



# Botanic gardens' response to the Decade on Biodiversity 2011-2020

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Director of Global Programmes  
BGCI



Convention on  
Biological Diversity



**BGCI**

*Plants for the Planet*

# Lack of public awareness

- The lack of public awareness is a barrier to achieving the objectives of the CBD.
- Without an awareness of the importance of biodiversity to human well-being, citizens and stakeholders will not take the steps needed to mainstream biodiversity considerations into their daily lives and practices.
- Lack of awareness also contributes to the low political priority given to biodiversity issues.



# CBD/Airbus Survey – 2009/2010

- Few understood what the term biodiversity meant.
- People had the perception that biodiversity loss was a serious issue, but did not see the connection to their own lives or activities.
- People were willing to take actions as individuals, but felt they did not have enough information to determine what their actions should be.
- Children and youth surveyed were spending an inordinate proportion of their time indoors, or in urban settings.





- Support and promote the implementation of the Strategic Plan for Biodiversity and the Aichi Biodiversity Targets.
- Promote the involvement of national and intergovernmental actors to mainstream the relevant issues related to biodiversity into broader development planning and economic activities.
- Builds on the achievements of the 2010 International Year of Biodiversity.

# The Decade's target audiences

1. Actors involved in implementation of the CBD and other biodiversity-related conventions at national level.
2. Regional organizations.
3. International organizations.
4. Civil society organizations.
5. Business.
6. Children and youth.
7. Indigenous and Local Communities.
8. Scientific community (including **Botanical Gardens**, Zoos and Natural History Museums).
9. Media.
10. Other stakeholders.

# Botanic Gardens Conservation International

- UK-based organization for botanic gardens, focused on plant conservation and environmental education
- Represents over 700 members in 118 countries.
- Supports the development and implementation of plant conservation policies at a global, regional, national, and local level.
- Produces resources and publications, organizes regular international gatherings and develops direct conservation and education programmes.



*"To mobilize botanic gardens and engage partners in securing plant diversity for the well-being of people and the planet".*

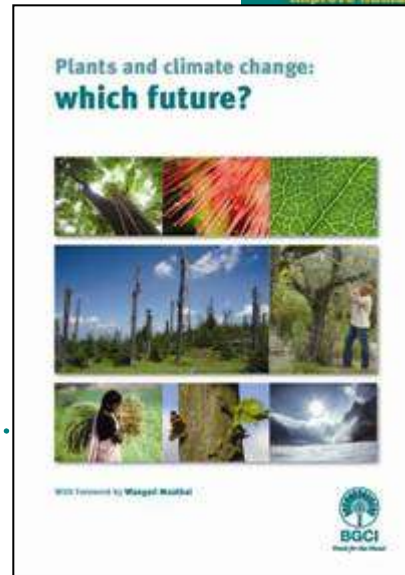


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# Information services

- Website and e-bulletins (education and general)
- News / events
- Serial publications
- Thematic publications



# Education resources

- Support for teachers and botanic garden educators
- Focus on plants
- Focus on resources relating to plants and climate change



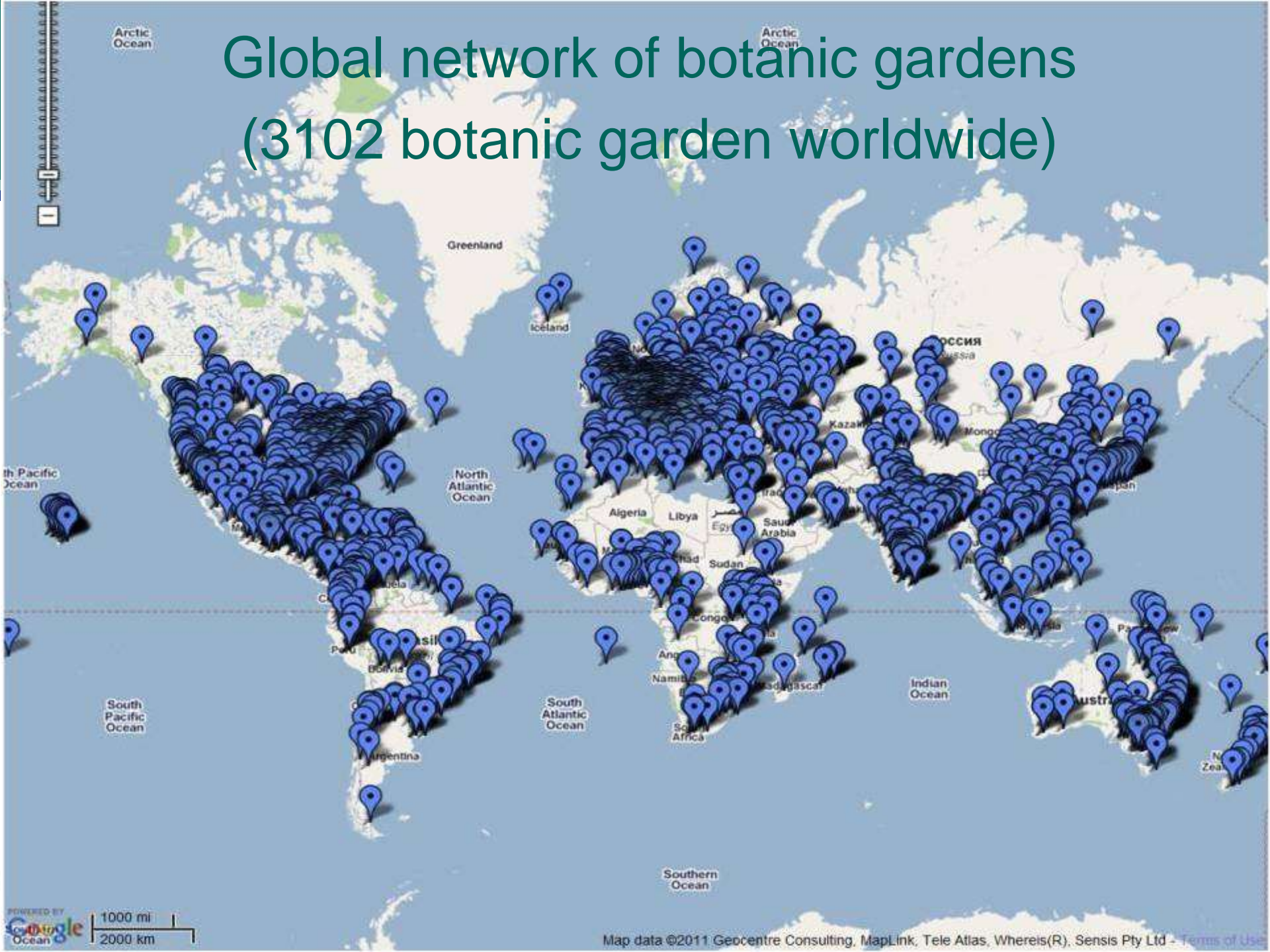


# Botanic gardens around the world

- Cultivate around one third of all known plants
- Have an estimated 200 million visitors per year
- Involved in research, conservation, education and public awareness
- Repositories of botanical and horticultural information
- Link with local communities
- Worldwide network



# Global network of botanic gardens (3102 botanic garden worldwide)



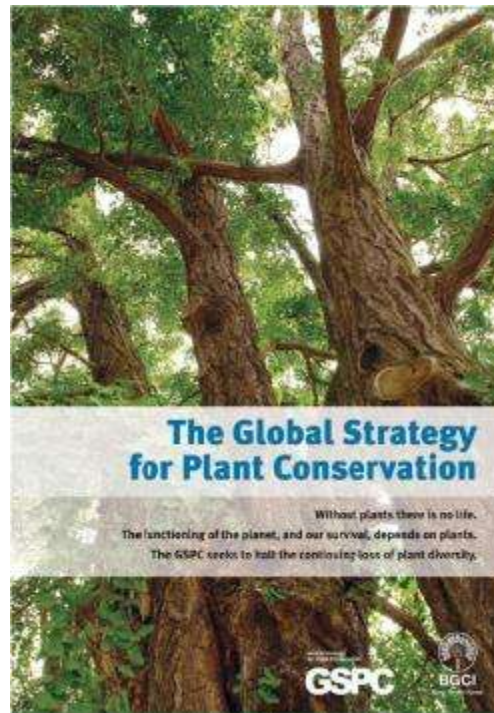
# The Decade's Objectives

- 1. Provide a flexible framework for implementation of the Biodiversity Strategic Plan 2011-2020 and the Aichi Biodiversity Targets.*
- 2. Support and provide guidance to regional and international organizations with a role in implementation of the Strategic Plan and achievement of the Targets.*
- 3. Continue to build public awareness of biodiversity issues.*

# Objective 1 & BGCI's response



**International  
Agenda**



**GSPC**



**Strategic Plan  
for  
Biodiversity**



# SIXTH EUROPEAN BOTANIC GARDENS CONGRESS

May28 - June02  
Chios Island, Greece  
2012

www.eurogardvi.gr

## EUROGARD VI European Botanic Gardens in a Changing World

The Congress

Aims & Main Themes

Congress Topics

Registration & Fees

Important Dates

Committees

Announcement

Congress Programme

Congress Photos

Congress Workshops

Cultural Programme

Venue & Travel Info

Accommodation

Chios Island

Contact us



Visit us on facebook

Supporting



**Pre-Final List of Participants available now.**  
The Final List is subject to changes based on Registrations  
**Congress Conclusions available. Click here to download.**



Dear Colleagues and Friends,

I feel honoured to invite you to the 6th European Botanic Gardens Congress, which is being held in Chios, Greece, an island with a living history and beauty.

This Congress could play a vital role in our society, in order to confront any challenges in the era of biodiversity loss over the next decade. Having in mind the European crisis and that from now on everybody should think "Green", this congress is aiming at:

where delicate painted herbism and malyrdom, where the biodiversity of East and West meets boosting the endemism of native plant species. The scent of Mastic, the lemon-blossom and jasmine will enchant you. The mansion-houses of Kambos, byzantine monuments, mediaeval villages built on rocks, churches and monasteries wait for you to discover them. The clear blue sea, the sun, the traditional food and the hospitality of local people will recompense you for your long trip.

The Balkan Botanic Garden of Kroussia is looking forward to welcome you to the EUROGARD VI to discover together answers to the substantial challenges of our changing world.

Eleni Maloupa, Ph.D  
Chair of the EUROGARD VI Organizing Committee  
Research Scientist, NAGREF  
Head of the Balkan Botanic Garden of Kroussia

Search



Organised by



**BGCI**

*Plants for the Planet*



Balkan  
Botanic  
Garden of  
Kroussia



Ν.Π.Δ.Δ.  
ΚΟΙΝΩΝΙΚΗΣ ΠΡΟΤΕΡΑΙΑΣ & ΑΝΑΦΥΣΗΣ,  
ΕΠΙΧΕΙΡΗΣΗΣ,  
ΑΔΑΦΡΕΜΟΥ & ΠΑΙΣΙΑΣ  
Legality of Public Law for:  
SOCIAL PROTECTION, SOLIDARITY, CULTURE,  
SPORTS & EDUCATION OF MUNICIPALITY OF CHIOS



# The Decade's Objectives

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# Objective 2 & BGCI's response



Global Partnership for Plant Conservation

## The Global Partnership for Plant Conservation:

- Brings together international, regional and national organizations in order to contribute to the implementation of the Global Strategy for Plant Conservation (GSPC).
- The Partnership is working to implement the GSPC and provide tools and resources on how each country can plan and act to meet the targets.

# Objective 2 & BGCI's response

- BGCI has developed a GSPC toolkit to support national and regional implementation of the GSPC.



- BGCI has organized a regional capacity building workshop on national GSPC implementation for Eastern and Southern Africa and will hold one in Mexico next month.







Convention on  
Biological Diversity

# Plants 2020

Supporting the implementation of the  
**Global Strategy for Plant Conservation**



## Plants 2020

### A GSPC toolkit

- About the GSPC
- Global implementation
- National plant conservation strategies
- Regional plant conservation strategies
- Capacity building
- Implementing the GSPC targets
- Tools and resources
- Acknowledgements
- Contact us

### The Global Partnership for Plant Conservation



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United Nations Decade on Biodiversity



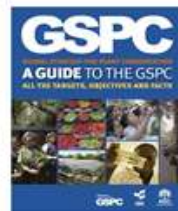
## A toolkit to support national and regional implementation of the Global Strategy for Plant Conservation

This website has been developed on the basis of guidance from the Conference of the Parties to the CBD and recommendations from meetings of the GSPC Liaison Group.

Users are encouraged to submit additional material to make it as comprehensive and useful as possible.

Please check back regularly for updates and new information.

New: The 'Guide to the GSPC' - a simplified introduction to the objectives and targets of the GSPC is now available in Chinese, French and Spanish, as well as English - download your preferred language version here.



[A guide to the GSPC in English \(4mb\)](#)

[A guide to the GSPC in Spanish \(4mb\)](#)

[A guide to the GSPC in French \(4mb\)](#)

[A guide to the GSPC in Chinese \(7mb\)](#)

## Updates and new resources

### Technical Workshop on Establishing Species Conservation Priorities in Jordan

A technical workshop on Establishing Species Conservation Priorities in Jordan brought together Jordanian scientists and stakeholders in the process of prioritising the country's plant species for conservation.

[More news articles](#) ▶

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# Objective 3 & BGCI's response

Promoting GSPC Target 14:

*“The importance of plant diversity and the need for its conservation incorporated into communication, education and public awareness programmes”*

- International Diploma in Botanic Garden Education 2012 (BGCI and Kew offer a five-week course in botanic garden education).
- BGCI's 8<sup>th</sup> International Congress on Education in Botanic Gardens (to examine how gardens can address all 16 targets of the GSPC through education).



# Objective 3 & BGCI's response

## Plant conservation messages



**Do you have a Plant Conservation Message to share?**

We are developing Plant Conservation Messages to raise awareness about the urgent need to conserve our green heritage and we need your help. Have you

\* An asterisk indicates a required field.

\* First name:

\* Last name:

Country:

\* Email:

\* Please leave your message here:

\* What makes you think this message would be effective?

Keep me informed about BGCI's initiatives

Submit

**“Inside every forest are thousands of plants waiting for you to discover them!”**

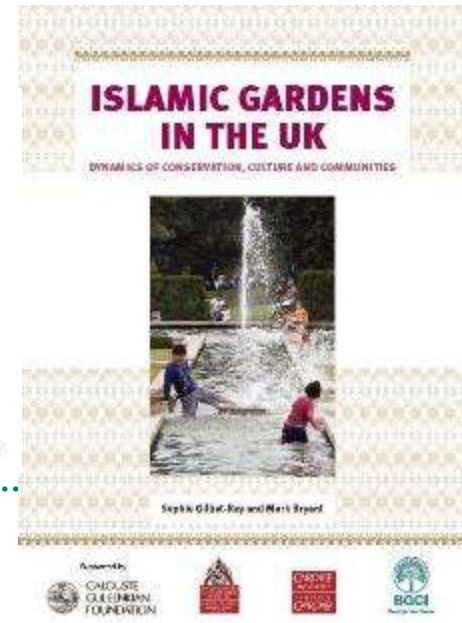
**“Trees absorb carbon from the air. Take the heat off our planet: save its forest”**

**“Ancient forests are our heritage. Will they be our grandchildren's too?”**

# Objective 3 & BGCI's response

Helping gardens to reach wider audiences:

- Seeds of Unity Portal
- Communities in Nature-growing the social role of botanic gardens



# Objective 3 & BGCI's response

## The Fairchild Challenge:

- In Association with Fairchild Tropical Botanic Garden, USA
- Students aged 11-19
- A competition on a specific theme each year involving schools and botanic gardens
- 2012 – a wreath - inspired by the Olympics
- Previously – cartoons, CD cover....



# Objective 3 & botanic garden responses



CHICAGO BOTANIC GARDEN

Search

Enjoy Your Visit

At the Garden

Your Garden

Education

Conservation

Support Us



## World Environment Day

Tom Skilling, Bob Jordan, Don Wuebbles Keynote Presentation

Schedule of Events

## World Environment Day

Saturday, June 2

**A daylong celebration of awareness and action**

Bring your family to the Chicago Botanic Garden's fifth annual celebration of World Environment Day on Saturday, June 2. Activities and programs held throughout the Garden will explore how people of all ages can protect the earth through awareness and action. The theme is "Unite for a Sustainable Chicago."

# Objective 3 & botanic garden responses

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## PLANTS OF CONCERN - A CITIZEN SCIENCE RARE PLANT MONITORING PROGRAM



Plants of Concern engages citizen scientists to monitor the Chicago Wilderness region's rarest plants, assess trends in their populations, and provide important data used to conserve our rapidly declining floral heritage.

Plants of Concern is coordinated by the Chicago Botanic Garden, having strong partnerships with local, state, federal and non-profit agencies.

Since its inception in 2001, Plants of Concern has been supported through funds from the Corporation for Open Lands, the Garden Club of America, the Gaylord and Dorothy Donnelley Foundation, Illinois Department of Natural Resources (Wildlife Preservation Fund and Conservation 2000), Openlands, the US Fish & Wildlife Service, in support of Chicago Wilderness (administered by the Illinois Conservation Foundation), USDA Forest Service in support of Midewin National Tallgrass Prairie, the Volunteer Stewardship Network of The Nature Conservancy (IL).





# CHICAGO BOTANIC GARDEN

## Project BudBurst<sup>SM</sup>

Timing is everything!

Report Now

Welcome guest



About Us

Get Started

Plant Resources

Phenology

### About Project BudBurst<sup>SM</sup>

#### What is Project BudBurst<sup>SM</sup>

We are a network of people across the United States who monitor plants as the seasons change. Project BudBurst is a national field campaign designed to engage the public in the collection of important ecological data based on the timing of leafing, flowering, and fruiting of plants (*plant phenophases*). Project BudBurst participants make careful observations of these plant phenophases. The data are being collected in a consistent manner across the country so that scientists can use the data to learn more about the responsiveness of individual plant species to changes in climate locally, regionally, and nationally. Thousands of people from all 50 states have participated. Project BudBurst began in 2007 in response to requests from people like you who wanted to make a meaningful contribution to understanding our environment.

#### What do you do with the Project BudBurst<sup>SM</sup> data?

We make our data freely available to all in several formats on the View Results page. The data are used by scientists and educators in the Project BudBurst network. The bigger question is what can you like to know what data you think would be useful and how you would like to use it. Share your thoughts with [budburstinfo@neoninc.org](mailto:budburstinfo@neoninc.org)



- = Wildflowers and Herbs
- = Grasses
- = Deciduous Trees and Shrubs
- = Evergreen Trees and Shrubs
- = Conifers
- = Basic (Other)

**Kew**  
ROYAL BOTANIC GARDENS

Visit Kew Gardens | Visit Wakehurst | Plants & Fungi | Science & Conservation

Where am I? > Home > About Kew > Kew Publishing

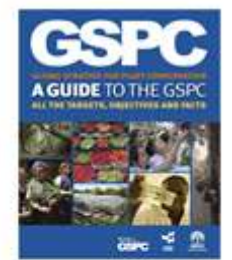


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# PUBLICATIONS

**Real Jardín Botánico**  
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Ciencia ... Science

Inicio | Ciencia | Investigación | Herbario | Biblioteca y Archivos

Anales del Jardín Botánico | Flora Iberica | Ruizia: Monografías



Marcapáginas: expedición Botánica al Virreinato del Perú (1777-1816)

Calendario 2011. Colección de Orquídeas. Expedición al Virreinato del Perú (1777-1788) AGOTADO



**Jardín Botánico de Bogotá José Celestino Mutis**  
Centro de Investigación y Desarrollo Científico

Inicio | El Jardín | Programas y proyectos | Servicios | Descargas | Servicio al Ciudadano

Mutis y la Real Expedición Botánica del Nuevo Reino de Granada



Estás en: Jardín Botánico » Noticias » **El Botánico se convierte en punto BV (Biodiversidad Virtual)**

## El Botánico se convierte en punto BV (Biodiversidad Virtual)

Miércoles, 5 de Septiembre de 2012

★★★★☆ (Puntuación 3,05)

**El Jardín Botánico Atlántico y la Asociación "Fotografía y Biodiversidad", acaban de firmar un convenio por el que el equipamiento gijonés se adhiere a la red de puntos Biodiversidad Virtual**

Biodiversidad virtual es una plataforma libre y gratuita para el estudio y conocimiento de la biodiversidad, y que pone a disposición del ciudadano una herramienta que facilita el conocimiento de nuestro entorno y de las especies que en él habitan.

Fruto del recién firmado convenio, **el Jardín Botánico acogerá un Punto de Biodiversidad Virtual** (punto BV), integrándose así en una red a la que pertenecen numerosos Centros de Interpretación y espacios protegidos de diferentes zonas del planeta. En estos puntos la ciudadanía puede subir sus fotografías a una plataforma (<http://www.biodiversidadvirtual.org>) -respaldada por más de 200 expertos- con el fin de identificar las especies retratadas. Para subir las imágenes se ha habilitado



### Servicios relacionados

- Tienda-librería del Botánico
- Reclamaciones y Sugerencias
- Uso de espacios del Jardín Botánico
- Información municipal
- Tienda de plantas del Botánico

LEER MÁS

### Noticias

RSS



**Jardín Botánico**  
Taller infantil de orientación en el Botánico



**Jardín Botánico**  
Fiesta del Equinoccio de Otoño en el Botánico



**Jardín Botánico**  
El Botánico se convierte en punto BV (Biodiversidad Virtual)



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LAND & ENVIRONMENTAL SERVICES  
GLASGOW BOTANIC GARDENS  
MANAGEMENT PLAN 2011 - 2016

## Glasgow Botanic Gardens Vision:

“To make the Botanic Gardens a centre of excellence for connecting people and plants through inspiration and education.”





## Botanic Gardens Education Network: Latest News

### What is plant-based education?



BGEN promotes the enormously positive role that active, plant-based learning can play in educational settings. But what exactly do we mean by 'plant-based education'?



Welcome to BGEN



CAMBRIDGE UNIVERSITY

*Botanic Garden*

### School & College Visits

The Botanic Garden offers enriching learning experiences for all students. Our landscape and plant collections provide a feast for the eyes, and we encourage visiting groups to learn to look. The development of observation skills is a fundamental scientific tool, which we aim to support at all levels.

There is a flourishing Schools' Garden demonstrating a productive growing space, which offers a model for



*Making observations*





Royal  
Botanic Garden  
Edinburgh



The Gardens

What's On

About Us

Support Us

Education

### Education

The landscaped Gardens, botanical collections and expertise of RBGE staff offer one of the world's best resources for learning about the natural world. Education is one of the Garden's chief aims and runs through all its activities.



**Real Jardín Botánico**

CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS



- Visita el Jardín
- Educación
- Horticultura
- Conócenos
- Colabora
- Sala de Prensa
- Ayúdanos
- Proyectos
- Recursos online
- Rincón del profesor
- Semana de la Ciencia
- Información y Reservas

### Educación

El Real Jardín Botánico pone a disposición del visitante una amplia oferta de actividades. La difusión de los conocimientos sobre la diversidad vegetal y su conservación, son una parte importante de las tareas que tiene esta Institución, junto a la investigación y la conservación de sus colecciones.

Para ello se ofrecen una serie de programas dirigidos a un público muy diverso a los que se puede acceder en el menú izquierdo.

El **Rincón del Profesor** está dirigido a los educadores. En este apartado se puede encontrar documentación sobre diversas actividades a realizar con los alumnos, así como información sobre las colecciones del Jardín adaptada al nivel de los alumnos

Antes de realizar una visita sugerimos consultar la página sobre [Información y Reservas](#).

En [Recursos online](#), niños y adultos podrán iniciarse de forma lúdica en el conocimiento y estudio del



# Creating a link

- Actions are being carried out to raise awareness of biodiversity and contribute to the implementation of the Strategic Plan for Biodiversity 2011-2020,
- However there is generally little awareness of, or linkage to, The Decade on Biodiversity.
- Not in itself a problem, but may affect monitoring and evaluation of the success of the IDB

# Thank you for your attention

Suzanne Sharrock: [suzanne.sharrock@bgci.org](mailto:suzanne.sharrock@bgci.org)

[www.bgci.org](http://www.bgci.org)



**BGCI**

*Plants for the Planet*

**Botanic Gardens Conservation International**

The world's greatest force for plant conservation

