

KEEP EARTH & ENVIRONMENT PURE FOR FUTURE

e-tALK!

NEWSLETTER

Shah Latif University
Botanical Garden
& Herbarium



NOTE from Dr Raza Bhatti, Focal Person-IYB-2010

As we know that United Nations General Assembly (UNGA) in resolution 61/203 has declared to Celebrate 2010 globally, as "International Year of Biodiversity (IYB)". In this regard, celebrations have been launched not only regional/national level but across the world from the beginning of year 2010.

Since, I have been nominated as Focal Person by the Higher Education Commission, Islamabad to the Ministry of Environment, Government of Pakistan for organizing events to celebrate IYB-2010 in all the universities of Pakistan.



In this connection request and suggestions were sent to all the public and private universities of Pakistan as follows:

- ◆To nominate one of the faculty members as Focal Person for your university for IYB-2010;
- ◆To commemorate all the international events/days related to environment and associate with "IYB 2010 celebrations"
- ◆To put the logo IYB-2010 in email signature by all the university staff;
- ◆To print the logo IYB-2010 on all stationeries along with your university logo (such as on paper head, envelopes, banners etc.);
- ◆To provide opportunities for school kids to participate in all relevant events;
- ◆To organize cultural shows that may demonstrate its diversity within Pakistan.



It worth to be appreciated that most of the universities responded positively and have envisaged programmes involving the student, faculty and other staff that how to respect and save biodiversity which is around them.

I have been reporting these events to "The 2010 International year Biodiversity" CBD secretariat and the same have been posted under country profile.

To be focal person, CBC team is compiling all the activities undertaken by universities in Pakistan. I would regard great assistance if the universities may send their report on IYB celebration so that a profile of such activities may be passed on CBD secretariat, Montreal.

Looking forward to get more news from universities.

Thanks,
Your's sincerely,

Dr. G. Raza Bhatti
Director CBC.



Volume 3, Issue 5, May 10



Hoya carnosa (L.) R.Br.

SLUBGH Team

Dr Raza Bhatti,
Director

Miss Shireen Akhtar Soomro,
Lecturer-Cum-Keeper

Mr. Shakeel Ahmed Khaskheli,
Artist

Mr. Arslan Ahmed Larik,
I.T

Mr. Rashid Hussain Amur,
Horticulture Officer

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Condolence !

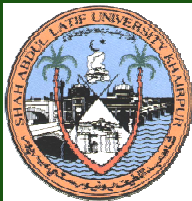
The Staff of SLUBGH
Deeply mourn the sad
demise of
**Hajji Ghulam Asghar
Bhatti**
Father of Dr. Raza Bhatti,
Director CBC,
May Allah Almighty grant
his Soul eternal Peace &
strength to his family to
bear the loss. (Ameen).

Centre for Biodiversity and Conservation (CBC), Comments are welcome

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Participation in "Study Technology Workshop"

Ms. Shireen Soomro, Lecturer-Cum-Keeper attended Two days (4-5, May 2010) workshop on "Study Technology" was conducted by The Lexicon Karachi on "Learning How to Learn & Communication Skills", organized by Quality Enhancement Cell (QEC), Shah Abdul Latif University, Khairpur. Main Purpose of workshop was to encounter problems which teachers & students face during Class presentation & what measures can be take to overcome those problems.



Seminar on Plant Conservation Day 2010: Neem Tree plantation & Seminar on Neem as "The Tree of Sindh at Nawab Shah

May 18th. is Plant Conservation Day and **CBC** is proud to be part of the international efforts to raise public awareness of the need to protect plants. The charity behind Howletts and Port Lympne Wild Animal Park is best known for its work protecting endangered animals worldwide, but over 100,000 plants species are threatened with extinction today.

Since, Government of Sindh, Pakistan has nominated Neem tree *Azadirachta indica* as The Tree of Sindh. There are series of seminars and celebrations have been planned and linked with IYB 21010. In this context second seminar on Neem as The Tree of Sindh was held at Quaid-e-Awam University of Engineering, Science & Technology at Nawab Shah on 18th. May, 2010 this is being celebrated as "Plant Conservation Day". It was jointly organized by Sindh Forest Department Government of Sindh & Centre for Biodiversity & Conservation (CBC), Shah Abdul Latif University, Khairpur in Collaboration with Quaid-E-Awam University of Engineering, Science & Technology (QUEST) and Peoples Medical College for Girls (PMCG) Nawab Shah.

The celebrations include:

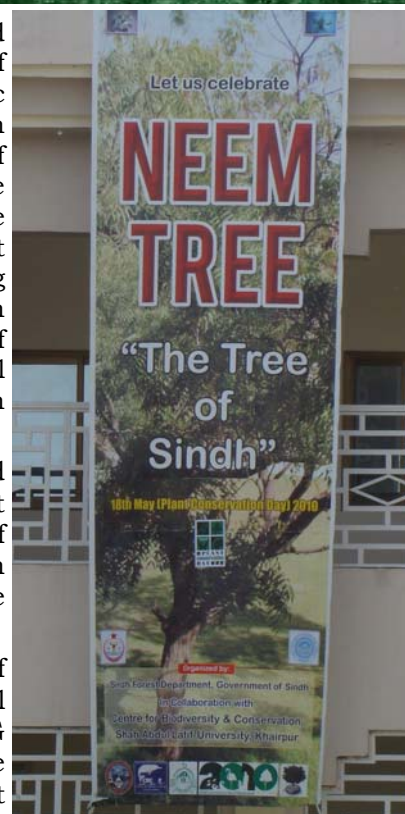
1. Tree plantation (Neem) at PMCG by Principal, faculty staff and girls students;
2. Tree plantation (Neem) at QUEST by the Vice Chancellor, faculty members and students;
3. Talks were delivered by Dr. Raza Bhatti, Focal Person IYB2010 from Higher Education Commission; Dr. G. Rasool Kerio, Ex Conservator Forest; Mir Nadir Ali Talpur, Chief Conservator Forests Sindh; Mr. HABIBULAH Nizamani, Conservator of Forests; Mr. Niaz Ahmed Khaskheli, DFO; Mr. Jamal Mustafa Syed, D.C.O, Dr. Mohammad Azam Yusufani, Principal PMCG; Dr Ali Bux Soomro, Vice Chancellor.

Dr. Bhatti illustrated the importance of raising public awareness on International year of Biodiversity 2010. He further elaborated the details of different events are being undertaken in different universities of Pakistan in general and CBC in particular.

Dr Kerio presented talk on Forest biodiversity of Pakistan in sustainable perspective.

The Vice Chancellor of QUEST and Principal of PMCG acknowledged the Sindh Forest Department and CBC, organizing seminar and tree plantation in their institutions. "We are proud that Plant Conservation Day has been celebrated in my university which makes us to be part of International celebrations for IYB" said Dr. Ali Bux Soomro, Vice Chancellor, QUEST.

The seminar was attend by faculty members, students and staff of the QUEST and PMCG whereas, Miss Shahzeen Akhtar Soomro, a student of fourth year MBBS of PMCG was the conductor of the seminar.

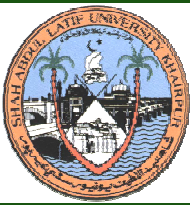


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Glimpses of Plant Conservation Day 2010 Celebration at Nawab Shah



Nim Plantation at PMCG & QUEST



Seminar at QUEST

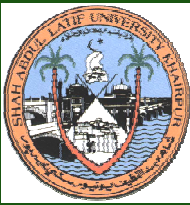


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Celebration of IYB-2010 at Islamia University of Bahawalpur (IUB)

In accordance with, The United Nations General Assembly that declared to celebrate 2010, as "International Year of Biodiversity" (IYB-2010), Vice Chancellor, IUB nominated Ms. Tahira Akhtar as focal person, Career Development Center (CDC) & Dr. Muhammad Arshad, Director, Cholistan Institute of Desert Studies, to celebrate IYB-2010 in IUB on Monday, May 31, 2010. Dr. G. Raza Bhatti, Director CBC, Shah Abdul Latif University Khairpur & Focal Person for IYB 2010, was chief guest for events.

Various activities organized to celebrate IYB-2010 in IUB that included awareness campaign, seminar, cultural performances and art competition. A celebration was organized to make people understand how important biodiversity is for healthy and sustainable development of all living being.

Awareness Campaign

- Biodiversity is our life..... Please save it.
- Preserving Biodiversity is important to the future of the Biosphere.
- Through protection and maintenance of ecosystem we can protect Biodiversity.

Animals, plants, fruits and flowers, all come under Biodiversity... humans too... so why don't we save them and ourselves too!!!

More than 70 banners carrying above slogans/quotes were displayed at key points of the city and

the university campuses to create awareness among the students and people for importance & care of Biodiversity.

Art Competition

An art competition among the university students on topic "Biodiversity Conservation" was organized by IUB. Art Categories were painting, textile, print making and graphics/visuals.

Awareness Seminar

On 31st May, 2010 seminar regarding the celebrations of IYB-2010 was organized by Career Development Center (CDC) in collaboration with the Cholistan Institute of Desert Studies. Main Speakers were Dr. G. Raza Bhatti, Director CBC, Shah Abdul Latif University Khairpur & Focal Person by the Higher Education Commission to the Ministry of Environment, Govt. of Pakistan for IYB 2010 and Dr. Muhammad Arshad, Director, Cholistan Institute of Desert Studies, IUB. They both highlighted the importance & conservation of Biodiversity in their presentation, Topics "why biodiversity is important? & Threats and conservational strategies of biodiversity.

Cultural Performances

Cultural performances on biodiversity conservation included different mimes, dress shows, & folk songs etc. FM 92.6, Department of Art & Design, media Studies played active role in all events.

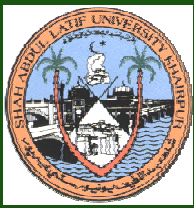


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Visits of different delegates



Celebration of World Plant Conservation Day at Nusrat Haroon Model School Lyari & Jamia Islamia Yatimkhana, Karachi

On the 18th of May World Plant Conservation Day was celebrated throughout the World. Lady Nusrat Haroon Model School Lyari & Jamia Islamia Yatimkhana that was founded in 1923 by Haji Abdullah Haroon a well known Philanthropist & his grandson Mr. Abdullah Hussain Haroon, Pakistan's Ambassador / Permanent Representative to the United Nations for providing education facilities to poor children, also participated on World Plant Conservation Day by planting Neem Trees along the boundary walls of Jamia Islamia & Yatimkhana.

This activity took place under the guidance of The Centre for Biodiversity & Conservation, Shah Abdul Latif University Khairpur .

We hope this type of joint activities will create more awareness in the future by planting more Neem Trees around Lyari roadside because these Trees will not only purify the air around our institution but provide shade to the fruit sellers who line their Carts along this main road to earn their livelihood.

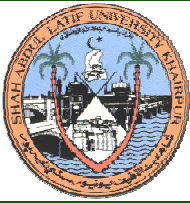


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Shield Of Appreciation

Rotary International club district 3270 Pakistan and Afghanistan organized a conference at Karachi 2nd--4th. April, 2010. Mr. Usman Masood Khan, District Governor 2009-2010 conferred a shield of appreciation to Rtn. Dr Raza Bhatti, the Director of CBC for his outstanding efforts on improvement of environment. Dr. Bhatti established SLUBGH at SALU couple of years ago, which has been upgraded as Centre for Biodiversity & Conservation.



Inauguration of Pakistan Botanic Gardens Network Secretariat at Botanic Garden GC University, Lahore

GC University Lahore has established Pakistan Botanic Gardens Network Secretariat (PBGN) in collaboration with the Ministry of Environment for developing links with national and international botanic gardens. Botanic gardens play a vital role in conservation and sustainable use of plant resources.

Hameed Ullah Jan Afridi, Federal Minister for Environment was the chief guest at the inauguration ceremony of the Pakistan Botanic Garden Network Secretariat. The secretariat is helping in establishing botanic gardens of different colleges and universities all over the country. The building includes lecture room, herbarium, laboratory and seminar room. A beautiful greenhouse is established besides the secretariat building. PBGN hold its first seminar on **"Conserving and Restoring the Undesignated Remnants of Natural Plant Communities"** that includes remnants, Harappa Forest, Butea Forest and Birch Forest. These were presented as case studies before the experts during the technical sessions of the seminar. GCU Vice Chancellor, Prof. Khalid Aftab chaired the seminar. Dr. Rasool Bux Tareen, from Baluchistan University, Quetta & Dr. Raza Bhatti, Director, CBC, SALU attended ceremony.



Inauguration of Pakistan Botanic Gardens Network Secretariat at Botanic Garden GC University, Lahore

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Plants species at SLUBGH

BOTANICAL NAME	FAMILY NAME	HABIT	BOTANICAL NAME	FAMILY NAME	HABIT
Allmandia cathartica L.	Apocynaceae	Climber	Albizia lebbeck (L.) Benth.	Mimosaceae	Tree
Jasminum officinale L.	Oleaceae	Creeper	Albizia procera (Roxb.) Benth	Mimosaceae	Tree
Iresine herbstii Hook. ex Lindl.	Amaranthaceae	Herb	Terminalia arjuna	Combretaceae	Tree
Catharanthus roseus (L.) G.Don	Apocynaceae	Herb	Tamarix indica Willd.	Tamaricaceae	Tree
Portulaca grandiflora Hook.	Portulacaceae	Herb	Ziziphus mauritiana Lam.	Rhamnaceae	Tree
Caladium hortulanum	Araceae	Herb	Moringa oleifera	Moringaceae	Tree
Punica granatum L.	Punicaceae	Shrub	Syzygium communi	Myrtaceae	Tree
Rosa indica	Rosaceae	Shrub	Pisidium guajava. L.	Myrtaceae	Tree
Nerium oleander L.	Apocynaceae	Shrub	Parkinsonia aculeata L.	Asclepiadaceae	Tree
Bougainvillea glabra	Nyctaginaceae	Shrub	Cassia fistula L.	Caesalpiaceae	Tree
Cestrum nocturnum L.	Solanaceae	Shrub	Citrus ×sinensis (L.) Osbeck	Rutaceae	Tree
Ficus diversifolia	Moraceae	Shrub	Citrus limon (L.) Burm.f.	Rutaceae	Tree
Ixora coccinea L.	Rubiaceae	Shrub	Citrus aurantifolia (Christm.) Swingle	Rutaceae	Tree
Duranta erecta L.	Verbinaceae	Shrub	Callistemon citrinus (Curtis) Skeels	Myrtaceae	Tree
Tecoma stans (L.) Juss. ex Kunth	Bignoniaceae	Shrub	Azadirachta indica	Meliaceae	Tree
Thevetia peruviana (Pers.) K. Schum.	Apocynaceae	Shrub	Ficus religiosa L.	Moraceae	Tree
Lantana camara L.	Verbinaceae	Shrub	Phoenix dactylifera L.	Arecaceae	Tree
Euphorbia milli Desmoul.	Euphorbiaceae	Shrub	Morus alba L.	Moraceae	Tree
Withania somnifera (L.) Dunal	Solanaceae	Shrub	Araucaria heterophylla (Salisb.) Franco	Araucariaceae	Tree
Plumaria obtuse L.	Apocynaceae	Shrub	Phoenix roebelenii O' Brien	Arecaceae	Tree
Adenium obesum (Forssk.) Roem. & Schult.	Apocynaceae	Shrub	Ficus benjamina L.	Moraceae	Tree
Arva javanica (Burm.f.) Shult.	Araceae	Shrub	Ficus benghalensis L.	Moraceae	Tree
Saccharum spontaneum	Poaceae	Shrub	Ficus longifolia	Moraceae	Tree
Hibiscus tiliaceus L.	Malvaceae	Shrub	Ficus elestica Roxb.	Moraceae	Tree
Ervatamia coronaria (jacq.) Stapf.	Apocynaceae	Shrub	Cycas revolute Thunb.	Cycadaceae	Tree
Cestrum diurnum L.	Solanaceae	Shrub	Pongamia pinnata (L.) Pierre	Caesalpiaceae	Tree
Pentas lanceolata (Forssk.) Deflers.	Rubiaceae	Shrub	Plumaria rubra L.	Apocynaceae	Tree
Agave Americana L.	Agavaceae	Succulent	Roostenia regia (Kunth) O.F.Cook	Arecaceae	Tree
Dalbergia sissoo Roxb.	Fabaceae	Tree	Erytherina suberosa ???	Papilionaceae	Tree
Euphorbia tirucalli L.	Euphorbiaceae	Tree	Cyperus rotundus Linn.	Cyperaceae	Sedge
Murra koengii (L.) Sprengel	Zygophyllaceae	Tree	Desmostachya bipinnata (Linn.) Stapf.	Poaceae	Grass
Bambusa arundinacea (Retz.) Willd.	Poaceae	Tree	Saccharum spontaneum Linn.	Poaceae	Grass
Bauhinia variegata L.	Myrtaceae	Tree	Aerva javanica var. javanica (Burm.f.) Juss. ex.	Amaranthaceae	Sub-shrub
Delonix regia (Boj. ex Hook.) Raf.	Caesalpiaceae	Tree	Dipterygium glaucum	Asclepiadaceae	Bushy sub-shrub
Inga dulcis (Roxb.) Benth.	Mimosaceae	Tree	Saueda fruticosa (Linn.) Forsk.	Chenopodiaceae	Sub-shrub
Ricinus communis L.	Euporbiaceae	Tree	Alhaji maurorum Medic.	Fabaceae	Sub-shrub
Acacia nilotica (L.) Willd. ex Delile.	Mimosaceae	Tree	Acacia nilotica (Linn.) Delile	Mimosaceae	Tree
Acacia Senegal Willd.	Mimosaceae	Tree	Prosopis cineraria (Linn.) Druce	Mimosaceae	Tree
Acacia chundra (Rottler) Willd.	Mimosaceae	Tree	Zizyphus mauritiana Lam.	Rhamnaceae	Tree
Vachellia fernesiana (L.) Willd.	Mimosaceae	Tree	Salvadora oleoides Decne.	Salvadoraceae	Tree
			Tamarix indica willd.	Tamaricaceae	Shrub
			Tribulus longipetalus Viv.	Zygophyllaceae	Herb

Identification of plant species still in progress

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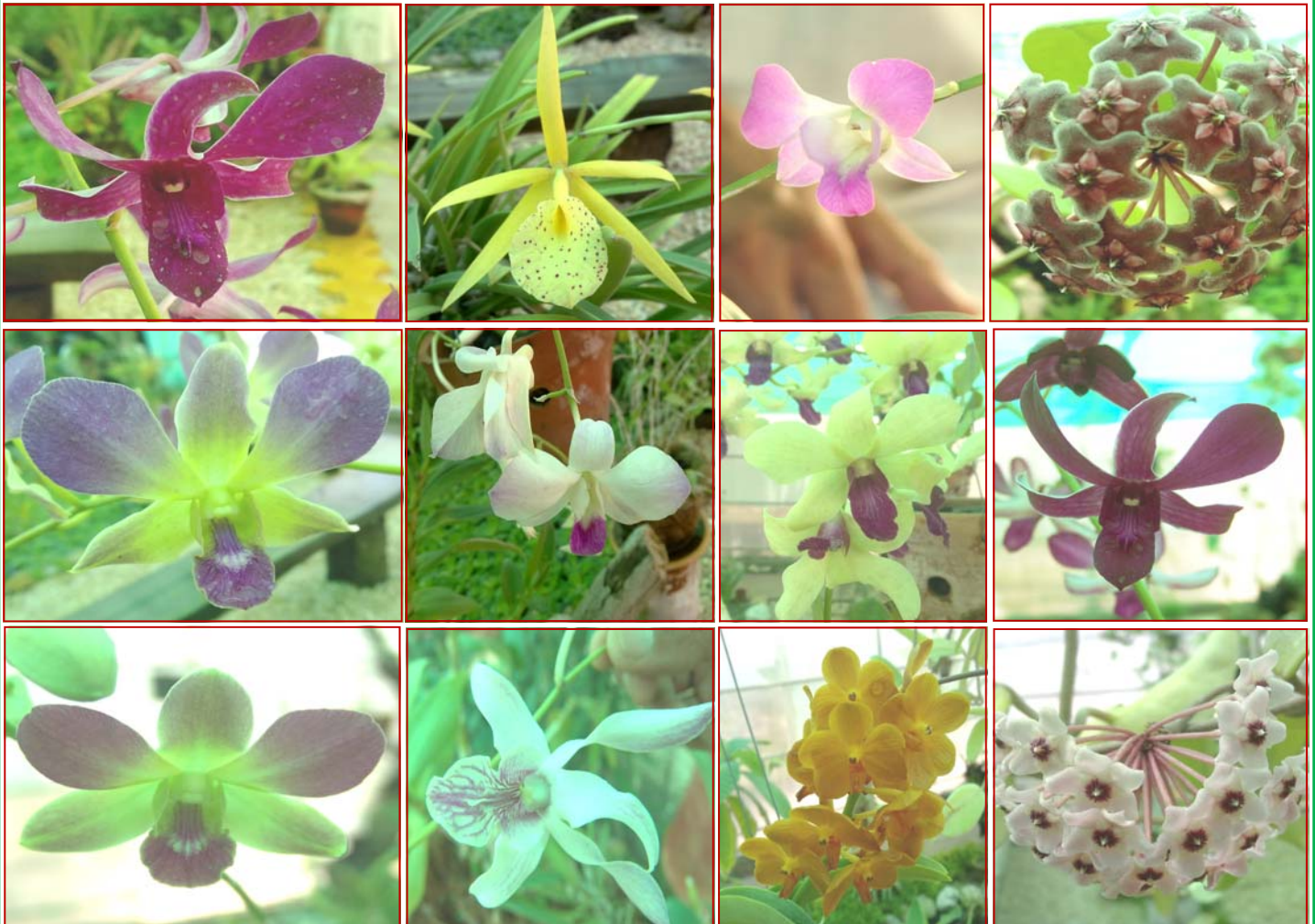
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Orchids Bloom: Humid Tropical Glass House



Three member team of Sindh Agriculture University, Tando Jam (SAU) visited SLUBGH

A three member team including Mr. Shah Nawaz Mari, Assistant Professor, Department of Plant Breeding and Genetics, Mr. Manzoor Ahmed Khuhro, Maintenance Breeder, Seed Production and Development Center and Ms. Noor un Nisa Memon, Assistant Professor, Department of Horticulture, Sindh Agriculture University, Tando Jam visited the SLUBGH, Khairpur on 28th May, 2010 & had a meeting with Dr. G. Raza Bhatti, Director, Centre for Biodiversity & Conservation. The purpose of visit & meeting was to develop appropriate strategic plans while the Up gradation and Maintenance of Botanical Garden at Sindh Agriculture University, Tando Jam.

Prof. Dr. G. Raza Bhatti appreciated the efforts taken by Sindh Agriculture University, Tando Jam to Upgrade and maintains its Botanical Garden &

assured that the Botanical Garden of Sindh Agriculture University; Tando Jam will soon be linked

with the Pakistan Botanic Gardens Network Secretariat as he himself is the Focal Person for Botanical Gardens, Sindh Chapter of Pakistan.

The international forums like Convention on Biological Diversity (CBD), Montreal Canada and relative component of UNO will be informed by Dr Bhatti for celebrating 2010 as International Year of Biodiversity, at Sindh Agriculture University, Tando Jam.



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