

Linnaeus 300 – the future of his Science

An international symposium, marking the 300th birthday of Carolus Linnaeus,
organised by the Royal Netherlands Academy of Arts and Sciences (KNAW)
in collaboration with the Linnean Society of London and
the Embassy of Sweden in the Netherlands

Amsterdam, KNAW, 1st and 2nd October 2007

Monday, 1st October 2007

- 9.00 Registration and coffee
- 10.00 Welcome by the President of the KNAW, Frits van Oostrom
- 10.05 Welcome by the Swedish Ambassador, Hans Magnuson
- 10.10 Presentation of Linnaeus' personal, annotated copy of his '*Systema Naturae*'
- 10.15 Greetings from the President of the Linnean Society of London, David F. Cutler
- 10.20 Introduction to the Symposium by the Chairman of the Organising Committee, Pieter Baas

Session I. *Linnaeus in Holland*

- 10.30 Harm Beukers (Leiden). Seeking the companionship of celebrated men
- 11.05 Mariette Manktelow (Uppsala). Linnaeus' life before and after Holland
- 11.40 Rob Visser (Utrecht/Leiden). Visual communication and the dissemination of Linnaean botany
- 12.15 Staffan Müller-Wille (Exeter). Linnaeus and global trade
- 12.50 Lunch

Session II. *From Catalogue to Tree of Life*

- 14.00 Else-Marie Friis (Stockholm). Changing concepts in the order of nature
- 14.35 Quentin D. Wheeler (Tempe, Arizona). Linnaeus, Hennig and taxonomy's grand challenges
- 15.10 Mark Chase (Kew, UK). The angiosperm tree of life – morphology-rich but still poorly understood
- 15.45 Tea

Session III. *Barcoding of life and the invention of the portable Linnaeus*

- 16.05 Paul Hebert (Ontario, Canada). The complete Linnaeus
- 16.40 André Levesque (Ottawa, Canada) From barcodes to the biodiversity chip: a test case with fungi in the environment
- 17.15 Drinks

Tuesday, 2nd October 2007.

Session IV. *The Evolution of Biodiversity*

- 9.30 Carlo Heip (NIOO-KNAW/ KNIOZ) . Evolution in the marine environment
10.05 Tim Baraclough (London). The nature and origin of species: inferring evolutionary processes from the hierarchy of natural variation
10.40 Coffee
11.00 Barbara Gravendeel (Leiden). A changing view on the role of homeotic mutants in evolution: from hopeless cases to hopeful monsters
11.35 Bernard Dujon (Paris): Genome evolution and the understanding of biodiversity (yeasts)

Session V. *Species Concepts and Nomenclature for the future*

- 12.10 Michael Ghiselin (San Francisco, USA): Species concepts, Space and Time
12.45 Lunch
14.00 Jeanine Olsen (Groningen). Nomenclature Plan B: analogies, homologies and musings in a genomics world
14.35 Kevin de Queiroz (Washington). From Linnaeus to the PhyloCode
15.10 Tea

Session VI. *Past and future of Biodiversity/Closing Session*

- 15.30 Geerat Vermeij (Davis, California): Fossils and the reconstruction of history: the evolution and extinction of innovations
16.05 Jeffrey Harvey (NIOO-KNAW): Biodiversity, Global Change and the Human Predicament”: a barren or bountiful future?
16.40 **Closure of the Symposium**

Please register electronically with www.knaw.nl before 24 September. Registration and lunches are free, thanks to generous subsidies from the KNAW and other sponsors.