

SYSTEMATICS ASSOCIATION BIENNIAL CONFERENCE 2007 - TALK TIMETABLE

Tues 28th Aug		Lecture Theatre	Conference Room
		<p>OPENING SESSION</p> <p>9.30am Steve Blackmore: The future of Systematics in a rapidly changing world</p> <p>9.50am Davide Pisani - The Supertree of life and the nature of the eukaryotes</p> <p>10.10am Selena Y. Smith - Exceptionally preserved fossil angiosperms: their crucial role in systematics</p>	
10.30am	11.00am	Tea/coffee	
		<p>OPEN SESSION: PRACTICAL ISSUES IN TAXONOMY</p> <p>11.00am Leandro Assis - The phylogeny/taxonomy link, coherence, and correspondence: systematics and philosophy serving botanical diversity research</p> <p>11.20am David Harris et al - Identification of tropical plants in the field: training and transferring skills</p> <p>11.40am Alexandra Wortley & David Harris - Sangha Trees: an identification and training guide to the trees of the northern Republic of Congo</p> <p>12.00pm Elspeth Haston - APG as a system for herbarium curation</p>	<p>OPEN SESSION: DATING PHYLOGENIES AND BIOGEOGRAPHY</p> <p>11.00am HOW TO' LECTURE: Andrew Rambaut - Putting time back into molecular phylogenetics</p> <p>11.40am Lars Chatrou & Joeri S. Strijk - Reconstructing the historical biogeography of the African-Neotropical Duguetia clade (Annonaceae)</p> <p>12.00pm Alexandre Antonelli - Andean centred elements in the flora of tropical America: phylogeny and historical biogeography</p>
12.20pm	1.30pm	Lunch	12.20pm 1.30pm Lunch
		<p>SYMPOSIUM: FLORAS & FAUNAS SERVING BIODIVERSITY RESEARCH</p> <p>- Opportunity knocks: are the products of descriptive taxonomy fit for purpose? - Session One: The widening audience</p> <p>1.30pm Mark Watson - Chair: Welcome and introduction</p> <p>1.35pm Tony Miller - Taxonomists' view of Floras and Faunas yesterday, today and tomorrow</p> <p>2.00pm Jan Dick - An Ecologists' Perspective</p> <p>2.20pm Ben Collen - A Conservation Biologists' Perspective</p> <p>2.40pm Jane Connor - The widening audience: a publishers' perspective</p>	<p>1.30pm Toby Pennington et al - Nuclear and chloroplast DNA variation in <i>Cyathostegia mathewsii</i> (Leguminosae) indicates long-term biome stability and dispersal limitation in Andean dry forests</p> <p>1.50pm Marcelo Simon - - Phylogeny of <i>Mimosa</i> (Leguminosae) supports a recent origin for the Cerrado biome in Brazil</p> <p>2.10pm Berit Gehrke & Peter Linder - The evolution of species diversity in African Cariceae</p> <p>2.30pm Dirk Bellstedt et al - A molecular phylogeny of southern African members of genus <i>Zygophyllum</i> and its implications for African arid corridor migrations</p> <p>2.50pm James Tosh et al - The Afro-Malagasy genus <i>Tricalysia</i> (Rubiaceae) is not monophyletic: evidence from nuclear ribosomal ITS and plastid data</p>

Tues 28th Aug			Conference Room		
3.00pm	3.30pm	Tea/Coffee			
		SYMPOSIUM: FLORAS & FAUNAS SERVING BIODIVERSITY RESEARCH - Session Two: The products of descriptive taxonomy			
	3.30pm	Chris Lyl - Chair: introduction	3.30pm	4.00pm	Tea/Coffee
	3.35pm	Stephen Jury - Flora Europaea, Euro+Med			
	3.50pm	Tony Gutierrez - Field identification of vectors and pathogens of military significance		4.00pm	Nina Rønsted et al - Phylogenetics and diversification of <i>Ficus</i> section <i>Malvanthera</i> in Australia and New Guinea
	4.05pm	Alan Paton - Increasing the utility of Flora Zambesiaca		4.20pm	Yanis Bouchenak-Khelladi et al - Diversification, biogeography and coevolution of the grasses: a phylogenetic approach
	4.20pm	David Minter - The Fungi of Cuba website - an on-line mycota under development		4.40pm	Sarawood Sungkaew et al - A combined plastid DNA sequence phylogenetic analysis of the woody bamboos (Bambuseae; Bambusoideae; Poaceae)
	4.35pm	Steve Brooks - A field guide to the dragonflies and damselflies of Britain and Ireland		5.00pm	Michael Pirie et al - Hybridization confuses inference of long distance dispersal and morphological diversification: unravelling the evolutionary history of Danthonioideae (Poaceae)
	4.50pm	Della Lindsay - Millennium Seedbank collector guides		5.20pm	Joseph Hughes & Roderic Page - Phylogeny calibration refutes most co-speciation events in seabird lice
	5.05pm	Alessandro Minelli - Fauna Europaea		5.40pm	End of day
	5.30pm	End of day			
	6.00pm	Drinks reception, posters (exhibition hall), Flora and Faunas demonstration (classroom)			

Wed 29th Aug			Conference Room		
		SYMPOSIUM: FLORAS & FAUNAS SERVING BIODIVERSITY RESEARCH - New ways of handling data: the technical aspects - Session Three: Influence of technology on data gathering			OPEN SESSION: THEORETICAL AND PRACTICAL CHALLENGES IN PHYLOGENETICS
	9.00am	Steve Brooks - Chair: introduction		9.00am	Daniel Barker & Jutta Buschbom - The importance of realism in likelihood studies of trait evolution
	9.05am	Sandy Knapp - The changing role of collections and field research		9.20am	Thomas L.P. Couvreur - The influence of priors in posterior mapping of discrete morphological characters: insights from the Annonaceae
	9.30am	Klaus Riede- Field research for insects		9.40am	James A. Cotton et al - Quantifying the potential utility of phylogenetic characters
	9.50am	Louise Allcock - Marine field research methods		10.00am	Nathanaël Cao et al - The intersection tree: a non consensual tree for three-item analysis
	10.10am	Mark Watson - Botanical fieldwork in temperate regions		10.20am	Bas Kokshoorn & Edmund Gittenberger - Climbing the gene trees: a first step molecular towards elucidating the extreme morphological variation within <i>Abida secale</i>

Wed 29th Aug			Lecture Theatre	Conference Room		
10.30am	11.00am	Tea/coffee		10.40am	11.10am	Tea/coffee
		SYMPOSIUM: FLORAS & FAUNAS SERVING BIODIVERSITY RESEARCH - New ways of handling data: the technical aspects - Session Four: Interoperability & reuse of data: using new technologies				OPEN SESSION: GENERAL SYSTEMATICS
	11.00am	Martin Pullan - Chair: introduction			11.10am	Ben Rowson - What drives diversity in tropical carnivorous snails (Gastropoda Pulmonata: Streptaxidae)?
	11.05am	Anna Weitzman & Chris Lyal - Extending Floras & Faunas to include users' views			11.30am	Niamh Redmond & Grace McCormack - Molecular evolution of a novel clade of marine Haplosclerida
	11.30pm	Donald Hobern - Facilitating data exchange within institutes and globally			11.50am	Regine Jahn & Birgit Gemeinholzer - Diatoms and DNA barcoding: accelerated identification method for diversity assessment?
	11.55pm	Rod Page - Mashups, AJAX, OpenURL, RSS, and other Web 2.0 beasts			12.10pm	David G. Mann & Katherine M. Evans - Protist species may or may not be widespread, but there's a lot of them and they're picky
	12.20pm	Discussion and concluding remarks			12.30pm	Chester J. Sands et al - Phylum Tardigrada: significant advances in the potential of meiofaunal phylogeny
					12.50pm	Jana Hoffmann & Carsten Lüter- Recent thecideide brachiopods – an unrecognised diversity
12.30pm	2.00pm	Lunch		1.10pm	2.00pm	Lunch
		UK RESEARCH COUNCILS SYSTEMATICS SYMPOSIUM				
	2.00pm	Amanda Read - Introduction			2.00pm	James J. Clarkson et al - The long term effects of polyploidy in <i>Nicotiana</i> : contrasting the fate of nuclear ribosomal loci and single-copy nuclear loci
	2.10pm	Mark Wilkinson - Supertree methods for comparative biologists			2.20pm	Laura J. Kelly et al - Novel low-copy nuclear gene regions for the study of evolution in <i>Nicotiana</i> (Solanaceae)
	2.35pm	Malcolm Scoble - Creating a taxonomic E-science (CATE)			2.40pm	Kevin van den Hof et al - Chalcone synthase gene lineage diversification in rostrate violets
	3.00pm	Roger Thorpe - Factors influencing speciation in anoles			3.00pm	Laura L. Forrest et al - Complex thalloid liverworts can be simple - Unravelling the evolutionary history of Marchantiopsida
					3.20pm	Daniella Schill - Taxonomy of the liverwort genus <i>Mannia</i> - a combined approach using both morphology and molecular evidence
3.25pm	3.55pm	Tea/Coffee		3.40pm	4.10pm	Tea/Coffee
	3.55pm	Lee Hastie - Zooplankton identification manual for North European seas (ZIMNES)			4.10pm	Evren Cabi & Musa Doğan - Notes on the conservation practices of hulled wheats: <i>Triticum monococcum</i> , <i>T. dicoccon</i> in Turkey
	4.20pm	Sandie Baldauf - Molecular and morphological evolution in choanoflagellates, and the nature of their relationship to animals			4.30pm	Ferhat Celep & Musa Doğan - Threat categories and distribution of the <i>Salvia</i> L. (Labiatae) in the Mediterranean Region of Turkey

Wed 29th Aug		Lecture Theatre	Conference Room	
4.45pm		Tim Littlewood - Origins and radiation of parasite life history strategies - resolving patterns and processes in tapeworm evolution	4.50pm	Livia Wanntorp & Louis P. Ronse de Craene - Flower development of <i>Meliosma</i> (Sabiaceae) - evidence for multiple origins of pentamery in the eudicots
5.10pm		Sarah Collinge - closing remarks	5.10pm	Klaus Mummenhof et al - Tutti frutti in <i>Lepidium</i> : Comparative analysis of fruit dehiscence/indehiscence in Brassicaceae
5.30pm		End of day	5.30pm	End of day

Thurs 30th Aug			Lecture Theatre			Conference Room					
			SYMPOSIUM: SPECIATION			OPEN SESSION: PLANT SYSTEMATICS					
	9.00am	Introduction				9.00am	Dmitry D. Sokoloff et al - Taxonomic revision of the early divergent family Hydatellaceae in Australia: sexual dimorphism in dioecious species and a new generic concept				
	9.10am	Jim Mallet - Hybridization and the maintenance of species distinctness				9.20am	Vincent Merckx et al - Phylogenetic relationships in Dioscoreales				
	9.40am	Alfried Vogler et al - Success and failure of species delimitation in DNA taxonomy				9.40am	Olwen Grace et al - Biochemical diversity in the utility genus <i>Aloe</i> L. (Asphodelaceae)				
	10.10am	Nick Barton - How plausible is sympatric speciation?				10.00am	Kim Hoenselaar - The delimitation of <i>Cyperus</i> L. s.l. (Cyperaceae); a problematic group				
						10.20am	Aelys Humphreys et al - The problem with generic limits with an example from the Danthonoid grasses				
10.40am	11.10am	Tea/coffee				10.40am	11.10am	Tea/coffee			
							11.10am	Atchara Teerawatananon & Trevor Hodgkinson - Molecular and morphological evolution of tribes Arundinelleae and Andropogoneae (Panicoideae; Poaceae)			
	11.10am	Christian Lexer - The genetics of species differentiation: insights from genomic studies of laboratory crosses and natural populations					11.30am	Anna Trias Blasi et al - Systematics of the family Vitaceae in Thailand: a morphological and molecular approach			
	11.40am	Hans Peter Comes et al - Disentangling historical effects of dispersal, fragmentation, and reconnection in speciation					11.50am	L. Jennings et al - Patterns of diversity within <i>Myrcia</i> s.l. (Myrtaceae)			
	12.10pm	Mike Ritchie et al - Phylogeographic approaches to studying speciation in fish					12.10pm	Dawn Edwards & Julie Hawkins - A megamatrix approach to the reconstruction of a molecular phylogeny of the genistoids s.l. (Fabaceae)			
	12.40pm	Presentation of 2007 Molecular Ecology Prize to Pierre Taberlet					12.30pm	Caroline Byrne et al - Phylogenetic revision of Thai Clusiaceae and Hypericaceae			
12.45pm	1.45pm	Lunch				12.45pm	1.45pm	Lunch			
	1.45pm	Roger Butlin et al - Local adaptation and reproductive isolation in <i>Littorina</i>					1.45pm	Musa Doğan et al - Taxonomic studies on the generic delimitation of Plumbaginaceae in Turkey			

Thurs 30th Aug			Conference Room		
	2.15pm	John Willis - Genetic analysis of ecological isolation and hybrid incompatibilities in <i>Mimulus</i>		2.05pm	Reto Nyffeler et al - Unravelling the early evolution of cacti and relatives - insights from molecular phylogenetic analyses
	2.45pm	Salvatore Cozzolino & Giovanni Scopece - Deceptive orchids: the promise of sex or food and its consequence on reproductive isolation		2.25pm	Anke Geeraerts et al - Phylogenetic relationships in African Ebenaceae
				2.45pm	Erik Smets et al - Re-evaluating the huge wood anatomical diversity within Icacinaceae s.l.
				3.05pm	David Rabaey et al - Pit membrane thickenings in Oleaceae and their systematic significance
3.15pm	3.45pm	Tea/Coffee	3.25pm	3.55pm	Tea/Coffee
	3.45pm	Simon Hiscock et al - Rapid changes in gene expression associated with hybrid speciation in <i>Senecio</i>		3.55pm	Hye-Kyoung Moon et al - The evolution of pollen characters in the tribe Mentheae (Lamiaceae)
	4.15pm	Chris Jiggins - Hybrid speciation in <i>Heliconius</i> butterflies		4.15pm	Gemma L.C. Bramley & Rogier P.J. de Kok - Re-examining generic limits in the Lamiaceae: floristic, phylogenetic and revisionary perspectives
	4.45pm	Peter Linder - Species radiations: where, when, why?		4.35pm	Célia Cabral et al - Molecular phylogeny reconstruction of <i>Vitex</i> L. (<i>Viticoideae</i> , Lamiaceae)
	5.15pm	Closing remarks		4.55pm	Cordula Blösch et al - Molecular phylogeny and chromosomal changes in <i>Melampodium</i>
				5.15pm	Jin-Hyub Paik & Mark Watson - Comparative phylogenetic analysis of Sino-Himalayan <i>Heracleum</i> L. (Umbelliferae, Apiaceae subfamily Apioideae) and related genera
	5.25pm	End of day		5.35pm	End of day

Fri 31st Aug			Lecture Theatre			Conference Room		
			OPEN SESSION: PHYLOGEOGRAPHY, DIFFERENTIATION & POPULATION GENETICS					OPEN SESSION: EVOLUTION AND DEVELOPMENT
	9.10am		HOW TO' LECTURE: David Kidd - Geophylogenies: Threading evolutionary graphs through earth history			9.10am		Paula J. Rudall - The inflorescence-flower boundary: insights from three phylogenetically diverse case studies
						9.30am		Gerhard Prenner et al - Exploring the organ-flower-inflorescence boundary in <i>Euphorbia</i> and its allies (Malpighiales: Euphorbiaceae)
	9.50am		Thelma Barbará et al - Population differentiation and species cohesion in a fragmented landscape: molecular population genetics of <i>Alcantarea</i> 'inselberg' taxa			9.50am		Sophie Nadot et al - Understanding the evolution of flower architecture: can comparative analyses help?
	10.10am		Hakan Mete Doğan & Musa Doğan - Spatial distribution of <i>Acantholimon</i> Boiss. (Plumbaginaceae) in Turkey			10.10am		Louis P. Ronse de Craene & Livia Wanntorp - Perianth differentiation in the Santalales: a complex story
10.30am	11.00am		Tea/coffee	10.30am	11.00am			Tea/coffee

Fri 31st Aug			Lecture Theatre	Conference Room		
	11.00am		Hugo F. Gante et al - Complex evolutionary history of a freshwater-restricted Iberian cyprinid (<i>Barbus sclateri</i> Günther): strong geographical structure, secondary contacts and cryptic diversity (hybridisation or founder effects?)		11.00am	M. Graça Sajo et al - Floral anatomy of the early divergent grass <i>Streptochaeta</i>
	11.20am		C.A. Rebernig et al - Phylogeography and evolution of diploid and polyploid cytotypes of the white-rayed complex of <i>Melampodium</i> (Asteraceae)		11.20am	Carmen Puglisi - Multiplications of floral parts in the genus <i>Conostegia</i> (Melastomataceae)
	11.40am		Anne-Caroline Cosendai & Elvira Hörandl - Geographical parthenogenesis in the alpine apomict <i>Ranunculus kuepferi</i> (Ranunculaceae)		11.40am	Angelica Bello et al - What can molecules, ontogeny and morphology tell us about floral evolution in the eurosid order Fabales?
	12.00pm		Gecele Matos Paggi et al - Mating system in natural populations of <i>Vriesea gigantea</i> Gaud. (Bromeliaceae), by microsatellite markers		12.00pm	Julien B. Bachelier & Peter Endress - Comparative floral morphology in the clade of Anacardiaceae and Burseraceae and evolution of gynoeceum symmetry
	12.20pm		Clarisse Palma da Silva et al - Genetic diversity of nuclear and plastid markers in <i>Vriesea gigantea</i> (Bromeliaceae) in the Atlantic Rainforest biodiversity 'hotspot' of Brazil		12.20pm	Carol A. Furness - Diversity in the tapetum of eudicots
12.40pm	2.00pm		Lunch	12.40pm	2.00pm	Lunch
	2.00pm		Roy H.J. Erkens et al - Taxonomic problems in the Central American <i>Guatteria amplifolia</i> complex (Annonaceae) cannot be elucidated by AFLP analyses and sequence markers		2.00pm	HOW TO' LECTURE Catherine Kidner - Evo-devo methods in non-model systems
	2.20pm		Abishkar Subedi et al - Improving conservation of native Nepalese orchids			
	2.40pm		Fábio Pinheiro et al - Genetic structure of natural populations of <i>Epidendrum fulgens</i> and <i>E. puniceoluteum</i> (Orchidaceae): implications to conservation and evolution		2.40pm	Lucienne de Witte et al - MADS-box B gene expression in flowers of a homeotic orchid mutant
	3.00pm		Imalka M. Kahandawala et al - Conservation genetics and genome size evolution of <i>Cypripedium</i> (Orchidaceae)		3.00pm	Steven Janssens et al - Molecular evolution of the C-terminus in <i>AP3/DEF</i> -like genes of <i>Impatiens</i>
	3.20pm		Ovidiu Paun et al - Genetic consequences of allopolyploidy in <i>Dactylorhiza</i> (Orchidaceae)		3.20pm	Tom Viaene et al - <i>GLOBOSA</i> -evolution in basal asterid families
3.40pm	4.10pm		Tea/Coffee	3.40pm	4.10pm	Tea/Coffee
			CLOSING SESSION			
	4.10pm		Meredith Murphy Thomas et al - Morphotype variation, developmental genetics and phylogeography in the South African daisy, <i>Gorteria diffusa</i>			
	4.30pm		Richard Bateman - Isolate or integrate? How special a case is systematic biology?			
	5.15pm		Closing speeches & prizes End of conference			