



Organisers



Funding



*International Symposium
FloraMac2010*

*23-25 September 2010
Ponta Delgada, Azores, Portugal*



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Organisers

CCPA Centro de Conservação e Protecção do Ambiente
CIBIO Centro de Investigação em Biodiversidade e Recursos Genéticos, Pólo Açores

Organizing Committee

Universidade dos Açores

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Isildo Gomes • Samuel Gomes

Natural History Museum

Mark Carine • Fred Rumsey

Harvard University, Department of Organismic and Evolutionary Biology

Hanno Schäfer

Instituto de Investigação Científica Tropical

Maria Romeiras

Keynote speakers

David Bramwell

José Luis Martín Esquível

José María Fernández-Palacios

Juli Caujapé Castells

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Robert J Whittaker

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General Program

23-09-2010

Phylogenetics & Biogeography

08:30 Registration	14:00 Session conference
09:30 Opening session	14:30 Oral presentations
10:00 Session conference	15:30 Poster Session / Coffee break
10:30 Coffee break	16:00 Oral presentations
11:00 Oral presentations	18:30 End of the day
13:00 Lunch	19:00 Reception of participants

24-09-2010

Ecology & Conservation

09:00 Session conference	14:00 Session conference
09:30 Oral presentations	14:30 Oral presentations
10:30 Coffee break	15:30 Poster Session/Coffee break
11:00 Oral presentations	16:00 Oral presentations
13:00 Lunch	18:00 End of the day
	20:00 Symposium dinner

25-09-2010

Ethnobotany & Plant Resources

09:00 Session conference	14:30 Workshops
09:30 Oral presentations	- DEMIURGO project meeting
10:30 Poster Session/Coffee break	- BIOCLIMAC project meeting
11:00 Session conference	- Macaronesian Herbaria
11:30 Conclusions of the symposium	- Conservation of Bryophytes in Macaronesia
12:00 Closing session	- Edition of a Flora of Macaronesia
12:45 Lunch	15:30 Coffee break

26-09-2010

Post-symposium Tour

- 08:30 Arrival of participants
- 09:00 Departure from the University Campus
- 09:30 Indigenous and non-indigenous species in the south coast
- 10:30 Lagoa do Fogo Nature Reserve – Indigenous and non-indigenous species
- 11:30 Porto Formoso tea plantations
- 12:30 Terra Nostra Gardens and swimming pool – Indigenous and non-indigenous species
- 13:30 Traditional Furnas Lunch
- 15:00 Visit to hotsprings
- 15:30 Lagoa das Furnas – Indigenous and non-indigenous species
- 17:00 Departure to Ponta Delgada

Nutritional Value and Antioxidant Activity of Selected Azorean Macrophytes

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Seaweeds are traditionally used in human and animal nutrition. Their nutritional value has been studied widely and differ according to the species and seasonal conditions. In the archipelago of the Azores, the consumption of seaweed is accepted as a common practice in some islands. In addition to their value for human nutrition, the seaweeds may also contribute to a healthy human life. Antioxidant activity of seaweeds has been intensively focused due to the currently growing demand from the pharmaceutical industry where there is interest in anti-aging and anticarcinogenic natural bioactive compounds, which possess health benefits. In this work, the content of total lipids, fatty acids profile, protein and fiber of selected macrophytes were determined and the antioxidant activity (Free Radical Scavenging Activity - FRSA) was evaluated. Seaweeds were collected during the months of January and February of 2007, from the littoral of the Azores archipelago. This study aimed to provide additional information on the nutritional value and antioxidant activity of locally consumed species, to promote a regional product that potentially can be profitable from the biotechnology and commercial perspective, and also bring benefits to Public Health in general.

Keywords: Macrophytes, Nutritional value, Antioxidant activity.