

Programm der Sitzung

20.-25. Sept. 2026



European Palaeobotany and Palynology Conference 2026

***Plants in extremis: Palaeobotanical and
palynological signatures of Earth's extreme
environments and events***

Münster
Fürstenberghaus, Domplatz 20-22, 48143 Münster

Di., 22. September

09:00

Plants in extremis: Palaeobotanical and palynological signatures of Earth's extreme environments and events

Sitzung | **Ort:** Fürstenberghaus, Auditorium F1 | **Vorsitzende:**
Jennifer McElwain, Bas van de Schootbrugge, Chris Mays

09:00–09:15 Uhr

Unravelling Mid-Holocene Climate Variability, Landscape Dynamics, and Human Responses in the Central Gangetic Plain of the Indian Subcontinent

Sprecher

Anjali Trivedi

09:15–09:30 Uhr

Quantifying Climate, Vegetation, and Monsoon Variability Through Integrated Palynological Records in the Northwestern Himalaya, India

Sprecher

Anupam Nag

09:30–09:45 Uhr

Mid-Holocene Climate-Vegetation Coupling and Fluvial Dynamics in Majuli Island (Upper Brahmaputra Valley, India): Insights from a Multiproxy Record

Sprecher

Arya Pandey

09:45–10:00 Uhr

Study of the pollen depositional pattern and sediment grain size of Kaziranga National Park in and around mona lake and its implications for palaeoecology and palaeoflood analysis

Sprecher

Siddhant Vaish

10:00–10:15 Uhr

Pollen-based vegetation history reveals Middle Miocene rapid uplift of the Gangdese Mountains, southern Tibet

Sprecher

Yi Yang

10:15–10:30 Uhr

The Oligocene vegetation and palaeoclimate of the Stanley Bank Basin, Bristol Channel, UK

Sprecher

Jessica McCoy

10:30

11:00

Plants in extremis: Palaeobotanical and palynological signatures of Earth's extreme environments and events

Sitzung | **Ort:** Fürstenberghaus, Auditorium F1 | **Vorsitzende:**
Chris Mays, Bas van de Schootbrugge, Jennifer McElwain

11:00–11:15 Uhr

Born of Fire - The sub-basaltic silcrete floras of eastern Australia and a role for volcanism in shaping the modern Australian flora

Sprecher

Andrew Rozefelds

11:15–11:30 Uhr

Climbing behaviour of the early Permian zygopterid fern *Nemejcopteris haiwangii*: evidence and palaeoecological implications

Sprecher

Weiming Zhou

11:30–11:45 Uhr

Permian fossil whispers ancient forests and their climate: a megafloristic and palynological assay from the eastern Himalaya, Sikkim, India

Sprecher

Suraj Kumar Sahu

11:45–12:00 Uhr

Forest burial and recovery associated with explosive volcanism prior to the end-Permian extinction in the Sydney Basin, Australia

Sprecher

Stephen McLoughlin

12:00–12:15 Uhr

Rapid greening of Central Asia during the PETM: evidence from the Xining Basin

Sprecher

Amber Woutersen

12:15–12:30 Uhr

Mangrove species of South East Asian origin in the Amazon

Sprecher

Carina Hoorn

12:30

13:45

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Sitzung | **Ort:** Fürstenberghaus, Auditorium F1 | **Vorsitzende:**
Chris Mays, Jennifer McElwain, Bas van de Schootbrugge

13:45–14:00 Uhr

Lycophytes go berserk following the end-Triassic extinction- evidence from Scandinavia

Sprecher

Vivi Vajda

14:00–14:15 Uhr

Leaf temperature was a selective filter at the Triassic-Jurassic Boundary: certain paleo-trait combinations work better than others in hot, dry Earth

Sprecher

William Matthaeus

14:15–14:30 Uhr

Fossil ginkgo leaves reveal coupled atmospheric CO₂ and mercury variations across the Early Jurassic volcanic perturbation**Sprecher**

Li Zhang

14:30–14:45 Uhr

Exceptional preservation of a Mid-Jurassic plant ecosystem in southern Sweden: insights from macroflora, palynology, and stomatal responses**Sprecher**

Daniela Quiroz-Cabascango

14:45

16:00

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Jennifer McElwain, Chris Mays, Bas van de Schootbrugge

16:00–16:15 Uhr

What is the paleo-elementome and what can it tell us about plant mass extinction and ecosystem collapse?**Sprecher**

Jennifer McElwain

16:15–16:30 Uhr

Preserved Leaf Palaeo-elementomes in end-Triassic Event Dominant Floral Groups**Sprecher**

Antonietta Barbara Knetge

16:30–16:45 Uhr

Unravelling element distribution in extant and fossil fern spores using synchrotron Nano-XRF**Sprecher**

Sofie Lindström

16:45–17:00 Uhr

Mercury accumulation and mutagenesis in ferns surviving mass-extinction**Sprecher**

Bas van de Schootbrugge

17:00