology Letters* 29:e70448.
677. Fløjgaard, C. *et al.* (incl. **Svenning, J.-C.**) Accepted. Integrating natural baselines into ecosystem restoration: scaling herbivore targets for European landscapes. *Restoration Ecology*, DOI: 10.1111/rec.70508.
676. Cazzaniga, S.G., *et al.* (incl. **Svenning, J.-C.**) 2026. Mycorrhizal strategy of non-native plants varies with biome and disturbance. *Nature Ecology & Evolution*, <https://doi.org/10.1038/s41559-026-03144-9>.
675. Midolo, G. *et al.* (incl. **Svenning, J.-C.**) 2026. Sixty years of plant community change in Europe indicate a shift toward nutrient-richer and denser vegetation. *Science Advances* 12:eab2493.
674. Mitseva, A.L., **Svenning, J.-C.** & Vogel, S.M. 2026. Animal welfare concern and perception of nature shape nature users' support for large herbivore rewilding in Denmark. *Human Dimensions of Wildlife*, <https://doi.org/10.1080/10871209.2026.2687617>
673. Herzschuh, U., *et al.* (incl. **Svenning, J.-C.**) 2026. Paleo-grounded biodiversity foundation models for long-horizon species distribution forecasting. *Frontiers in Ecology and Evolution* 14:1894720.
672. Gordon, C.E. *et al.*, & **Svenning, J.-C.** 2026. Elephant rewilding indirectly affects rodent site-use and behavior by moderating coarse woody debris density. *Ecology and Evolution* 16:e73928.

671. Pang, S.E.H. *et al.*, & **Svenning, J.-C.** 2026. Disturbance regimes drive widespread plant range disequilibrium in Europe alongside climate change. *Nature Ecology and Evolution* 10:1475–1487.
670. Koch, L.R. *et al.* (incl. **Svenning, J.-C.**) Accepted. Livestock grazing and geodiversity modulate wild herbivore distributions in an African community conservation area. *Wildlife Biology*.
669. Zymaroieva, A. *et al.* (incl. **Svenning, J.-C.**) 2026. War, climate change, and land use shape wildfire dynamics in Ukraine, 2001–2024. *Fire Ecology* 22:82.
668. Esperon-Rodriguez, M. *et al.* (incl. **Svenning, J.-C.**) 2026. Rethinking urban forests as essential infrastructure for resilience, equity, and biodiversity in the current climate emergency. *PLOS Climate* 5:e0000953.
667. Trepel, J. *et al.* (incl. **Svenning, J.-C.**) 2026. Global analysis suggests nitrogen deposition as an underestimated driver of vegetation greening. *Ecography* 2026:e08631. [picked as Editor's Choice]
666. Bergin, M.D. *et al.*, & **Svenning, J.-C.** 2026. Open habitats and species differences shape space use in semi-feral cattle and horses across Danish rewilding sites. *Environmental Monitoring and Assessment* 198:639.
665. Kunakh, O. *et al.* (incl. **Svenning, J.-C.**) 2026. Functional diversity shifts and ruderalisation of floodplain in the early post-disturbance stage after wartime dam destruction in Ukraine. *Plant Ecology* 227:64.
664. Wang, L., *et al.* & **Svenning, J.-C.** 2026. Ten strategies to promote climate resilience and sustainability of global forests. *WIREs Climate Change* 17:e70064.
663. Fahs, N. *et al.* (incl. **Svenning, J.-C.**) 2026. Ecological niches and biogeography of nitrogen-fixing plants in Europe. *Plant Biology* 28:1349-1360.
662. Trepel, J. *et al.* (incl. **Svenning, J.-C.**) 2026. Wild large herbivores promote plant diversity and functional redundancy by reducing dominance. *Functional Ecology* 40:2286–2300.
661. Chala, D., *et al.*, & **Svenning, J.-C.** 2026. Beyond removal: strategies for sustainable control of water hyacinth in tropical freshwater ecosystems. *Environmental Management* 76:187.
660. Ni, M. & **Svenning, J.-C.** 2026. Divergent effects of native deer and alien wild pigs on forest understories. *Proceedings of the Royal Society B: Biological Sciences* 293:20252461.
659. Essl, F., *et al.* (incl. **Svenning, J.-C.**) 2026. Dark extinctions warrant recognition in Red Lists. *Nature Reviews Biodiversity* 2:350–352.
658. Yue, Y. *et al.* (incl. **Svenning, J.-C.**) 2026. Grazing livestock species composition influences community assembly and determines scale-dependent plant diversity. *Proceedings of the Royal Society B: Biological Sciences* 293:20253021.
657. Trepel, J. *et al.* (incl. **Svenning, J.-C.**) 2026. Re-evaluating introduced herbivores in conservation. *Conservation Biology*, e70328.
656. Stark, G., *et al.* (incl. **Svenning, J.-C.**) 2026. Toward climate-smart rewilding: an integrated framework for biodiversity, climate change, and society. *One Earth* 9:101704.
655. Matthews, T.J., *et al.* (incl. **Svenning, J.-C.**) 2026. Emergent patterns of island biodiversity in the Anthropocene. *Science Advances* 12:eace1788.
654. **Svenning, J.-C.** 2026. Redefining ecosystem integrity for an Anthropocene biosphere: a process- and lineage-based framework for restoration. *Restoration Ecology* 34:e70390.
653. Liu, Z. *et al.* (incl. **Svenning, J.-C.**) 2026. Climatic drivers prevail in montane and lowland Odonata latitudinal diversity gradients, but human modification erodes lowland patterns. *Ecography* 2026:e08479.
652. Pang, S.E.H., *et al.* (incl. **Svenning, J.-C.**) 2026. From niche theory to demographic realities: the demographic niche concept for understanding range-wide population dynamics. *Ecography* 2026:e07774.
651. Zhyla, S., *et al.* (incl. **Svenning, J.-C.**) 2026. Rewilding European cattle: insights from the feral cattle in the Chornobyl Radiation and Ecological Biosphere Reserve. *Mammal Research* 71:36.

650. Czyżewski, S., *et al.*, & **Svenning, J.-C.** 2026. Revisiting Europe's temperate forests: Palaeoecological evidence for an herbivory-driven woodland-grassland mosaic biome. *Biological Conservation* 316:111749.
649. Song, H. *et al.* (incl. **Svenning, J.-C.**) 2026. The relative role of regional species pools in determining tree species richness and rarity in Chinese subtropical and tropical forests. *Plant Diversity* 48:340-350.
648. El-Hokayem, L., *et al.* (incl. **Svenning, J.-C.**) 2026. A global map of groundwater-dependent vegetation in the Mediterranean biome. *Ecological Indicators* 183:114669.
647. Straarup, M., *et al.* (incl. **Svenning, J.-C.**) 2026. Digging diversity: constructed dune lakes support high plant richness but differ compositionally from natural systems. *Ecological Engineering* 226:107935.
646. Fu, Y., *et al.*, & **Svenning, J.-C.** 2026. Enhanced forest carbon gains from stronger protection in China's protected areas. *Nature Communications*, <https://doi.org/10.1038/s41467-026-69505-x>.
645. Pedersen, P.M.B., *et al.* (incl. **Svenning, J.-C.**) 2026. Identifying conservation gaps: A framework for evaluating national contributions to the 30 × 30 target. *One Earth* 9:101620.
644. Kerr, M.R., **Svenning, J.-C.**, *et al.* 2026. The making of novel ecosystems: a process-based framework for measurement, analysis, and application. *Methods in Ecology and Evolution* 17:683-704.
643. Enquist, B.J., *et al.* (incl. **Svenning, J.-C.**) 2026. BIEN: A biodiversity informatics ecosystem advancing open and reproducible workflows for plant observation, plot, and trait data. *Methods in Ecology and Evolution* 17:1556-1584.
642. Esperon-Rodriguez, M. & **Svenning, J.-C.** 2025. Urban rewilding as a nature-based solution: a critical perspective. *Critical Insights in Plant Science* 1:2629049.
641. Ni, M., *et al.* & **Svenning, J.-C.** 2026. Native and alien ungulates in North America: potential for restoring herbivore diversity and functions. *Global Ecology and Biogeography* 35:e70192.
640. Tutova, H., *et al.* (incl. **Svenning, J.-C.**) 2026. Functional diversity indices and aquatic macrophyte community assembly: case study of Dnipro–Orilsky Nature Reserve, Ukraine. *Sustainability* 18:939.
639. Lundgren, E.J., *et al.* (incl. **Svenning, J.-C.**) 2026. Many pasts, many futures: navigating the complexities of species reshuffling to help prevent extinctions. *Cambridge Prisms: Extinction* 4:e2.
638. Guo, W.-Y., *et al.*, & **Svenning, J.-C.** 2026. Global functional shifts in trees driven by alien naturalization and native extinction. *Nature Plants* 12:308–318.
637. Si-Moussi, S., *et al.* (incl. **Svenning, J.-C.**) 2025. EUNIS habitat maps: enhancing thematic and spatial resolution for Europe through machine learning. *Scientific Data* 12:1976.
636. Mogensen, N. *et al.* (incl. **Svenning, J.-C.**) 2026. Balancing benefits and burdens: Tourist camps and lion conservation in the Maasai Mara. *Conservation Science & Practice* 8:e70210.
635. Magneville, C. *et al.* (incl. **Svenning, J.-C.**) 2025. Echoes of the past: Long-term climate stability shapes functional and phylogenetic diversity in Euro-Mediterranean forests. *Global Ecology and Biogeography* 34:e70177.
634. Saulnier, M. *et al.*, & **Svenning, J.-C.** 2026. Seeing yew for the forest: a call to action for improving conservation and restoration of the European yew (*Taxus baccata* L.). *Trees, Forests and People* 23:101093.
633. Abraham, A.J. *et al.* (incl. **Svenning, J.-C.**) 2026. Sodium constraints on megaherbivore communities in Africa. *Nature Ecology & Evolution* 10:105–116.
632. Mungi, N.A., Jhala, Y.V., **Svenning, J.-C.** & Qureshi, Q. 2026. Socioecological risks amplified by rising plant invasions in India. *Nature Sustainability* 9:130–141.
631. Mogensen, N. *et al.* (incl. **Svenning, J.-C.**) 2026. Human-driven landscapes of fear for Africa's largest terrestrial predator in human-used conservation landscapes. *Biological Conservation* 313:111599.

630. Trepel, J. *et al.* (incl. **Svenning, J.-C.**) 2026. Large herbivores are linked to higher herbaceous plant diversity and functional redundancy across spatial scales. *Journal of Animal Ecology* 95:230–242.
629. Moulatlet, G. *et al.* (incl. **Svenning, J.-C.**) 2025. General laws of biodiversity: climatic niches predict plant range size and ecological dominance globally. *Proceedings of the National Academy of Science USA* 122:e2517585122.
628. Midolo, G. *et al.* (incl. **Svenning, J.-C.**) 2025. Six decades of losses and gains in alpha diversity of European plant communities. *Ecology Letters* 28:e70248.
627. Bergin, M.D. *et al.*, & **Svenning, J.-C.** 2025. Reversing the trend: year-round grazing promotes species-rich grasslands in Natura 2000 sites. *Applied Vegetation Science* 28:e70045.
626. Yang, Y. *et al.*, & **Svenning, J.-C.** 2026. Integrating specimen and citizen science data reveals climatic niche expansion and shifts of naturalized plants in China. *New Phytologist* 251:842–855.
625. Busk, K.Ø. & **Svenning, J.-C.** 2025. A global-change winner? Global expansion potential, ecological drivers and hybridization risk of the disturbance-promoted honey locust (*Gleditsia*). *Discover Plants* 2:277.
624. Fahs, N. *et al.*, & **Svenning, J.-C.** 2025. Parasitic plants in Europe: ecological niches and spatial patterns. *Plant Biology* 27:1285–1299.
623. Kristensen, J.A. *et al.*, & **Svenning, J.-C.** 2026. Space-use by feral cattle and horses shapes vegetation structure in a trophic rewilding area. *Ecological Applications* 36:e70170.
622. Colding-Jørgensen, C.T. *et al.* (incl. **Svenning, J.-C.**) 2026. A graduated nativeness definition for overcoming dilemmas and difficulties of vascular plant species. *OIKOS* 2026:e11635.
621. Raymond, J., Schmitt, T.M. (incl. **Svenning, J.-C.**) 2025. Pathway narratives towards a nature-positive European Union land system: operationalising the Nature Futures Framework for policy objectives. *Sustainability Science*, <https://doi.org/10.1007/s11625-025-01737-0>.
620. Hu, Z. *et al.* (incl. **Svenning, J.-C.**) 2025. Distributions and drivers of soil organic carbon on the Tibetan Plateau: Divergent controls across ecosystems. *Plant and Soil* 516:1993–2012.
619. Nikulina, A., *et al.* (incl. **Svenning, J.-C.**) 2025. On the ecological impact of prehistoric hunter-gatherers in Europe: Early Holocene (Mesolithic) and Last Interglacial (Neanderthal) foragers compared. *PLoS One* 20:e0328218.
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INTERNATIONAL WORKSHOPS AND WORKING GROUPS: FRIPRO Toppforsk project *ECOGEN - Ecosystem change and species persistence over time: agenome-based approach*, 2016-2023; *Synthesis on the biodiversity Responses to Rewilding management on Abandoned Landscapes (sREAL)*, iDiv, 2016-2017; Megafauna, Doñana Biological Station (EBD-CSIC), 2016-2017; *Biotic interactions across space and time (sCircus)* workshop, Göttingen, 2015, *Macroecology workshop*, Institute of Botany, Chinese Academy of Sciences, 2014; *RAINBIO (Dynamique de la forêt tropicale en afrique : implications pour la conservation de la biodiversité tropicale)* working group, CESAB, 2013-2016; sDiv workshop *Biodiversity across spatial scales*, iDiv, 2013; *Language macroecology* working group, 2012-2014; *Advancing Concepts and Models in Range Dynamics Studies*, 2012-2013; NordForsk Nordic Researcher Network "Stay or Go?", 2010-2013; NordForsk Nordic Network on Climate & Biodiversity (CBIO-NET), 2010-2013; NordForsk Nordic Network on Species Range Dynamics (NORA), 2009-2013; US National Center for Ecological Analysis and Synthesis (NCEAS) working group *Botanical Information and Ecology Network (BIEN)*, 2008-; *FRontiers in niche MODelling (FRONTMOD)*, 2008-2013; *Towards an Integrative Approach for Evaluating Species' Distributional Responses to Rapid Environmental Change* (CSIC, Madrid, Spain), 2008; *Utility of Species Distribution Models as Tools for Assessing Impacts of Global Change* (Swiss Federal Research Institute & USGS/Utah State University, Riederalp; Switzerland), 2008; *Current and Past Determinants of Western Palearctic Biodiversity* (Imperial College, London, UK), 2008-.

TEACHING (*course responsible): *Biogeography & Macroecology** (10 ECTS MSc course, Dept. Bio/Biosci., Aarhus University, annual, 2006-); *Ecosystem roles of megafauna in the past, present, and future—theory and methods for basic and applied science* (4 ECTS PhD course, Dept. Biology, Aarhus University, 2022, 2023, 2025); *Ecoinformatics & Macroecology** (TerraNova Marie Skłodowska-Curie Innovative Training Network PhD course, 2021); *Geospatial Ecology** (3.75 ECTS MSc course), Sino-Danish Center for Education and Research, Beijing, annual, 2016-2020); *Megafauna ecology – shaping past, present and future ecosystems** (4 ECTS PhD course, Dept. Bio/Biosci., Aarhus University, 2019); *Ecosystem roles of megafauna in the past, present, and future** (4 ECTS PhD course, Dept. Biosci., Aarhus University, 2017); *Geospatial Ecology & Environmental Geography** (5 ECTS MSc course, Sino-Danish Center for Education and Research, Beijing, 2013, 2014, 2015); *Journal Club in Ecoinformatics** (5 ECTS PhD course, all semesters, 2007-); *Biologiens forskning – teori og praksis* (5 ECTS BSc course, Dept. Biol. Sci., Aarhus University, w/ all dept. teachers, 2011, 2012 ×2). *Biologisk Projektarbejde*: 2008, 3×2012, 5×2013,

2×2014, 7×2015, 5×2016, 2×2017, 1×2018, 2×2019, 1×2020, 1×2021, 2×2023, 3×2025, 1×2026. *Erhvervsprojekt for biologer (Vocational Training Project)*: 2×2019, 1×2020, 1×2022, 2×2024, 1×2025, 1×2026. *NordForsk Nordic Network on Species Range Dynamics (NORA) PhD Summerschool Species Distribution Modelling** (6 ECTS PhD course, Sandbjerg Estate, 2010). *Introductory Course to MSc students at Systematic Botany** (5 ECTS, Dept. Biol. Sci., Aarhus University, w/ the other thesis supervisors in the Systematic Botany group, 2006). *Plant Biogeography & Macroecology* (15 ECTS MSc course, Dept. Biol. Sci., Aarhus University, 2003, 2004, 2005). *Naturen om 100 år** (1-day course, High School Practice Day, Dept. Biol. Sci., Aarhus University, 2005). *Introduction to JMP** (1-hr course MSc course, Dept. Biol. Sci., Aarhus University, 2005). Teaching assistant, Aarhus University, 1996-1999.

POSTDOCS (*ongoing, †main supervisor): 1: Julissa Roncal 2007-2009. †2: Jonathan Lenoir 2008-2011. †3: W. Daniel Kissling 2010-2011. †4: Lars Bach 2010-2011. †5: Toke Høye 2011. †6: Brody Sandel 2010-2011. †7: Signe Normand 2010. †8: Pedro Abellán 2010-2012. †9: Christopher. J. Sandom 2011-2012. †10: Cicimol Alexander 2011-2013. †11: Mirkka Jones 2011-2013. 12: Leonard Sandin. †13: Diego Nieto Lugilde 2011-2013. †14: Søren Faurby 2012-2015. †15: Helen Wheeler 2012-2014. †16: Jean-Yves Barnagaud 2012-2013. †17: Tom Davidson 2012-2015. †18: Alejandro Ordonez 2013-2017. †19: Wolf L. Eiserhardt 2013-2014. 20: Sandra Brucet 2013-2015. †21: Marco Giradello 2014-2016. 22: Blas M. Benito 2014-2016. †23: Meredith Root-Bernstein 2014-2016. †24: Vincent Pellissier 2014-2016. †25: Gary R. Watmough (MSCA IF) 2015-2017. †26: Jian Zhang 2015-2016. †27: Rob J. Lewis (incl. as MSCA IF) 2015-2019. †28: Manuel Steinbauer (incl. as MSCA IF) 2015-2017. †29: Isabelle Boulangeat 2015-2017. †30: Timo Conradi 2015-2017. †31: Anne Eskildsen 2015-2016. 32: Anne Mimet 2015-2016. 33: Robert Buitenwerf 2015-2019, †2018-2019. †34: Kristine Engemann Jensen 2016-2019. †35: Anne-Christine Monnet 2016-2017. †36: Anne Blach-Overgaard 2016-2017. †37: Andreas Schweiger 2016-2017. †38: Matt Davis 2016-2018. †39: José M. Serra-Diaz 2017-2019. †40: Silvia Ceaşu 2017-2019. †41: Koenraad van Meerbeek 2017-2018. †42: Scott Jarvie 2017-2019. †43: Kai Yue, 2018-2019. †44: Wang Li, 2017, 2019-2020, 2020-2022 (MSCA IF). †45: Wenyong Guo, 2018-2020. †46: Christopher E. Gordon, 2018-2020. †47: Susanne M. Vogel, 2018-2022. †48: Sophie Monsarrat, 2019-2022. †49: Lanhui Wang, 2021-2022. †50: Erick J. Lundgren, 2021-2022. †51: Rasmus Ø. Pedersen, 2021-2023. *†52: Tora FINDERUP, 2021-2023. *†53: Ninad A. Mungi, 2021-2028 (as assistant professor, 2025-2028). †54: Oskar L.P. Hansen, 2021-2023. †55: Juraj Bergman, 2021-2025 (as Assistant Professor, 2023-2025). †56: Coline Boonman, 2022-2023. †57: Julia C. Mata, 2021-2023. †58: Elena A. Pearce, 2023-2024. †59: Rhys T. Lemoine, 2023. †60: Ming Ni, 2023-2025. *†61: Matthew R. Kerr, 2023-2026. †62: Joe Atkinson, 2023-2025. 63: Sean E.H. Pang, 2023-2025. *64: Wanben Wu, 2023-2025. *65: Camille Magneville, 2023-2026. *66: Maciej T. Sykut, 2024-2026. *†67: Anastasiia Zymarioieva, 2025-2026. *†68: Shuyu Deng, 2025-2027. *†69: Ujala Ejaz, 2025-2028. *†70: Renata N. Chequín, 2025-2028. *†71: Kate P. Maia, 2025-2027 (MSCA IF). *72: Saxbee J. Affleck, 2025-2027. *†73: Nora Schlenker, 2025-2027. *†74: Katherine M. Magoulick, 2025-2026. *†75: Anna M. Behrend, 2025-2027. *†76: Lilla Lovász, 2025-2029. *†77: Eva Moracho, 2026-2027 (MSCA IF) (as assistant professor, 2027). *78: Jonas Trepel, 2026.

THESIS STUDENTS (*ongoing, †JCS: main supervisor):

— PhD, Aarhus University (or institution given in parentheses): 1: Stine W. Bjorholm 2008. †2: Signe Normand 2010, Ministry of Science's **EliteForsk** travel stipend for PhD students, 2007. 3: Thea Kristiansen 2010. †4: Anne Blach-Overgaard 2012. †5: Jesper E. Moeslund 2012. †6: Camilla Fløjgård 2011. †7: Michelle Greve 2012. 8: Wolf Eiserhardt 2011. †9: Naia Morueta-Holme 2014, Ministry of Science's **EliteForsk** travel stipend for PhD students, 2011. †10: Ane K. Brunbjerg 2013. 11: Mette V. Odgaard 2014. 12: Tovarantonje Jantrarak 2012. 13: Marija Mayer 2013. 14: Lars Dalby 2013. 15: Korhan Özkan 2013. 16: Rosemberg Menezes 2012. †17: Allan Timmermann 2014. 18: Kornkanok Tangjitman 2014 (Chiang Mai Univ., Thailand). 19: Viola Pavlova 2015. 20: Kent Olsen 2016. 21: Andrea O. Christensen. 22: Anders Juel 2014. †23: Kristine Engemann Jensen

2015. †24: Jonas Nüchel. 25: Katrine Turner 2015. †26: Pil B.M. Pedersen 2018, Ministry of Higher Education and Science's **EliteForsk** travel stipend for PhD students, 2014. †27: Feng Gang 2015. 28: Lærke Stewart 2018. †29: Bastian Göldel 2016. †30: Ziyu Ma 2016. †31: Colin Hoag 2017. †32: Rasmus Ø. Pedersen 2018, Ministry of Higher Education and Science's **EliteForsk** travel stipend for PhD students, 2016 †33: Shuqing Teng 2018. †34: Ditte A. Jensen 2021. †35: Simon Schowanek 2021. †36: Emilio Berti 2020. *†37: Michael Munk. †38: Oskar L.P. Hansen 2021. †39: Julia C. Mata 2021. †40: Vincent Fehr 2021. 41: Esraa Ammar (Tanta University, Egypt) 2021. 42: Claudia Troiano (University of Napoli Federico II, Italy) 2021. 43: Renata Nicora Chequín (IBONE, CONICET, Argentina). †44: Marco Davoli 2023. †45: Elena A. Pearce 2024. †46: Rhys T. Lemoine 2023. †47: Reece Thornley 2024. †48: Marianne D. Bergin 2024. †49: Bernard Olivier. 50: Michael Straarup. *51: Katherine Quinlan (Royal Holloway University, UK). 52: Jonas Trepel. 53: Celesté Maré 2025. *54: Niels Mogensen. †55: Szymon Czyzewski. *56: Hanchen Shuai. *57: Mia K. Hoffmann. *†58: Jeremie Tranchant. *†59: Katrine Ø. Busk. **Other:** Student Research Committee, Pooja Chand, Ashoka University, India, 2024-.

— Cand.scient. (MSc), Aarhus University (or institution given in parentheses): 1: Birgitte S. Windeballe 2003. 2: Karen R. Hansen 2004. 3: Rikke P. Thomsen 2004. 4: S.S. Bak 2005. 5: Adriana Sanjines A. 2005. 6: Narel Paniagua Z. 2005. 7: Tina Juul 2006. 8: Mette Nielsen 2006. 9: Anne Sandal 2006. 10: Jens Clausen 2006. 11: Marianne Sørensen 2006. 12: Rikke Rørby Graversen 2006. 13: Irina Levinsky 2006 (Copenhagen University). †14: Helle Ullmann Hansen 2008. †15: Hélène Hansen 2008. 16: Sandie L. Hansen 2009. 17: Helle Buur Pedersen 2009. †18: Tinne Gaardmand 2009. †19: Tommy Thorsteinsson 2010. †20: Katrine Turner 2011. †21: Jannie K. Svendsen 2012. †22: Trine Jensen 2013. †23: Sandra R. Holm 2013. 24: Christoffer Plum 2013. †25: Pernille J. Naundrup 2014. †26: Joanna B. Olsen 2014. 27: Jakob Humaidan 2014. †28: Sigrild Ilsøe 2014. †29: Maria Dahm 2014. †30: Rehne B. Vokstrup 2015. †31: Jeppe Pilgaard 2016. †32: Maria Henriksen 2016. †33: Marie-Louise G. Nielsen 2016. †34: Sanne Thøgersen 2016. †35: Anne Cathrine Dalgaard 2016. †36: Emil Thøgersen 2016. †37: Michael Munk 2016. †38: Emma F. Vestergaard 2016. †39: Henrik Thers 2016. †40: Jessica Tengwall 2016. 41: Simon Schowanek (Wageningen University) 2016. †42: Jonathan B. Rasmussen 2017. †43: Steffen L. Nielsen, 2017. †44: Klaus Berg 2017. †45: Line Guld 2017. †46: Mette T. Fredriksen 2017. †47: Kasper Skjærlund 2017. †48: Tenna Lyck 2017. †49: Diana Olsen 2017. †50: Marie Warming 2017. †51: Cindy Sørensen 2017. †52: Stine L. Larsen 2017. 53: Anke Müller 2017 (Technical University of Munich). †54: Line B. Bang 2018. †55: Kåre Würtz 2019. †56: Jonas Lauridsen 2018. †57: Fenja M. Winther 2019. †58: David Houborg 2019. †59: Marie Mønsted 2019. †60: Markus Mellerup 2019. †61: Julie K. M. Drud 2020. †62: Mette Grøn (Sino-Danish Center for Education and Research & Copenhagen University) 2019. †62: Jonas Andersen 2019. †63: Clelie Reynaud 2020. †64: Line Skipper 2020. †65: Lea B. Sloth 2020. †66: Louise V. Sørensen 2020. †67: Sofie L. Vesterdal 2020. †68: Maria J. Nørmark 2020. 69: Alexander V. Rudbeck 2020. 70: Sune L. Jepsen 2021. †71: Astrid V. Vad 2021. †72: Nikolaj R. Poulsen 2021. †73: Line Ochelka 2021. †74: Helena Johansen 2021. †75: Helena Wooldridge 2021. †76: Karoline Dohrmann 2022. †77: Rebecca Lyhne 2021. †78: Sofie A. Kjeldgaard 2021. †79: Joanne Fournier 2021. 80: Henrik Christensen 2021. 81: Ugo Bisson 2021. †82: Sarah Le Berre 2021. †83: Aleksandrina L. Mitseva 2022. 84: Ask Herrik 2022. 85: Kåre Krogstrup (University of Southern Denmark) 2023. 86: Julie Petersen (University of Copenhagen) 2023. †87: Ditte Ejrnæs 2023. †88: Bent Rech (Göttingen University) 2023. 89: Terese B. Eriksen 2024. †90: Vy N. P. Vu 2024. †91: Camilla D. Jakobsen 2024. †92: Skjold A. Søndergaard 2024. 93: Mads Gammelgård 2024. †94: Aksel Y. Munkholm 2025. †95: Tobias Kaae 2025. †96: Magnus F. Aaser 2025. 97: Philip Kjellström (Lund University) 2025. †98: Georg Messerer (Free University of Berlin) 2025. †99: Jacob Ringgaard 2025. 100: Ibon B. Morrondo (University of Copenhagen) 2025. †101: Toke E. Rossau 2025. 102: Amandine Bouinier (Göttingen University) 2025. 103: Celia L. Hald 2025. †104: Katrine Ø. Busk. †105: Emil D. Hjulgaard. †106: Tristan S. Rapp. 107: Karl Emil A. Lauridsen. †109: Emilie T. Kallesøe. †110: Stine Bredgaard. †111: Magnus E. Møller. *†112: Frida Bjerkø. *112: Laura R. Koch. *†113: Lise

Sejerup. *†114: Bue K. Becher. *†115: Anne Bruhn Andreassen. *†116: Andreas P. Buhl. *†117: Ann Sofie E. Troelsen. *†118: Søren S. Meier. *†118: Jonathan V. Søndergaard,

— Bachelor scient. (BSc), Aarhus University (or institution given in parentheses): †1: Naia Morueta-Holme 2008. †2: Peter Højbjerg 2012. †3: Sebastian McQueen 2017. †4: René Ryholl 2017. †5: Julie Søby 2017. †6: Lea Bach Sloth 2019. †7: Nanna R. Svendsen 2019. †8: Signe S. Bay 2019. †9: Malene S. Pejstrup 2019. †10: Jens Peter Paulsen 2019. †11: Anne T. Holst 2019. †12: Line Ochelka 2019. †13: Thomas Hansen 2019. †14: Johannes N. Udsen 2019. †15: Astrid Holm Andersen 2019. †16: Tine E. Andersen 2019. †17: Niels Tang 2019. †18: Laura Bille 2020. †19: Morten Kræpping 2020. †20: Emil Kobberup 2020. 21: Jonathan L. Hansen 2020. 22: Camilla Sandager Lange 2020. †23: Ask Herrik 2020. †24: Andreas B. Boe 2020. 25: Esben H. Brandt 2021. †26: Sean Bek 2021. †27: Eva Christoffersen 2021. 28: Lise Hykkelbjerg 2022. 29: Josefine F. Andersen 2022. 30: Søren Leegaard 2022. 31: Emma Højgaard 2022. †32: Tine M. Jørgensen 2023. †33: Sarah L. R. Nielsen 2023. †33: Frida Bjerkø 2023. †34: Emil. D. Hjulgaard 2024. †35: Tristan S. Rapp 2024. 36: Laura R. Koch 2024. 37: Mette Majgaard 2025. †38: Katrine Ø. Busk. †39: Frederik K. Terlund 2025. †40: Lasse R.N. Esbensen 2025. †41: Mads D. Petersen. 42: Mathilde S. Andersen. 43: Gaia E. Hestbjerg. *44: Jonas Ø. Frederiksen.

INVITED LECTURES (coauthored not shown):

Invited lectures at international science meetings: *Megaafauna extinctions and trophic rewilding in temperate and boreal Europe* (session keynote, Joint Nordic Society Oikos (NSO) and Ecological Society of Germany, Austria and Switzerland (GfÖ) Conference 2026: Integrating the Diversity of Ecology, Odense, 2026); *The nature of horses – and horses in nature* (Clever Hans keynote, 21st International Equitation Science Conference (ISES), Billund, 2026); *Trophic rewilding as a key restoration approach – evolutionary context, ecological theory, and empirical support* (8th European Congress of Conservation Biology (ECCB), Leiden, 2026); *Vegetation dynamics in a novel biosphere: Integrating ecology, history, and futures* (keynote, 68th Annual Symposium of the International Association for Vegetation Science, Gijón, 2026); *Trophic rewilding in a novel biosphere: Restoring resilient, biodiverse ecosystems* (keynote, European Small and Medium Sized Carnivore Conference, Aalborg University, Aalborg, 2026); *From decline to resilience: Reviving ecological interactions for plant conservation in a rapidly changing world* (International Symposium Biodiversity Protection, Nature Restoration, and De-Extinction, University of Palermo, Palazzo Chiaromonte-Steri, online, 2026); *Rewilding trófico como enfoque de restauración bajo condiciones emergentes de una biosfera novel* (keynote, IV Encuentro Nacional de Restauración Ecológica Argentina & II Simposio Internacional de Prácticas de Restauración Ecológica, Corrientes, Argentina, 2025); *Ecología de ecosistemas de megafauna en Sudamérica en una perspectiva macro- y paleoecológica – implicaciones para la restauración* (IV Encuentro Nacional de Restauración Ecológica Argentina & II Simposio Internacional de Prácticas de Restauración Ecológica, Corrientes, Argentina, 2025); *Trophic rewilding as a restoration approach under emerging novel biosphere conditions* (5th International Meeting on Zoo Research, Conservation and Biodiversity, Serengeti-Park Hodenhagen, online, 2025); *Restoring European woodland ecosystems - foundations, empirical insights & future perspectives* (When nature can do the job: Fostering co-benefits for people and the environment in view of the Nature Restoration Regulation; European Climate, Infrastructure and Environment Executive Agency, Horizon Europe projects wilde, REWRITE, WILDCARD and the Society for Ecological Restoration Europe, Brussels, 2025); *Interglacial ecosystems: open questions and modern relevance* (PMIP Quaternary Interglacials Kick-Off Workshop, online, 2025); *Planetary health - ecosystem management under emerging novel biosphere conditions* (keynote, Tropical Summit, Lisboa, 2024)*; *Trophic rewilding as a restoration approach under emerging novel biosphere conditions* (plenary keynote, Ecology 2024 – 9th Conference of the Czech Society for Ecology, České Budějovice, 2024); *Trophic rewilding as a restoration approach under emerging novel biosphere conditions* (keynote, SERE24 - 14th European Conference on Ecological Restoration, online, 2024); *Palms in a novel*

biosphere (19th Flora of Thailand Conference, Aarhus University, Aarhus, 2024); *Dynamic land use changes: opportunity for rewilding?* (keynote, Earth as a Human-Environmental System: Challenges and Dynamics (EarthHES2024), Krakow, 2024); *Deep-time, large-scale perspectives on biodiversity dynamics - implications for biosphere stewardship* (keynote, Netherlands Annual Ecology Meeting (NAEM), Lunteren, 2024); *Urban greenspaces to benefit people and biodiversity – a biogeographic-macroecological perspective* (11th Biennial Conference of the International Biogeography Society, Prague, 2024); *A large-scale, long-term perspective on climate change impacts on biodiversity and society and options to promote a liveable biosphere* (keynote, Biodiversity and Ecosystem services in a Changing Climate (BECC) annual meeting, Lund University & Gothenburg University, online, 2023); *Trophic rewilding – ecological and evolutionary background, current implementation outcomes, and future prospects* (keynote, SCB Europe Section Fall Webinar, online, 2023); *Global Health in context of the global environmental crisis – Living conditions for people in a novel biosphere* (MatchPoints conference 'Global Health Challenges and Solutions', Aarhus University, Aarhus, 2023); *Trophic rewilding restoration – insights from macro- and paleoecology* (SOURCES: Integrating historical sources for long-term ecological knowledge and biodiversity conservation, Casa de la Ciencia, Sevilla, 2023); *Trophic rewilding as a key restoration approach – insights from macro- and paleoecology* (keynote, 4th Ecology and Evolution Ireland conference, Dublin, 2023); *Biodiversity dynamics under past, present and future global change – insights from macroecology and implications for biosphere stewardship* (Ernst Haeckel Prize awardee keynote, SFE² GfÖ EEF Joint International Conference on Ecological Sciences, Metz, 2022); *Integrated macroecological-paleoecological perspectives on large-herbivore effects on ecosystems – implications for conservation and restoration* (keynote, 10th Biennial Conference of the International Biogeography Society, Vancouver, 2022); *A large-scale, long-term perspective on climate change impacts on biodiversity and society and options to promote a liveable biosphere* (keynote, Swedish Climate Symposium, Norrköping/online, 2022); *Integrating paleobiology and macroecology to inform current and future megafauna-based rewilding* (keynote, 2nd Crossing the Palaeontological-Ecological Gap (CPEG) conference, Berlin/online, 2021); *Restoring the role of megafauna in European ecosystems* (Connecting Rewilding Science and Practice, Wageningen University & Research, Netherlands Institute of Ecology & Rewilding Europe, Wageningen/online, 2020); *A macroecological perspective on long-term human ecodynamics – the megafauna case* (IMSET workshop: Knowledge gaps in long-term human ecodynamics, Bournemouth/online, 2020); *Towards a biodiverse future: Lessons from a macro-scale perspective on ecology* (keynote, World Biodiversity Forum, Davos, 2020); *Rewilding - concepts, scientific background, and current state of the science* (Wallenberg Seminar: Rewilding as a New Paradigm for Nature Conservation? Royal Swedish Academy of Agriculture and Forestry, Stockholm, 2019); *Trophic rewilding – background, opportunities and challenges for megafauna-based restoration in the Anthropocene* (keynote, Netherlands Annual Ecology Meeting (NAEM), Lunteren, 2019); *Trophic rewilding – background, opportunities and challenges for megafauna-based restoration in the Anthropocene* (The past is a foreign country: how much can the fossil record actually inform conservation? Discussion Meeting, Royal Society, London, 2019); *Trophic rewilding – background, implementation, link to societal dynamics, and open questions* (Rewilding in a Changing Europe, Bangor University, 2018); *Broad-scale, long-term perspectives on trophic rewilding* (Ecology Across Borders; Joint Annual Meeting of the British Ecological Society (BES), Gesellschaft für Ökologie (GfÖ) & NecoV, in association with European Ecological Federation (EEF), Ghent, 2017); *Broad-scale, long-term perspectives on megafauna ecology and trophic rewilding in a changing world* (Calpe 2017: The Rewilding conference, Gibraltar Museum); *A deep-time perspective on ecosystems and rewilding in the Mediterranean region* (XIV MEDECOS & XIII AEET meeting, Sevilla, 2017); *Trophic rewilding – background, link to agricultural abandonment and open questions* (Rewilding in abandoned agricultural landscapes: opportunities and impacts, Meeting of the British Ecological Society's Forest Ecology and Agricultural Ecology special interest groups, Oxford, 2016); *Rewilding with large herbivores: state of the art and open questions for science* (Rewilding with large herbivores: challenges and opportunities for science and

practice, Symposium of the Netherlands-Flemish Organisation for Ecology, Wageningen, 2016); *The Influence of Paleohistory on Present-Day Patterns in Biodiversity and Ecosystems* (keynote, Nordic OIKOS conference 2016, Turku, 2016); *On the role of history and disequilibrium dynamics in shaping tropical forest community assembly across scales* (13th Congress, European Ecological Foundation, Rome, 2015); *Dark horses and black panthers - ecological and conservation perspectives on dark megafaunal diversity* (13th Congress, European Ecological Foundation, Rome, 2015); *Biodiversity in a World of Human Dominance and Rapid Change – Anthropocene Challenges and Opportunities* (keynote, 2nd Conference of the Norwegian Ecological Society, Bergen, 2015); *Biodiversity in a World of Human Dominance and Rapid Change – Anthropocene Challenges and Opportunities* (Cambridge Conservation Seminars, Cambridge, 2015); *Disequilibrium dynamics in vegetation under future climate change -patterns, causes and consequences* (keynote, Ecological Society of Germany, Austria and Switzerland (GfÖ), 44th Annual Conference “Integrating ecological knowledge into nature conservation and ecosystem management”, Hildesheim, 2014); *A Big Data perspective on global change impacts on biodiversity and ecosystems* (ESOF2014, Copenhagen, 2014); *Future megafaunas – a historical perspective on the scope for a wilder Anthropocene* (Anthropocene: Arts of Living on a Damaged Planet, Santa Cruz, 2014); *Rewilding in a long-term ecological and evolutionary context* (WILD10, Salamanca, 2013); *“Born to be wild – bison, aurochs and wild horse” - a historical-biogeographic perspective on the resurrection of three European ‘rewilding’ icons* (WILD10, Salamanca, 2013); *Paleohistory interacts with modern environment to shape contemporary ecological patterns* (keynote, 7th Annual Meeting of the Specialist Group on Macroecology of the Gesellschaft für Ökologie, Göttingen, 2013); *Persistent paleoclimatic effects on contemporary ecological patterns* (International Symposium “Patterns and drivers of biodiversity at macro spatial scales: historical and contemporary effects”, Tokyo, 2013); *Paleoclimatic impacts on biodiversity and ecosystems – insights from ecoinformatics* (evening meeting of the Linnean Society of London, London, 2012); *Imprints of postglacial migrational lags on current diversity patterns* (A European perspective on the future of biodiversity and ecosystems, Final Conference of the ECOCHANGE FP6 Project, Zürich, 2012); *On climate and Earth’s biodiversity – insights from ecoinformatics studies* (18th meeting of the GBIF Governing Board, GB18, Buenos Aires, 2011); *Strong paleoclimatic imprints on ecological patterns and function across scales* (J.-C. Svenning et al., 12th EEF Congress, Ávila, 2011); *Global plant diversity: Current research and challenges of data discovery and integration* (iPlant 2010 Conference, Las Vegas, 2010); *Geographical ecology of the palms (Arecaceae) – from biogeography to local community assembly* (J.-C. Svenning et al., “PALMS 2010: Biology of the palm family” international symposium, Montpellier, 2010); *Historical biogeography: implications of long-term macro-scale biodiversity dynamics for conservation* (UNESCO IYB Biodiversity Science Policy Conference, UNESCO, Paris, 2010); *Plio-Pleistocene climate change and its impacts on species distributions and diversity patterns* (keynote, Ecological Society of Germany, Austria and Switzerland (GfÖ), 39th Annual Conference “Dimensions of Ecology: from Global Change to Molecular Ecology”, University of Bayreuth, 2009); *Plio-Pleistocene climatic change and its persistent biogeographic and ecological legacies in Europe – insights from ecoinformatics* (NEPAL workshop “Biotic responses to past climatic and environmental changes”, Bergen, 2009); *Plio-Pleistocene climate change legacies on current plant diversity patterns* (Plants and Climate Change symposium, Institute of Environmental Biology, Utrecht University, 2008); *Imprints of past climate change on the European tree flora* (National Museum of Natural Sciences, CSIC, Spain, 2008); *Historical controls of plant diversity patterns* (3rd Biennial Conference of the International Biogeographic Society, Tenerife, 2007).

Other invited* and contributed presentations: *Paleo- and Macroecological Perspectives on Biodiversity Dynamics and Recovery in the Anthropocene* (keynote, iDiv Annual Conference, German Centre for Integrative Biodiversity Research (iDiv), Jena, Germany, 2026)*; *Measuring trophic rewilding outcomes in a novel biosphere—From fixed reference states to trajectories of ecosystem integrity* (15th European Conference on Ecological Restoration, online, 2026);

Introduction to trophic rewilding (Rewilding meets Behaviour, Welfare & Practice Summer Camp, Aarhus University, online, 2026); *From threat to opportunity: Managing ecological novelty for biodiversity, society, and the biosphere* (World Biodiversity Forum, Davos, 2026); *Non-native species, novel ecosystems, and the future of biodiversity in a transforming biosphere* (World Biodiversity Forum, Davos, 2026); *Fremtidens natur* (keynote, BLOOM, 2026)*; *Verden om 1.000 og 10 år* (BLOOM, 2026, conversation)*; *Planter i forandring – hvordan klimacændringer former fremtidens vegetation* (Naturmødet: People's Festival of Nature, Hirtshals, 2026); *Hestens vilde historie – fra fortidens skov- og steppelandskaber til fremtidens rewilding* (Naturmødet: People's Festival of Nature, Hirtshals, 2026); *Sofasamtaler med Biodiversitetsrådet: Jens-Christian Svenning og Anders Frandsen, direktør i Dansk Skovforening* (Naturmødet: People's Festival of Nature, Hirtshals, 2026, conversation); *Hvidbog for naturgenopretning* (Naturmødet: People's Festival of Nature, Hirtshals, 2026, conversation)*; *Biodiversitet i klimakrisens tid – hvordan bliver naturen robust* (Naturmødet: People's Festival of Nature, Hirtshals, 2026, conversation)*; *Statens store biodiversitetssatsninger hedder nationalparker og urørt skov, men er de nok?* (Naturmødet: People's Festival of Nature, Hirtshals, 2026, conversation)*; *Trophic rewilding in a defaunated world: Lessons from macroecology and paleoecology* (Globe Seminar, Globe Institute, University of Copenhagen, 2026)*; *Planetary stewardship, nature-based solutions & trophic rewilding in the Anthropocene* (Global Change Biology, Department of Biology, Aarhus University, 2026); *Europe's megafauna and its ecosystem ecology prior to the late-Quaternary defaunation* (Wildlife Ecology & Ecosystem Management, Department of Biology, Aarhus University, 2026); *The long-term base-line for nature in Denmark - and its implications for nature management* (Dansk Flora & Vegetation, Department of Biology, Aarhus University, 2026); *Ecological principles of trophic rewilding* (Wildlife Ecology & Ecosystem Management, Department of Biology, Aarhus University, 2026); *Trophic rewilding as a biogeographic strategy for the Anthropocene* (12th Biennial Conference of the International Biogeography Society, Aarhus, Denmark, 2026); *Trophic rewilding as a restoration approach under emerging novel biosphere conditions* (Ecology Lecture Series, University of Bern, online, 2025)*; *Rewilding in Europe: past, present, future* (keynote, Rewilding series, Trinity Centre for Environmental Humanities & Irish Wildlife Trust, Dublin, 2025)*; *Las extinciones de la megafauna del Cuaternario tardío: patrones, causas y consecuencias ecológicas* (Instituto de Biología Subtropical, CONICET, Iguazú, Argentina, 2025)*; *Wilder Forests* (Rewilding Officers Week, Rewilding Europe, Oder Delta, online, 2025)*; *Why make Europe wilder again: Evidence from ecosystem research and paleoecology* (Naturnahe Beweidung im Fokus, organized by Naturnahe Weidelandschaften e.V., Germany, online, 2025)*; *Naturgenopretning af skovlandskaber – genforvildning ud over 'lukket-skov'-paradigmet* (DN Skovnetværkstræf, Danmarks Naturfredningsforening, Svendborg, 2025)*; *Megafauna and ecosystem engineers in rewilding* (Rewilding: Principles and Practice MSc course, University of Manchester, online, 2025, conversation)*; *Ecosystem management under emerging novel biosphere conditions - navigating challenges, necessities, and opportunities* (Human Palaeosystems Group Seminar Series, Max Planck Institute of Geoanthropology, online, 2025)*; *Trophic rewilding - an ecological and policy opportunity in a changing world* (Danish Environmental Economic Conference 2025, Danish Environmental Economic Council, Skodsborg, 2025)*; *Ecosystem management under emerging novel biosphere conditions - navigating challenges, necessities, and opportunities* (SANORD 2025: Knowledge Economies in a Changing World, Aarhus University, 2025); *En klode i brand* (PARK Festival, Aarhus, 2025, conversation)*; *Livets historie: Sammenhængen mellem klima og biodiversitet* (Folkemødet: People's Festival, Allinge, 2025, conversation)*; *Økosystemforvaltning i en ny biosfære – udfordringer, nødvendigheder og muligheder* (keynote, Naturmødet: People's Festival of Nature, Hirtshals, 2025)*; *Hvordan får vi vild natur på udtagne landbrugsarealer* (Naturmødet: People's Festival of Nature, Hirtshals, 2025, debate)*; *Bekæmpelse af invasive arter* (Naturmødet: People's Festival of Nature, Hirtshals, 2025, debate)*; *Rewilding i Danmark – Spirer og vokser det?* (Naturmødet: People's Festival of Nature, Hirtshals, 2025, debate)*; *Rewilding "virker"* (Naturmødet: People's Festival of Nature, Hirtshals, 2025, conversation)*; *Dansk skov i nyt lys: Tid til at revurdere fortidens og fremtidens skove*

(Naturmødet: People's Festival of Nature, Hirtshals, 2025); *Danmarks glemte natur* (Naturmødet: People's Festival of Nature, Hirtshals, 2025, conversation)*; *Urørt skov* (Naturmødet: People's Festival of Nature, Hirtshals, 2025, debate)*; *Kæmpeulven kommer – men kan og skal vi genoplive den vilde fortid?* (Royal Danish Academy of Sciences and Letters, 2025, public lecture, with E.D. Lorenzen & M.T.P. Gilbert); *Trophic rewilding as a key restoration approach – insights from and for macro- and paleoecology* (Department seminar, Department of Integrative Biology, University of California, Berkeley, USA, 2025)*; *Trophic rewilding as a key restoration approach: Insights from and for macro- and paleoecology* (Natural History Museum of Denmark, Copenhagen, 2025)*; *Rewilding – en vild tilgang til naturen* (Naturen kalder, Natural History Museum of Denmark, Copenhagen, 2025)*; *Planetary stewardship, nature-based solutions & trophic rewilding in the Anthropocene* (Global Change Biology, Department of Biology, Aarhus University, 2025); *Ecological principles of trophic rewilding* (Wildlife Ecology & Ecosystem Management, Department of Biology, Aarhus University, 2025); (Björn Kurtén Club: Society for paleo-oriented people in Finland, Helsinki, 2025)*; *Trophic rewilding as a restoration approach under emerging novel biosphere conditions* (Finnish Society of Sciences and Letters, Helsinki, 2025)*; *The late-Quaternary megafauna extinctions: Patterns, causes, ecological consequences and implications for ecosystem management in the Anthropocene* (Cambridge Prisms: Real World Challenges Seminar Series, online, 2025)*; *Europe's megafauna and its ecosystem ecology prior to the late-Quaternary defaunation* (Wildlife Ecology & Ecosystem Management, Department of Biology, Aarhus University, 2025); *The long-term base-line for nature in Denmark - and its implications for nature management* (Dansk Flora & Vegetation, Department of Biology, Aarhus University, 2025); *Global change impacts on the biosphere from the Pleistocene to the Anthropocene The late-Quaternary megafauna extinctions: Patterns, causes, ecological consequences and implications for ecosystem management in the Anthropocene* (Department seminar, Department of Biology, University of Miami, USA, 2025)*; *Trophic rewilding as a key restoration approach – insights from and for macro- and paleoecology* (Department seminar, Department of Biology, University of Miami, USA, 2025)*; *Pleistocene climate dynamics and their biogeographic impacts* (PhD course lecture, "Quaternary Biogeographic Dynamics – from the Pleistocene to the Anthropocene," University of Miami, USA, 2025)*; *Late-Quaternary megafauna extinctions – patterns and drivers* (PhD course lecture, "Quaternary Biogeographic Dynamics – from the Pleistocene to the Anthropocene," University of Miami, USA, 2025)*; *Late-Quaternary megafauna extinctions – ecological consequences* (PhD course lecture, "Quaternary Biogeographic Dynamics – from the Pleistocene to the Anthropocene," University of Miami, USA, 2025)*; *GRØN BIO x BLOOM: EN NY NATUR* (Øst For Paradis, Aarhus, conversation, 2025); *Biodiversitetskrisen* (Fanø Skole, 2024)*; *Disequilibrium in biodiversity and ecosystems* (Adler Lab webinar, Quinney College of Natural Resources, online, 2024)*; *What is biodiversity and what is its current state in Denmark, and which strategies can we follow to restore biodiversity and ecosystems based on the latest science?* (Morning Masterclass, AGRO FOOD Park, Aarhus, 2024)*; *Uddøen* (Livets diversitet, Department of Biology, Aarhus University, 2024); *Fremtidens biosfære - økosystemer og biodiversitet i en klimaforandret, menneskedomineret fremtid* (NESTOR, Aarhus University, 2024)*; *A future-oriented, deep-time perspective on European woodlands* (EVOLTREE seminars, online, 2024)*; *Trophic rewilding as a key restoration approach: insights from and for macro- and paleoecology* (Blumenbach Lecture, Göttingen University, Germany, 2024)*; *Hvad er fremtidens udfordringer?* (panel, En dag i demokratiets tjeneste, DOKK1/RÆSON/ÆRA, Aarhus, 2024)*; *Fremtidens økosystemer og biodiversitet i en klimaforandret verden* (DN Aarhus årsmøde, 2024)*; *Megafauna – history, ecology, conservation & restoration of large-bodied vertebrates* (Studiepraktik [High-school study training], Department of Biology, Aarhus University, 2024); *Rewilding – a wild approach to nature* (Science & Beers, Studenterhus Odense, 2024)*; *Ecosystem management under emerging novel biosphere conditions - navigating challenges, necessities, and opportunities* (keynote, Biodiversitetssymposiet, Aarhus University, 2024)*; *Ecological Dynamics in a Novel Biosphere* (Conference on Ecological Dynamics in a Novel Biosphere, ECONOVO, Aarhus University, 2024); *Rewilding. En samtale om at kuratere nature* (panel, with Maria R.

Gjerding; Ny Carlsberg Glyptotek, Copenhagen, 2024)*; *Palms in a novel biosphere* (EUNOPS - European Palm Conference, Aarhus University, 2024); *Deep-time, large-scale perspectives on biodiversity dynamics - implications for biosphere stewardship* (keynote, BIO Conference 2024, Department of Biology, University of Copenhagen)*; *Biodiversitet – Jordens levende natur* (Ungdommens Naturvidenskabelige Forening, Aarhus, 2024)*; *Trophic rewilding* (Grazing and herbivory with focus on domestic ruminants and semi wild herbivores, PhD course, Swedish Agricultural University, online, 2024)*; *Planetary stewardship, nature-based solutions & trophic rewilding in the Anthropocene* (Global Change Biology, Department of Biology, Aarhus University, 2024); *Ecological principles of rewilding* (Wildlife Ecology & Ecosystem Management, Department of Biology, Aarhus University, 2024); *The long-term base-line for nature in Denmark - and its implications for nature management (rewilding, open-ended management)* (Dansk Flora & Vegetation, Department of Biology, Aarhus University, 2024); *Natural vegetation structure, herbivore influence, and trophic rewilding: insights from Last Interglacial to Anthropocene perspectives* (Talk Grasslands!, Eurasian Dry Grassland Group, online, 2024)*; *European ecosystems prior to the late Quaternary defaunation* (Wildlife Ecology & Ecosystem Management, Department of Biology, Aarhus University, 2024); *Panelsamtale: Kan vi rewilde vores byer?* (Building Green DK, Copenhagen, 2024)*; *Trophic rewilding as a key restoration approach – insights from and for macro- and paleoecology* (Hilgendorf Lecture, Evolution and Ecology Research School Tübingen, University of Tübingen, 2024)*; *Megafauna in Europe – Importance, Demise & Restoration* (Megafauna restoration – ecological & legal perspectives on rewilding with large mammals in Brabant and beyond symposium, Tilburg University, Netherlands, 2024)*; *Science for an “abnormal” future* (“An evening for professors”, Aarhus University, 2024)*; *Uddøen* (Livets diversitet, Department of Biology, Aarhus University, 2023); *Megafauna – history, ecology, conservation & restoration of large-bodied vertebrates* (Studiepraktik [High-school study training], Department of Biology, Aarhus University, 2023); *Paleobaselines for large mammals* (Workshop on natural densities, Department of Ecoscience, Aarhus University, 2023)*; *Ecological dynamics and stewardship in a human-dominated biosphere* (Royal Danish Academy of Sciences and Letters, 2023)*; *Elefanten i rummet: Derfor er store dyr vigtige i vores natur* (Naturmødet: People’s Festival of Nature, Hirtshals, 2023)*; *The long-term base-line for nature in Denmark - and its implications for nature management (rewilding, open-ended management)* (Dansk Flora & Vegetation, Department of Biology, Aarhus University, 2023); *Rewilding and planetary stewardship* (Global Change Biology, Department of Biology, Aarhus University, 2023); *Har naturen en fremtid?* (Århundredet Festival, Folkeuniversitetet, online, 2023)*; *Uddøen* (Livets diversitet, Department of Biology, Aarhus University, 2022); *Macroecological-paleoecological perspectives on megafauna effects on ecosystems – implications for conservation and restoration* (Ecology Colloquium, Departments of Landscape Ecology & Vegetation Science, Plant Ecology and Ecology of Tropical Agricultural Systems, Universität Hohenheim, online, 2022)*; *Macroecological-paleoecological perspectives on megafauna effects on ecosystems – implications for conservation and restoration* (Current Topics in Zoology and Evolution, Institutskolloquium, Department of Environmental Sciences, University of Basel, online, 2022)*; *Ecological dynamics in a novel biosphere* (DANEMO symposium “Molecular Ecosystems”, Aarhus University, 2022)*; *Macroecological-paleoecological perspectives on large-herbivore effects on ecosystems – implications for conservation and restoration questions* (IBONE, CONICET, Corrientes, Argentina, 2022)*; *Wildlife in Europe – a historical perspective* (Wildlife Comeback in Europe, University of Cambridge, 2022)*; *Monitoring ecological dynamics under trophic rewilding – a conceptual perspective* (INTECOL, online, 2022); *Integrated macroecological-paleoecological perspectives on large-herbivore effects on ecosystems – implications for conservation and restoration* (5th Conference of the Nordic Society Oikos, Aarhus, 2022); *Half-earth* (BLOOM, 2022); *Rewilding: Hvad skal vi med store dyr i dansk natur?* (Foreningen Danmarks Vilde Natur, online, 2022)*; *Hvordan vil klimaændringer og andre store forandringsfaktorer, fx globaliseringen, påvirke flora og vegetation i et 20-200 års fremtidsperspektiv?* (Dansk Botanisk Forening Generalforsamling, Copenhagen, 2022) *; *Hvad skal vi med store dyr i dansk natur?* (Dansk Botanisk Forening

Jyllandskredsen Generalforsamling, online, 2022)*; *Rewilding and planetary stewardship* (Global Change Biology, Department of Biology, Aarhus University, 2022); *Fremtidens natur* (Offentlige Foredrag i Naturvidenskab, Folkeuniversitetet & Aarhus Universitet, Aarhus, 2022×2); *The long-term base-line for nature in Denmark* (Dansk Flora & Vegetation, Department of Biology, Aarhus University, 2022); *Uddøen* (Livets diversitet, Department of Biology, Aarhus University, 2021); *Integrated macroecological-paleoecological perspectives on large-herbivore effects on ecosystems – implications for conservation and restoration* (Annual Meeting of the Ecological Society of America (ESA), online, 2021); *Rewilding i et internationalt perspektiv* (Konference om Natnationalparker, Danish Ministry of Environment, online, 2021)*; *Rewilding – the "wild" approach to nature restoration* (Global Change Biology, Department of Biology, Aarhus University, 2021); *Megafauna – history, ecology, conservation & restoration of large-bodied vertebrates* (Ecology, Department of Biology, Aarhus University, 2021); *Late-Quaternary megafauna extinctions – the onset of human transformation of the biosphere* (The Past, Present and Future of the Human Niche seminar series, MPI-SHH, Jena, 2021)*; *The long-term base-line for nature in Denmark* (Dansk Flora & Vegetation, Department of Biology, Aarhus University, 2021); *Macroecological perspectives on plant diversity in a changing world* (Swedish Phytogeographical Society Autumn meeting, online, 2020)*; *Naturens reaktioner på klimaforandringerne* (Folkeuniversitetet, Aarhus, 2020); *Fremtidens natur* (Akademiet for Talentfulde Unge - Øst, online, 2020); *Macroecological perspectives on the functional impacts of late-Quaternary megafauna extinctions and potential restoration through trophic rewilding* (Annual Meeting of the Ecological Society of America (ESA), online, 2020); *Fremtidens natur* (Offentlige Foredrag i Naturvidenskab, Folkeuniversitetet & Aarhus Universitet, Aarhus, 2020×2); *The long-term base-line for nature in Denmark* (Dansk Flora & Vegetation, Department of Biology, Aarhus University, 2020); *Hvad sker der med Jordens biodiversitet i Menneskets Epoke?* (Wilhelmkonferencen 2019, Københavns Universitet, 2019)*; *Public conversation "Totalnatur"* (Carlsbergfamilien, Folkemødet: People's Festival, Allinge, 2019); *Rewilding - det manglende led i naturgenopretningen?* (IPBES symposium: Naturgenopretning i et globalt-lokalt perspektiv, Aarhus University, 2019)*; *Naturlig storhed* (Forskningens Skønhed symposium, Royal Danish Academy of Sciences and Letters, Copenhagen, 2019)*; *Trophic rewilding – background, opportunities and challenges for megafauna-based restoration in the Anthropocene* (Biodiversity-Seminar, WSL Birmensdorf, Switzerland, 2019)*; *Panel "Planteæderne mod kødæderne"* (Bloom: festival of nature on science, Copenhagen, 2019); *"Professorpanelet"* (Bloom: festival of nature on science, Copenhagen, 2019); *Laboratorium - Uddannelse for fremtiden* (Naturmødet: People's Festival of Nature, Hirtshals, 2019, debate); *Naturværdier i et bystrategisk perspektiv* (Den Østjyske Millionby, workshop III 'Et bæredygtigt Østjylland'; Horsens, 2019)*; *Trophic rewilding – Megafauna-based restoration in the Anthropocene* (Department of Biology, University of Southern Denmark, 2019)*; *Vildere natur i Danmark – hvorfor, hvordan og hvor?* (Forskningens Døgn, Aarhus University, 2019); *Trophic rewilding – background, opportunities and challenges for megafauna-based ecosystem restoration in the Anthropocene* (Institute of Botany, Chinese Academy of Sciences, Beijing, 2019)*; *Late-Quaternary megafauna extinction - a global perspective with special attention to islands and the island rule* (Island Biogeography and Biodiversity Conservation Workshop, Thousand Island Lake Field Station, Zhejiang University, China, 2019); *Vild natur med store vilde dyr i Danmark – hvorfor og hvordan?* (Folkeuniversitetet, Nysted, 2019); *Biodiversitet og SDG15* (VL gruppe 44, Aarhus, 2019); *The long-term base-line for nature in Denmark* (Dansk Flora & Vegetation, Department of Bioscience, Aarhus University, 2019); *En forskningsbaseret fremtidsvision for Danmarks natur* (keynote, Biodiversitetssymposiet, Aarhus University, 2019)*; *A biogeographic perspective on trophic rewilding* (9th Biennial Conference of the International Biogeography Society, Malaga, 2017); *Humans & biodiversity in the Anthropocene* (Urban Atmospheres workshop, Aarhus School of Architecture, 2018)*; *Mennesker og biodiversitet i Antropocæn* (Bæredygtig Udvikling, UNESCO-ASP-netværksmøde, Egå Gymnasium, 2018)*; *Introduktion og biodiversitet i det antropocæne* (Folkeuniversitetet, Aarhus, 2018)*; *Uddøen*, Folkeuniversitet, Emdrup, 2018)*; *A deep-time perspective on*

Anthropocene woodlands (Woodlands of the Anthropocene: A conference, Aarhus University, 2018); Mennesket er dyrenes konge (Bloom: festival of nature on science, Copenhagen, 2018, debate); Bringing back the mammoth (Bloom: festival of nature on science, Copenhagen, 2018, debate)*; Hvor vilde vil vi være? (Naturmødet: People's Festival of Nature, Hirtshals, 2018, debate)*; Hvad vil vi med vores fælles natur? (Naturmødet: People's Festival of Nature, Hirtshals, 2018, debate)*; Trophic rewilding – background, opportunities and challenges for megafauna-based restoration in the Anthropocene (Botanical Garden of the University of Zurich, 2018)*; Paleoclimate supplements contemporary environment in driving plant functional diversity and vegetation-related ecosystem structure across broad spatial scales (University of Zurich/ETH, 2018)*; Long-term biodiversity-climate disequilibria - a macroecological perspective (Inner Mongolia University, Hohhot, China, 2018)*; Paleoclimate supplements contemporary environment in driving plant functional diversity and vegetation-related ecosystem structure across broad spatial scales (Climate Change Biogeography Meeting, International Biogeography Society, Évora, Portugal, 2018); The long-term base-line for Danish nature (Dansk Flora & Vegetation, Department of Bioscience, Aarhus University, 2018); Rewilding (Naturstyrelsen, 2018); Long-term biodiversity-climate disequilibria - a macroecological perspective (Bolin Centre for Climate Research, Stockholm, University, 2017)*; Rewilding med store vilde dyr i den danske natur – baggrund, status, potentiale & udfordringer (Naturhistorisk Forening for Nordsjælland, 2017)*; Public conversation “Totalnatur” (Carlsberg Fondet Videnskab|Lidenskab, Glyptoteket, 2017); Rewilding – Hvorfor er der udsat vandbøfler og vilde heste i naturen i Aarhus? (Danmarks Naturfredningsforening Aarhus, annual meeting, 2017); Towards preserving the Maasai Mara ecosystem in the Anthropocene – a research perspective (guest lecture, Tropical Ecosystem Management and Human Security, Aarhus University, 2017); Rewilding - state of the art and open questions (Dyreetsk Råd, 2017); Global change biogeography (Institute of Botany, Chinese Academy of Sciences, Beijing, 2017); Species distribution (Institute of Botany, Chinese Academy of Sciences, Beijing, 2017); History supplements current environment in shaping broad-scale patterns in functional diversity and ecosystem structure (Institute of Botany, Chinese Academy of Sciences, Beijing, 2017)*; Long-term biodiversity-climate disequilibria - a macroecological perspective (ARCFUNC workshop, Aarhus University, 2017); Naturens hersker (Naturmødet: People's Festival of Nature, Hirtshals, 2017, debate)*; Rewilding – kan vild natur og god dyrevelfærd forenes? (Naturmødet: People's Festival of Nature, Hirtshals, 2017, debate)*; Rewilding - state of the art and open questions (Naturvejledernes Årskonference, Copenhagen, 2017)*; Long-term biodiversity-climate disequilibria - a macroecological perspective (East China Normal University, Shanghai, 2017)*; Trophic rewilding –background, South American context, and open questions (IBONE, CONICET, Corrientes, Argentina, 2017)*; Trophic rewilding – background, South American context, and open questions (Conservation Land Trust Argentina, Rincón del Socorro, Corrientes, Argentina, 2017); The long-term base-line for Danish nature (Dansk Flora & Vegetation, Department of Bioscience, Aarhus University, 2017); Hvorfor forsvandt megafaunaen? (Folkeuniversitetet, 2017); Long-term biodiversity-climate disequilibria - a macroecological perspective (Gent University, Ghent, 2017)*; History supplements current environment in driving functional diversity patterns (8th Biennial Conference of the International Biogeography Society, Tucson, 2017); Insights from macroecology on ecological responses to climate change (Ecosummit 2016: Ecological Sustainability: Engineering Change, Montpellier); The global relevancy of elephants in rewilding (Elephant Research & Conservation Network, Oxford, 2016); Long-term biodiversity-climate disequilibria - a macroecological perspective (Institute of Plant Sciences, University of Bern, 2016)*; Macroecological perspectives on palm diversity in a changing world (Annual Meeting of the Association for Tropical Biology & Conservation, Montpellier, 2016); A long-term ecological perspective on the Danish landscape (The Wilds of Jutland: Perspectives on the Danish Landscape, Aarhus University Research on the Anthropocene seminar, 2016); Rethinking ecology for the Anthropocene (Urbanism in the Anthropocene, Public seminar, Aarhus School of Architecture, 2016); Store vilde dyr i den danske natur - hvorfor og hvordan? (Naturens Døgn, Botanisk Have, Aarhus, 2016); Min egen historie som*

forskningsleder (Lederudviklingsforløb for Forskningsledere, AU HR, 2016); *The long-term base-line for Danish nature* (Dansk Flora & Vegetation, Department of Bioscience, Aarhus University, 2016); *Elefanter i Jylland og Blåfugle i Haven* (Offentlige Foredrag i Naturvidenskab, Folkeuniversitetet & Aarhus Universitet, Horsens, 2016); *The Influence of Paleohistory on Present-Day Patterns in Biodiversity and Ecosystems* (keynote, Ecology Department Symposium 2016, SLU, Uppsala 2016)*; *The Influence of Long-term History on Present-Day Patterns in Biodiversity and Ecosystems* (CEFE & ISEM, CNRS, Montpellier, 2016)*; *Long-term paleoclimatic legacies in contemporary ecological patterns and function* (Charles University, Prague, 2015)*; *Biodiversity in a World of Human Dominance and Rapid Change – Anthropocene Challenges and Opportunities* (CLUE+, VUA, Amsterdam, 2015)*; *Klima, biodiversitet og Økoinformatik* (Studiepraktik, Department of Bioscience, Aarhus University, 2015); *Ideen bag rewilding* (WWF Danmark's Scientific Committee, Copenhagen, 2015); *Towards preserving the Maasai Mara ecosystem in the Anthropocene – a research perspective* (guest lecture, Tropical Ecosystem Management and Human Security, Aarhus University, 2015); *Interdisciplinary Anthropocene conversation with prof. Anna Tsing* (DUMP! Exhibition, Kunsthall Aarhus, 2015); *Hvad er dansk natur? Status, behov, baggrund og muligheder* (Den Danske Naturfond, Lille Vildmose 2015)*; *Interdisciplinary Anthropocene conversation with Elaine Gan* (Secret Hotel's Landscape Dialogues Summer Lab, Bogens, 2015); *Re-thinking ecology for the Anthropocene* (EU Macro 2015, Copenhagen, 2015)*; *Re-thinking ecology for the Anthropocene* (Annual Meeting of the Ecological Society of America (ESA), Philadelphia, 2015); *Applying botanical 'Big Data' to the study of plant diversity in the Anthropocene* (Institute of Botany, Chinese Academy of Sciences, Beijing, 2015)*; Key-note: *Applying botanical Big Data to the study of plant diversity in the Anthropocene* (Tropical Plant Collections: Legacies from the past? Essential tools for the future? Symposium, Danish Royal Academy of Sciences and Letters, Copenhagen, 2015)*; *Late Cenozoic climate change and the phylogenetic structure of conifer assemblages worldwide* (J.-C. Svenning & W.L. Eiserhardt, Danish OIKOS annual meeting, Aarhus, 2015); *Økologi i Antropocæn* (Teatermiddag "Mennesket med, mod og på kloden" Borgerscenen, Aarhus Teater, 2015); *Hvordan får vi en rigere natur i Danmark?* (Biodiversitetssymposiet 2015, Aarhus, 2015)*; *Late Cenozoic climate change and the phylogenetic structure of conifer assemblages worldwide* (J.-C. Svenning & W.L. Eiserhardt, 7th biennial conference of the International Biogeographic Society, Bayreuth, 2015); *Klima, biodiversitet og Økoinformatik* (Studiepraktik, Department of Bioscience, Aarhus University, 2014); *Elefanter i Jylland og blåfugle i haven* (Folkeuniversitetet, Herning, 2014); *Historical constraints on distribution and diversity patterns* (5th International Course "Ecological consequences of climate changes", Doñana Biological Reserve, 2014)*; *Plant species range dynamics under climate change* (RAINBIO-CESAB, Marseille, 2014); *Pre-extinction interglacial ecosystem structure – the European case and global perspectives* (Conference "Megafauna and Ecosystem Function: from the Pleistocene to the Anthropocene", University of Oxford, 2014); *Nye arter i Danmarks flora* (Folkeuniversitetet, Århus, 2014); *Elefanter i Jylland og blåfugle i haven* (Offentlige Foredrag i Naturvidenskab, Aarhus University, 2014); *Fortidens klimacændringer former nutidens flora og fauna* (Royal Danish Academy of Sciences and Letters, Copenhagen, 2014); *Vegetation responses to future climate change - pervasive disequilibrium dynamics?* (Dansk Flora & Vegetation, Department of Bioscience, Aarhus University, 2014); *The long-term base-line for Danish nature* (Dansk Flora & Vegetation, Department of Bioscience, Aarhus University, 2014); *Long-term historical climate legacies in contemporary ecological patterns and function* (University of Tartu, 2014)*; *Long-term paleoclimatic legacies in current biodiversity patterns* (iDIV, Leipzig, 2013)*; *Ideen bag rewilding* (Wilhjem+12, Danmarks Naturfredningsforening, Copenhagen, 2013)*; *Biodiversity in a world of human dominance and rapid change – Anthropocene challenges and opportunities* (AURA inauguration, Aarhus University, Aarhus, 2013); *Umulig økologi* ("Umulig Videnskab", Vin & Videnskab, Natural History Museum of Denmark, Copenhagen, 2013); *Persistent diversity-climate disequilibria due to Quaternary and pre-Quaternary climate change* (Umeå University, Umeå, 2013)*; *Vegetation responses to future climate change - pervasive disequilibrium dynamics?* (Umeå University, Umeå, 2013)*; *Climate change and*

biodiversity – impacts, risks, uncertainties, and policy advice (Science and Policy Advice ICSU symposium, Royal Danish Academy of Science and Letters, 2013)*; *Vild natur med store vilde dyr i Danmark – hvorfor og hvordan?* (Dansk Magisterforening, Givskud Zoo, 2013)*; *A richer wild megafauna in Denmark – why and how?* (Det Miljøøkonomiske Råds Årlige Konference, Skodsborg, 2013)*; *Long-term lags in biodiversity responses to climate change* (INTECOL 2013, London, 2013); *Persistent diversity-climate disequilibria due to Quaternary and pre-Quaternary climate change* (Annual Meeting of the Ecological Society of America (ESA), Minneapolis, 2013); *Paleoclimatic legacies in contemporary ecological patterns* (Peking University; Beijing, 2013)*; *Vegetation responses to future climate change – pervasive disequilibrium dynamics* (Institute of Botany, Chinese Academy of Sciences; Beijing, 2013)*; *Rewilding – ecological restoration in a long-term ecological and evolutionary context* (Dansk Flora & Vegetation, Department of Bioscience, Aarhus University, 2013); *En vidensbaseret tilgang til nye arter i Danmark* (Biodiversitetssymposium, University of Copenhagen, 2013); *En fremtid med vilde store dyr i den danske natur – hvorfor og hvordan?* (Vin & Videnskab, Natural History Museum of Denmark, Copenhagen, 2013); *Pervasive disequilibrium dynamics in vegetation under near-future climate change* (J.-C. Svenning & B. Sandel, IEE Mini-Symposium, Aarhus, 2013); *Vegetation responses to future climate change – pervasive disequilibrium dynamics?* (J.-C. Svenning & B. Sandel, 6th biennial conference of the International Biogeographic Society, Miami, 2013); *Er den danske natur plejekrævende? – Vild natur som forvaltningsmål* (Temadag om Evidensbaseret naturforvaltning, Aarhus University, 2012)*; *Slip elefanterne løs* (Folkeuniversitetet-Vejle, 2012); *Rewilding – ecological restoration in a long-term biogeographic context* (Macroecology & Community Ecology, Institute of Biology, University of Copenhagen, 2012); *Grønlands biodiversitet – klimaets betydning i fortid, nutid og fremtid* (Greenland symposium, Royal Danish Academy of Sciences and Letters, Copenhagen, 2012)*; *Long-term legacies of past climate change – a macroecological perspective* (NordForsk Summer School in Climate-Change Effects on Terrestrial Ecosystems, Finse, 2012)*; *Dispersal constraints on species distributions* (Riederalp workshop on range dynamics, Riederalp, 2012); *Paleoclimatic imprints on current large-scale diversity patterns* (Universidad de Sevilla, Spain, 2012)*; *Megafaunal impacts on forest ecosystems – a Pleistocene perspective* (Institute of Botany, Chinese Academy of Science, Beijing, 2012)*; *Long-term historical regional effects on local biotic communities* (Institute of Botany, Chinese Academy of Science, Beijing, 2012)*; *Paleoclimatic imprints on current large-scale diversity patterns* (Institute of Botany, Chinese Academy of Science, Beijing, 2012)*; *Ecoinformatics and the ecology of global change* (Institute of Botany, Chinese Academy of Science, Beijing, 2012)*; *Ecoinformatics and the ecology of global change* (Graduate University of Chinese Academy of Science - GUCAS, Beijing, 2012)*; *Ecoinformatics and the ecology of global change* (Institute of Geographic Sciences and Natural Resources Research - IGSNRR, Chinese Academy of Science, Beijing, 2012)*; *Rewilding – ecological restoration in a long-term ecological and evolutionary context* (Dansk Flora & Vegetation, Department of Bioscience, Aarhus University, 2012); *Rewilding in a long-term ecological and evolutionary context* (“Rewilding as tool and target in the management of biodiversity” symposium, Aarhus, 2012); *Istiderne former nutidens biologiske mangfoldighed* (Royal Danish Academy of Sciences and Letters, Copenhagen, 2012); *Species distributions* (Macroecology & Community Ecology, Institute of Biology, University of Copenhagen, 2011); *Ecoinformatics and the ecology of global change* (Biodiversity in the Silicon Age, Royal Danish Academy of Sciences and Letters, 2011); *Naturlig vegetationsstruktur i Nordvesteuropa – de tidligere mellemistider som base-line* (Dansk Flora & Vegetation, Department of Biological Sciences, Aarhus University, 2011); *Naturlig vegetationsstruktur i Nordvesteuropa – de tidligere mellemistider som base-line* (Naturstyrelsen Odense, 2011); *History in macroecology* (Institute of Biology, University of Copenhagen, 2011); *Naturlig vegetationsstruktur i Nordvesteuropa – de tidligere mellemistider som base-line* (Biodiversitetssymposiet 2011, Aarhus University, 2011)*; *Klima, biodiversitet og Økoinformatik* (Studiepraktik, Department of Biological Sciences, Aarhus University, 2010); *Ecoinformatics – the computing approach to ecology* (3×: MADALGO, AU IT Day, BiRC, Aarhus University, 2010); *Naturen i bevægelse – klimaets betydning for den biologiske*

mangfoldighed (Public Lectures in Natural Science, Aarhus University, 2 days and a total audience of 1700, 2009); *Klima, løver og formidling af forskning i medierne* (PhD course in Research Communication, Aarhus University, 2009); *What constitute base-line natural conditions in Denmark?* (Dansk Flora & Vegetation, Department of Biological Sciences, Aarhus University, 2009); *Den globale opvarmning og den biologiske mangfoldighed* (DGH - Danske Godser og Herregårde og Nykredit, DGH Ungdomsseminar 2009, Copenhagen, 2009)*; *Klimaændringernes betydning for økosystemer og biodiversitet* (Annual meeting of the Danish Association of Zoos and Aquaria, Knebel, 2009)*; *Plant migrations under climate change – implications for conservation planning* (the “Beyond Kyoto: addressing the challenges of climate change” conference, Aarhus, 2009); *Den globale opvarmning og den biologiske mangfoldighed* (Nykredit, 8 meetings, 2008)*; *Klima, løver og formidling af forskning i medierne* (PhD course in Research Communication, Aarhus University, 2008); *An evolutionary perspective on the New World palm (Arecaceae) geographic diversity pattern* (12th Nordic Meeting on Neotropical Botany, University of Turku, 2008); *Large-scale biogeographic influences on plant species composition, diversity and dynamics in forest ecosystems* (NordForsk PhD summer school Understanding species composition, diversity and dynamics in forest ecosystems, Lammi, Finland, 2008); *Et visionært bud på den danske natur – og græsnings rolle heri / Hvor stort er behovet for græsning og anden pleje?* (Græsningsseminar, Skov- & Naturstyrelsen & Aage V. Jensens Fonde, Naturcenter Herstedhøje, 2008)*; *Palm diversity patterns in the New World – assessing the roles of climate, ecology, and evolution using ecoinformatics* (VIII EUNOPS Meeting, Meran, Italy, 2008); *‘History’ in macroecology* (Macroecology, Institute of Biology, University of Copenhagen, 2008); *Hvordan vil Danmarks natur se ud om 100 år?* (Forskningens Døgn, Aarhus University, 2008); *Under completely natural conditions, what kind of vegetation would there be in Denmark?* (Dansk Flora & Vegetation, Department of Biological Sciences, Aarhus University, 2008); *Ice age legacies in the European flora* (DanBIF International Conference on Biodiversity Informatics and Climate Change Impacts on Life, Aarhus University, 2008); *Current plant diversity patterns in Europe - the role of ice age refuge locations and postglacial migrational lags* (NERC Centre for Population Biology, Imperial College, London, 2008); *Using Redundancy Analysis to investigate the controls of species composition* (Biologisk Dataanalyse: Multivariat Analyse, Department of Biological Sciences, Aarhus University, 2008); *Potentielle konsekvenser af den globale opvarmning for den danske flora og vegetation* (Generalforsamling i Dansk Botanisk Forening - Jyllandskredsen, Aarhus, 2008)*; *Potentielle konsekvenser af den globale opvarmning for den danske flora og vegetation* (Klimaændringer og den danske natur, National Conference on the Museum of Natural History, Aarhus, 2007)*; *‘History’ in macroecology* (Macroecology, Institute of Biology, University of Copenhagen, 2007); *Under completely natural conditions, what kind of vegetation would there be in Denmark?* (Dansk Flora & Vegetation, Department of Biological Sciences, Aarhus University, 2007); *Evolution of the latitudinal palm diversity gradient* (Annual Meeting of the Department of Biological Sciences, Aarhus University, 2007); *Using Redundancy Analysis to investigate the controls of species composition* (Biologisk Dataanalyse: Multivariat Analyse, Department of Biological Sciences, Aarhus University, 2007); *Arter og klima – nu og i fremtiden* (Folkeskolelærerdag – biologi og geologi, Aarhus University, 2006); *Modeling distributions and richness with species occurrence data* (ISOBIS/GBIF/NordForsk PhD Summer School in Biodiversity Informatics, Sandbjerg, 2006); *Geographic community similarity patterns in the New World palm flora* (S. Bjorholm & H. Balslev, 11th Nordic Meeting on Neotropical Botany, Aarhus University, 2006); *‘History’ in macroecology* (Macroecology, Institute of Biology, University of Copenhagen, 2006); *Using Redundancy Analysis to investigate the controls of species composition* (Biologisk Dataanalyse: Multivariat Analyse, Department of Biological Sciences, Aarhus University, 2006); *Global opvarmning* (Rotary meeting, Varna, Aarhus, 2005)*; *The role of dispersal limitation in community assembly* (ISOBIS III Annual Meeting, Aarhus, 2005); *Potential and actual ranges of plant species in response to climate change - implications for the impact of 21st century global warming on biodiversity* (Meeting on biodiversity and climate change, Environmental Assessment Institute, 2004); *Diversitet i Drivhuset?* (50 Years Anniversary of the

Faculty of Science, Aarhus University, 2004); *Den globale klimaudviklings betydning for biodiversiteten – med den europæiske skovflora som eksempel* (High School Teacher's Day, Aarhus University, 2004); *Mennesket og megafaunaen + Den globale klimaudviklings betydning for biodiversiteten – med den europæiske skovflora som eksempel* (Seminar on Bioethics for Danish Nature Conservation, Hjortshøj, 2004); *Harvesting of Geonoma leaves for thatch: exploring sustainability* (Biodiversity and Ethnoecology Thematic Day, Aarhus University, 2004); *Plant community ecology in tropical moist forests* (Tropical rainforest ecology course, Aarhus University, 2004); *Den europæiske skovflora i fortid, nutid og fremtid: diversitet og udbredelse* (Department Meeting, Department of Biological Sciences, Aarhus University, 2004); *Nogle grundforskningsmæssige indspark til den danske naturdebat* (Østjysk Biologisk Forening, Århus, 2004)*, *Plant community ecology in tropical moist forests* (Tropical rainforest ecology course, Aarhus University, 2003); *Vegetationens beskaffenhed i Danmark under naturlige forhold* (Botany Discussion Group, Aarhus University, 2002); *What is the natural baseline for evaluation of condition and trends? - With special emphasis on the natural vegetation of North-western Europe* (Nordic Mapping & Monitoring Workshop, DMU-NERI, Fuglsøcenteret, 2002)*; *Vegetationens beskaffenhed i Danmark under naturlige forhold* (Dansk Botanisk Forening, Århus, 2002)*; *Regnskovens gådefulde plantediversitet – Resultater fra Ecuador og Panama* (Ecuador-Galapagos prep course; Aarhus University, 2002); *Plant community ecology on BCI, Panama* (Tropical rainforest ecology course, Aarhus University, 2002); *Plant community ecology on BCI* (STRI, 2001). *Tropical tree diversity* (Panel discussion w/ S. P. Hubbell, S. J. Wright, R. Condit, E. Leigh, and G. Orians, STRI, 2001). *Plant distributions in a complex tropical forest landscape (BCI)* (J.-C. Svenning & R. Stallard: STRI, 2001); *The importance of microhabitat variation for the population and community ecology of rain forest palms* (STRI, 2000); *Palme-mikrohabitat i Amazonas* (Aarhus University, 1999); *The importance of microsite variation for palms* (STRI, 1999); *Quantitative structural data* (ESF workshop, Aarhus University, 1998); *Palm-mikrohabitat relationships* (7th Meeting on Nordic Botanical Research in the Neotropics, Aarhus University, 1997); *En rigtig urskov* (with E. Magård, Nepenthes Café-aften, Århus, 1996); *Demografía de palmeras (Arecaceae) en la Amazonía ecuatoriana* (II Congreso Ecuatoriano de Botánica, Quito, 1995).

POSTERS: Author and co-author of a large number of posters.

BOOK INTERVIEWS: M. Rothenborg. 2009. *Tordenregn – Danmark's fremtid i en varmere verden*. Lindhardt og Ringhof.

PRESS: Infomedia (Danish & international media database): 3064 entries (19/08 2026), plus many international features. A Google search on “Jens-Christian Svenning”: >75,000 hits (19/08 2026).

EDITORIAL EXPERIENCE: *Ecography*, review editor, 2026-, deputy Editor-in-Chief, 2010-2026, subject editor (plants), 2005-2010. *PLOS Ecosystems*, academic editor, 2025-. *Nordic Journal of Botany*, subject editor (evolutionary biology, biogeography, macroecology), 2007-. *Anthropocene*, editorial board, 2026-. *Bonplandia*, scientific committee, 2025-. *Geography and Sustainability*, editorial board, 2020-. *One Earth*, advisory board, 2019-. *Quaternary*, advisory board, 2017-2025. *Journal of Biogeography*, associate editor, 2007-2019. *Frontiers of Biogeography*, 2018, College of Biogeographers. *Editorial committee, Beyond Kyoto: Addressing the Challenges of Climate Change proceedings*, IOP Conference Series: Earth and Environmental Science 8, 2009. Peer reviewer for many journals, e.g., Science, Nature, Nature Comm., PNAS, Ecol. Lett., Curr. Biol., Proc. R. Soc. B, Glob. Change Biol.

ORGANISATORIAL ACTIVITIES: (27) Session chair & Conference Focus Group Member, *MatchPoints 2026 – Resilience in a Challenged Europe*, Aarhus University, 2026; (28) Scientific organizing committee, *12th Biennial Conference of the International Biogeography Society*, Aarhus, Denmark, 2026; (27) Session chair & Conference Focus Group Member, *MatchPoints 2025* -

Beyond Climate Neutrality: How do we get the planet back on track?, Aarhus University, 2025; (26) Scientific committee, *SANORD 2025: Knowledge Economies in a Changing World*, Aarhus University, 2025; (25) Organizing committee, *Biodiversitetssymposiet 2024*, Aarhus University, 2024; (24) Organizing committee, *Conference on Ecological Dynamics in a Novel Biosphere*, ECONOVO, Aarhus University, 2024; (23) Organizing committee, The European Network of Palm Scientists (EUNOPS) meeting, Aarhus, 2024; (22) Organizing committee, *BIOCHANGE symposium*, BIOCHANGE, Aarhus University, 2022; (21) Organizing committee, *Biodiversitetssymposiet 2022*, University of Copenhagen, 2022; (20) Organization/Scientific Committee, *PALMS 2020*, Rio de Janeiro, Brazil, 2020; (19) Organizing committee, *Biodiversitetssymposiet 2019*, Aarhus University, 2019; (18) Organizing committee, *Woodlands of the Anthropocene: A conference*, Aarhus University, 2018; (17) Organizing committee, Organized Oral Session *New Perspectives for Ecology during the Anthropocene: New Paradigms, Technologies and Collaborations*, ESA Annual Meeting, Baltimore, USA, 2015; (16) Organizing committee, Royal Danish Academy of Sciences and Letters *Tropical Plant Collections: Legacies from the past? Essential tools for the future?*, 2015; (15) Organizing committee, *Biodiversitetssymposiet 2015*, 2015; (14) Organizing committee, *World Palm Symposium 2015*, Quindío, Colombia, 2015; (13) Organizing committee, *TaSiL: Time and space in linguistics: interdisciplinary computational approaches*, Aarhus University, 2014; (12) Organizing committee, *The diversity of diversity studies: retrospectives and future directions symposium*, INTECOL/BES 2013, London, 2013; (11) Organizing committee, *Rewilding as tool and target in the management of biodiversity symposium*, Aarhus, 2012; (10) *International Biogeography Society's Wallace Awards Committee*, 2012; (9) Organizing committee, Royal Danish Academy of Sciences and Letters *Biodiversity in the Silicon Age symposium*, 2011; (8) *Ad-hoc Director-at-large for the International Biogeography Society*, 2011-2013; (7) Organizing committee for *Biodiversitetssymposiet 2011*, 2011; (6) *Vice-President for Conferences for the International Biogeography Society*, 2009-2011; (5) Chair, Abstracts committee of the *5th Biennial Conference of the International Biogeography Society*, Heraklion, Crete, 2011; (4) Organizer, *Conservation Biogeography: Integrating Biogeography and Conservation Science in a Changing World* session on *UNESCO IYB Biodiversity Science Policy Conference*, UNESCO, Paris, 2010 (w/ R.J. Whittaker); (3) Responsible for the Biodiversity & Ecosystems theme of the international conference *Beyond Kyoto: Addressing the Challenges of Climate Change*, Aarhus University, 2009. (2) Chair, Abstracts committee of the *4th Biennial Conference of the International Biogeography Society*, Merida, Mexico, 2009. (1) Co-organizer, *DanBIF International Conference on Biodiversity Informatics and Climate Change Impacts on Life*, Aarhus University, 2008.

ADMINISTRATION: (8) Directorate, Dept. Bioscience, Aarhus University (AU), 2013-2019; (7) PhD stipend committee, CIRRAU, 2013-. (6) Elected member, Institutforum ((Department Forum), Department of Bioscience, Aarhus University, 2011-2016; (5) Elected member of Academic Council, Faculty of Science and Technology, Aarhus University, 2012-2015; (4) Member, Executive Committee, Department of Biological Sciences, Aarhus University, 2010-2011; (3) Member, *Aarhus University Climate Panel*, 2009; (2) Member, Research Committee, Department of Biological Sciences, Aarhus University, 2009-2011; (1) Member, PR Committee of the Department of Biological Sciences, Aarhus University, 2009-2011.

EXTERNAL BOARDS & COMMITTEES: (20) InterNodes (non-profit organization, stewarding the world's largest forest biodiversity data network), advisory board, 2026-; (19) Earthkeeper Sanctuaries Fonden, board, 2025-(18); Aarhus Institute of Advanced Studies (AIAS), Board of Directors, 2023-; (17) Biodiversitetsrådet (Danish Biodiversity Council, to provide expert advice to the Danish government and parliament), Ministry of Environment of Denmark, 2020-2026; (16) International Research Center of Big Data for Sustainable Development Goals (CBAS), Beijing, International Advisory Committee, 2021-2026; (15) Urørt skov forskerfølgegruppe, Naturstyrelsen, Miljøministeriet, 2021-; (14) Rewilding Europe, supervisory board, 2020-; (13) Den nationale videnskabelige arbejdsgruppe vedr. naturnationalparkerne, Naturstyrelsen, Miljøministeriet, 2020-;

(12) Det Grønne Råd, Aarhus Kommune, 2020-2022, suppleant, 2022-2023; (11) 15. Juni Fonden, board, 2018-; (10) Biodiversity Atlas Sweden (BAS) & Swedish LifeWatch (SLW), joint steering committee, 2018; (9) IPBES Denmark, steering committee, 2016-2017; (8) Gothenburg Global Biodiversity Centre, Advisory board, 2017-2019; (7) Rewilding Mols Advisory board, 2016-2025; (6) Maasai Mara Science & Development Initiative (MMSDI), Scientific Board (chair), 2015-2018, Board (chair), 2018-2024, Board (Director at large), 2024-; (5) Mara Elephant project Scientific Committee, 2015-2017; (4) Rådgivende Udvalg for Lille Vildmosefredningen, 2013-2019; (3) Udvalget for Danmarks Naturkanon, 2009; (2) Forskningsfagligt Rådgiverpanel for Koordineringsenhed for Forskning i Klimatilpasning, 2008; (1) IUCN Species Survival Commission Palm Specialist Group, 2005-2029.

EVALUATIONS: Assessment committees: (25) member, Professor in Plant Evolution and Biodiversity, Department of Biology, Aarhus University, 2024; (24) reviewer, Full professor, Department of Ecology and Evolutionary Biology, Princeton University, 2024; (23) member, European Research Council (ERC) Starting Grant panel, 2023 (only first step, due to accident); (22) External reference, tenure promotion committee, associate professor, School of Environmental Science and Engineering, Southern University of Science and Technology (SUSTech), China, 2023; (21) external reference, tenure promotion committee, Professor, Biology Department, City College of New York, US, 2023; (20) chair, Professor, DNRF Chair in Tropical Plant Diversity and Ecosystems, Department of Biology, Aarhus University, 2023; (19) member, European Research Council (ERC) Starting Grant panel, 2021; (18) member, Research Assessment Committee, Leiden Institute of Environmental Sciences (CML), 2021; (17) member, Honorary professorship, Department of Bioscience, Aarhus University, 2021; (16) member, European Research Council (ERC) Starting Grant panel, 2019; (15) reviewer, VELUX Fonden, 2018; (14) member, professorship in Earth System Sciences 2nd Professorial Chair, University of Zurich, Switzerland, 2017-2018; (13) External reference, tenure promotion committee, Professor, Department of Biology, Kenyon College, US, 2017; (12) member, Associate professor, wildlife and conservation management, Department of Food and Resource Economics, University of Copenhagen, 2017; (11) member, Professor/førsteamanuensis, botanical diversity and ecological application of GIS, Museum of Natural History, University of Oslo, 2015-2016; (10) member, Associate Professor, Quaternary Palaeoecology, University of Bergen, 2015; (9) chair, Associate professor, plant ecophysiology, Department of Bioscience, Aarhus University, 2012; (8) member, Professor, conservation decision analysis, Faculty of Biological and Environmental Sciences, University of Helsinki, Finland, 2010; (7) member, Professor, ecology, University of Jyväskylä, Finland, 2009-2010; (6) member, Professor mso, invasion ecology of plants, University of Copenhagen, 2009; (5) chair, Professor, bioinformatics, Aarhus University, 2009; (4) member, Professor, conservation biology, University of Copenhagen, 2009; (3) member, Postdoc, Department of Ecology, University of Copenhagen, 2008; (2) member, Postdoc, Danish Centre for Forest, Landscape and Planning, University of Copenhagen, 2008; (1) *ad hoc* member, International PhD School of Biodiversity Sciences PhD application evaluation board. **External referee, appointments & promotions:** Department of Ecology and Evolutionary Biology, UCLA (professor, Step IV), 2026; School of Environment, Education and Development, University of Manchester (reader), 2025; Department of Organismic and Evolutionary Biology Harvard University (associate professor), 2024; School of Geography and the Environment, University of Oxford (tenure, professor), 2022; University of Maryland (professor), 2020; Yale University (tenure, associate professor), 2020; University of New South Wales (associate professor), 2016; University of Edinburgh (senior lecturer), 2016; University of Melbourne (associate professor), 2015; University of North Carolina, 2015 (associate professor). **Examiner, doctoral theses:** W. Teljer, Department of Biological and Environmental Sciences, University of Gothenburg, Sweden, 2006 (half-time seminar); N. Burrell, Department of Biology, University of Oxford, UK, 2025; J. Segar, Martin-Luther-Universität Halle-Wittenberg, Germany, 2023 (written evaluation); L. Gottlieb, Department of Geosciences and Natural Resource Management, University of Copenhagen, 2021; O. Hagen, ETH Zurich, Switzerland, 2021; T.

Andermann, Gothenburg University, Sweden, 2020; B. Saladin, ETH Zurich, Switzerland, 2020; A.F. Rodriguez, National Museum of Natural History, University of Copenhagen, Denmark, 2016; A. Ronk, Institute of Ecology and Earth Sciences, University of Tartu, Estonia, 2016; C. Quintana, Department of Bioscience, Aarhus University, 2015; G. Zuquim, University of Turku, Finland, 2015 (pre-examiner); U.P. Pedersen, University of Copenhagen, Denmark, 2014; M.K. Borregaard, University of Copenhagen, Denmark, 2010; M. Romo, University of Turku, Finland, 2004; L. Schulman, University of Turku, Finland, 2003. **External examiner, MSc theses:** M.H. Winnicki, University of Biology, University of Copenhagen, 2020; T. P. Arkwright, Natural History Museum of Denmark, University of Copenhagen, 2018; D.M. Truelsen, Natural History Museum of Denmark, University of Copenhagen, 2015; J.K. Sheard, Department of Biology, University of Copenhagen, 2015; K. Giampoudakis, Department of Biology, University of Copenhagen, 2013; C.E. Simonsen, Department of Biology, University of Copenhagen, 2011; M.K. Borregaard, Institute of Biology, University of Copenhagen, 2006; A.-S. Stensgaard, Danish Bilharziasis Laboratory & University of Copenhagen, 2005. **External examiner, other student projects:** Stefan Hestbek, University of Southern Denmark, 2020. **Referee, MSc theses:** Fabiola Montoya, Universidad Mayor de San Andrés, Bolivia, 2018; C. Bernandes, Instituto Nacional de Pesquisas da Amazônia, Brazil, 2007. **Referee, grant applications:** ERC, CoG applications (2), 2022; ERC, ERC StG applications (2), 2016; Philip Leverhulme Early Career Prize, 2016; Academy of Sciences of the Czech Republic, GAAV, 2004. **External examiner, university courses:** *Conservation* (2005, 2006, 2007, 2008, 2009), *Macroecology* (2006, 2007, 2008, 2010), and *Macroecology and Community Ecology* (2011, 2012), Institute of Biology, University of Copenhagen.

CONSULTING: (4) Scientific consultant on Trap Danmark (<http://trapdanmark.dk/>), a national geographic encyclopedia, 2015-2021. (3) Project supervisor on “Technical Assistance for collecting information on the distribution patterns and diversity of plants in the Peruvian Amazonia” (part of BIODAMAZ II, Dissemination phase), funded by Biota BD oy, Finland, 2006-2007. (2) Svenning, J.-C. & Kanstrup, J. 2002. Commentaries to ”Udkast til Forslag til skovlov” (by Skovforeningen). Nepenthes. (1) Svenning, J.-C., Muldtofte, J. & Kanstrup, J. 2002. Høringssvar - det nationale skovprogram. Nepenthes.