



ANNOUNCEMENT

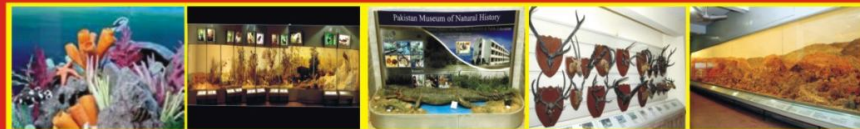
33rd

**PAKISTAN CONGRESS OF ZOOLOGY
(INTERNATIONAL)**

April 2 - 4, 2013



To be held at
Pakistan Museum of Natural History, Islamabad
Jointly Organized by:
Pakistan Museum of Natural History (PSF) and
PMAS Arid Agriculture University, Rawalpindi



GENERAL INFORMATION

The President of Zoological Society of Pakistan and the Congress Organizing Committee cordially invite the Fellows/Members of the Society and all other scientists interested in various disciplines of Zoological Sciences to take part in the 33rd Pakistan Congress of Zoology to be held at the Pakistan Museum Natural History, Islamabad on **April 2 to 4, 2013**.

SCIENTIFIC PROGRAMME

The scientific programme will consist of plenary lectures and oral presentations. Theme of the Congress will cover all the major areas of Zoology and related disciplines e.g. Entomology and Pest Management; Cell Biology, Molecular Biology, Bioinformatics, Environmental Biotechnology, Bioremediation, Genetics, Toxicology, Parasitology; Microbiology, Physiology; Palaeontology, Environmental Biology, Wild Life Conservation; Fisheries, Freshwater Biology and Marine Biology.

There will be three sessions each day. The first session will start at 9.00 A.M. The paper reading session will start immediately after inauguration and will continue till the 3rd day.

Fifteen minutes will be allowed for presentation of paper and discussion. Multimedia and 2x2 slide projectors will be available.

The participants are reminded that only one paper will be accepted for presentation from one set of authors.

Last date for the receipt of registration forms and abstracts of papers is February 28, 2013.

ABSTRACTS

The participants are requested to submit two copies of abstracts of their research papers. The abstracts should include a brief introduction, methods used, main results and conclusions. References should not included in the text of Abstract. Multimedia, 2x2 slide and overhead projectors will be available.

POSTER SESSION

Poster session, as usual, has been arranged specially for the younger scientists. A committee will review the posters and adjudge the first, second and third best posters. The authors of these posters will be given certificates at the Closing Ceremony on the third day of the Congress.

Participants desirous of presenting poster must, however, register themselves for the congress and submit a short summary by February 28, 2013.

PAKISTAN MUSEUM OF NATURAL HISTORY, ISLAMABAD

Pakistan Museum of Natural History (PMNH) situated at Garden Avenue, Shakarparian, Islamabad was established in 1976 under the patronage of Pakistan Science Foundation, Ministry of Science & Technology (Government of Pakistan). It has four principal divisions namely Botanical Sciences Division, Zoological Sciences Division, Earth Sciences Division and Public Services Division. The first three divisions are engaged in the collection, identification and research activities pertaining to plants, animals and mineral resources of Pakistan respectively, while the latter is responsible for mass education and popularization of natural history various displays, exhibits and dioramas. In addition various projects such as Virtual Orientation Gallery (VOG), Biodiversity Database and Global Networking (BGN) and Focus Baluchistan have also been initiated.

The distinction of PMNH lies not only in research but also in implementing mass education and awareness about conservation of biodiversity and environmental issues through 3-dimensional displays and dioramas, a source of attraction for all ages, children and adults, illiterate or the professional scholars. The scientific information is translated in the form of an easy-to-understand and attractive medium so that the information not only reaches general public but is also easily understood and digested by them. Usually such mass communication medium is in the form of 3-dimensional diorama, which are visually quite

There are more than 30 scientists and designers who are engaged in research primarily pertaining to the biodiversity of Pakistan with special reference to environment and natural habitat degradation. A large number of natural history specimens (plants, animals, rocks, minerals and fossils) have already been collected and curated. PMNH scientists have discovered a number of new Plants and animal species. PMNH scientists have published a number of research articles in journals of international repute. Highly productive collaboration research programmes with many foreign countries are in progress, such as those with USA, UK, Japan and Italy. France, Switzerland.. PMNH has Display Galleries in which a number of dioramas and other exhibits are displayed. We regularly publish natural history brochures, leaflets, bulletins and posters etc. for mass education. Symposia / Workshops about latest natural history issues are regularly held at PMNH. We have helped in setting-up of many other musea, such as NMST, Lahore, Maritime Museum, Karachi and Children Complex, Lahore.

GOLD MEDALS AWARDING CEREMONIES

- The eighteenth **Mujib Memorial Gold Medal** will be awarded to a student of Karachi University, standing first in the recent M.Sc. Zoology examination, with specialization in Parasitology.
- The eighteenth **Muzaffer Ahmad Gold Medal** will be awarded to a student of the Punjab University, standing first in the recent M.Sc. Zoology examination.
- The sixteenth **Muhammad Afzal Hussain Qadri Memorial Gold Medal** will be awarded to M.Sc. Zoology student of University of Karachi obtaining first position..
- The twelfth **M.A.H. Qadri Memorial Gold Medal** will be awarded to a student of Karachi University, obtaining Ph.D. Zoology degree in Parasitology.
- The ninth **Ahmed Mohiuddin Memorial Gold Medal** will be awarded to a student of University of Sindh, Jamshoro standing first in the recent M.Sc. Zoology examination.
- The ninth **Prof. Dr. S.N.H. Naqvi Gold Medal** will be awarded to successful Ph.D. Zoology specializing in the field of Toxicology from University of Karachi.
- The fifth **Afsar Mian Gold Medal** will be awarded to a student of University of Arid Agriculture, Rawalpindi standing first in the recent M.Sc. Zoology examination.

ZOOLOGIST OF THE YEAR AWARD 2013

The Zoological Society of Pakistan will honour its Fellows for their scientific contributions to the discipline of Zoology. A committee specially constituted for this purpose will select an outstanding Zoologist out of the nominees. Award giving ceremony will be held during the Inaugural session of 33rd Pakistan Congress of Zoology. Citation of the award will also be read before conferring the medal which is in the form a medal and a certificate.

PROF. A.R. SHAKOORI GOLD MEDAL

The tenth **Professor A.R. Shakoori Gold Medal** will be given to a young researcher upto the age of 45 in any area of Biological Sciences. A specially constituted committee will scrutinize the applications received in response to an advertisement. The Medal will be conferred during the Inaugural session of 33rd Pakistan Congress of Zoology.

PROF. DR. MIRZA AZHAR BEG GOLD MEDAL

The eleventh **Prof. Dr. Mirza Azhar Beg Gold Medal** will be given to a young researcher upto the age of 45 in Ecology / Wildlife / Vertebrate Pest Management / Taxonomy / Fisheries. A specially constituted committee will scrutinize the applications received in response to an advertisement. The Medal will be conferred during the Inaugural session of 33rd Pakistan Congress of Zoology.

PROF. IMTIAZ AHMAD GOLD MEDAL

The first **Prof. Imtiaz Ahmed Gold Medal** will be given to researcher in the field of Entomology. A specially constituted committee will scrutinize the applications received in response to an advertisement. The Medal will be conferred during the Inaugural session of 33rd Pakistan Congress of Zoology .

PROF. DR. NASIMA M. TIRMIZI GOLD MEDAL

The seventh **Prof. Dr. Nasima M. Tirmizi Gold Medal** will be given to a researcher in the field of Marine Sciences. A specially constituted committee will scrutinize the applications received in response to an advertisement. The Medal will be conferred during the Inaugural session of 33rd Pakistan Congress of Zoology.

ACCOMMODATION, BOARD AND TRAVEL

The participants requesting for accommodation should inform the secretariat well in time. All participants should inform the details of their arrival in Lahore well in time, so that arrangements for their transport from the Railway Station/Air Port/Bus/Air/Train Terminals could be made.

The participants may have to pay for meals if they are not sponsored.

INSTRUCTIONS FOR POSTER PRESENTATIONS

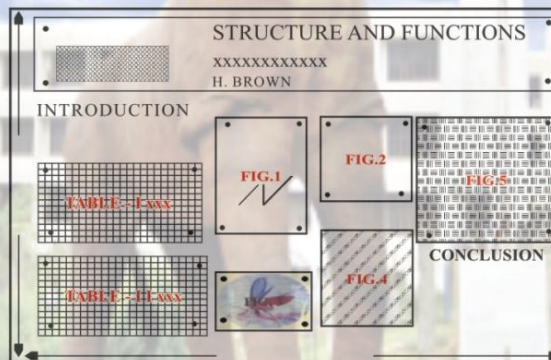
Abstracts scheduled for presentation in poster sessions will be grouped by topic, numbered and listed in the programme, and published in the abstract book in the usual manner. In addition, programme listings will specify time when your colleagues may expect you to be at your assigned space to discuss your work.

Mount posters on your assigned board in the evening of April 1, 2013, *i.e.* one day before the inauguration of the Congress. Posters should be in place for the full congress period.

The poster board surface is 3'8" high and 5'6" wide. Prepare for the top of your poster space a label indicating its title and authors. The lettering for this section should not be less than 1" high. A copy of your abstract typed in large type, should be posted in the upper left-hand corner of the poster board.

All illustrations should be made beforehand. Keep in mind that your illustrations must be read by interested scientists from distances of about 3' or more. Charts, drawings and illustrations might well be similar to those you would otherwise use in making slides; preferably cruder and more heavily drawn. They need not, in fact should not, be "arty." Simple use of color can add emphasis effectively. Do not mount them on heavy board because these may be difficult to keep in position on the poster boards. Hand lettered material should contain appropriately heavy lettering at least 3/8" high. Shade block letters where possible. Typed material should be typed on a Bulletin (large type) typewriter, if possible. Keep illustrative material simple.

Bring your own push-pins or thumbtacks.



ISLAMABAD

Islamabad is the capital of Pakistan, it is located at 33.43°N 73.04°E in the foot of the Margalla Hills. Its elevation is 540 meters. Climate of Islamabad is humid subtropical, with warm and dry springs, hot and humid summers accompanied by a monsoon season, and brief but cool winters. The average temperature in the month of April is 30-15 °C. Islamabad is a most beautiful place for tourism. Museums, Faisal Mosque, Maraghzar Zoo, Daman e Koh, Rawal Lake and Shaker Parrian are tourist places of Islamabad.

Islamabad boasts the highest literacy rate in Pakistan at 87%, and has most advanced educational institutes in the country. A large number of public and private sector educational institutes are present here. The higher education institutes in the capital are either federally chartered or administered by private organizations and almost all of them are recognized by the Higher Education Commission of Pakistan.

Islamabad is connected to major destinations around the world through Benazir Bhutto International Airport. All major cities and towns are accessible through regular trains and bus services running mostly from the neighboring city of Rawalpindi. Lahore and Peshawar are linked to Islamabad through a network of motorways which has resulted in a significant reduction in travelling times between these cities. M-2 Motorway is 367 km long and connects Islamabad and Lahore. M-1 Motorway connects Islamabad with Peshawar and is 155 km long. PMNH can be accessed from M1 and M2 through Kashmir Highway.



SECRETARIAT

Zoological Sciences Division
Pakistan Museum of Natural History, Islamabad
Phone: 92-051-9252268, 9252084
Mobile: .0345-5462287, 0333-5410746
E-mail: rafique59@yahoo.com, dkmahmood@msn.com

Please return by 28th February 2013 the registration form along with the Registration fee and Abstract(s) to:

Prof. Dr. A.R. Shakoori

Distinguished National Professor & Director
School of Biological Sciences

University of the Punjab, Lahore-54590

Phone: 92-42-99230133

Fax: 92-42-99230980

E-mail: arshaksbs@yahoo.com; arshakoori.sbs@pu.edu.pk

Important Phone Numbers:

Lahore: Dr. Zulfiqar Ali Saqib : 0333-4252693

Mr. Haider Ali : 0321-7214129 - Email: haiderzspk@yahoo.com

Islamabad: Dr. Muhammad Rafique 0345-5462287

Dr. Khalid Mahmood 0333-5410746

CONGRESS ORGANIZING COMMITTEE

Prof. Dr. M. Afzal Kazmi
Prof. Dr. A.R. Shakoori
Prof. Dr. Muzaffer Ahmad
Mr. Abdul Aziz Khan
Prof. Dr. Shamsuddin Shaikh
Prof. Dr. Syed Shahid Ali
Dr. Zulfiqar Ali Saqib
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Dr. Ali Muhammad Yousafzai
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Dr. Abdul Majid
Dr. Mukhtiar Ahmed Mahar
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Dr. Faiza Saleem
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Dr. Gao Xingyi, China
Prof. Dr. Shamshad H. Gilani, USA
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Prof. Dr. Daniel Hoessli, Switzerland
Prof. Dr. Amjad Javed, Alabama, USA
Prof. Dr. Paolo Madoni, Italy
Dr. T.J. Roberts, UK
Dr. George Iliopoulos, Greece

LOCAL ORGANIZING COMMITTEE

Patron in Chief: Akhlaq Ahmad Tarar (Secretary, MoST)

Chief Organizers: 1- Prof. Dr. Manzoor Hussain Soomro (Chairman, PSF)

2- Prof. Dr. Muhammad Azim Malik (VC, PMAS-AAUR)

Mr. Hassan Wasim Afzal
Dr Khalil A. Ibupoto
Mr. Riaz-ul-Islam
Mr. Muhammad Akhter Javed
Dr. Muhammad Rafique
Dr. M. K. Leghari
Dr. Nayyer Iqbal
Mr. Abdul Rahim Rajpar
Dr. Saleem Ahmed
Mr. Hamid Dawood
Dr. Khalid Mahmood
Mr. Rahat Saeed
Mr. Muhammad Asif Khan
Mr. Muhammad Abbas
Mr. Shabir Ali Amir
Mr. Rifaqat Masroor
Mr. Mishkat Ullah
Mr. Nasim Ahmed Khan
Mr. Muhammad Kabir
Ms. Bushra Allah Rakha
Mr. Muhammad Irfan

Prof. Dr. Sarwat N Mirza
Prof. Dr. Iftikhar Hussain
Prof. Dr. Mazhar Qayyum
Dr. Maqsood Anwar
Dr. Shamim Akhter
Dr. M. Sajid Nadeem
Dr. Ghulam Akbar
Dr. M. Ali Nawaz
Prof. Z. B. Mirza
Mr. Mahmood Akhter Cheema
Mr. Abdul Wahab
Mr. Umeed Khalid
Mr. Fakhar-e-Abbas
Dr. Abdul Rehman
Dr. Zulfiqar Ali Saqib
Dr. Farhana Riaz Ch.
Dr. Muhammad Mushtaq
Dr. Amjad Rashid Kayani
Dr. Zubair Anjum
Mr. Amjad Ali
Mr. Haider Ali

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**Pakistan Museum of Natural History,
Garden Avenue, Shakarparian, Islamabad**



REGISTRATION FORM

I wish to register for the 33rd Pakistan Congress of Zoology. A Bank Draft, in favour of Treasurer, Pakistan Congress of Zoology for US \$ 400/- as registration fee, is enclosed.

1. Name _____
2. Position _____
3. Institute _____
4. Name(s) of accompanying members (Give age, if under 12 years) _____

5. Address _____

6. Phones: Res: _____ Off: _____
7. E-mail: _____
8. Check Appropriate Box
Participants US \$ 400 []
Spouse US \$ 250 []

I remit the total amount of US \$ _____ by Draft (No: _____) to Treasurer, Pakistan Congress of Zoology, Department of Zoology, University of the Punjab, New Campus, Lahore. PLEASE ADD US \$ 10/- TO THE TOTAL AMOUNT, IN CASE YOU DECIDE TO WRITE A CHEQUE.

9. Title of paper _____

 10. Subject Classification _____
(Please see the major disciplines of Zoology listed under scientific programme).
 11. What category of audiovisual aid would you like to have for your presentation?
[] Overhead project [] Slide projector [] Multimedia projector
 12. Would you make your own arrangement for stay during the Congress?
Yes [] No []
- Signed: _____ Dated: _____

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3. Institute _____
4. Name(s) of accompanying members (Give age, if under 12 years) _____

5. Address _____

6. Phones: Res: _____ Off: _____
7. E-mail: _____
8. Check Appropriate Box
Members Rs. 1500 []
Non-Members Rs. 1800 []
Students (M.Sc.) Rs. 1200 []
Spouse Rs. 1200 []
Certificate of congress participants fees Rs. 100 []
Certificate for oral presentation Rs. 100 []
Certificate for active participation Rs. 100 []

I remit the total amount of Rs. _____ by **DRAFT (NO: _____)** to Treasurer, Pakistan Congress of Zoology, Department of Zoology, University of the Punjab, New Campus, Lahore. **PLEASE ADD RS. 350/- TO THE TOTAL AMOUNT, IN CASE YOU DECIDE TO WRITE A CHEQUE.**

9. Title of paper _____

10. Subject Classification _____
(Please see the major disciplines of Zoology listed under scientific programme).
11. What category of audiovisual aid would you like to have for your presentation?
[] Overhead project [] Slide projector [] Multimedia projector
12. Would you make your own arrangement for stay during the Congress?
Yes [] No []
Signed: _____ Dated: _____

*If you are interested in getting attractive certificate for participation in the 33rd Congress, you may include an amount of Rs. 100/- as Congress participation certificate fee in the Congress Registration Fee. The certificate will be handed over during the Congress.