

Preliminary schedule and topics

Monday September 22

8.00 *Registration*

Centro Convenciones

9.30 *Opening of the workshop*

Octagon, lecture room 1 (basement)

10.00 – 11.00 Opening lecture: Ian Alexander, Institute of Biological and Environmental Sciences, University of Aberdeen, Scotland, UK
Mycorrhizas in tropical forests – looking backwards and forwards

11.00-11.30 Coffee break

11.30 - 13 *Lectures on mycorrhizas of tropical forest trees (AM)*

11.30 – 12.00 Scott Mangan, Smithsonian Tropical Research Institute, Panama
Experiments on feedbacks between host plants and different AMF species

12.00 – 12.30 Claudia Diez, Facultad de Ciencias Agropecuarias, Universidad Nacional de Colombia, Medellín, Colombia
Ecological considerations on the mycorrhizal associations in soils of Andean highlands

13.00 Lunch in Octagon

15 - 17 *Lectures on ECM of tropical forest trees*

15.00 – 15.30 Leho Tedersoo, Institute of Ecology and Earth Sciences, Tartu University, Tartu, Estonia
High diversity of resupinate theleporoid fungi in the Southern Hemisphere

15.30 – 16.00 Bernard Moyersoén, Laboratoire d'Algologie, de Mycologie et de Systématique expérimentale, Université de Liège, Belgium
Biodiversity and specificity of ectomycorrhizal fungi associated with *Pakaraimaea dipterocarpacea* in Guayana, Venezuela

16.00 - 16.30 Jean Weber, Institute of tropical Forestry and Forest Products (INTROP), University Putra Malaysia (UPM), Selangor MALAYSIA
Analysis of spatial relations between the distribution patterns of *Shorea leprosula* saplings and the ectomycorrhizal status of canopy trees

19.00 Welcome dinner in Casa Lojana

Tuesday September 23

9.00 -13.00 *Lectures on mycorrhizas of Ericaceae, myco-heterotrophic plants and green orchids in tropical forests*

9.00 – 9.30 Markus Göker, Systematic Botany, Mycology and Botanical Garden, Eberhard-Karls-University, Tübingen, Germany
Clustering optimisation techniques to define biologically meaningful molecular operational taxonomic units (MOTUs)

9.30 – 10.00 Sabrina Setaro, Systematic Botany, Mycology and Botanical Garden, Eberhard-Karls-University, Tübingen, Germany, currently: Wake Forest University, Biology Department, Winston-Salem, US
Sebacinales in Andean ericads

10.00 – 10.30 Juan Pablo Suarez, Biología Molecular y Celular, Universidad Técnica Particular de Loja (UTPL), Loja, Ecuador
Tulasnellales as orchid mycorrhizal fungi

10:30 – 11.00 Coffe break

11.00 – 11.30 Marc-André Selosse, Centre d'Ecologie Fonctionnelle et Evolutive, CNRS, Université Montpellier II, France
Tropics change the rule! Heterotrophic plants using carbon from soil fungi (myco-heterotrophy): Contrasting strategies in fungal association and carbon source between temperate and tropical regions

11.30 – 12.00 Stephan Imhof, University Marburg, Germany:
Cryptic biodiversity: AM colonization pattern in tropical myco-heterotrophic plants

12.00 – 12.30 Tupac Otero, Departamento de Ciencias Biológicas, Universidad Nacional de Colombia, Sede Palmira, Colombia
Coevolution in an orchid mycorrhizal Interaction

13.00 Lunch in Octagon

15-17 *Poster sessions*
Octagon lecture room 2 (basement??)

Amadou M. Bâ, Université des Antilles et de Guyane: ECM of *Coccoloba*
Ingeborg Haug, University Tübingen, Germany: ECM of Nyctaginaceae in the pristine Andean cloud forest
Ingrid Kottke, University Tübingen, Germany: *Graffenrieda emarginata* (Melastomataceae) a dominant tree in the tropical mountain rain forests harbours three different mycorrhizal types
Ingrid Kottke, University Tübingen, Germany: Ultrastructural characteristics of orchid fungi
Paulo Herrera, UTPL, Loja Ecuador: Preliminary results from comparing epiphytic and terrestrial orchids in the tropical mountain rain forest
Dario Cruz, UTPL, Loja Ecuador: Tulasnellales fruiting in the tropical forest
Leho Tedersoo et al. Institute of Ecology and Earth Sciences, University of Tartu. Towards the global community of ectomycorrhizal fungi: missing links from Tasmania

Evening lecture 18-19 Open and advertised for public, Octagon, room upstairs??

Prof. Dr. Erwin Beck, University Bayreuth, Germany, speaker of FOR402 and 816:
The South-Ecuadorian Biodiversity Hotspot: Aspects of a unique ecosystem

20.00 Dinner in Mar Y Cuba

Wednesday September 24

Whole day excursion to Estación Científica San Francisco (1820 m; half way to Zamora) and forest sites of Reserva Biológica San Francisco (up to 2100m); bushy páramo at El Tiro pass (2700 m)

19.00 Dinner in Hotel Quo Vadis

Thursday September 25

9-11 *Lectures on comparison of arbuscular mycorrhizas in different tropical regions, threat and afforestation efforts*

9.00 - 9.30 Amadou M. Bâ, Laboratoire de Biologie et Physiologie Végétales, Université des Antilles et de la Guyane, Guadeloupe (West Indies), France
Occurrence and importance of arbuscular mycorrhizas in the wetland tree *Pterocarpus officinalis* Jacq. (Fabaceae)

9.30 – 10.00 Tesfaye Wubet, Helmholtz Center for Environmental Research, Department of Soil Ecology (UFZ) Halle, Germany
Diversity of arbuscular mycorrhizal fungi in the Afromontane forest ecosystems of Ethiopia

10.00 – 10.30 Ingeborg Haug, Systematic Botany, Mycology and Botanical Garden, Eberhard-Karls-University, Tübingen, Germany
Arbuscular mycorrhizal fungal communities in degraded rehabilitation plots and a neighbouring pristine mountain rain forest in southern Ecuador

10.30 – 11.00 Laura Aldrich-Wolfe, Department of Biological Sciences, North Dakota State University, USA
AMF in tropical forest and afforestation

11.00 – 11.30 Coffe break

11.30 -13.00 *Poster session*

Narcisa Urgiles, Paul Loján, Arthur Schüßler, UNL and UTPL, Loja, Ecuador; LMU München, Germany: Application of arbuscular mycorrhizal fungi for the growth of tropical trees

Claudia Krüger, Arthur Schüßler LMU, München, Germany: Molecular characterisation of South-Ecuadorian AMF.

Manuela Krüger, Arthur Schüßler, LMU, München, Germany: Molecular phylogeny and evolution of AM fungi - an update.

Herbert Stockinger, Arthur Schüßler, LMU, München, Germany: DNA-barcoding, molecular identification and detection of AMF at the species-level.

Adela Beck and Ingrid Kottke, University Tübingen, Germany: Structures and molecular identification of AMF in the neotropical mountain rain forest

13.00 Lunch in Octagon

15.00 -17.00 *Round table discussion*

17.00 – 18.00 Guided Tour UTPL

19.00 Farewell dinner Centro Convenciones UTPL (cultural program)

Flugpläne

Bitte beachten Sie, dass sich die Flugpläne jederzeit ändern können.

Flüge zwischen Quito und Loja

Quito – Loja							
Abflug	Montag	Dienstag	Mittwoch	Donnerstag	Freitag	Samstag	Sonntag
06:00	Tame	Tame	Tame	Tame	Tame		
07:00						Tame	Tame
16:30	Tame	Tame	Tame	Tame	Tame		Tame

Loja – Quito							
Abflug	Montag	Dienstag	Mittwoch	Donnerstag	Freitag	Samstag	Sonntag
07:20	Tame	Tame	Tame	Tame	Tame		
08:20						Tame	Tame
17:50	Tame	Tame	Tame	Tame	Tame		Tame

Flüge zwischen Guayaquil und Loja

Guayaquil – Loja							
Abflug	Montag	Dienstag	Mittwoch	Donnerstag	Freitag	Samstag	Sonntag
06:30	TameXpress	TameXpress	TameXpress	TameXpress	TameXpress		
07:00						TameXpress	
16:15	TameXpress	TameXpress	TameXpress	TameXpress	TameXpress		TameXpress

Loja – Guayaquil							
Abflug	Montag	Dienstag	Mittwoch	Donnerstag	Freitag	Samstag	Sonntag
07:45	TameXpress	TameXpress	TameXpress	TameXpress	TameXpress		
08:00						TameXpress	
17:25	TameXpress	TameXpress	TameXpress	TameXpress	TameXpress		TameXpress

Internetadresse von Tame

Tame, TameXpress: www.tame.com.ec

Hotels

In Loja: (reservation is handled by Paula Zabala plzabala@utpl.edu.ec)

Participants are housed in hotel **Quo Vadis** during the workshop (21 to 26 September). Price for 5 nights, including breakfast and tax, is 181.50 US\$ and is paid by the workshop fee.

Address of hotel: Av. Isidro Ayora y Av. 8 de Diciembre (close to bus terminal in Loja)

e-mail: quovadishotel@gmail.com,

phone: (593-7) 258 1805

www.quovadishotel.com.ec

In Quito:

Hotel Sierra Nevada (reservation by participant individually)

Contract with DFG research group, special price single room 35.00 US\$ (normal price 53.00), including breakfast (even at 5 am)

Address: Joaquin Pinto E4-150 y Cordero (touristic part of city)

e-mail: info@hotelsierranevada.com

phone: (593 -2) 2 553 658/2 528 264

Hotel Akros (reservation by Paula or individually)

Contract with UTPL, single room 52 US\$ plus tax, no breakfast included

e-mail: reservas@hotelakros.com

phone: (593-2) 2 430 600

Hotel Dann Carlton (reservation by Paula)

Contract with UTPL, single room 78.00 US\$, plus tax, breakfast not included

Phone: (593-2) 224 9008

Transfer to hotels

Loja airport LaToma is about one hour by car from the city of Loja. Bus shuttles will be arranged by UTPL. Taxis are available at the airport.

In **Quito** best transfer is by taxi from Cooperativa (5.00 US\$ per taxi).

Posters

Two poster sessions are planned in the room where the posters are displayed.

Authors will present their posters in front of the group.

Posters should be arranged at **A0 Format**, small side horizontal.

Please format **titles** and **diagrams** in a size that can be **recognized from a distance of 2 m**.



Status symposium 11th and 12th of September 2008



UNIVERSIDAD TÉCNICA PARTICULAR DE LOJA
La Universidad Católica de Loja

