



20th International Workshop of European Vegetation Survey



Roma, April 6th - 9th 2011

**A CENTURY OF PHYTOSOCIOLOGY &
20 YEARS OF THE NEW SPIRIT IN PHYTOSOCIOLOGY**

In collaboration with the
"CIRCUMBOREAL VEGETATION MAPPING GROUP"



PROGRAMME



SAPIENZA
UNIVERSITÀ DI ROMA
DIPARTIMENTO
DI BIOLOGIA AMBIENTALE



20th EVS Workshop
ROMA, April 6th-9th 2011

"ORIGINAL AIMS REVISITED:
VEGETATION SURVEY, DATA ANALYSIS
& INFORMATION SYSTEMS, APPLICATIONS"

"BOREAL VEGETATION"

In collaboration with the
"CIRCUMBOREAL VEGETATION MAPPING GROUP"

Programme Committee:

Francesco Spada (Roma, Italy)

Sandro Pignatti (Roma, Italy)

John Rodwell (Lancaster, United Kingdom)

Carlo Blasi (Roma, Italy)

Milan Chytrý (Brno, Czech Republic)

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Organised by:

Sapienza University of Roma

Department of Environmental Biology - Orto Botanico di Roma

EVS-Italia Association

PROGRAMME



WEDNESDAY 6 APRIL

In Auditorium Accademia dei Lincei

08⁰⁰-10⁰⁰ – Registration

**10⁰⁰-10³⁰ – Welcome (*F. Spada*)
& Introduction (*J. Rodwell including Tribute to Udo Bohn RIP*)**

10³⁰-11³⁰ – Boreal Vegetation 1 (*Chair. M. Chytrý*)

PROGRESS TOWARD A CIRCUMBOREAL VEGETATION MAP (CBVM) EMPHASIZING BOREAL NORTH AMERICA

Stephen Talbot, Kenneth Baldwin, Torre Jorgenson, Will MacKenzie, William Meades, Del Meidinger, Andre Robitaille, Jean-Pierre Saucier, David Selkowitz & Donald Walker

BOREAL FOREST VEGETATION OF EUROPEAN RUSSIA AND ITS MAPPING

Vasiliy Neshatayev & Sergey Golubev

THE BIOCLIMATICAL APPROACH AS AN ESSENTIAL TOOL FOR THE CIRCUMBOREAL VEGETATION MAPPING (CBVM) PROJECT: THE CASE OF THE BOREAL VEGETATION SERIES OF NORTH AMERICA

Daniel Sanchez-Mata & Salvador Rivas-Martinez

BOREAL FORESTS OF EURASIA IN CIRCUM-BOREAL VEGETATION MAP (1:7500000)

Nikolai Ermakov

11³⁰-12⁰⁰ – Coffee & Tea Break

12⁰⁰-13⁰⁰ – Boreal Vegetation 2 (*Chair. S. Talbot*)

BOREAL VEGETATION OF THE KAMCHATKA PENINSULA AND THE ADJACENT REGIONS AND ITS MAPPING

Valentina Yu. Neshataeva, Anton Pesterov & Sergey Golubev

THE GEOGRAPHICAL TYPES OF THE SIBERIAN HIGH MOUNTAIN VEGETATION FOR THE CIRCUM BOREAL VEGETATION MAP

Galina Ogureeva

MAPPING VEGETATION OF THE KOLA PENINSULA ON THE BASIS OF COMBINING FIELD AND REMOTE SENSING METHODS

Tatiana Chernenkova, Mihail Puzacherko & Elena Basova

OCEAN-FACED BOREAL VEGETATION OF NORTH PACIFIC ASIA

Pavel V. Krestov

13⁰⁰-14³⁰ – Lunch in "Arancera" hall – Orto Botanico

14³⁰-15³⁰ – Poster Session 1 in “Arancera” hall– Orto Botanico

15³⁰-17⁰⁰ – Boreal Vegetation 3 (Chair. N. Ermakov)

VEGETATION OF GREENLAND

Fred Daniels

BOREAL AND HEMIBOREAL RAISED BOGS IN NW RUSSIA AND BELARUS

Olga Galanina

WETLAND VEGETATION OF THE SWANSON RIVER LOWLANDS, KENAI NATIONAL WILDLIFE REFUGE - ALASKA

Stephen Talbot & Michael Barbour

VEGETATION ANALYSIS OF THE NORTH AMERICA AND EURASIA ARCTIC TRANSECTS: A TOOL FOR DETECTING LONG-TERM CHANGES FROM SPACE

Donald A. Walker, Patrick Kuss, Howard Epstein, Anja Kade, Corinne Vonlanthen, Martha K. Reynolds, Gerald J. Frost & Martin Kopecky

VEGETATION OF BOREAL SPRUCE FORESTS AFTER CLEARCUTTING: PROBLEMS OF CLASSIFICATION

Nina G. Ulanova

VERY HIGH SPECIES RICHNESS IN HEMIBOREAL FORESTS OF THE NORTHERN RUSSIAN ALTAI, SOUTHERN SIBERIA

Milan Chytrý, Nikolai Ermakov, Jiří Danihelka, Pavel Lustyk, Michal Hájek, Petra Hájková, Michal Horsák, Martin Kočí, Svatava Kubešová, Zdenka Otypková, Barbora Pelánková & Milan Valachovič

17⁰⁰-17³⁰ – Coffee & Tea Break

17³⁰-19⁰⁰ – EVS Original aims revisited 1:

Ideas & Concepts (Chair. J. Schaminée)

LANDMARKS AND SIGNPOSTS: THE NEXT TWENTY YEARS FOR THE EUROPEAN VEGETATION SURVEY

John Rodwell

20 YEARS OF PHYTOSOCIOLOGY IN JOURNAL OF VEGETATION SCIENCE

Jan Rolecek

FOLKPHYTOCOENOSIS? PERCEPTION OF VEGETATION TYPES/HABITATS BY PEASANTS IN EUROPE

Zsolt Molnar & Daniel Babai

EVALUATION OF RANDOM, STRATIFIED RANDOM AND PREFERENTIAL SAMPLING DESIGNS: A CASE STUDY FROM OAK WOODLAND VEGETATION

Ondrej Vild & Jan Rolecek

THE GOOD, THE BAD AND THE UGLY: DOES PHYTOSOCIOLOGY DO JUSTICE TO REAL VEGETATION?

Wolfgang Willner

SHIFTING BASELINES WITHIN THE SPECIES COMPOSITION OF MESO- AND POLYHEMEROBIC VEGETATION COMPLEXES

Klaus Dierßen

THURSDAY 7 APRIL

In Auditorium Accademia dei Lincei

**09⁰⁰-10⁴⁵ – EVS Original aims revisited 2:
databases & software (Chair. J. Ewald)**

**THE GLOBAL INDEX OF VEGETATION-PLOT DATABASES
(GIVD), A MAJOR NEW TOOL FOR VEGETATION SCIENTISTS:
CURRENT STATUS AND PROSPECTS**

Jurgen Dengler & GIVD Steering Committee

**SYNBIOSYS FYNBOS - APPLYING ECO-INFORMATICS IN VEGE-
TATION AND LANDSCAPE MANAGEMENT**

Joop Schaminée & Stephan Hennekens

**DARWIN CORE ARCHIVE: A NEW TURBOVEG EXPORT FUNC-
TION FOR SHARING DATA VIA THE GBIF PORTAL**

Stephan Hennekens

**JUICE-R: AN OPEN INTERFACE BETWEEN JUICE AND R PRO-
GRAM**

David Zelený & Lubomír Tichý

**A NEW COMPOSITIONAL DISSIMILARITY CONSIDERING SPE-
CIES' HABITAT PREFERENCE**

Zoltan Botta-Dukat

**PSEUDOSPECIES: A NEGLECTED YET USEFUL CONCEPT IN
COMMUNITY DATA ANALYSIS**

Lubomír Tichý & Milan Chytrý

**THE NETWORK OF DATA BASES OF PHYTOSOCIOLOGICAL
RELEVÉS OF ITALIAN VEGETATION: AN EXAMPLE OF AN APPLI-
CATION OF A DATA MINING APPROACH TO THE REGIONAL
DATA BASE OF FRIULI VENEZIA GIULIA**

Livio Poldini, Marisa Vidali, Enrico Feoli, & Paola Ganis

10⁴⁵-11¹⁵ – Coffee & Tea Break

**11¹⁵-12⁴⁵ – Original Aims revisited 3:
Applications (Chair. F. Attorre)**

WOULD NATURA 2000 BE POSSIBLE WITHOUT PHYTOSOCIOLOGY?

Douglas Evans

**PHYTOSOCIOLOGICAL DATA AS A TOOL FOR POLITICAL
REQUESTS IN FRANCE**

*Loïc Delassus, Gilles Thébaud, Sylvie Magnanon, Frédéric Bioret &
Jan-Bernard Bouzillé*

THE ITALIAN "CARTA DELLA NATURA" SYSTEM

Emi Morroni, Pierangela Angelini, Pietro Massimiliano Bianco & Lucilla Laureti

**THE USE AND ABUSE OF THE CORINE BIOTOPES SYSTEM
NOMENCLATURE: EXAMPLES FROM THE NATURE MAP OF LAZIO
REGION**

Laura Casella

**THE SARDINIAN NATURE MAP A TOOL FOR CONSERVATION
AND MANAGEMENT OF HABITATS**

Ignazio Camarda, Luisa Carta & Antonello Brunu

**THE DATA BASE OF ITALIAN VEGETATION RELEVÉS. A CARTO-
GRAPHIC, PHYTOSOCIOLOGICAL, SYNDYNAMIC, GEOSYNPHY-
TOSOCIOLOGICAL AND HABITAT (SENSU DIRECTIVE
92/43/EEC) DATABASE. THE REGIONE MARCHE CASE STUDY**

Edoardo Biondi, Simona Casavecchia & S. Pesaresi

12⁴⁵-14¹⁵ – Lunch in “Arancera” hall– Orto Botanico

14¹⁵-15⁰⁰ – EVS Business Meeting (everyone welcome)

**15⁰⁰-16³⁰ – Original Aims revisited 4:
Syntaxonomy (Chair. D. Gigante)**

**SYNTAXONOMIC OVERVIEW OF THE VEGETATION OF GREECE:
CHECKLIST OF HIGH-RANK SYNTAXA, DISTRIBUTION PAT-
TERNS AND NATURE CONSERVATION**

Panayotis Dimopoulos, Erwin Bergmeier, Ladislav Mucina, Georgios Fotiadis, Maria Panitsa, Thomas Raus, Karle V. Sykora, Konstantinos Theodoropoulos & Ioannis Tsiripidis

**NEW VISION ON SYNTAXONOMY OF HALOPHYTIC AND STEPPE
VEGETATION OF THE VOLGA REGION (RUSSIA)**

Tatiana Lysenko & Anna Mitroshenkova

**THE LICHEN SYNTAXA IN THE CHECKLIST OF HIGHER SYNTAXA
OF EUROPE AN OVERVIEW AND WHAT WE CAN DO WITH THEM**

Helga Bültmann

**MOLINIA CAERULEA (L.) MOENCH COMMUNITIES IN THE
PLAIN PART OF UKRAINE**

Anna Kuzemko

**THE QUERCO-FAGETEA CLASS IN SICILY: AN EXAMPLE OF
BOREAL-TEMPERATE VEGETATION IN THE CENTRAL MEDITER-
RANEAN AREA**

*Brullo C., Brullo S., Giusso del Galdo G., Guarino R., Minissale P.,
Siracusa G., Sciandrello S. & Spampinato G.*

**SYNTAXONOMY OF VACCINIUM MYRTILLUS COMMUNITIES IN
PENINSULAR ITALY**

Romeo Di Pietro

16³⁰-17⁰⁰ – Coffee & Tea Break

**17⁰⁰-18⁴⁵ – EVS Original Aims Revisited 5:
Vegetation survey (Chair. E. Bergmeier)**

PNV 2.0: FROM TYPOLOGY TO ECOLOGICAL MODEL

Joerg Ewald & Birgit Reger

**A PRELIMINARY OVERVIEW OF THE PLANT COMMUNITIES OF
THE SINAI DESERT, BASED ON AN INVENTORY OF AVAILABLE
PHYTOSOCIOLOGICAL DATA FROM LITERATURE AND A FIELD
SURVEY OF UNDERSAMPLED AREAS**

*Mohamed Hatim, Kamal Shaltout, Joop Schaminée, John Janssen &
Mohamad El-Sheikh*

IMPLEMENTATION OF THE US NATIONAL VEGETATION CLASSIFICATION

*Scott B. Franklin, Don Faber-Langendoen, Todd Keeler-Wolf, Robert
K. Peet, Orie Loucks & Michael Jennings*

**DRY SANDY LEVEE GRASSLANDS IN THE NETHERLANDS AND
AN INTENDED SYNTAXONOMIC EUROPEAN OVERVIEW**

Karle Sykora, Suzanne Rotthier & Joop Schaminée

**PHYTOSOCIOLOGICAL AND ECOLOGICAL STUDIES OF HIGH
ALPINE TO SUBNIVAL SCREE VEGETATIONS OF N AND NW OF
IRAN (ALBORZ AND AZARBAYJAN MTS.)**

Jalil Noroozi, Wolfgang Willner, Harald Pauli & Georg Grabherr

FOR A SURVEY OF THE ITALIAN SYNTAXA

Spada F., Casella L. & Agrillo E.

**BRAMBLE SCRUB DIVERSITY ALONG THREE LANDSCAPE TRAN-
SECTS A GIS BASED MULTI-SCALE ANALYSIS**

*Rense Haveman, Iris de Ronde, Rienk-Jan Bijlsma & Joop H.J.
Schaminée*

18⁴⁵-19⁰⁰ – Excursion briefing

FRIDAY 8 APRIL

08³⁰-19³⁰ – Full day excursion in Gaeta Gulf: Gianola Promontory and Monte Orlando.

Scientific guidance:

F. Spada, with the collaboration of *R. Di Pietro* and *R. Guarino*.

A printed guide has been prepared by the organisers.

SATURDAY 9 APRIL

In Auditorium Accademia dei Lincei

09⁰⁰-10⁰⁰ – EVS Original Aims Revisited 6: Vegetation Survey (*Chair. I. Apostolova*)

PHYTOCOENOLOGICAL APPROACH TO EVALUATION OF VASCULAR PLANT BIODIVERSITY RICHNESS AND ENDEMO-RELICTION OF THE KARST REGIONS (PRENJE-CVRSNICA-CABULJA MTS., W. BALKAN)

Sulejman Redzic

APPROACH FOR A REFERENCE FRAME FOR PLANTS COMMUNITIES IN SWITZERLAND

F. Greulich, P. Prunier, R. Delarze, O. Hegg, F. Klotzli, R. Pantke, P. Steiger & P. Vittoz

THE SUBALPINE COMMUNITIES OF VACCINIUM MYRTILLUS OF VITOSHA MT. (BULGARIA) ECOLOGY AND PRODUCTIVITY

Anna Gavrilova¹ & Rossen Tzonev

ASSESSMENT OF THE NORTH ADRIATIC PASTORAL LANDSCAPE (ČIČARIJA, CROATIA)

Federico Maria Tardella, Ivana Vitasović Kosić, Mirko Ruščić & Andrea Catorci

10⁰⁰-10³⁰ - Coffee & Tea Break

10³⁰-13⁰⁰ – Vegetation Dynamics 1 (Chair. P. Dimopoulos)

REED DIE-BACK IN CENTRAL ITALY: PLANT TRAITS, ENVIRONMENTAL FEATURES AND IMPLICATIONS FOR THE VEGETATION DYNAMICS OF PLANT SPECIES IN INITIAL MESOPHILOUS MEADOWS OF CENTRAL EUROPE – RESULTS AND EXPERIENCES SOME YEARS AFTER RESTORATION BY HAY TRANSFER

Rainer Buchwald

QUANTIFYING THE EFFECTS OF DISTURBANCE FACTORS ON HABITAT AND NATURALNESS OF COASTAL DUNES

Fabio Attorre, Alberto Maggini, Mario Di Traglia, Michele De Sanctis, Roberto Valenti, Marcello Vitale & Franco Bruno

WHICH ECOSYSTEM FEEDBACKS ARE STORED IN HUMUS?

De Nicola C., Crosti R., D'Angeli D., Fanelli G. & Testi A..

RAISED BOG VEGETATION CHANGE IN THE LIFE PROJECT SITES IN LATVIA

Mara Pakalne, Liene Salmina & Aivars Slisans

GRASSLANDS DECLINE, BUT WHAT HAPPENS TO THEIR FLORA: EXAMPLE OF ESTONIAN GRASSLANDS

Silja Kana & Merit Otsus

IMPACT OF ABANDONMENT OF TRADITIONAL TRANSHUMANCE ON MEDITERRANEAN MOUNTAIN GRASSLANDS - CASE STUDY OF MT.VELEBIT, CROATIA

Antun Alegro & Vedran Egota

THE IMPORTANCE OF FUNCTIONAL TRAITS OF PLANTS DURING THE RESTORATION OF A WOODED MEADOW

Kaili Kattai, Merit Otsus, Marek Sammul & Kaire Lanno

VEGETATION CHANGES AT AN HIGH ELEVATION SITE OF THE ALPS SINCE 1950 IN THE CONTEXT OF CLIMATE AND LAND USE CHANGE

Nicoletta Cannone & Sandro Pignatti

EIGHTEEN-YEAR VEGETATION SUCCESSION IN AN EXPOSED DANUBE RIVERBED IN THE SZIGETKÖZ REGION, HUNGARY

Attila Gergely & István Hahn

13⁰⁰-14³⁰ – Lunch in “Arancera” hall – Orto Botanico

14³⁰-15³⁰ – Poster Session 2 in “Arancera” hall– Orto Botanico

15³⁰-16³⁰ – In “Centro Visite” hall - Orto Botanico:

Vegetation Dynamics 2 (Chair. M. Pakalne)

MONITORING CHANGES IN PLANT SPECIES COMPOSITION IN A SUBMEDITERRANEAN FOREST OVER A SIX YEAR PERIOD

Evgenia G. Chaideftou, Athanasios, S. Kallimanis, Erwin Bergmeier & Panayotis Dimopoulos

SPATIAL MODELING OF FOREST VEGETATION DYNAMICS AND MAPPING APPROACH IN GIS

Tatiana V. Rogova

LARIX SIBIRICA AND PINUS SIBIRICA RESPONSE TO CLIMATE CHANGE WITHIN ALPINE FOREST-TUNDRA ECOTONE OF SOUTH SIBERIAN MOUNTAINS

V. I. Kharuk

SHIFTS IN THE JURA AND ALPINE PLANT COMMUNITIES: TOWARDS MOUNTAIN INTENSIFICATION?

P. Prunier , S. Duret , C. Hostein & F. Mombrial

16³⁰-17³⁰ – Garden Party “Festa di Saluto”

ROUND-TABLES

We inform you that Round-table discussions will be possible throughout the Workshop on day 6, 7 and 9, in a room made available by the organizers on specific requests.

POST-WORKSHOP EXCURSION

The meeting point is Orto Botanico at 08h30 in the morning.

Monday	April 11 2011	Start from Rome (early in the morning), towards the Maremma District and Monte Argentario Promontory
Tuesday	April 12 2011	Visit to the National Park of Maremma, in collaboration with Prof. Alessandro Chiarucci (University of Siena)
Wednesday	April 13 2011	Visit to the Colline Metallifere (Siena), in collaboration with Prof. Alessandro Chiarucci (University of Siena)
Thursday	April 14 2011	Nature Reserve "Lucciola Bella"-Le Biancane and Monte Amiata. In collaboration with Dr. Simona Maccherini (University of Siena) and Dr. Dino Torri (CNR Perugia) Return to Rome (late evening)



Published by
EVS-Italia: <http://www.evsitalia.eu>

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Printing and bookbinding by



Stabilimento Poligrafico

Arpinate Stampa s.r.l.

Via dei Porcini, 21 - 03033 Arpino (FR) - ITALY
Tel. +39 (0)776 849508 - Fax +39 (0)776 863866
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Printed on recycled paper (FSC Certified Papers)

Organised by:

Sapienza University of Roma

Department of Environmental Biology - Orto Botanico di Roma

EVS-Italia Association

