



KEEP EARTH & ENVIRONMENT PURE FOR FUTURE

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NEWSLETTER

Shah Latif  
University  
Botanical Garden  
& Herbarium



Volume 3, Issue 6, June 10

(2010-IYB): University of Agriculture, Faisalabad "Agro Biodiversity: Threats & Solutions"



To join the world community in celebrating 2010 as the "International Year of Biodiversity (IYB 2010)" the University of Agriculture, Faisalabad (UAF) organized a workshop under the theme, "Agro biodiversity: Threats and Solutions" on June 16, 2010. The purpose of organizing this workshop was to create awareness among the students, teachers, scientists and general public about the importance of agro biodiversity, the threats to its existence and the solutions for its conservation. At this occasion, Prof. Dr. Mohammad Ashraf, Dean, Faculty of Sciences, University of Agriculture, Faisalabad welcomed the participants and elaborated the theme of the workshop in his plenary lecture. Prof. Dr. Shahnaz Akhter, Department of Zoology and Fisheries, highlighted in her speech the importance of animals associated with agro ecosystems. Prof. Dr. G. Raza Bhatti, Director, Center for Biodiversity and Conservation (CBC), Shah Abdul Latif University, Khairpur, Sindh & HEC Focal Person for IYB 2010 for Ministry of Environment, was invited as a guest speaker. He emphasized the importance of celebrating IYB 2010. Prior to workshop competitions were held



among the students of Laboratory High Schools for Boys/Girls, University of Agriculture, Faisalabad for essay writing, poster & model presentations, and for delivering speeches on "Agro biodiversity: Threats and Solutions". Dr Bhatti, appreciated the enthusiastic participation of schools student in all activities. At the end of the workshop, Dr. Mohammad Ashfaq, Dean Faculty of Agriculture, acting Vice Chancellor, UAF., addressed the participants and awarded shields to the students holding first, second and third positions in speeches, essay writing and poster presentations.



*Tecoma grandiflora* (Thunb.) Loisel

### SLUBGH Team

**Dr Raza Bhatti,**  
Director

**Miss Shireen Akhter Soomro,**  
Lecturer-Cum-Keeper

**Mr. Shakeel Ahmed Khaskheli,**  
Artist

**Mr. Arslan Ahmed Larik,**  
I.T

**Mr. Rashid Hussain Amur,**  
Horticulture Officer

(2010-IYB) Hazara University Mansehra: The Unique Biodiversity of Pakistan

One day seminar on "The Unique Biodiversity of Pakistan" organized by Hazara University, Mansehra on 3rd June 2010. Mr. Ahmad Khan, Country Manager, Wet Land Pakistan & Mr Khan presented their talks on unique biodiversity of Pakistan which has been the richest source for researchers and scholars to study the diverse variety long over mountains, valleys, forests and deserts that facing the greatest threat to its survival. Because Man has recklessly disturbed the ecosystem. Mechanical extraction of forest wealth destroying the rare kinds of birds and animals on the pretext of unchecked hunting. Industrial and human pollution has disturbed the entire cycle of weather climate resulting into global warming. New cities and towns are being planned by cutting the trees and destroying the natural contour of the earth, giving rise to dust, human waste, disturbed the natural ecology, necessary for the harmonious relations between man and nature for their survival.

Most of the valuable variety of wildlife and plants are becoming extinct at a rapid rate, which is a threat to the overall habitat of the globe. We need to create awareness among the general public that nature and man have reciprocal relation and the survival of the one ensures the health of the other. Man and nature act and react upon themselves but our hostile relations with the nature has given rise to earthquakes, storms, tornado, epidemic diseases, drought, floods, flash rains and upsetting the entire balance conducive to human life. Prof. Dr. Muqarrab Shah, Dean Health Sciences Hazara University, Mansehra appreciated the pertinent lecture. He lamented the non-cooperative attitude of the government agencies for not implementing the research findings at higher level. Otherwise, the things would have been much better to save our ecology. The seminar was attended by the faculty and students of the university.

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

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2010 International Year of Biodiversity

## (2010-IYB): Sindh Agriculture University, Tandojam "Biodiversity for Food Security"



**Seminar on Biodiversity for Food Security:** One day seminar on Biodiversity for Food Security was organized by Sindh Agriculture University (SAU), Tandojam to commemorate 2010 as an International Year of Biodiversity. The seminar was chaired by Dr. A.Q. Mughal, Vice Chancellor of SAU. "Sindh Agriculture University (SAU) Tandojam produces qualified persons with awareness of the significance of biodiversity, conducting studies on the judicious use and conservation of water (Water management), working on conservation of plant and animal germ plasm, trying for revival of Botanical garden, up-grading of horticulture garden, studying on IPM and Biological Control Programs, EM technology and is going to propose Center for Biodiversity" stated by Dr. A. Q. Mughal, Vice Chancellor, SAU. Furthermore, Dr. Mughal said that the faculty is busy to work more and more over the issues and problems of Biodiversity and conduct research studies to find out the most easily and economical approaches for food security. Dr. Mehrunissa Memon, Assistant Professor, Soil Science, welcomed the guests and participants. Dr. K. B. Mirbahar, Professor, Animal Reproduction, SAU talked on Agricultural Ecosystems, issues, options and SAU program on biodiversity. Dr. Ghulam Akber, Regional Director, WWF Sindh highlighted Biodiversity, its Prospects, Threats and Conservation in Pakistan and WWF programs for nature's conservation in Sindh and Pakistan. Mr. Aijaz Nizamani, Additional Secretary, Forests, spoke on a case of change management for Sindh Forest Department. Whereas, Dr. Raza Bhatti, Professor of Botany and Director of Centre for Biodiversity and Conservation, Shah Abdul Latif University Khairpur covered an over all over view of Biodiversity in Pakistan. Dr. Shamasdin Tunio, Dean, CPD and Chairman of committee for celebration of International Biodiversity Year 2010 talked over all programs at the university and paid vote of thanks. That seminar was attended by the faculty and officers of University.

## (2010-IYB): Agriculture University, Peshawar International Biodiversity Day 2010 Celebrated in Peshawar



**A** seminar on "International Day on Biodiversity 2010" was organized by the Directorate of P&D Agriculture University Peshawar on 24th May 2010 in connection with International Celebrations for the year of Biodiversity. The faculty members and senior students attended the session. Prof. Dr. Khan Bahadar Marwat, Vice Chancellor, Agriculture University Peshawar was the Chief Guest on the occasion. Mr. Ashiq Ahmed Khan, Advisor, Pakistan Forest Institute, Peshawar was the guest speaker who highlighted the importance of Biodiversity and its relevance with the Food Security and Poverty Alleviation. The Vice Chancellor stressed the faculty to focus their research on issues that help us to conserve biodiversity and disseminate the knowledge among the students for their wider understanding on the subject.

### Training Workshop on "Analytical Techniques in Soil & Water Analysis"

Mr. Rashid Hussain Amur, Horticulturist attended three days training, organized by Soil Science Department, Sindh Agriculture University, Tandojam. "learnt soil, water analysis and calibration of different scientific devices like pH meter, spectrophotometer, flame photometer & conductivity meter." Said Rashid Hussain.



### Festival: International Symposium on "Biodiversity is our life"

Mr. Rahim Bux Awan, Project Director, Carbon Sequestration, Sindh Forests paid visit to Center for Biodiversity and Conservation (CBC) on 22nd June 2010. Mr. Awan had a meeting with the organizing committee for forthcoming International Symposium on "Biodiversity is our Life" scheduled on December 29-31st, 2010. The detailed programme including all the envisaged events were discussed during the meeting. Mr. Awan assured all possible cooperation to the Organizing Committee of Festival.



### Congratulation



Dr. Abdul Hussain Shar congratulate for winning Dr (Doctor) as prefix with your name. The topic of his PhD is " Isolation and Identification of Pathogenic Bacteria from drinking water of Khairpur-Sukkur and Rohri –Sindh, Pakistan supervised by Dr Yasmin Kazi, Professor, Department Microbiology, Shah Abdul Latif University, Khairpur.

### Shield of Honour

Dr. Mohammad Ashfaque, Dean Faculty of Agriculture, acting Vice Chancellor, presented shield to Prof. Dr. G. Raza Bhatti, Director, Centre for Biodiversity & Conservation, SALU, Khairpur & HEC Focal person IYB2010 at the eve of one day workshop on Agro-Biodiversity: Threats and Solution held on 16th June, 2010.



### Vice Admiral Pakistan Navy Visits to Botanic Garden along with his Family

**V**ice Admiral Mushtaq Ahmed accompanied by Crd. Zulfiquar, NRO, Sukkur visited Botanical Garden. **He wrote comments in visitors book** "A very beautiful garden. I'm really impressed with work being done by Dr. Raza Bhatti. Commendable work to maintain this beautiful garden in such an environment. The protection of the Ecosystem an environment. The protection of the Ecosystem and an ways how to sustain it we all need to join in this effort and do our bit to help it more forward. I and my family wish you good speed and fallowing wind. ".



District Co-ordination Officer Shaheed Benazirabad Visits SLUBGH



Mr. Jamal Mustafa Sayed, District Co-ordination Officer, Shaheed Benazirabad accompanied by Mr. Niaz Ahmed Khaskheli, District forest Officer paid visit to SLUBGH. Mr. Jamal planted tree **Delonix regia (Gul-e-Mohar)** and amplified the team efforts of SLUBGH in depicting plant biodiversity at Shah Latif University, Khairpur. Mr. Jamal also had meeting with Prof. Dr. Nilofer Shaikh, VC in order to get assistance for survey of Chanhoon Jo Daro, situated near to Nawab Shah.

5<sup>th</sup> June 2010 World Environment Day

The United Nation Environment Programme (UNEP) commemorates on 5<sup>th</sup> June, as “**World Environment Day**” (WED) every year across the world. The Centre for Biodiversity and Conservation, SALU celebrated this day jointly with District Red Crescent Society, Khairpur, Rotary Club Khairpur, Pakistan Broadcasting Corporation, Khairpur at Shah Latif university Botanical Garden and Herbarium (SLUBGH), Centre for Biodiversity and Conservation at 7.00 am.



established on WED. An Adhoc Committee for making bylaws for Society was formulated. Dr. Allah Jiwayo Panhyar nominated as a president of the society with 4 members.

WED celebration was linked with “**2010 Year of Biodiversity**” (Let’s Improve the Earth’s Environment by Conserving the Biodiversity) was theme of commemoration.

THE SFB will work in collaboration with CBC management on promotion of the followings:

- ⇒ Horticultural activities;
- ⇒ Environmental activities;
- ⇒ Save Wildlife;
- ⇒ Sustainable Development.

**Society of Friends for Biodiversity (SFB)** was





### First Announcement Biodiversity is life Biodiversity is our life

The United Nation declared 2010 to be the International Year Of Biodiversity. It is celebration of life on earth and its value for our lives. The world is invited to take action to safe guard the variety of life on earth biodiversity.

A lot of organizations and individuals are involved in carrying out cross disciplinary research those addressees the multifarious aspects of life on earth and their ecological linkages.

The different ecological zones of biosphere as well as habitat pose challenges to the environmentalists, social scientists and policy makers to understand the prevailing phenomenon, formulate tactics and strategies in order to minimize the threats to living being on earth.

Let's provide forum for all of them to assess and share their modus operands for the compatibility of living beings with potential challenges of climate change, global warming over exploitation on natural resources..

Participants national as well as International; include researchers, academia, environmental scientists & administrators, policy makers and young enthusiastic graduates from various disciplines of biological as well as environmental who can safe guard life on earth.

Professionally advanced findings would be presented in shape of research papers as oral as well as poster presentations.

This platform will serve as meeting point for researchers, policies and decision makers

Have you ever realized the value of variety of life on earth for mankind?

### International Symposium on "Biodiversity is Our Life"

To be held on  
**Shah Abdul Latif University, Khairpur (Mir's)  
Sindh-Pakistan**

Organized by  
**Center for Biodiversity & Conservation (CBC),  
On**

**29-31 December 2010**

#### Thematic approach:

1. SWOT Analysis of biodiversity in national/regional and global perspectives;
2. Sustainable energy and conservation strategies;
3. Values of Cultural diversity

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