

ZOOLOGICAL SURVEY DEPARTMENT

Zoological Survey Department (ZSD) is an attached Department of Ministry of Environment. It is headed by a Director and is responsible to undertake faunastic surveys throughout the country. It also responsible to maintain standard zoological collections from different parts of the country and to impart education and awareness among the masses.

Activities During 2005-2006

i) Survey of Trophy Hunting Areas in Punjab and Balochistan

In a NCCW Council's meeting chaired by the Minister for Environment decided that ZSD should conduct population Surveys of Trophy Hunting area before allotment of quota to stake holders/Provincial Departments. ZSD completed the Survey of trophy hunting areas in Sindh and Balochistan during the financial year 2005 –2006.

ii) Mid Winter Waterflow Count

Pakistan is signatory of RAMSAR and CMS Conventions and it is obligatory for Pakistan to take care of migratory species and keep record of it. ZSD took it as its regular activity and conducted waterfowl survey in collaboration with Provincial Wildlife Departments of NWFP, Punjab and Sindh.

iii) Survey of Marine Mammals

This is the new initiative taken up by ZSD on Karachi Coast in 2003-2004 and extended it to Balochistan Coast in 2005 –2006. During the year under report, Karachi University and Millpart University London also collaborated with ZSD in Marine Mammals Survey.

iv) Survey of Marine Reptiles on Karachi Coast

Survey of Marine reptiles especially the Marine turtles is also taken up by ZSD on Karachi coast in 2003 – 2004 and remained continued during and the year as well. The target is to record the number of species of Marine turtles visiting the Pakistan cost and to study these breeding biology as well.

v) Baseline Study of Ayubia National Park

Zoological Survey Department is planning to undertake baseline Study of Projected areas of Pakistan for providing information to respective Provinces for sound management of these areas. During financial year 2005-2006, a detailed baseline study of Ayubia National Park was undertaken by ZSD.

vi) Identification and Cataloging of Reserve Material at Zoological Museum, Karachi

Three taxonomists are busy for identification and cataloging of corals, Molluscs and Echinoderms in Zoological Museum Karachi. All the identified material is properly catalogued and fed in the computer to prepare database of the Museum collection.

Publications

Annual scientific journal "Records" of ZSD was published in 2005 – 2006. Besides, two informatics posters i.e. Marine Snakes of Pakistan and Fresh Water turtle of Pakistan also published.

Development Projects

Zoological Survey Department is executing two development projects titled "Coastal Area/Dryland Biodiversity and Survey Management" and "Establishment of Botanical Garden, Bani Gala, Islamabad".

i) Coastal Area / Dryland Biodiversity and Survey Management

This project started in 2005 –2006 and will continue for five years. The aim of the project is to undertake survey to know status and distribution of selected species of Mammals CMS species and Reptiles in selected areas of Pakistan.

Besides, fencing of the area earmarked for Zoo-Cum-Botanical Garden and construction of the office building of ZSD shall also be covered under this project.

ii) Establishment of Botanical Garden

After the demarcation of the area by Survey of Pakistan in July 2004, installation of signboards, institution of watch and ward staff and construction of watcher huts have been completed in the area during the Financial Year 2005-2006. Fencing of this area is in progress.
