

THURSDAY 09 FEBRUARY 1/4

08:25 **PLENARY TALK 04 - Lydie DUPONT - Auditorium Q Maathai**
Long-term perspective on biome changes in Africa

* Eligible for the Merian Award

09:15 **PARALLEL SESSIONS**

Sessions	S16: Palaeoecology of tropical ecosystems (1/2)	S17: Complete Altitudinal Rainforest Transects (1/4)	S11: Fragmentation genetics and biodiversity (3/3)	S18: The tropical forest in a changing climate (1/2)
<i>Chairs</i>	<i>Siria BIAGIONI, Katherine ROUCOUX, Hermann BEHLING, Hans BEECKMAN, Wannes HUBAU</i>	<i>Maurice LEPONCE, Jürgen HOMEIER, Yadvinder MALHI, Petr KLIMES, Jörg BENDIX, Vojtech NOVOTNY</i>	<i>Alice C. HUGHES, Pablo OROZCO-TERWENGEL, Ute RADESPIEL</i>	<i>Alexandra C. LEY, Katy GONDER</i>
<i>Rooms</i>	Auditorium D03 Aké Assi	Auditorium D02 Fossey	Auditorium D07 Wilson	Auditorium D08 Clark
09:15	S16-001: Katy ROUCOUX The contribution of palaeoecology to tropical peatland science	S17-001: Yadvinder MALHI An elevation transect in the southern Peruvian Andes	S11-011: David STANTON Hook a worm to catch a man	S18-001: Hilton OYAMAGUCHI* Thermal sensitivity of tropical amphibians and their vulnerability to climate change
09:30	S16-002: Kimberley HAGEMANS Holocene vegetation responses to changing ENSO regimes in the southwestern Andean Cordillera, Ecuador	S17-002: Marcell PETERS Biodiversity and ecosystem functioning of a tropical mountain in the Anthropocene	S11-012: Jennifer BRUNKE Connecting in a fragmented landscape - Dispersal and genetic structure in a tropical small mammal, the Bornean tree shrew (<i>Tupaia longipes</i>)	S18-002: Claudia HERMES* Climate change shifts the distribution range of an endangered parakeet: Implications for conservation
09:45	S16-003: Hermann BEHLING South American savanna and forest dynamics during the late Quaternary	S17-003: Vincent MERCKX Mount Kinabalu: a cradle of biodiversity	S11-013: Penny GARDNER Problematic molecular-management of a rare and wild large bovid following the destruction of tropical forests in Sabah (Malaysia, Borneo)	S18-003: Eric GUILBERT Ecological niche modelling in Madagascar : the response of several Insects group to global warming
10:00	S16-004: Fang GU* Late Quaternary vegetation and environment reconstruction based on pollen and dinoflagellate cysts in eastern South America	S17-004: Maurice LEPONCE Our Planet Reviewed 2012 biodiversity survey along Mt Wilhelm, Papua New Guinea	S11-014: Michael KRÜTZEN Genomes reveal marked differences in the evolutionary history of orangutan species	S18-004: Dora VILLELA Do tree species from Seasonally Dry Forest differ in their sensitivity to drought and logging, how does this impact on biomass and demography?
10:15	S16-005: Wannes HUBAU Charcoal archives reveal holocene fire-vegetation-climate linkages in Central Africa	S17-005: Hans VERBEECK Cross-continental comparison of the functional composition and carbon allocation of two altitudinal forest transects in Ecuador and Rwanda	S11-015: Pamela BURGER Neutral and adaptive genetic diversity in Mongolian snow leopards	S18-005: Simone STROBL Water relations and carbon acquisition as indicators of slow climate change effects on trees in a tropical mountain forest in South Ecuador

10:30 **COFFEE BREAK AND POSTERS - Building D**

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PARALLEL SESSIONS				
11:00	PARALLEL SESSIONS			
<i>Sessions</i>	S16: Palaeoecology of tropical ecosystems (2/2)	S17: Complete Altitudinal Rainforest Transects (2/4)	S19: Seed dispersal	S18: The tropical forest in a changing climate (2/2)
<i>Chairs</i>	<i>Siria BIAGIONI, Katherine ROUCOUX, Hermann BEHLING, Hans BEECKMAN, Wannas HUBAU</i>	<i>Maurice LEPONCE, Jürgen HOMEIER, Yadvinder MALHI, Petr KLIMES, Jörg BENDIX, Vojtech NOVOTNY</i>	<i>Eckhard W. HEYMANN, Laurence CULOT</i>	<i>Alexandra C. LEY, Katy GONDER</i>
<i>Rooms</i>	Auditorium D03 Aké Assi	Auditorium D02 Fossey	Auditorium D07 Wilson	Auditorium D08 Clark
11:00	S16-O06: Kartika HAPSARI* Anthropogenic disturbance and resilience of a tropical peatland: a message from the past	S17-O06: Vojtech NOVOTNY Plant-invertebrate-vertebrate biodiversity and food web patterns along Mt Wilhelm and other complete altitudinal rainforest gradients	S19-O01: Magdalene NGEVE Hidden founders or high connectivity or both? Investigating the expansion pathway of mangroves along the Cameroonian coastline	S18-O06: Luiza F.A. DE PAULA Inselbergs in South-eastern Brazil: biodiversity encapsulated in space and time
11:15	S16-O07: Siria BIAGIONI* Prehistorical and historical human-landscape interactions at the Lindu plain and the link to climate variability of Central Sulawesi (Indonesia)	S17-O07: Simon SEGAR The ecology of <i>Ficus</i> along the Mt Wilhelm transects: plants, pollinators and herbivores	S19-O02: Marta QUITIAN* Effects of elevation and fragmentation on interaction networks of frugivorous birds and fruiting plants in southern Ecuador	S18-O07: Carlos MANCHEGO Distribution patterns and genomic differentiation of three valuable timber species of the mountain forests of Ecuador
11:30	S16-O08: Corentin BOCHATON The memory of bones: How human occupations shaped the squamate diversity of Guadeloupe islands (French West-Indies) during the last 5000 years.	S17-O08: Conor REDMOND* Plant-herbivore food webs: Successional trends along an altitudinal gradient in Papua New Guinea	S19-O03: Franck TROLLET* Zoochoric trees as recruitment foci in Afrotropical forests	S18-O08: Alexandra C. LEY Phenotypic variability along a tropical African climate gradient - the perennial forest understorey herb <i>Sarcophrynium prionogonium</i> (Marantaceae)
11:45	S16-O09: Lydie DUSSOL Eight centuries of sustainable forest exploitation by the ancient Maya at Naachtun (Northern Guatemala, 150-950 CE)	S17-O09: Henry NJOVU Insect herbivory along climatic and land use gradients on Mt. Kilimanjaro	S19-O04: Tiziana A. GELMI-CANDUSSO How does territoriality behavior of seed dispersers affects spatial genetics of dispersed plants? Case study: Tamarins and <i>Leonia cymosa</i>	S18-O09: Myriam HEUERTZ Hybridization and patterns of adaptive genetic variation in tropical trees of the <i>Bertholletia</i> clade (Lecythidaceae) in French Guiana
12:00	S16-O10: Tom DE MIL Nailing the facts: legacy of 66 years of individual tree growth in Central Africa shows differing growth rates	S17-O10: Friederike GEBERT* Mammals and dung beetles along an elevation and land use gradient on Mt Kilimanjaro	S19-O05: Harison ANDRIAMBELO Landscape scale consequences of dispersal traits of trees in a fragmented forest ecosystem: a case study of a tropical humid forest of Madagascar	
12:15	S16-O11: Jan VAN DEN BULCKE X-ray CT-based high-throughput increment core analysis		S19-O06: Eckhard W. HEYMANN Long-term consistency in spatial patterns of primate seed dispersal	
12:30	LUNCH BREAK			

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PARALLEL SESSIONS			
13:30	S20: Integrative Tropical ecosystems dynamics (1/3) <i>Jérémy MIGLIORE, Dario I. OJEDA ALAYON</i>	S17: Complete Altitudinal Rainforest Transects (3/4) <i>Maurice LEPONCE, Jürgen HOMEIER, Yadvinder MALHI, Petr KLIMES, Jörg BENDIX, Vojtech NOVOTNY</i>	S21: Human-modified tropical forests (1/2) <i>Yit Arn TEH</i>
<i>Sessions</i>			
<i>Chairs</i>			
<i>Rooms</i>	Auditorium D03 Aké Assi	Auditorium D02 Fossey	Auditorium D07 Wilson
13:30	S20-001: Thomas COUVREUR Why are there fewer plant species in African rain forests?	S17-011: Jörg BENDIX Climate variation along the eastern escarpment of the south Ecuadorian Andes	S21-001: Frederik VAN DE PERRE The relationship between taxonomic diversity and aboveground carbon storage is taxon-specific
13:45	S20-002: Gilles DAUBY Phytogeography and phylo-diversity of Tropical African flora: insight from a mega database on the distribution of vascular plants	S17-012: William FARFAN-RIOS* Drought effects in Amazon-to-Andean forest	S21-002: Gerhard GEROLD Carbon sequestration, biodiversity and social structures in Southern Amazonia
14:00	S20-003: Steven JANSSENS How old is the African flora? New insights in the evolution of African biomes based on large-scale dating and diversification analyses	S17-013: Elias BIZURU Assessment of soil water availability in two mountains of the Volcanoes National Park in Rwanda	S21-003: Maria BARROS Natural regeneration after agriculture: changes in taxonomic diversity in the tropical dry forest
14:15	S20-004: Manuel DE LA ESTRELLA Detarioideae, I presume? A study of the evolutionary origin of Detarioideae, a clade of ecologically dominant tropical African trees	S17-014: Brenner SILVA Area-wide functional indicators for changes in ecosystem water fluxes and biomass productivity in a mountain rainforest of SE-Ecuador	S21-004: Jorge CUEVA Tree regeneration in Tumbesian Dry Forests: effects of forest cover and livestock presence
14:30	S20-005: Dario I. OJEDA ALAYON Estimating the timing of diversification and the potential role of past climate in the evolution of Anthonotha in the Guineo-Congolian region	S17-015: Jürgen HOMEIER Variation of tree species richness with elevation in the Andes of S Ecuador (tree diversity vs functional diversity vs phylodiversity)	S21-005: Monica MORENO-BRUSH* Is gold mining a source of mercury exposure in bats from the Peruvian Amazon?
14:45	S20-006: Anne-Marie LEZINE Lake Bambili, Cameroon: 90 000 years of montane forest history in central Africa	S17-016: Pippa STONE Location, location translocation: the response of Neotropical tree seedlings to simulated warming and upslope migration	S21-006: Sarah LUKE Managing oil palm plantations to maximise biodiversity, ecosystem functions, and yield
15:00	S20-007: François NGUETSOP Past environmental and climatic changes of Central Africa from a multiproxies analysis of the Adamawa Plateau, Cameroon	S17-017: Glenda MENDIETA-LEIVA Topography has a non-trivial effect on vascular epiphyte diversity in Andean forests	S21-007: Edgar TURNER Managing for predators: the role of understory complexity in oil palm
15:15	S20-008: Alain-Didier MISSOUP* Biodiversity diversification patterns in african montane forests: a case study of rodents in the Cameroon Volcanic Line	S17-018: Jean-Yves DUBUISSON Altitudinal distribution of an emblematic hygrophilous fern family on La Réunion Island: current patterns and historical factors	S21-008: Julie HINSCH* Nectar-rich plants as a management strategy for enhancing natural enemies of herbivorous pests in oil palm
15:30	COFFEE BREAK - Building D		

THURSDAY 09 FEBRUARY 4/4

PARALLEL SESSIONS					
16:00	<i>Sessions</i>	S20: Integrative Tropical ecosystems dynamics (2/3) <i>Jérémy MIGLIORE, Dario I. OJEDA ALAYON</i>	S17: Complete Altitudinal Rainforest Transects (4/4) <i>Maurice LEPONCE, Jürgen HOMEIER, Yadvinder MALHI, Petr KLIMES, Jörg BENDIX, Vojtech NOVOTNY</i>	S21: Human-modified tropical forests (2/2) <i>Yit Arn TEH</i>	S22: Legacy specimens, future goals <i>Quentin GROOM, Maarten VANHOVE, Patricia MERGEN</i>
	<i>Chairs</i>				
	<i>Rooms</i>	Auditorium D03 Aké Assi	Auditorium D02 Fossey	Auditorium D07 Wilson	Auditorium D08 Clark
16:00		S20-O09: Jérémy MIGLIORE Tempo of diversification in African rainforests, applying new genomic tools to phylogeography	S17-O19: Franca MARIAN Long term decomposition processes and soil fauna community changes along an altitudinal gradient in a tropical montane rainforest in southern Ecuador	S21-O09: Jake L. SNADDON Soil biodiversity and ecosystem processes associated with habitat complexity, soil management and replanting in oil palm plantations	S22-O01: Han DE KOEIJER Digitalisation of historic information on ecology: Case of National Parks in DR Congo
16:15		S20-O10: Rosalia PINEIRO Tropical tree genomics reveals fragmentation of the African rainforest during the Ice Ages	S17-O20: Nina FARWIG Ant incidence as an indicator of environmental change and ecosystem processes	S21-O10: Amelia S.C. HOOD* The role of ants and termites in supporting ecosystem functioning in oil palm plantations in Sumatra, Indonesia	S22-O02: Jean HUGÉ Biodiversity baselines in Environmental Impact Assessments
16:30		S20-O11: Pablo OROZCO-TERWENGEL Genetic diversity and population structure in the Malagasy Big-Headed Turtle, consequences for its conservation	S17-O21: Petr KLIMES Contrasting the ant diversity and distribution between ground, understorey and canopy forest strata along Mt Wilhelm	S21-O11: Frances MANNING Options for reducing tropical peatland C emissions from oil palm agro-ecosystems through soil surface management practices	S22-O03: Maarten VANHOVE Dusty Baseline: The merit of museum collections in biological invasion studies
16:45		S20-O12: Isa SCHÖN Evolutionary history and phylogeography of <i>Strandesia</i> ostracods from four major Brazilian floodplains	S17-O22: Eike Lena NEUSCHULZ Spatio-temporal variation in bird assemblages along elevational gradients		S22-O04: Guy-Crispin GEMBU TUNGALUNA Towards less invasive methods to inventory and monitor wildlife in the Congo Basin
17:00		S20-O13: Daniele COLOMBAROLI Combining tropical paleoecology and tree rings to reconstruct past ecological disturbances	S17-O23: Stefan KREFT Pervasive spatio-temporal dynamics of Andean birds in Bolivia - implications for elevational species richness patterns		S22-O05: Marc REYNDEERS The role of tropical ecology in <i>ex-situ</i> plant conservation in the Botanic Garden Meise
17:15		S20-O14: Katharine ABERNETHY The dynamic relationship between forest and savannah in Central Africa			S22-O06: Quentin GRROM What does herbarium digitisation mean for research in tropical ecology?
17:30		GTÖ MEMBERSHIP ASSEMBLY <i>Auditorium Q Maathai</i>		VISIT OF BRLU HERBARIUM <i>from Building D</i>	<i>Departure</i>
19:30		CONFERENCE DINNER PARTY - VUB Restaurant <i>Belgian and exotic flavours in a convivial and musical atmosphere with several surprises... opportunity to meet all your new colleagues!</i>			<i>Another</i>
24:00					

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TROPICAL ECOLOGY | BRUSSELS 6-10 FEB 2017

