

3-year PhD assistantship in plant evolution and biogeography

University of Zurich, Switzerland

Origin and evolution of island endemics in the Mediterranean Region. Our first studies on Rutaceae, Araceae and Boraginaceae used chloroplast DNA sequences and geological data to reconstruct the temporal and spatial frameworks for the origin of plants endemic to the continental fragment islands of Corsica and Sardinia and the oceanic islands of the Canarian archipelago. Some of the open questions include: i) Are species in the selected Mediterranean groups monophyletic? ii) What are the origins of the polyploid species? iii) Is there variation of ploidy levels within species? iv) Was island colonization associated with a shift of the ecological niche? The successful applicant will choose one or more of these plant families to: generate

flow cytometry data aimed at determining ploidy levels; generate nuclear DNA sequences and infer species trees; incorporate ecological data to investigate issues of niche conservatism vs. niche evolution in the selected groups.

Experience in molecular, phylogenetic and flow-cytometry methods and/or ecological niche modeling will be highly valued in the selection process. Excellent knowledge of the English language, written and oral, required. Familiarity with additional European languages (especially Spanish) would be useful for fieldwork in the Mediterranean Region. The position will be open until a suitable candidate is selected, with starting date no later than February 1, 2011. For full job description, please contact Prof. Elena Conti (ContiElena@access.uzh.ch), Dr. Barbara Keller (barbara.keller@systbot.uzh.ch) or Frau Corinne Burlet (corinne.burlet@systbot.uzh.ch).

Upcoming events

2nd International Conference on Climate Change: Impacts and Responses

8-10 July 2010 – Brisbane, Queensland, Australia

<http://on-climate.com/conference/>

EDIT Summer School of Modern Taxonomy

European Distributed Institute of Taxonomy

17 July - 1 August 2010 – Madeira, Portugal

<http://www.atbi.eu/summerschool/node/183>

Plant Biology 2010

Joint Annual Meeting of the American Society of Plant Biologists and the Canadian Society of Plant Physiologists

30 July - 5 August 2010 – Montreal, Canada

<http://www.aspb.org/pb-2010/>

95th ESA Annual Meeting

Ecological Society of America

1-6 August 2010 – Pittsburgh, USA

<http://www.esa.org/pittsburgh/>

II Conference on Biodiversity of the Guiana Shield

1-4 August 2010 – Amapá, Macapá, Brazil

<http://www.ufpa.br/naea/>

25th International Ornithological Congress

22-28 August 2010 – Campos do Jordão, Brasil

<http://www.ib.usp.br/25ioc/>

Annual Meeting of the Ecological Society of Germany, Austria and Switzerland (GfÖe)

30 August - 3 September 2010 – Giessen, Germany

<http://www.gfoe-giessen-2010.de/>

FOSS4G 2010

Conference on Geospatial Free and Open Source Software

6-9 September 2010 – Barcelona, Spain

<http://2010.foss4g.org/>

If you want to announce a meeting, event or job offer that could be of interest for (some) biogeographers, or you want to make a call for manuscripts or talks, please contact us at ibs@mncn.csic.es and frontiersofbiogeography@gmail.com.

BES Annual Meeting 2010

British Ecological Society

7-9 September 2010 – Leeds, UK

<http://www.britishecologicalsociety.org/>

VI Spanish congress of biogeography

7-11 September 2010 – Alicante, Spain

<http://web.ua.es/es/vi-congreso-biogeografia/>

Global Change and the World's Mountains

26-30 September 2010 – Perth, Scotland, UK

<http://www.perth.uhi.ac.uk/mountainstudies/2010>

AfricaFOSSGIS 2010

Free and Open Source GIS software and its application and development in Africa

27-29 September 2010 – Johannesburg, South Africa

<http://afossgis.org/>

Hydrology Conference 2010

The Changing Physical and Social Environment: Hydro-logic Impacts and Feedbacks

11-13 October 2010 – San Diego, California, USA

<http://www.hydrologyconference.com>

BIOME 2010 Biodiversity Meeting

21-22 October 2010 – Virac, Catanduanes, Philippines

<http://pacifictech.multiply.com/>

International Conference on Biodiversity and Climate Change

17-19 November 2010 – Manila, Philippines

<http://www.icbdcc.com/>

5th International Conference of the International Biogeography Society

7-11 January 2011 – Crete, Greece

<http://www.biogeography.org/>

Neogene park – Vertebrate migration in the Mediterranean and Paratethys

1-3 March 2011 – Scontrone, Italy

<http://www.comune.scontrone.aq.it/>

Spatial Statistics 2011

Mapping Global Change

23-25 March 2011 – Enschede, The Netherlands

<http://www.spatialstatisticsconference.com/>

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