



**Linnean Society
of London
Palaeobotany Specialist Group
Autumn Meeting**

Wednesday 31st October 2012
Linnean Society, Burlington House, Piccadilly, London, W1J 0BF
www.linnean.org

9.00 *Registration*

9.25 **Welcome by Dianne Edwards, President of the Linnean Society of London**

Morning session – Chair: Margaret Collinson

9.30-9.55 **Richard Bateman** (Royal Botanic Gardens, Kew)
HETEROSPORY: WHAT IS IT, WHO DOES IT, AND WHY DOES IT MATTER?

9.55-10.20 **Borja Cascales-Miñana** (AMAP, Montpellier)
ON THE EVOLUTION AND DIVERSIFICATION PATTERNS OF EARLY
VASCULAR PLANTS: WHAT DO THE ZOSTEROPHYLLOPSIDS TELL US?

10.20-10.45 **Christine Strullu-Derrien** (Natural History Museum, London)
PLANT SYMBIOSES IN PALAEOZOIC-MESOZOIC TIMES

10.45-11.15 *Tea/Coffee in the Library*

11.15-11.40 **Sarah King** (University of Birmingham)
CARBONIFEROUS AND PERMIAN PHYTOGEOGRAPHY OF NORTH CHINA

11.40-12.05 **Andy Rees** (University of Birmingham)
DIGITAL INTERACTIONS WITH LYCOPOD CONE MORPHOLOGY

12.05-12.30 **Chris Berry** (Cardiff University)
DEVONIAN LYCOPOD FORESTS IN SVALBARD

12.30-14.00 *Lunch (at venues outside the society)*

Afternoon session – Chair: Richard Bateman

14.00-14.25 **Paul Kenrick** (Natural History Museum, London)
RECONSTRUCTING FOSSIL TREES FROM THE JURASSIC PURBECK FOREST
OF SOUTHERN ENGLAND

14.25-14.50 **Claire M. Belcher** (University of Exeter)
NOVEL APPLICATION OF LASER SCANNING MICROSCOPY AND IMAGE
ANALYSIS TO IMPROVING THE RESOLUTION OF THE FOSSIL RECORD OF
WILDFIRE ACTIVITY

14.50-15.15 **Leyla J. Seyfullah** (Georg-August-Universität Göttingen)
STICKY MOMENTS – UNDERSTANDING AMBER PRESERVATION THROUGH
MODERN RESIN STUDIES

15.15-15.45 *Tea/Coffee in the Library*

15.45-16.10 **Barry Thomas** (Aberystwyth University)
NOMEN NUGAS: THE CASE FOR LEGALISING JUNK TAXA

16.10-16.35 **David Steart** (Natural History Museum, London)
IS SOUTHERN AFRICA DIFFERENT? AN INVESTIGATION OF THE
RELATIONSHIP BETWEEN LEAF PHYSIOGNOMY AND CLIMATE IN
SOUTHERN AFRICAN VEGETATION

16.35-16.45 **Jenny Morris** (University of Sheffield)
THE EVOLUTIONARY RISE OF FORESTED ECOSYSTEMS AND ENHANCED
CHEMICAL WEATHERING: QUANTITATIVE INVESTIGATIONS INTO THE
CURRENT PARADIGM

16.45-17.00 **General discussion and close**

Attendance is free and open to anyone interested in palaeobotany and related fields.
Advance registration is not necessary. Meeting supported by the Linnean Society of London.

A social gathering has been arranged for after the meeting at the Blue Posts, 6 Bennet Street, St James,
London SW1A 1RP. All welcome!

For further information, please contact Dr Peta Hayes, Department of Palaeontology,
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