



**X International Meeting
Biodiversity Conservation and Management**

**“Conservation studies on Mediterranean threatened flora and vegetation”
Sardinia, 13-18 June 2016**



SECOND CIRCULAR

Dear Colleagues,
you are kindly invited to the X International Meeting on Biodiversity Conservation and Management “Conservation studies on Mediterranean threatened flora and vegetation”, which will be held in Cagliari (Sardinia, Italy), from 13th to 18th June 2016.

The congress will cover the following topics:

- General aspect of European and national legislation related to the flora/vegetation conservation;
- Evaluation of plant and habitat conservation status: international procedures;
- Monitoring and conservation actions (*in situ* and *ex situ*) on threatened flora and habitat;
- Concrete conservation actions: plant reintroduction, reinforcement and translocations, habitat restoration and rehabilitation;
- Study cases of conservation and management of the flora and habitats diversity.

The first day is scheduled the participants' arrival at the Botanical Gardens of Cagliari. During the day, there will be a guided tour to the Botanical Gardens and to the Sardinian Germplasm Bank (BG-SAR). In the evening, all participants will be transferred to the Ente Foreste della Sardegna of Campu S'Isca (Villacidro).

The second and the fourth day will be dedicated to the oral presentations. The third day and the fifth day will be dedicated to the field excursions. The sixth day will also be devoted to the post-congress excursion (optional).

The hosts will arrange to welcome participants upon arrival at the Cagliari-Elmas International Airport.

Courtesy shuttle services will also be provided between the Airport and the Botanical Gardens of Cagliari and between Cagliari city and the Guest house of the Ente Foreste della Sardegna at Campu S'Isca. In order to facilitate the arrival/departure procedures, all participants are required to provide information on their flight schedules during the registration process or inform the Secretariat accordingly.

CONGRESS VENUES AND LOCATION

CONGRESS VENUES

The congress will take place in the Guest house of the Ente Foreste della Sardegna at Campu S'Isca, Monti Mannu (Villacidro, Sardinia).

CAMPU S'ISCA, MONTI MANNU (VILLACIDRO, SARDINIA)

Monti Mannu Forest occupies an area of 4600 hectares; this forest is located within the mountain complex of Linas and Marganai mountain ranges in the Middle Campidano and Iglesias provinces.

The morphology is uneven, characterized by one of the wildest and most fascinating landscape of Sardinia with beautiful natural monuments made up of gullies, rocks, spiers, walls and numerous waterfalls. The inland valleys offer an amazing show with steep slopes and majestic granite walls, with heights ranging from about 200 meters a.s.l. to 1,234 meters. The vegetation is principally characterized by forest of oaks and by evergreen sclerophyllous shrubs. At the foot of Mount “Acqua Piccinna”, a refreshment stand and an old barracks of the Forest Service is located.

OFFICIAL LANGUAGES

The working languages of the meeting will be in English, French, Italian, Spanish and Portuguese.

ABSTRACT SUBMISSION AND PRESENTATION

All the participants are invited to submit an abstract. **The abstract must be submitted before February 29, 2016.**

The abstract must be compiled using the form available in attachment. Abstracts received after this date and/or not complying with the presentation guidelines will not be accepted. All abstracts must be written in English.

ORAL PRESENTATION FORMAT

The Scientific Committee will select abstracts for oral presentation. The slides of the oral presentation must be written only in English. The allotted time for each oral communication is ca. 15 minutes; a discussion will be held at the end of each session.

You can use the congress desktop computer; if you use Macintosh, please be sure to bring the appropriate adapter. Presenters are expected to have their presentation pre-loaded electronically either on their own laptop computer or on the PC already installed in the conference room. Bring USB, CD and other memory devices as back-ups.

It is absolutely impossible for everyone to set up their computer individually for each presentation. We ask session chairs and presenters to coordinate and use one laptop for each session, and have all presentations uploaded to the same computer before session starts.

Each author is responsible for assembly and removal of her/his own presentation.

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REGISTRATION

Please note that registration will be closed once the number of participants reaches 40 (20 senior and 20 junior).

The registration must be compiled using the form available in attachment.

Remember that the updated deadline for the registration is March 31, 2016.

REGISTRATION FEES

Senior 300 €

Junior* 150 €

* Students, PhD Students, Researches Fellow

Fees are in euros

REGISTRATION FEES INCLUDE:

Transfers from the airport to the Botanical Gardens of Cagliari and from Cagliari city to the Guest house and vice-versa, room and board and the documentation delivery.

The documentation delivery will contain a field trip guide, a volume of abstracts, a Botanic Gardens guide, the book of riparian woods of SW Sardinia and other scientific publications about meeting themes and Sardinia.

HOW TO REGISTER

Please download the registration form in attachment.

Registration form must be completed and returned, by email, together with full payment of registration fees, to the Organizing Secretariat.

No registration will be confirmed until payment is received. Payment must be received within the given deadlines.

PAYMENT

Payment is accepted by bank transfer made payable to:

Bank: INTESA SANPAOLO, Viale Bonaria Palazzo CIS s/n – 09125 Cagliari

IBAN: IT88H0306904852000006999127

BIC: BCITITMM

Please, indicate in the section “reason for payment” the follow object: **X International Meeting Biodiversity Conservation and Management.**

Registration fees do not cover assurance charge and any damage to persons, objects or their property.

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GENERAL INFORMATION

The accommodation in the Guest house of the Ente Foreste della Sardegna provides shared room and bathroom. The rooms are completely equipped but everyone must bring the sheets and blankets or sleeping bag and towels.

Due to the location of the Guest House, give notice that the Internet and the telephone network is not available.

CONTACTS

For any information regarding travel and stay arrangements, logistic, administration issues, and general information, please contact the Organising Secretariat:

Centro Conservazione Biodiversità (CCB)

Department of Environmental and Life Science

University of Cagliari (Italy)

Tel. +39 070 6753508

Fax +39 070 6753509

2016bcm.meeting@gmail.com

DEADLINES

February 29, 2016 – Deadline for the abstract submission;

March 20, 2016 - Notification of abstract acceptance;

March 31, 2016 - Registration and payment;

May 13, 2016 - Detailed program.

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COMMITTEES

SCIENTIFIC COMMITTEE

Prof. Gianluigi Bacchetta (President of the Organizing Committee)

PhD. Marina Allegrezza, IT – Ancona; Prof. Edoardo Biondi, IT – Ancona; Prof. Frédéric Bioret, F – Brest; Prof. Carlo Blasi, IT – Roma; PhD. Magda Bou Dagher Kharrat, LEB – Beirut; Prof. Eusebio Cano Carmona, ES – Jaén; PhD. Donatella Cogoni, IT – Cagliari; Prof. José Carlos Costa, P – Lisboa; PhD. Sara Del Rio, ES – León; PhD. Nuno De Sousa Neves, P – Évora; Prof. Tomás Emilio Díaz González, ES – Oviedo PhD. Giuseppe Fenu, IT – Roma; PhD. Jean-Jacques Lazare, F – Heugas; Prof. Juan Francisco Mota Poveda, ES – Almería; PhD. Carmelo Maria Musarella, IT – Reggio Calabria; Prof. Ángel Penas Merino, ES – León; PhD. Maria Silvia Pinna, IT – Cagliari; Prof. Carlos J. Pinto Gomes, P - Évora; Prof. Salvador Rivas-Martínez, ES – Madrid; Prof. Graziano Rossi, IT – Pavia; Prof. Pedro Sánchez Gómez, ES – Murcia; Prof. Daniel Sánchez Mata, ES – Madrid; PhD. António Pedro Santos, P – Évora; Prof. Giovanni Spampinato, IT – Reggio Calabria; Prof. Roberto Venanzoni, IT – Perugia.

ORGANISING COMMITTEE

Prof. Gianluigi Bacchetta, PhD. Donatella Cogoni, PhD Giuseppe Fenu, Ms. Mauro Fois, PhD. Francesca Meloni, PhD. Martino Orrù, PhD. Maria Silvia Pinna, PhD. Marco Porceddu, PhD. Lina Podda, PhD. Andrea Santo, PhD. Marco Sarigu, Ms. Laura Serreli, PhD. Mariano Uccesu, Ms. Paola Vargiu.

PARTNERS

PROMOTING ASSOCIATIONS

Società Italiana di Scienza della Vegetazione (SISV)
Società Botanica Italiana – Sezione Sarda (SBIss)

CONTRIBUTING PARTNERS AND PATRONAGES

Ente Foreste della Sardegna (EFS)
Comune di Villacidro
Comune di Gonnosfanadiga
Provincia di Cagliari



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REGISTRATION FORM

Please complete (**IN BLOCK LETTERS**) and return by e-mail to Organizing Secretariat
E-mail: 2016bcm.meeting@gmail.com

Name	Mr. Mrs. Ms. Dr. Prof.	(First)	(Last /Family)		
Institution					
Position					
Address					
City					
Telephone		Country - State		ZIP	
Email		Fax			
<input type="checkbox"/> STUDENT; <input type="checkbox"/> PHD STUDENT; <input type="checkbox"/> M.Sc./B.Sc. STUDENT send a scan of a document proofing this (e.g. student card)					
Additional Information (e.g. dietary restrictions, allergy/intolerances, medical requirements etc.)					

I wish to present an oral presentation:	<input type="checkbox"/> YES <input type="checkbox"/> NO
Provisional Title:	
Author/s:	

REGISTRATION FEES

<input type="checkbox"/> Senior	€ 300,00
<input type="checkbox"/> Junior*	€ 150,00

*Junior include scholarship holders, grant / contract holders, postgraduate students and temporary research fellows. Junior must provide a copy of their student card or a certification of their University Department Head proving their student status (on official University headed paper).

Total “Registration Fees” € _____

PLEASE, SEND THE COMPLETED REGISTRATION FORM WITH SCAN COPY OF THE RECEIPT OF PAYMENT NO LATER THAN MARCH 31, 2016 TO: 2016bcm.meeting@gmail.com

NOTICE PURSUANT TO ITALIAN PRIVACY LAW (DL NO. 196/2003)

This is to inform you that pursuant to art. 13 of DL 196/2003, the personal information you provide us will be used for operational purposes. Treatment of your personal information will be done primarily through automatic and software devices, in compliance with all Italian confidentiality and privacy laws. The party responsible for maintaining your personal information is University of Cagliari. Your personal information will be used for contacting you regarding the requested services, to provide the requested services and for administration and invoicing purposes. We reserve the right to provide and communicate your personal information only to the congress Organizers. No other third party will receive your personal information. If you wish to discontinue use of your personal information after the end of the congress, please contact the Organizing Secretariat at 2016bcm.meeting@gmail.com. If you like additional information regarding Italian privacy law legislation, please visit www.garanteprivacy.it.

DATE _____ SIGNATURE _____



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ABSTRACT SUBMISSION - GUIDELINES

Deadline for abstract submission: February 29, 2016

Abstracts received after this date and/or not complying with the presentation guidelines will not be accepted.

All abstracts must be written in English (length maximum 300 words).

Write abstract by using Word.

Font: Arial

Font size: Titles 14; author's name and text 12; affiliation 10

Titles: should consist of no more than 150 characters (space included)

Keywords: maximum 6

References: maximum 3

Following is an example of how you need to prepare the summary

EXAMPLE

Pollinator convergence and the nature of species' boundaries in sympatric *Ophrys* (Orchidaceae)

G. Rossi¹, A. Bianchi^{2,3}, R. Verdi⁴

¹Centro Conservazione Biodiversità (CCB), Università degli Studi di Cagliari, Italy.

²Free University of Brussels, Belgium.

³Institute of Systematic Botany, University of Zurich, Switzerland.

⁴Department Structural and Functional Biology, University of Naples Federico II, Italy.

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In the sexually deceptive orchids of the *Ophrys* genus, species isolation is generally considered ethological and occurs via different, specific pollinators (Coyne and Orr, 2004), but there are cases in which *Ophrys* species can share a common pollinator and differ in pollen placement on the body of the insect. In that condition, species are expected to be reproductively isolated through a pre-mating mechanical barrier. Here, the relative contribution of pre- versus post-mating barriers to gene flow among two *Ophrys* species that share a common pollinator and can occur in sympatry is studied.

A natural hybrid zone between *O. eleonorae* and *O. incubacea*, sharing the bee *Andrena morio* (Delforge, 2005) as pollinator, was investigated by analysing floral traits involved in pollinator attraction as odour extracts both for non-active and active compounds (Stöckl *et al.*, 2007) and for labellum morphology. The genetic architecture of the hybrid zone was also estimated with amplified fragment length polymorphism (AFLP) markers, and pollination fitness and seed set of both parental species and their hybrids in the sympatric zone were estimated by controlled crosses.

Although hybrids were intermediate between parental species in labellum morphology and non-active odour compounds, both parental species and hybrids produced a similar odour bouquet for active compounds. However, hybrids produced significantly lower fruit and seed set than parental species, and the genetic architecture of the hybrid zone suggests that they were mostly first-generation hybrids.

The two parental species hybridize in sympatry as a consequence of pollinator overlap and weak mechanical isolation, but post-zygotic barriers reduce hybrid frequency and fitness, and prevent extensive introgression. These results highlight a significant contribution of late post-mating barriers, such as chromosomal divergence, for maintaining reproductive isolation, in an orchid group for which pre-mating barriers are often considered predominant.

Keywords: AFLP, floral scent, hybrid zone, fitness, reproductive isolation.

References:

Coyne J.A., Orr A.H. 2004. Speciation. Sunderland, MA: Sinauer Associates.

Delforge P. 2005. Guide des orchidées d'Europe, d'Afrique du Nord et du Proche-Orient, 2nd edn. Paris: Delachaux & Niestlé.

Stöckl J., Twele R., Erdmann D.H., Francke W., Ayasse M. 2007. Comparison of the flower scent of the sexually deceptive orchid *Ophrys iricolor* and the female sex pheromone of its pollinator *Andrena morio*. Chemoecology 17: 231–233.