



UNIVERSITÀ
DI CAMERINO

INTERNATIONAL CONFERENCE ON ECOLOGICAL GRADIENTS AND VEGETATION

in honor of Prof. Dr. Elgene O. Box (University of Georgia, USA)

23-24 June 2018

Palazzo Castelli, Via Pontoni 5, Camerino

Saturday, June 23

Opening Session (Aula Magna)

9:00am Opening Ceremony

Greetings from the Rector Magnifico of the University of Camerino,
Prof. Dr. Claudio Pettinari

Presentation of the Medal of the University of Camerino to
Prof. Elgene O. Box and Prof. Dr. Dieter Mueller-Dombois

Introduction to the Conference by Prof. Dr. Franco Pedrotti

9:30-10:00 Lecture from the Honoree, Elgene O. Box - Geographic gradients, vegetation
transitions and discontinuities

10:00-10:20 [break]

First Plenary Session (Aula Magna, Chairman: F. Bioret)

10:20-10:40 Mueller-Dombois D. (Honolulu, Hawai'i) - A dispute about a volcanic disturbance
gradient

10:40-11:00 Poli Marchese E. (Catania, Italy) - Plant life on European volcanoes

11:00-11:20 Blumler M. A. (Binghamton, USA) - What happened to the Hadley cell during the
Eocene? Implications for latitudinal vegetation gradients under global warming

11:20-11:40 Fujiwara K. (Yokohama, Japan) - Climate and forest gradient changes from dry
tropical forest to afro-montane forest in Kenya

11:40-12:00 Coldea G., Cristea V. (Cluj-Napoca, Romania) - The altitudinal gradient in Rodna
Mountains (Romanian Carpathians)



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12:00-12:20 Neshataev V., Neshataeva V. (Saint Petersburg, Russia) - Biogeographical subdivision of northern Koryakiya (northeastern Asia)

12:20-14:30 Lunch in the Botanical Garden,
with poster session (Sala della Biblioteca)

Second Plenary Session (Aula Magna, Chairman: R. Canullo)

14:30-14:50 Silva V., Ribeiro S., Espírito Santo M. D. (Lisbon, Portugal) - Long term modification of native vegetation on limestone hills in central Portugal

14:50-15:10 Nakhtrishvili G., Abdaladze O., Batsatsashvili K. (Tbilisi, Georgia) - Ecological gradients and vegetation of the central Greater Caucasus

15:10-15:30 Bioret F. (Brest, France) - Gradients écologiques et zonation des végétations littorales atlantiques françaises

15:30-15:50 Nakagoshi N. (Hiroshima, Japan), Bagus Dwi R. (Indonesia) - Sustainable mangrove forestry in west Kalimantan, Indonesia

15:50-16:10 Hong Sun-Kee (Mokpo, Korea) - Management strategy of cultural vegetation landscapes in island-coastal areas in Korea

16:10-16:30 Pott R. (Hannover, Germany) - Natural biodiversity is currently declining continuously worldwide

16:30-16:50 [break]

Topical Sessions (parallel)

Gradient Session (Aula Magna, Chairman: E. Box)

16:50-17:10 Catorci A., Tardella F. M. (Camerino) - Micro-topographic gradients affect recovery processes after grazing cessation

17:10-17:30 Di Filippo A., Piovesan G., Schirone B. (Viterbo, Italy) - Quantifying spatio-temporal climate response of forests along ecological gradients using tree-ring networks



- 17:30-17:50 Pupillo P. (Bologna, Italy) - Sun, shade and something in between: can heliophily be measured?
- 17:50-18:10 Chiarucci A. (Bologna), Campetella G., Giorgini D., Chelli S., Simonetti E., Canullo R. (Camerino) - Forest plant diversity patterns in European forests: effects of biogeographical regions and forest types
- 18:10-18:30 Song Yong-Chang, Song Kun (Shanghai, China) - Review of vegetation classification of China

Applied Session (Aula “Vittorio Marchesoni”, Chairman: E. Poli Marchese)

- 16:50-17:10 Raimondo F. (Palermo, Italy) - Forests of *Fagus sylvatica* and *Quercus petraea* at their southern limits (Sicily)
- 17:10-17:30 Schirone B., Di Filippo A., Piovesan G., Petroselli A. (Viterbo, Italy) - Restoration of biodiversity in degraded coppice
- 17:30-17:50 Gafta D., Stoica A. (Cluj-Napoca, Romania) - Post-hoc evaluation of proposed plant associations using only data from synoptic tables: application to some empirically distinguished forest communities
- 17:50-18:10 Venanzoni R. (Perugia, Italy) - Vegetation variations in Lake Trasimeno over the last 60 years
- 18:10-18:30 Cianfaglione K. (Brest and Camerino), Bioret F. (Brest, France) - Plant landscape and gradients of French Atlantic estuarine systems
- 18:30-18:50 Battisti C., Fanelli G. (Roma) - Linking animals and plants through the disturbance concept: a hemeroby score for birds and mammals



Posters

Aleffi M., Miserere L., Tacchi R. (Camerino) - Bryophytes from the wet areas of the Maritime Alps and their use as indicators of anthropic impact

Martinelli M. (São Paulo, Brasil) - Possibility to show ecological gradients on maps

Pedrotti F. (Camerino) - Gradients écologiques et distribution de la végétation des milieux humides de la forêt de San Rossore (Toscana)

Pedrotti F. (Camerino), Martinelli M. (São Paulo, Brasil) - Environmental maps of Stelvio, Sibillini and Abruzzo National Parks

Pedrotti F. (Camerino), Gafta D. (Cluj-Napoca, Romania), Russo G. (S. Giovanni Rotondo, Italy) - Les peupleraies de peuplier tremble (*Populus tremula*) du Gargano (Pouilles, Italie du Sud)

Pedrotti F., Murrja E. (Camerino) - The disturbance produced by human intervention in the vegetation of the Fiavé peat bog (Central Alps) and its cartographic representation

Sunday, June 24

9:00am Excursion – Meeting Point: Rocca del Borgia
Vegetation of the central Appennine (*Quercus pubescens* forests, *Ostrya carpinifolia* forests, and *Fagus sylvatica* forests): associations, series and geo-series.

18:00 Return to Camerino

Absent presentations:

Pignatti Wikus E. (Trieste, Italy), Pignatti S. (Roma) - Pflanzen in Gletschervorfeldern des Grossvenedigers und der Hochschobergruppe

Sarmiento F. O. (Athens, Georgia, USA) - Critical biogeography of Andean treelines: a synthetic and prospective geocriticism of the Humboldt paradigm

Yurkovskaya T. K., Safronova I. N. (Saint Petersburg, Russia) - Vegetation on the plains of central and eastern Siberia