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Sri Kalyan Das, IFS (Pix-3, 4, 7, 9, 10, 15, 16, 23, 26, 27, 28, 33, 46, 47, 48, 49, 51, 56, 57, 58, 59, 60, 64, 65, 66, 67, 68, 72, 73, 80, 81, 99, 100, 102), Sri Tapas Das, IFS (Pix-1, 2, 5, 13, 22, 25, 36, 39, 44, 61, 62,63, 70, 77, 78, 84, 87, 91), Sri Animesh Bose (HNAF) (Pix-86), DFO-Gorumara Wildlife Division (Pix-8, 14, 17,95, 96, 97, 98), DFD-Sundarban Tiger Reserve (Pix-45, 90, 93, 94, 95, 103, 104), Sundarban Biosphere Reserve (Pix-50, 52, 53, 54, 88), DFD-Buxa Tiger Reserve (East) (Pix-41), DFD-Buxa Tiger Reserve (West) (Pix-32), Dr. S.Kulandaivel, IFS (Pix-11, 18, 31), Sri Anjan Guha (Pix-30), Ms. Niranjita Mitra (Pix-75), Sri S.Pal Chowdhury (Pix-6, 34, 37, 71, 74), Sri Dhiraj Kami (Pix-69), Ms. Susmita Das (Pix-76), Wildlife (HQ) office records (Pix-12, 19, 20, 21, 24, 29, 35, 38, 40, 42, 43, 55, 79, 82, 83, 85, 89, 92)

Chapter 1 : Biodiversity in West Bengal Management & its Conservation

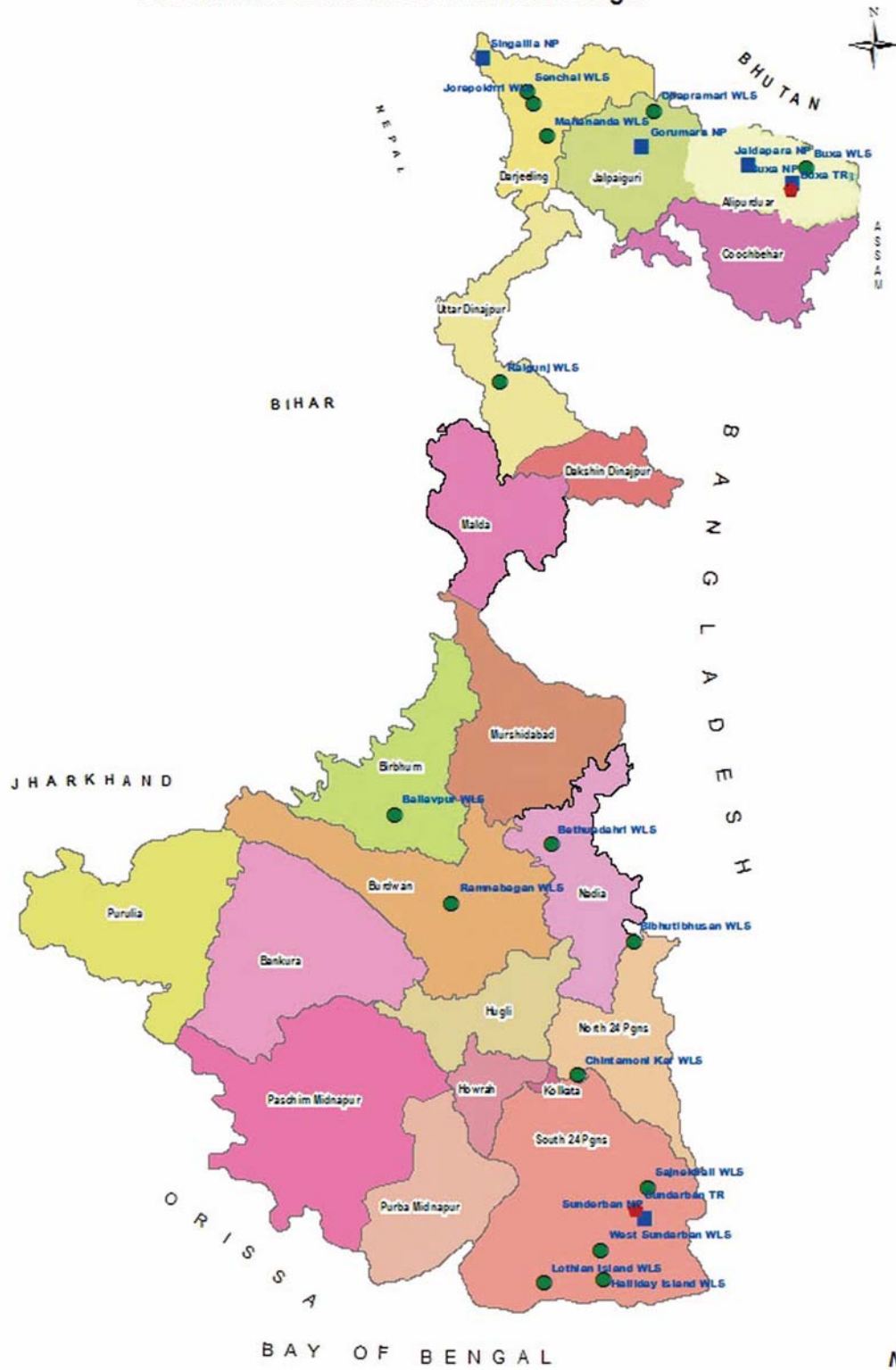


Protected Areas of West Bengal

Protected Area	Area in Sq. Km.	Notification No. & Date	Bio-geographic Zone	District	Ecologically Important species
National Parks:					
1. Singalila N.P.	78.60	9057-For dt. 2.12.92	2C	Darjeeling	Red Panda (<i>Ailurus fulgens</i>), Clouded Leopard (<i>Neofelis nebulosa</i>), Kalij Pheasant (<i>Lophura leucomelanos</i>), Himalayan Black Bear (<i>Ursus thibetanus laniger</i>)
2. Neora Valley N.P.	159.8917	103-FR/O/11M-91/12 dt. 11.01.13	2C	Darjeeling	Clouded Leopard (<i>Neofelis nebulosa</i>), Serow (<i>Capricornis thar</i>), Gaur (<i>Bos gaurus</i>), Himalayan Black Bear (<i>Ursus thibetanus laniger</i>)
3. Buxa N.P.	117.10	3403-For dt. 5.12.97	7B	Alipurduar	Tiger (<i>Panthera tigris tigris</i>), Leopard (<i>Panthera pardus fusca</i>), Elephant (<i>Elephas maximus</i>)
4. Gorumara N.P.	79.45	1-For dt. 1.1.98	7B	Jalpaiguri	Rhino (<i>Rhinoceros unicornis</i>), Leopard (<i>Panthera pardus fusca</i>), Elephant (<i>Elephas maximus</i>)
5. Sundarban N.P.	1330.10	2867-For dt. 4.5.84	8B	South-24 Parganas	Tiger (<i>Panthera tigris tigris</i>), Estuarine Crocodile (<i>Crocodylus porosus</i>), Horse-shoe Crab (<i>Limulus rotundicanda</i>), Mangrove plants like <i>Nipa fruticans</i> , <i>Avicennia</i> spp., <i>Ceriops</i> spp., <i>Excoecaria agallocha</i> , etc.
6. Jaldapara N.P.	216.34	975-For dt. 27.4.12	7B	Alipurduar	Rhino (<i>Rhinoceros unicornis</i>), Gaur (<i>Bos gaurus</i>), Elephant (<i>Elephas maximus</i>)
Total	1981.4817				
Sanctuaries :					
1. Jorepokhri Salamander W.L.S.	0.04	1107-For dt. 11.03.85	2C	Darjeeling	Himalayan Salamander (<i>Tylotriton verrucosus</i>)
2. Senchal W.L.S.	38.88	2773-For dt. 19.8.98	2C	Darjeeling	Serow (<i>Capricornis thar</i>), Goral (<i>Naemorhaedus goral</i>), Barking Deer (<i>Muntiacus muntjac</i>), Himalayan Black Bear (<i>Ursus thibetanus laniger</i>)
3. Chapramari W.L.S.	9.60	2774-For dt. 19.8.98	7B	Jalpaiguri	Elephant (<i>Elephas maximus</i>), Gaur (<i>Bos gaurus</i>)
4. Mahananda W.L.S.	158.04	2775-For dt. 19.8.98	7B	Darjeeling & partly at Jalpaiguri	Serow (<i>Capricornis thar</i>), Himalayan Black Bear (<i>Ursus thibetanus laniger</i>), Tiger (<i>Panthera tigris tigris</i>), Leopard (<i>Panthera pardus fusca</i>)
5. Raiganj W.L.S.	1.30	1901-For dt. 11.4.85	7B	North Dinajpur	Asian Open Bill Stork (<i>Anastomus oscitans</i>)
6. Bethuadahari W.L.S.	0.6686	2772-For dt. 19.8.98	7B	Nadia	Spotted Deer (<i>Axis axis</i>), Jackal (<i>Canis lupus</i>), Common Langur (<i>Semnopithecus entellus</i>)
7. Ballavpur W.L.S.	2.021	4655-For dt. 11.7.77	7B	Birbhum	Barking Deer (<i>Muntiacus muntjac</i>)
8. Ramnabagan W.L.S.	0.145	4345-For dt. 30.9.81	7B	Bardhaman	Spotted Deer (<i>Axis axis</i>), Barking Deer (<i>Muntiacus muntjac</i>), Common Langur (<i>Semnopithecus entellus</i>)
9. Bibhutibhusan W.L.S.	0.64	2776-For dt. 19.8.98	8B	North-24 Parganas	Spotted Deer (<i>Axis axis</i>), Rhesus Monkey (<i>Macaca mulatta</i>)
10. Chintamani Kar Bird Sanctuary (old Narendrapur W.L.S.)	0.07	4300-For dt. 21.10.05	8B	South-24 Parganas	Large-billed Reed Warbler (<i>Acrocephalus orinus</i>), various birds, Civet Cat (<i>Viverricula indica</i>), Water Monitor Lizard (<i>Varanus salvator</i>), Jackal (<i>Canis lupus</i>), Mongoose (<i>Herpestes edwardsii</i>)

Protected Area	Area in Sq. Km.	Notification No. & Date	Bio-geographic Zone	District	Ecologically Important species
11. Sajnakhali W.L.S.	362.40	5396-For dt. 24.6.76	8B	South-24 Parganas	Tiger (<i>Panthera tigris tigris</i>), Estuarine Crocodile (<i>Crocodylus porosus</i>), Horse-shoe Crab (<i>Limulus rotundicanda</i>), Mangrove plants like Nipa fruticans, Avicennia spp., Ceriops spp., Excoecaria agalocha, etc.
12. Haliday Island W.L.S.	5.95	5388-For dt. 24.6.76	8B	South-24 Parganas	Rhesus Monkeys (<i>Macaca mulatta</i>), Spotted Deer (<i>Axis axis</i>), Wild Pig (<i>Sus scrofa</i>)
13. Lothian Island W.L.S.	38.00	2771-For dt. 19.8.98	8B	South-24 Parganas	Spotted Deer (<i>Axis axis</i>), Wild Pig (<i>Sus scrofa</i>), Estuarine Crocodile (<i>Crocodylus porosus</i>), Rhesus Monkeys (<i>Macaca mulatta</i>)
14. Buxa W.L.S.	314.52	316-For dt. 24.1.86 ; 7588-For dt. 6.10.90 and 12-For dt. 1.1.91	7B	Alipurduar	Tiger (<i>Panthera tigris tigris</i>), Leopard (<i>Panthera pardus fusca</i>), Elephant (<i>Elephas maximus</i>)
15. West Sundarban W.L.S.	556.45	1828-For dt. 11.9.13	8B	South-24 Parganas	Tiger (<i>Panthera tigris tigris</i>), Estuarine Crocodile (<i>Crocodylus porosus</i>), Horse-shoe Crab (<i>Limulus rotundicanda</i>), Mangrove plants like Nipa fruticans, Avicennia spp., Ceriops spp., Excoecaria agalocha, etc.
Total	1488.7246				
Tiger Reserves :					
1. Buxa Tiger Reserve			7B	Alipurduar	Tiger (<i>Panthera tigris tigris</i>), Leopard (<i>Panthera pardus fusca</i>), Elephant (<i>Elephas maximus</i>)
Core Area	390.5813	3051-For dt. 06.08.09			
Buffer Area	370.2886	3050-For dt. 06.08.09			
Total	760.8699				
2. Sundarban Tiger Reserve			8B	South-24 Parganas & North-24 Parganas	Tiger (<i>Panthera tigris tigris</i>), Estuarine Crocodile (<i>Crocodylus porosus</i>), Water Monitor Lizard (<i>Varanus salvator</i>), Mangrove plants like Nipa fruticans, Avicennia spp., Ceriops spp., Excoecaria agalocha, etc.
Core Area	1699.62	6028-For dt. 18.12.07			
Buffer Area	885.27	615-For dt. 17.02.09			
Total	2584.89				
* The total area includes NP and Sanctuary areas already mentioned.					
Total :	3345.7599				
Biosphere Reserve :					
Sundarban Biosphere (including STR, Sajnakhali, West Sundarban, Lothian and Haliday WLSs)	9630	Govt. of India vide No. 16/6/84-CSC dt. 19.03.1989		South-24 Prgns. North-24 Prgns.	Tiger (<i>Panthera tigris tigris</i>), Estuarine Crocodile (<i>Crocodylus porosus</i>), Water Monitor Lizard (<i>Varanus salvator</i>), Mangrove plants like Nipa fruticans, Avicennia spp., Ceriops spp., Excoecaria agalocha, etc.
Total	9630				
Elephant Reserves :					
Eastern Duars ER		3293-For dt. 28.8.2002	7B	Jalpaiguri & Alipurduar	Elephant (<i>Elephas maximus</i>)
Core	484.00				
Buffer	493.51				
Total	977.51				
Mayurjharna ER	414.00	3040-For. dt. 24.10.2002	6B	West Midnapur, Bankura and Purulia	Elephant (<i>Elephas maximus</i>)
Total	1391.51				

Location of Protected Areas in West Bengal



Not To Scale

WILDLIFE CONSERVATION AND MANAGEMENT IN WEST BENGAL

West Bengal has 4692 sq.km. of forests under protected area network which is 39.50% of the State's total forest area and 5.28% of the total geographical area. After the declaration of West Sundarban Wildlife Sanctuary as a new WLS and increase in area of Neora Valley National Park, now the PA network includes 1488.7246 sq.km. in fifteen Sanctuaries, 1981.4817 sq.km. in six National Parks and the balance areas are being represented by buffer areas of the two Tiger Reserves, viz. Sundarbans Tiger Reserve and Buxa Tiger Reserve. There are two Elephant Reserves viz., Mayurjharna Elephant Reserve with an area of 414.00 Sq.km. and Eastern Dooars Elephant Reserve with an area of 977.51 Sq.km.



Rhino at Gorumara National Park

Pix-2

In addition, one Biosphere Reserve viz. Sundarban Biosphere Reserve with an area of 9630 Sq.km. This includes the Sundarban Tiger Reserve, the Lothian Island Wildlife Sanctuary, West Sundarban Wildlife Sanctuary and the Haliday Island Wildlife Sanctuary.

In West Bengal emphasis has been given to conservation and management of sustainable resources in order to achieve the goal of long-term biodiversity conservation. The over all strategy involves protection of critical habitats of endangered species. The strategies also focus on improved PA management, development of infrastructure, habitat improvement programme, reduction of man animal conflict, capacity building and involvement of local people in management of PA areas.

The most important aspects of the biodiversity conservation in the State are as follows :

1. Protection of Protected Areas and Wildlife Habitats :

Protection of habitat and control of poaching of wild animals are being given top priority through regular patrolling on foot, elephant back, vehicle and speed boats. The protection measures are further augmented through improvement of communication network, supply of improved weapons to the wildlife guards, wildlife squads, Intelligence gathering, installation of watch towers at strategic points etc. inside the National Parks and Sanctuaries as well as in the areas important for wildlife conservation. Since poaching is always associated with the inter-state and/or international smuggling of the wildlife products, a regular coordination between various enforcement agencies like BSF, Railway Police, Customs, Directorate of Revenue Intelligence, Police etc. are maintained. The Wildlife Wing is actively liaising with the WCCB office as an integral part of the Wildlife Crime Control Bureau.



Patrolling by Forest Staff on elephant back

Pix-3

2. Wildlife Management and Habitat Improvement :

Habitat Improvement Programme includes the canopy opening in monoculture teak plantations, followed by natural or artificial regeneration of grasses and under planting with bamboo and tree fodder species. Development of water holes and wetland development through soil moisture conservation works have been implemented on top priority basis. Regular maintenance of fire lines are given priority to control ground fire. Grassland Management is one of the major activities in the Terai and Dooars Forests. To increase the fodder base of herbivores, plantation of indigenous grasses is regularly undertaken. The plantation of fodder species in the Elephant Reserves is a key towards the elephant management and is being done widely for the improving the fodder base of the elephants inside the forest.



Waterhole

Pix-4

3. Ex-Situ Conservation of threatened wildlife species :

The *ex situ* conservation is an integral part of wildlife management. Species reintroduction is one of the important ingredient of the *ex situ* conservation. In West Bengal, the rehabilitation and restocking of some of the endangered wild animals have been initiated. The translocation of chital deers in Sundarban Tiger Reserve, some of the PAs of north Bengal and the forest areas of south Bengal have been successfully undertaken. More than **1700 Chitals** have been translocated in these forests till this year. The release of estuarine crocodile and batagur baska are being done regularly in the Mangrove ecosystem of Sunderbans. Till date we have released **532 crocodiles** in various creeks and rivers of Sunderbans to augment the population of this endangered species. After release of two Red Pandas in Singhalila National Park the Forest Department is now conducting the Red Panda Census based on DNA analysis of Red Panda in Neora Valley National Park and Singhalila National Park to assess the present status of Red Panda in the wild in association with Wildlife Institute of India and Zoological Survey of India.



*Swamp Deer Reintroduction Programme
in Jaldapara National Park*

Pix-5

4. Human-Wildlife interface

The following items are included in the activities of the Wildlife Wing related to the social interface of the wildlife administration.

i) Reduction of Man-Animal conflict :

A. Conflicts usually arise out of straying of wild animals into human habitations and result into either killing of the wild animals, or, death/injury of human beings and loss of crop/cattle/houses.

B. Man-elephant, Man-tiger, Man-leopard, Man-bison, Man-langur conflict and also conflict with other wild animals of late, have become more acute due to shrinkage of habitats, loss of fodder/prey base in the forests and increased activities around the forests. Rapid expansion of habitations, agriculture and tea gardens had not only encroached upon the forests and grasslands, but also cut off the corridors needed for migration of wide-ranging animals like elephants. Moreover, wanton grazing of cattle in the forest fringes



Treatment of wild elephant at Bankura

Pix- 6



Langur

Pix-7

and other forest areas have created acute pressure on the fodder of the large herbivores. Reduction of natural grassland and conversion of natural forests into value-added plantations of commercial species, until a couple of decades back, has further restricted the fodder base of the elephants and other wild animals. Poaching of deer and other smaller prey-animals has resulted into reduction in prey-base of big cats like tiger & leopard.



Rescue of strayed Leopard

Pix-8



Sun Bird

Pix-9



Munia

Pix-10

The following steps are being taken to reduce conflicts and check animal depredation :

1. Eco-restoration of the wildlife habitats by afforestation of fodder tree species, indigenous grasses and bamboos in blank areas and degraded forests.
2. Identification and mapping of critical elephant migration corridors and routes.
3. Enrichment of the natural habitats through development of cover, water resources, salt-licks, soil and water conservation etc. wherever necessary.



Elephant depredation in South West Bengal

Pix-11

4. Close co-ordination with the neighbouring states, viz. Odissa, Jharkhand etc. to check migration of Elephant herds as far as possible.
5. Direct measures to mitigate man-animal conflict including creation of electric fencing at strategic locations, driving of elephants from human habitation by elephant depredation control squads, early warning systems, use of *kunkee* elephants for driving of elephants etc.
6. Eco-development activities in the fringe villages to reduce biotic pressure inside forest areas.
7. Indirect measures to mitigate man-animal conflicts through development of pasture lands and woodlands on available community land and Government land outside the animal habitats, control of grazing, establishment of alternate systems to meet sustenance need of forest-dependent human populations, popularisation of Non-Conventional Energy systems, changes in socio-economic practices which lead to intensification of conflict with wildlife and elephant populations.



Mother & Calf at Buxa Tiger Reserve

Pix-12

8. Payment of *ex-gratia* grant to the victims of animal depredation (increased from previous rate) and adoption of alternative schemes, such as group insurance scheme for villagers.
9. Capture and translocation of problem populations of animal; translocation and/or elimination of established rogue elephants.
10. Training of captured elephants including establishment of required infrastructure and hold training programmes for elephant managers and handlers.
11. Strengthening of anti-poaching measures and infrastructure; payment of rewards / incentives.

12. Radio-collaring, periodic monitoring of movements of elephant population and directional driving of elephant herds.
13. Research on various aspects of wildlife management; compilation and publication of research material; holding of seminars, workshops and meetings.
14. Veterinary care for elephants in the wild as well as in captivity.
15. Increasing awareness among people by publication of education material, slide shows, film shows and street plays etc. as well as campaign through electronic media.



Mahout Training by Smt. Parvati Barua, Jaldapara

Pix-13

ii) Eco-development activities in and around the Protected Areas :

Management of National Parks and Sanctuaries has taken new dimensions in the involvement and meeting the livelihood demands of the local people inhabiting the fringes of the Protected Areas. It is well understood that the wildlife conservation programme will succeed only with the active involvement and cooperation of the local people.

To generate cooperation from the fringe area population, various schemes aimed both at the community and individual beneficiary are undertaken with an aim to generate alternate livelihood avenues, side by side with the community development of these fringe areas.

Building of schools, roads, community centres, potable water sources, etc. alongside schemes

related to building of houses for the impoverished individuals, distribution of Sal-leaf plate making machines, herbal nurseries, eco-tourism projects, etc. are some of these activities undertaken by the Wildlife Wing in these fringe areas.

Organising the below-poverty like individuals into Self-Help Group for positive livelihood generation in these communities has been one of the major success of the Forest Department in the forest fringes.



Digging of Ring Well

Pix-14



Red Vented Bulbul

Pix-15



Cattle Egret

Pix-16

iii) Participatory Protected Area Management :

Since 1991, participatory protected area management has been initiated in the fringe villages bordering Jaldapara National Park, Mahananda Wildlife Sanctuary, Buxa Tiger Reserve and gradually the eco-development programme has been expanded to all the PAs. Eco-development is a strategy which aims to conserve biodiversity by reducing the negative impact of people on the PA as well as reducing the negative impact of PA on local people. The efforts are to improve the socio-economic conditions of fringe villages through some prioritized, site specific and need based eco-development activity package, so that their dependence on forest resources is gradually reduced.



EDC Meeting at Gorumara

Pix-17

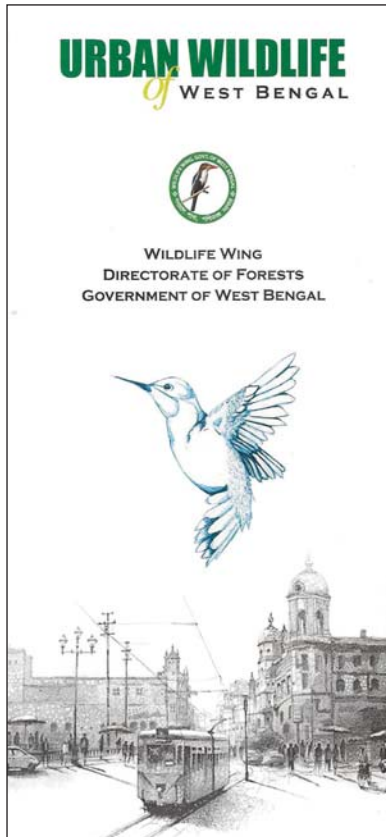
Total 236 nos. of Joint Forest Management Committees (**116 Eco-Development Committees and 120 Forest Protection Committees**) have been formed in the fringe villages of National Parks and Sanctuaries with around 67,347 members who are protecting flora and fauna of the state. The fringe area population around various PAs are now less dependent on the forest resources to earn their livelihood as alternate employment options have been created through eco-development programme in majority of these areas. The local communities are not only coming forward to protect the nearby forests but are also helping the forests staff to apprehend poachers. This active involvement of local people will make the task of bio-diversity conservation more effective in the long term.



Elephant Herd in Paddy field at Bankura

Pix-18

iv) Extension of Nature Education and Awareness Generation regarding Wildlife Conservation :



Publication of booklet on Wildlife Conservation

Pix-20

Extension of Nature Education and Awareness Generation has been achieved through setting up of Nature Interpretation Centres at various National Parks and Sanctuaries. Various awareness programmes like Film Shows, Slide Shows, Workshops, Nature Camps are being organized with the help of NGOs,

Panchayats and local Organizations and Institutions. Publicity Material like leaflets, booklets, brochures, posters, stickers etc. is being distributed among the target groups on the various conservation themes. Emphasis is being given to raise the awareness through Audio-Visual and Electronic Media.



Street Show at Kolkata

Pix-19

5. Research and Monitoring :

Regular census of wild animals is conducted in various Protected Areas as well as in the reserve forests. An essential prerequisite for successful wildlife management is monitoring of investments and evaluation of its effects. Wild animal census is one such management tool. Surveillance and monitoring of wildlife in protected areas across the state is now a regular practice. Population composition and the dynamics are quite encouraging. Periodic monitoring of forests of the state is done with application of remote sensing and GIS technology for mapping and assessment of bio-resources. Monitoring changes in biodiversity in different ecosystems is recorded regularly and accordingly management actions are implemented to correct the negative impacts.

A priority list of research programme has been prepared for each protected area of West Bengal and different scientific institutions, universities and NGOs are involved to conduct research. Research has been conducted on various aspects of ecological-biological studies on different species, habitat requirement and socio-economic pattern of fringe villages. The scientific survey reports and baseline data on different aspects are included in the management plan which also is updated from time to time based on scientific findings.



Callostylis rigida, Blume (Orchid)

Pix-21

6. Control of Crimes related to wildlife and the enforcement of wildlife legislations :

Crimes related to wildlife involve scheduled animals that are in violation to the provisions of the Wildlife Protection Act, 1972, and are punishable under the relevant sections of this act. Poaching, illegal trade in prohibited plants and animals, smuggling of wildlife articles, etc. are the major offences confronting the Wildlife Administration in West Bengal.

Round the clock surveillance, conduction of time to time raid programmes, maintenance of intelligence network, apprehension of offenders and their prosecution in Court, liaisoning with parallel enforcement agencies are some of the activities related to this aspect of the Wildlife Wing of the West Bengal Forest Directorate.



Rescued Gecko

Pix-22



Patrolling on foot

Pix-23



Seizure of Mongoose Hair Brush by Wildlife (HQ)

Pix-24

Status of Management Plan / Tiger Conservation Plan (TCP) preparation

Name of Protected Area / Tiger Reserve	Period	Present Status
Sundarban Tiger Reserve (incl. Sundarban NP & Sajnekhali WLS)	2012-13 to 2016-17	Tiger Conservation Plan approved by NTCA
Buxa Tiger Reserve (incl. Buxa NP & Buxa WLS)	2013 to 2022	Tiger Conservation Plan Operational
Mayurjharna Elephant Reserve	2014-15 to 2018-19	Under consideration for approval
Gorumara National Park	2007-08 to 2017-18	Management Plan Operational
Singhalila National Park	2013-14 to 2022-23	Management Plan Operational
Neora Valley National Park	2011-12 to 2021-22	Management Plan Operational
Jaldapara National Park	2007-08 to 2016-17	Management Plan Operational
Mahananda Wildlife Sanctuary	2011-12 to 2021-22	Management Plan Operational
Senchal Wildlife Sanctuary	2012-13 to 2021-22	Management Plan Operational
Chapramari Wildlife Sanctuary	2011-12 to 2021-22	Management Plan Operational
Bethuadahari Wildlife Sanctuary	2013-14 to 2022-23	Management Plan Operational
Bibhutibhusan Wildlife Sanctuary	2011-12 to 2020-21	Management Plan Operational
Ballavpur Wildlife Sanctuary	2009-10 to 2019-20	Management Plan Operational
Ramnabagan Wildlife Sanctuary	2012-13 to 2022-23	Under consideration for approval
Raiganj Wildlife Sanctuary	2011-12 to 2020-21	Management Plan Operational
Halliday Island Wildlife Sanctuary	2008-09 to 2017-18	Management Plan Operational
Lothian Island Wildlife Sanctuary	2008-09 to 2017-18	Management Plan Operational
Chintamani Kar Wildlife Sanctuary	2010-11 to 2014-15	Management Plan Operational
West Sundarban Wildlife Sanctuary	—	Under preparation

Chapter 2 : Important Events 2014-15



Asian Paradise Flycatcher

IMPORTANT EVENTS DURING 2014-15

Observation of Wildlife Day, 2014 :

The Wildlife Day 2014 was celebrated throughout the State of West Bengal on 29.11.2014 to generate awareness among common people on Wildlife & Biodiversity Conservation. The state level function organised at Rajabhatkhawa, Alipurduar in North Bengal. Many awareness programs were undertaken in the different districts of West Bengal. Among other programs in the districts, certificates and mementos were given to persons who had shown exemplary courage and temperament for Wildlife Protection and Conservation.



State Level Ceremony of Wildlife Day 2014 at Rajabhatkhawa on 29.11.2014

Pix-26



Street Procession by students and local people on the occasion of Wildlife Day, 2014

Pix-27

Wildlife Conservation Award, 2014 :

The State Wildlife Conservation Awards are given for significant contribution in the field of wildlife conservation. The award recognizes outstanding accomplishment by the Forest Officers (upto the Rank of ACF), Forest Staff, NGOs, Community, Panchayat Samity, Joint Forest Management Committees and Villagers and Individuals currently working in the field who have displayed extraordinary courage, dedication and determination in the field of wildlife conservation. The following personnel in the respective categories awarded during Wildlife Day 2014.



Presentation of Wildlife Conservation Award

Pix-28

Sl. No.	Category of Award	Name & designation of Awardees	Recommended by
1.	Protection of Wildlife	<ol style="list-style-type: none"> 1. Smt. Niranjita Mitra, WBFS, AWLW-I 2. Sri Anjan Kumar Mukherjee, WBFS, AWLW-II (Presently Rtd.) 3. Sri Satyabrata Ganguly, FR 4. Sri Sourabh Karmakar, FR 5. Sri Nirmal Dutta, DR/Fr 6. Sri Sankar Dutta, DR/Fr 7. Sri. Samir Kumar Patra, DR/Fr 8. Sri Arun Kumar Hazra, DR/Fr 9. Sri Satyendu Chakroborty, DR/Fr 10. Sri. Sarathi Kumar Roy, HFG 11. Sri Bigu Singh, HFG 12. Sri Sujay Sarkar, FG 13. Sri Dilip Prasad, FG 14. Smt Namita Bhattacharjee, FG 15. Sri. Baren Mondal, FG 16. Sri Tapas Bhadra, FG 17. Sri Paresh Nath Chowdhury, FG 18. Sri Biswanath Gure, FG 19. Sri Subhankar Halder, FG 20. Sri Biswanath Choudhuri, FG 21. Sri Srikanta Choudhury, BS 22. Sri Sudhir Sarkar, Orderly 23. Sri Biswajit Das, CDL 24. Sri Gangadhar Choudhury, CDL 25. Sri. Ashis Paul, Driver (DL) 26. Sri Ganesh Naskar, Driver (DL) 27. Sri Somnath Gulimajhi, DL 28. Sri Ajoy Biswas, DL 29. Sri Somatu Bhagat, DL 	DCF / Wildlife
2.	Protection of Wildlife	<ol style="list-style-type: none"> 1. Sri Swapan Kr Majhi, FR, 2. Sri Ranjit Kr Kar, DR/Fr. 3. Sri Sonam Gasto Bhuta, DR/Fr. 4. Sri Subrata Roy, FG 5. Sri Amiya Sarker, BS 6. Sri Tika Prodhan, Driver 7. Sri Kishore Pradhan, DL 8. Sri Lendup Bhutia, constable, 10 ACP 9. Sri Dumber Bahadur Dorjee, Driver 	APCCF / North Bengal, DFO / Baikunthapur

Sl. No.	Category of Award	Name & designation of Awardees	Recommended by
3.	Protection of Wildlife	1. Sri Anindya Guha Thakurta, FR, Kharagpur Division 2. Sri Bijoy Kumar Nath, F.R., Jhargram Division 3. Sri Biswajit Das, F.R., Rupnarayan Division 4. Sri Kalyan Singha Mahapatra, DR/Fr., Kharagpur Division	DFO / Kharagpur
4.	Wildlife Conflict Management	Sukna Wildlife Squad	DFO / Darjeeling WL
5.	Wildlife Conflict Management	Sri Rajesh Chatterjee, DR/Fr, Beat officer Netidhopani	FD / STR
6.	Conservation Awareness	1. Sri Nilratan Guha, FR 2. Sri Jagabandhu Mandal, BS 3. Sri Prasanta Naskar, CDL 4. Sri Monira Bibi, W/O Sahabuddin of Dhara Barjul 5. Sri Amina Bibi, W/o Saukat of Dhara Barjul 6. Sri Kasim Molla, S/o Nurmahammed, of Khargachi	JD / SBR DFO / 24-Parganas (South)
7.	Participatory Wildlife Management	1. Sri Anjan Biswas, Beat Officer, Bakkhali Ranger 2. Sri Amir Chand Mandal, Boatman 3. Sri Khudiram Mandal, Boatman 4. Sri Sitaram Bar, CDL 5. Sri Saktipada Dolui, CDL 6. Sri Nandan Dolui CDL 7. Sri Samiran Bhunia, CDL 8. Sk Farid, Patibunia FPC 9. Sukumar Majhi, Villager, Laxmipur 10. Mana Sheikh, Villager, Bijoybati 11. Bablu Maiti, Boatman 12. Dibakar Das, Majhi	JD / SBR DFO / 24-Parganas (South)
8.	Rescue of Wild animals	1. Sri Chandrasekhar Das, Inspector In-Charge, Bongaon Police Station and Staffs of Bongaon Police Station	JD / SBR DFO / 24-Parganas (North)
9.	Rescue of Wild animals	1. Sri Asitava Chatterjee, WBFS, ADFO, BTR (West) 2. Dr. Deepak Sharma, Veterinary Officer, BTR 3. Sri Bhabendra Nath Rishi, FR, RO, Nimati Range 4. Sri Himadri Debnath, DR/Fr., BO, West Nimati Beat 5. Sri Sankhe Rai, CDL(P) 6. Sri Joseph Burh, CDL(P) 7. Sri Sukumar Dhali, CDL(P) 8. Sri Papa Roy, CDL(P)	FD / BTR DFD / BTR(W)
10.	Rescue of Wild animals	Sri Biplab Kumar Bhowmick, DR/Fr., Beat Officer, Sajnekhali, Sundarban Tiger Reserve	APCCF & Director / SBR
11.	Rescue of Wild animals	Sri Keshav Bagali, Nurpur Village, Birbhum District	DFO / Birbhum
12.	Special Citation Award	Dr. Umasankar Sen, Assistant Director, ARD	DFO / Darjeeling WL

9th Meeting of the State Board for Wildlife

Ninth meeting of the State Board for Wildlife, West Bengal was held on 10th February 2015 at 4 pm in the Conference Hall on the 13th Floor of NABANNA, Howrah. Because of preoccupation of the Hon'ble Chief Minister, West Bengal & Chairperson, State Board for Wildlife, Shri Amit Mitra, Hon'ble Finance Minister, West Bengal presided over the meeting.

The following members of State Board for Wildlife, West Bengal were present in the 9th meeting of State Board for Wildlife, West Bengal.



9th Meeting of the State Board for Wildlife on 10.02.15

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Sl.	Name of the Members	
1.	Sri Amit Mitra, Hon'ble Minister in-Charge, Finance, West Bengal.	
2.	Sri Binay Krishna Barman, Hon'ble Minister-in-Charge, Forests Department.	Vice-Chairperson
3.	Sri Chandan Sinha, IAS, Principal Secretary to the Government of West Bengal, Department of Forest, Aranya Bhavan, LA Block, Salt Lake, Kolkata-700 098	Member
4.	Azam Zaidi, IFS, Principal Chief Conservator of Forests, Wildlife & Chief Wildlife Warden, West Bengal.	Member Secretary
5.	Sri D.P.Roy, MLA, Alipurduar, Elite Paryatak Abash, P.O. Alipurduar, Dist. Alipurduar, Pin-736 121.	Member
6.	Sri Ananta Deb Adhikary, MLA, Maynaguri, P.O. Maynaguri, Anandanagar, Dist. Jalpaiguri, Pin-735 224.	Member
7.	Sri Joydip Kundu, N.G.O. Society for Heritage & Ecological Researches (SHER), 7A Principal Khudhram Bose Road, Kolkata-700 006.	Member
8.	Sri Animesh Bose, HNAF, Nivedita Market, Hospital Road, Siliguri, Pin-734 001.	Member
9.	Sri Biswajit Roy Chowdhury, N.G.O. Nature Environment & Wildlife Society, 10, Chowringhee Terrace, Kolkata-700 020.	Member
10.	Sri Biswanath Pahan, C/o Nikhil Sarkar, Power House, Near Venus Kalimandir, P.O. Beltala Park, P.S. Balurghat, Dist. Dakshin Dinajpur.	Member
11.	Smt. Juthika Ray Basunia, Adarpara, P.O. Jalpaiguri, Dist. Jalpaiguri, Pin-735 101.	Member
12.	Smt. Purna Prabha Barman, Advocate, Upendranath Barman Sarani, Natunpara, P.O. Jalpaiguri, Dist. Jalpaiguri, Pin-735 101.	Member
13.	Sri Dipak Mitra, 31 Hindustan Park, Kolkata-700 029.	Member
14.	Sri Sudipt Dutta, 407 Uditia Ashtami Udayan, Kolkata-700 075.	Member
15.	Sri Tapan Kumar Mondal, Professor & Head, West Bengal Animal & Fisheries Sciences, 37, Khudiram Bose Sarani, Kolkata-700 037.	Member
16.	Sri Silanjan Bhattacharjee, Professor, West Bengal State University, Barasat, A-63 Purbadiganta, P.O. Santoshpur, Kolkata-700 075.	Member
17.	Dr. R.B. Bhujel, Principal, Cluny Womens' College, Kalimpong, Darjeeling.	Member
18.	Sri Kalyan Chakraborty, Pahari Para, Kadamtala, P.O. & Dist. Jalpaiguri, Pin-735 101.	Member
19.	Sri S.S. Majumder, Addl. Secretary to the Government of West Bengal, B.C.W. Department, Administrative Building, 4th Floor, DJ-4, Sector-II, Salt Lake, Kolkata-700 091.	Member
20.	Sri Shibaji Ghosh, Addl. Director General of Police, Law & Order, West Bengal, "Nabanna", 325, Sarat Chandra Chatterjee Road, P.O. Shibpur, Howrah, Pin-711 102.	Member
21.	Col. Prem Kumar Mishra, Representative of Armed Forces (not below the rank of Brigadier to be nominated by Government of India), Headquarter-Bengal Area, 246, A.J.C. Bose Road, Kolkata-700 020.	Member
22.	Dr. Sandip Kumar Mondal, Director, Department of Fisheries, West Bengal, 37, G.N. Block, Sector-V, Salt Lake City, Kolkata-700 091.	Member

Sl.	Name of the Members	
23.	Dr. Subhas Bose, Director, Department of A.R.D., Government of West Bengal, LB-2, Sector-III, 2nd Floor, Salt Lake City, Tank No. 06, Prani Sampad Bhavan, Kolkata-700 098.	Member
24.	Dr. P.Lakshminarasimhan, Scientist 'E', Representative of Botanical Survey of India, or his representative, CGO Complex, 3rd MSO Building, Block-F (5th & 6th Floor), DF Block, Sector-I, Salt Lake City, Kolkata-700 064	Member
25.	Dr. G.P.Mondal, Scientist 'D', Representative of Zoological Survey of India, or his representative, or his representative, Prani Vidyan Bhawan, M Block, New Alipore, Kolkata-700 053.	Member

The following invitees were present in the 9th meeting of State Board for Wildlife, West Bengal held on 10.02.2015 at 4-00 PM in the Conference Hall at "NABANNA".

Sl.	Name of the Invitees	
1.	Sri Azam Zaidi, IFS, Principal Chief Conservator of Forests, General.	Invitee
2.	Sri R.K.Mahtolia, IFS, Addl. Principal Chief Conservator of Forests, North Bengal.	Invitee
3.	Dr. B.R.Sharma, IFS, Addl. Principal Chief Conservator of Forests, Wildlife, West Bengal.	Invitee
4.	Dr. B.R.Sharma, IFS, Member Secretary, West Bengal Zoo Authority.	Invitee
5.	Dr. V.K.Sood, IFS, Chief Conservator of Forests, Wildlife (North).	Invitee
6.	Sri S. Dasgupta, IFS, Chief Conservator of Forests, & Field Director, Sundarban Tiger Reserve.	Invitee
7.	Sri S. Sundriyal, IFS, Chief Conservator of Forests, & Field Director, Buxa Tiger Reserve.	Invitee
8.	Sri S. Chanda, IFS, Chief Conservator of Forests, & Joint Director, Sundarban Biosphere Reserve.	Invitee
9.	Sri K. Das, IFS, Chief Conservator of Forests, & Conservator of Forests, Wildlife (HQ).	Invitee
10.	Dr. S. Kulandaivel, IFS, Deputy Conservator of Forests, Wildlife.	Invitee
11.	Smt. S. Das, WBFS, Assistant Wildlife Warden, Wildlife (HQ).	Invitee

Minutes of the 9th Meeting of the State Board for Wildlife held on 10th February, 2015 at 04:00 pm in the Conference Room, NABANNA, Howrah

Agenda Item No. 1 :	To confirm the minutes of the 8th Meeting of the State Board for Wildlife, West Bengal held on 06.02.2012 in the Conference Hall at Aranya Bhavan, Saltlake, Kolkata.
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Minutes of 8th meeting of the State Board for Wildlife, West Bengal held on 06.02.2012 were confirmed after brief discussion.

Agenda Item No. 2 :	Submission of the Action Taken Report (ATR) on the decisions taken in the 8th meeting of the State Board for Wildlife, West Bengal, held on 06.02.2012.
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Member Secretary, State Board for Wildlife presented the 'Action Taken Report' on the decisions taken in 8th meeting held on February 6, 2012. The Members present noted the Action Taken Report (ATR).

It was also resolved that —

- (i) A Wildlife Squad shall be established at Samuktala under Buxa Tiger Reserve with in March, 2015.
- (ii) The Chairman informed that the Hon'ble Chief Minister, West Bengal is very much keen on developing Eco-tourism in West Bengal. To develop the Eco-tourism in the State, the Hon'ble Chief Minister has constituted a Eco-tourism Board consisting of three agencies namely a) Forest Department, Govt. of West Bengal, b) Tourism Department, Govt. of West Bengal & c) Department of Environment, Govt. of West Bengal. It was resolved that the Member Secretary will issue a letter to all Members of the Board for their concrete suggestions/ opinions on Eco-tourism Policy for incorporation.

Members raised the issue of large-scale vacancy position in the front level staff in the Forests Department. The Chairman asked the department to initiate a fresh proposal for filling up of the posts and assured of sympathetic consideration.

Agenda Item No. 3 :	To consider and approve the proposal submitted by The Power Grid Corporation of India Ltd., Jalpaiguri for 'Construction of 400 KV, Punatsangchu-I to Alipurduar transmission line (16.39 Ha.)' through Buxa Tiger Reserve.
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The Board approved the proposal submitted by the Power Grid Corporation of India Ltd., Jalpaiguri for 'Construction of 400 KV, Punatsangchu-I to Alipurduar transmission line (16.39 Ha.)' through Buxa Tiger Reserve after brief discussion.

Agenda Item No. 4 :	To consider and approve the proposal for regularization of 41 acres of forestland occupied by Indian Army since 1962, which falls within Jaldapara National Park.
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It was resolved in the meeting that the 41 acres of forestland occupied by Indian Army, which falls within Jaldapara National Park, be transferred to Indian Army in the national interest.

The Members of the Board asked the Member Secretary to approach the Indian army to provide equal measure of separable military land to the Forest Department in lie of the above said land.

Agenda Item No. 5 :	To consider and approve the proposal for construction of new 'Broad gauge Railway line by North Frontier Railway from Sevoke in West Bengal to Rongpo in Sikkim' passing through Mahananda Wildlife Sanctuary.
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After brief discussion the Board approved the proposal for construction of new 'Broad gauge Railway line by North Frontier Railway from Sevoke in West Bengal to Rongpo in Sikkim' passing through Mahananda Wildlife Sanctuary, subject to fulfillment of the condition as imposed by National Board for Wildlife i.e. establishment of Sanctuary under Wildlife (Protection) Act, 1972, at foreshore of Teesta Barrage Project.

Agenda Item No. 6 :	To consider and approve the proposal for setting up of a Sanctuary (under the provision of Wildlife (Protection) Act, 1972) in the lower Teesta basin.
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The Chief Conservator of Forests, Wildlife (North), West Bengal informed the Members that Irrigation Department, Govt. of West Bengal has submitted the land schedule of 32 sq. km. of identified land with maps to Forest Department, though NOC is yet to be received. The Board approved the proposal for creation of Wildlife Sanctuary/Conservation Reserve at Teesta Basin. Notification for the same shall be made on transfer of the land to Department of Forests, Govt. of West Bengal in pertaining to the decision made vide Agenda Item No. 5.



Wild Elephant

Pix-30

Agenda Item No. 7 :	To consider and approve the proposal for declaration of the District of Alipurduar as Buxa Biosphere Reserve.
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The Board gave its in principal approval to the proposal and asked the Forest Department to organize meetings involving local people, NGOs, institutions and other stakeholders to discuss and disseminate the concept of Biosphere Reserve to them.

Agenda Item No. 8 :	To consider and approve the proposal for establishment of a separate Forest Division as Wildlife (South) Division for Mayurjharna Elephant Reserve.
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Members appreciated and approved the proposal and asked the Member Secretary to move the Forest Department, Govt. of West Bengal for issuing Notification for its implementation.

Agenda Item No. 9 :	To consider and approve the proposal for acclimatization and acceleration of <i>in-situ</i> breeding of herbivores in Jambu Dwip island in Sundarban.
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The Board approved the proposal for acclimatization and acceleration of *in-situ* breeding of herbivores in Jambu Dwip island in Sundarban under the joint collaboration of the West Bengal Zoo Authority with a suggestion to maintain the number of spotted deer trans located in Jambu Dwip within its carrying capacity. The proposal for development of the island for ecotourism subsequently was also approved.

Agenda Item No. 10 :	To consider and approve the proposal for realignment of the core zone of the Buxa Tiger Reserve.
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The Board approved the proposal of realignment of core/buffer of the Buxa Tiger Reserve. It was resolved that the shifting of the villages from the core zone of the Buxa Tiger Reserve shall to be done with proper planning and consultations with stakeholders.

Agenda Item No. 11 :	To consider and approve the proposal for Establishment/ upgradation of regional zoos in each eco-region in the State.
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The Board noted and approved the proposal regarding establishment/ up gradation of regional zoos in the State.

Agenda Item No. 12 :	To consider and approve the constitution of Eco-tourism State Level Committee and other committees with regard to Hon'ble Supreme Court's Guidelines.
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The Board approved the proposal for constitution of Eco-tourism State Level Committee and other committees for finalization of State Eco-tourism Policy/Strategy for different protected areas in the State. The Committee shall work in tandem with the State Eco-tourism Board.

Agenda Item No. 13 :	To consider and approve the proposal for giving protection to the Forest Staff under Sec. 197 of CrPC Act, 1973.
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The Board approved the proposal of providing protection to all categories of forest staff under Sec. 197 of CrPC Act, 1973. Member Secretary was asked to initiate action in this regard on immediate basis. The proposal of engaging prosecutors by the forest divisions for speedy disposal of forests and wildlife cases was also approved.

Agenda Item No. 14 :	To consider and approve the proposal for Initiation of Wildlife Research/Survey in major PAs in West Bengal.
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The Board approved the proposal for Initiation of Wildlife Research/Survey in major PAs with establishments (as detailed below) in West Bengal. It was also resolved that fellowship/emoluments of researchers shall be governed by related rates approved by Department of Science and Technology, Govt. of West Bengal from time to time.

Sl. No.	Name of the Facilities	Facilities required/ needed in the unit	Manpower required	Name of the Scheme (CSS/SP)
1	Wildlife Research Cell, Office of the PCCF, WL & CWLW, WB	Researcher's Chambers, Computer sets with internet facility, access to e-journals, library, etc.	Senior Wildlife Biologist – 1 Wildlife Biologist - 1 Research Attendant- 2	SP – Nat. Cons.
2	Sundarban Research Station, Canning and Sajnekhali	Researcher's Chambers, Computer sets with internet facility, access to e-journals, library, etc.	Senior Wildlife Biologist – 1 Wildlife Biologist - 1 Research Attendant- 2	CSS- STR
3	Buxa Tiger Reserve Research Station, Damanpur/ Alipurduar (in the office of the FD/BTR)	Research Unit (researcher's chambers, computer set with internet facility, access to e-journals, library, etc.	Senior Wildlife Biologist –1 Wildlife Biologist - 1 Research Attendant-2	CSS- BTR
4	Singalila National Park Research Station, Darjeeling (in the office of the DFO, Darjeeling Wildlife Division.	Researcher's Chamber, Computer set with internet facility, access to e-journals, library etc.	Wildlife Biologist – 1 Research Attendant- 1	CSS- Singalila National Park and Senchal Wildlife Sanctuary.
5	Mahananda Wildlife Sanctuary Research Station, Sukna.	Researcher's Chamber, Computer set with internet facility, access to e-journals, library etc.	Wildlife Biologist – 1 Research Attendant- 1	CSS- Mahananda Wildlife Sanctuary.
6	Neora Valley National Park Research Station, Lava.	Researcher's Chamber, Computer set with internet facility, access to e-journals, library etc.	Wildlife Biologist – 1 Research Attendant- 1	CSS- Neora Valley National Park.
7	Gorumara National Park Research Station, Lataguri.	Researcher's Chamber, Computer set with internet facility, access to e-journals, library etc.	Wildlife Biologist – 1 Research Attendant- 1	CSS- Gorumara National Park & Chapramari Wildlife Sanctuary.
8	Jaldapara National Park Research Station, Madarihat.	Researcher's Chamber, Computer set with internet facility, access to e-journals, library etc.	Wildlife Biologist – 1 Research Attendant- 1	CSS- Jaldapara National Park.

Agenda Item No. 15 :	To consider and approve the proposal for Establishment of a specialized elephant healthcare facility at Lataguri in North Bengal.
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The Board Member approved the proposal for Establishment of a specialized elephant healthcare facility at a central location in North Bengal. It was also resolved that post of Elephant Specialist from the Department of Animal Resource Development to the Department of Forests, Govt. of West Bengal.

Agenda Item No. 16 : To consider and approve the proposal for setting up of a Wildlife Crime Control Unit / Cell at North Bengal and South Bengal.

The Board approved the proposal for setting up of Wildlife Crime Control Unit/Cell (as detailed below) in West Bengal.

West Bengal Wildlife Crime Control Co-ordination Committee

- | | |
|--|------------------|
| 1. The Principal Chief Conservator of Forests, Wildlife & Chief Wildlife Warden, West Bengal | Chairman |
| 2. The Addl. Principal Chief Conservator of Forests, North Bengal | Member |
| 3. The Addl. Principal Chief Conservator of Forests, Wildlife, West Bengal | Member-Secretary |
| 4. The Inspector General of Forests | Member |
| 5. The representative of the Customs Department | Member |
| 6. The representative of the Army | Member |
| 7. The representative of the Coast Guard..... | Member |
| 8. The representative of the Border Security Force | Member |
| 9. The representative of the CISF | Member |
| 10. The representative of the SSB | Member |
| 11. The representative of the WCCB | Member |
| 12. The representative of the Port Trust | Member |

West Bengal Wildlife Crime Control Unit – North Bengal

- | | |
|---|------------------|
| 1. The Addl. Principal Chief Conservator of Forests, North Bengal | Chairman |
| 2. The Dy. Inspector General, CID, State Police | Member |
| 3. The representative of the Border Security Force | Member |
| 4. The representative of the SSB | Member |
| 5. The representative of the CISF | Member |
| 6. The representative of the Army | Member |
| 7. The representative of the Customs Department | Member |
| 8. The representative of the WCCB | Member |
| 9. The Chief Conservator of Forests, Wildlife (North) | Member-Secretary |

West Bengal Wildlife Crime Control Unit – South Bengal

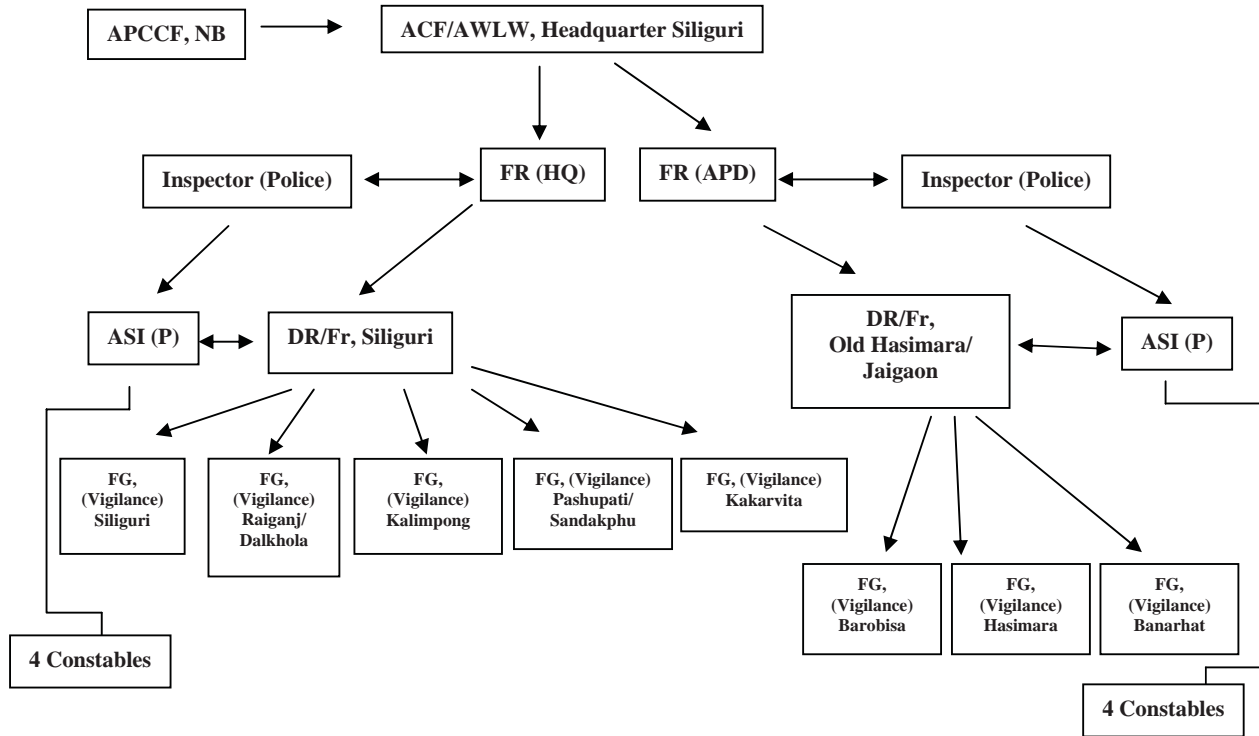
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|---|------------------|
| 1. The Addl. Principal Chief Conservator of Forests, Wildlife | Chairman |
| 2. The Dy. Inspector General, CID, State Police | Member |
| 3. The representative of the Border Security Force | Member |
| 4. The representative of the Coast Guard..... | Member |
| 5. The representative of the CISF | Member |
| 6. The representative of the Army | Member |
| 7. The representative of the Customs Department | Member |
| 8. The representative of the WCCB | Member |
| 9. The Chief Conservator of Forests, Wildlife (HQ) | Member-Secretary |



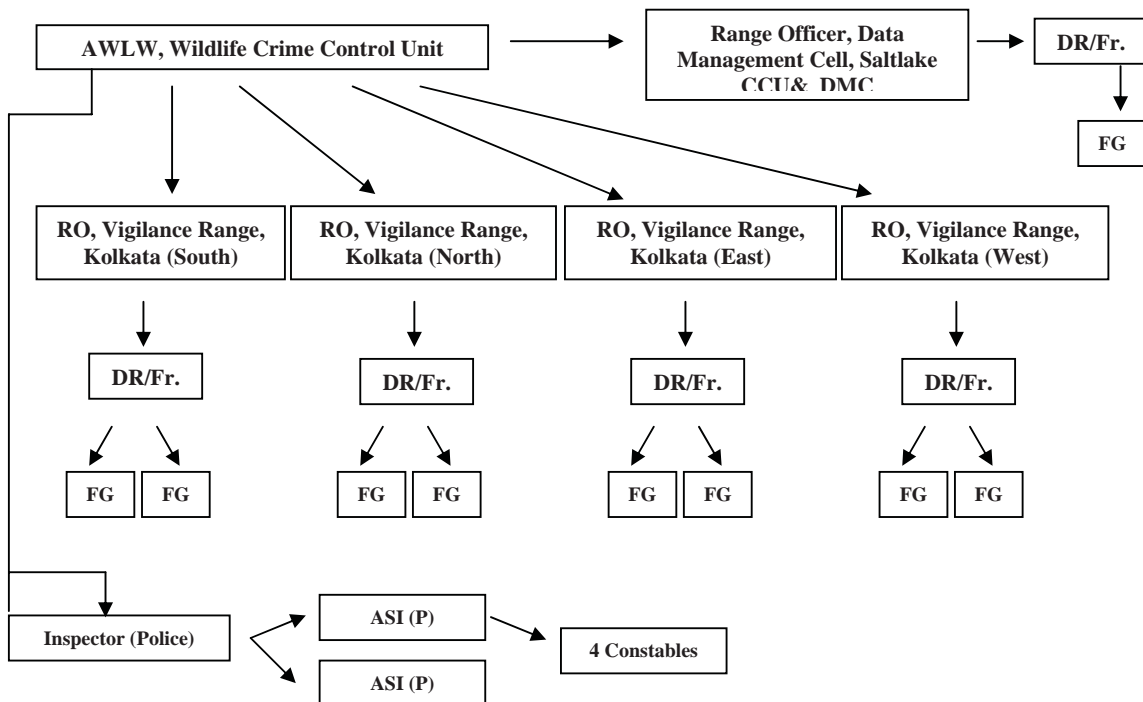
Man-Elephant Conflict in South West Bengal

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Wildlife Crime Control Cell – North Bengal



Wildlife Crime Control Cell – South Bengal



Agenda Item No. 17 :	Any other item/s with the permission of the Chair (Supplementary Agenda)
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Supplementary Agenda No. 1 : To consider and approve the establishment of Wildlife health/ Veterinary care unit/infrastructure in West Bengal.

The State Board for Wildlife approved the proposal (as detailed below) for establishment of Wildlife health/ Veterinary care unit/infrastructure in West Bengal.

Sl. No.	Name of the facility	Facility required in the unit	Man power required	Status/Remarks
1.	BTR Wildlife Health Care Centre, Rajabhatkhawa	Well-equipped Vet. Hospital & Vet. Van / ambulance	Vet. Officer - 1 Vet. Assistant - 1	Existing
2.	JaldaparaNP Veterinary Health Care Centre, Madarihat	- do -	- do -	- do -
3.	GorumaraVeterinary Health Care Centre, Lataguri	- do -	- do -	Post of Vet. Elephant Disease from ARD Deptt. to be transferred to Forest Department for the purpose
4.	N B Wild Animals Park Vet. Hospital, Siliguri	Well-equipped Vet. Hospital, Vet. Van / ambulance & Pathological Lab.	Vet. Off. (Dy. Dir.) – 1 Vet. Assistant – 1 Lab. Assistant - 1	Under West Bengal Zoo Authority
5.	PN. Him. Zoo Park Vet. Hospital, Darjeeling	Well-equipped Vet. Hospital & Vet. Van / ambulance	Vet. Officer - 1 Vet. Assistant - 1	Existing under West Bengal Zoo Authority
6.	Zoological Garden, Vet. Hospital, Alipore, (Kolkata)	Well-equipped Vet. Hospital, Vet. Van / ambulance & Pathological Lab.	Vet. Off. (Dy. Dir.) – 1 Vet. Officer – 1 Vet. Assistant – 2 Lab. Assistant - 1	Existing under West Bengal Zoo Authority
7.	STR Wildlife health care centre, Sajnekali	Well-equipped Vet. Hospital & Vet. Van / ambulance	Vet. Officer – 1 Vet. Assistant - 1	Existing
8.	Sunderban wild animals park, Jharkhali	- do -	- do -	Under West Bengal Zoo Authority
9.	Jhargram Zoo Vet. Hospital, Jhargram	- do -	- do -	- do -
10.	Burdwan Zoo, Burdwan	- do -	- do -	- do -

Supplementary Agenda No. 2 : To consider and approve the proposal for diversion of 38.10 ha. of forest land in favour of the North East Frontier Railway, Alipurduar under Buxa Tiger Reserve (West) for construction of New Broad Gauge Railway Line from Hasimara in India to Toribari in Bhutan.

The Board did not approve the proposal as the proposed construction will disrupt the connectivity/wild animal corridors and would be detrimental to wildlife and its habitat.

Additional information :

Shri Joydip Kundu, Member wanted to know the current status of his proposal regarding declaration of Mahananda Wildlife Sanctuary and Neora Valley National Park as Tiger Reserve.

It was informed that as per the guidelines of the NTCA, areas below 250 sq. km are not preferred for declaration as Tiger Reserve. Area of the Mahananda Wildlife Sanctuary is 158.04 sq. km. and Neora Valley National Park is 159.89 sq. Km. only and have not been proposed to be declared as Tiger Reserve. Hence, the proposal was not placed before the Members for discussion.

The meeting ended with a vote of thanks to the Chair.

Poaching of Rhino and Elephant during 2014-15 :

A total of 6 (six) Rhinos had been killed by poachers during 2014-15. The following incidents of poaching took place at the following Protected Areas.

➤ Jaldapara Wildlife Division –

- i) On 14.04.2014 : A Male Rhino was Poached at JP-5 Compartment, Jaldapara North Range.
- ii) On 11.08.2014: A male Rhino was poached at BD-6 Compartment , Kodalbasti Range.
- iii) On 14.08.2014 : A male Rhino was poached at JP-5 Compartment, Jaldapara North Range.
- iv) On 21.01.2015 : A male Rhino was poached at Mendabari – 4 Compartment , Chilapata Range.
- v) On 07.02.2015 : A female Rhino was poached at JP-5 compartment, Jaldapara West Range.

➤ Gorumara Wildlife Division –

- vi) On 16.10.14 : A sub-adult male Rhino was poached at Dhupjhora-1b compt.

Horns were not recovered in any of the above cases.

Three incidents of poaching of elephants had been occurred during this period in West Bengal.

- i) **18.12.2014** : A carcass of male tusker was detected at MKT-1 Comptt. of Marakhata Beat under South Rydak Range under Buxa Tiger Reserve (East). Both the tusks were found missing, trunk was separated from the body. A bullet was recovered from the area beneath the skull of the carcass. The death was a consequent to fire arm injury.
- ii) **20.03.2015** : A carcass of male tusker was detected at Nimati-6 Comptt. under Nimati Range under Buxa Tiger Reserve (West) Division. It is also a case of poaching and tusks have been taken away by the miscreants by chopping the frontal part of the head.
- iii) **22.03.2015** : A carcass of male tusker was found at Checko-4 Comptt. under Checko Beat of East Damanpur Range under Buxa Tiger Reserve (West) Division. The elephant died due to bullet (dart made of iron piece and bamboo stick) and tusk is pulled off. So there is no chopping sign at trunk region.



*Recovered Bullet from Elephant carcass at
Buxa Tiger Reserve*

Pix-32

Setting up of Wildlife Crime Control Cells in North and South Bengal

A proposal was submitted to the Principal Secretary, Forest Department, Govt. of West Bengal vide Memo No. 74/WL/2W-601/14 dated 07.01.15 in accordance with the advise of Wildlife Crime Control Bureau, MoEF, GOI vide their letter No. 10-27/WCCB/2014/Part-I/No.5-14/1801 dated 14.11.14 and Forest Department, letter No. 2547-For/FR/O/11M-35/14 dated 18.12.14 respectively in connection with setting up of “Wildlife Crime Control Unit” in West Bengal, especially at North Bengal and South Bengal in order to control poaching and illicit wildlife trafficking.

In this context, proposal of constitution of State level Inter-Agency Coordination Committee on combating wildlife crime in West Bengal along with formation of Wildlife Crime Control Cells in North and South Bengal was placed before the State Board for Wildlife for approval.

West Bengal State Board for Wildlife has approved the constitution of Wildlife Crime Control Cells in North and South Bengal in their 9th meeting on 10th February, 2015.



Tree-top Watch Tower (TONG) at Bishnupur (Bankura)

Pix-33

Proposal for Creation of Wildlife (South) Division in South Bengal

Every year Elephants (around 120–135 at present) migrate in the State of West Bengal from Dalma forest of Jharkhand. Normally these elephants enter in our state from the border of Jharkhand near Kankrajhore forest in the month of July and leave this state in the month of February/ March of next year. During their prolonged stay in this part of the state (more than 9 months) these elephants move around in the districts of Paschim Medinipur, Purba Medinipur, Bankura and Purulia.

For scientific management of these elephants Govt. of West Bengal issued a Notification Vide No. 3040-For. 11B-19/2000 dated Kolkata the 24th October, 2002 declaring 414 Sq. Km of forest area as “**Mayurjharna Elephant Reserve**” falling in the districts of Purulia, Bankura & Paschim Medinipur. Govt. of India gives assistance under centrally sponsored scheme – Elephant Project for management and development of the Elephant Reserve.



Musth Makna in Midnapore Forest

Pix-34

The high quality forest of Mayurjharna Elephant Reserve needs to be managed by a single Wildlife Division as against the fragmented current management practice in which three DFOs manage it, thus holistic approach has been lost. It will improve the quality of forest and will become a better elephant habitat as has been experienced in North Bengal where many protected areas carrying capacity has improved once they were brought in active wildlife management. A proposal to this effect had already been moved by Chief Wildlife Warden, West Bengal in the year 2006.

Now it was felt necessary to create a full-fledged Wildlife Division in South Bengal for managing Mayurjharna Elephant Reserve and also to deal with the extensive **Human-Elephant Conflicts** arising in this part of the state.

West Bengal State Board for Wildlife has approved the constitution of Wildlife (South) Division in their 9th meeting on 10th February, 2015 covering the Mayurjharna Elephant Reserve.

District	Division	Forest Area (in Sq. km.)
Purulia	Kangsabati (South)	156.12
Paschim Midnapore	Jhargram	214.40
Bankura	Bankura (South)	83.71
	Total	454.23

Three elephants killed due to train accident during 2014-15 :

Elephants are being killed by train accident reported frequently from across the country. In West Bengal also three elephants have been killed by the speeding train during 2014-15. On 01.07.14, two elephants died on the spot by the collision with Army Special Train near Madhu Tea Garden in between Kalchini and Hasimara Railway Station, Godamdabri Beat, Hamiltonganj Range, Buxa Tiger Reserve (West) Division. One elephant was also reportedly killed at Tejpal, Bishnupur, Bishnupur-I Beat, Bishnupur Range under Panchet Division which was collided with Goods Train on 23.12.14. During 2013-14, thirteen elephants were killed by collision with the train.



Wild Elephant Crossing Railway Line

Pix-35

Teesta Nature Conservancy (Bird Sanctuary) :

In consonance with Office Memorandum of the Ministry of Environment & Forests, Govt. of India vide Order No.J-12011/20/936-IA-IA.L dated 09.09.1994 direction had been given to notify and develop the foreshore area of Teesta Barrage as a Bird Sanctuary. Accordingly, the idea to create Teesta Nature Conservancy was taken up. An area of 43 sq KM (approx) has been identified for the purpose of developing the area as a habitat for migratory birds. The said matter is treated as an environmental obligation by Teesta Barrage authorities. An area of 1408.8979 Hectares will be considered for declaration of Teesta Conservation Reserve.



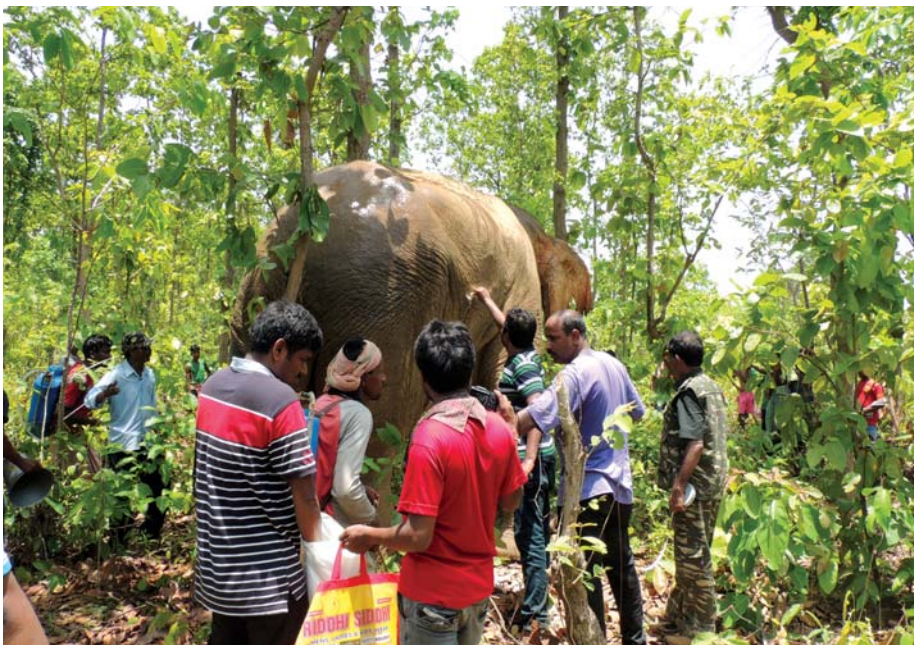
Yellow Breasted Bunting in Siliguri Wetland

Pix-36

Tranquilization and rescue of Wild Animal in West Bengal :

Wildlife administration in West Bengal is actively involved in rescue and rehabilitation of wild animals. From the straying incidences of tigers in the Sundarbans to the rescuing of Gangetic porpoises from the river-banks and relocation of wild animals from the urban set-up and returning them to their original habitat in the rightful wilderness, all constitute regular day-to-day activity of the Wildlife Wing of Forest Directorate in West Bengal.

To ameliorate the man-animal conflict in Kolkata, the Wildlife Wing maintains a rescue squad in the 'Transit Facility for the Rescued Wildlife' at Salt Lake in Kolkata. Other territorial / wildlife divisions also perform similar functions within their designated jurisdictions. The rescued animals are temporarily housed at the rescue centres and are subsequently rehabilitated to the wild after medical treatment.



Treatment of Wild Elephant at Medinipur

Pix-37



Treatment of Porcupine

Pix-38

The Wildlife Wing (HQ) of Forest Directorate, Govt. of West Bengal always render their help to control critical man-animal conflict situation in other division when required. Problem arising from Common Langur attack sometimes develop mass agitation in suburban areas. In several occasions, expert team from Wildlife (HQ) successfully captured problem Langur after tranquilization in Howrah and North 24-Parganas Division during 2014-15 and were able to subdue the agitation.

Expert from Wildlife (HQ) was also deputed for rescue of abundant elephant calf in Kharagpur Division during end of February 2015. The elephant calf was successfully tranquilized and rescued and sent to Jhargram Mini Zoo for necessary treatment and care.

In another incident help of tranquilizing team was short by the Animal Resources Development Department, Govt. of West Bengal for tranquilizing and capture of two problem Ox (bulls) which attack and injured several people near Krishnanagar area of Nadia District. Team from the Wildlife (HQ) safely tranquilized those bulls. Sending them to cattle pound for proper care and saved common people from the terror of attack.

Death of Radio-collared Tigress at Sundarbans :

A tigress which was captured in sick condition on 04.03.13, wilded in sajnekhali & Netidhopani and released on 15.08.14 in the wild after recovery of health condition and radio-collared, was found dead at Pirkhali-7 of SWLS Range under STR on 17.03.2015 and the same was disposed off at Netidhopani after following the protocols of the NTCA. The cause of death is generalized septicemia as per Post Mortem report.

Visit of dignitaries :

Hon'ble Chief Minister Smt. Mamata Banerjee visited different protected areas of West Bengal during 2014-15. His Excellency Governor of West Bengal Shri M. K. Narayanan visited different Protected Areas of North Bengal during 2014-15. Hon'ble Minister in-Charge, Forests and other Hon'ble MPs and MLAs of West Bengal also visited different PAs during 2014-15. High Level Committee of Bangladesh National visited North Bengal during 2014-15.



Hon'ble Chief Minister Smt. Mamata Banerjee at Hollong, Jaldapara National Park

Pix-39

Delegation of Power :

Power delegated to the Forest Officers under Wildlife (Protection) 1972 has been revised for this state and Notifications published accordingly.

Sl. No.	Notification No.	Revised power delegated to the officers Sec 4 & 5 under WL(D) Act, 1972 (as amended upto date)
1	2379-For/FR/O/11M-98/13 dated 25.11.2014	All territorial DCF and DFOs as ex-officio Wildlife Wardens.
2	2380-For/FR/O/11M-98/13 dated 25.11.2014	Chief Conservator of Forests/ Conservator of Forests as ex-officio Deputy Chief Wildlife Wardens.
3	2381-For/FR/O/11M-98/13 dated 25.11.2014	Addl. Principal Chief Conservator of Forests as ex-officio Additional Chief Wildlife Wardens.
4	2382-For/FR/O/11M-98/13 dated 25.11.2014	All territorial ADFOs as ex-officio Assistant Wildlife Wardens and all territorial Forest Rangers, DR/Fr., Forest Guards.

In this connection, a meeting of the Wildlife Wardens, West Bengal, held on 11.05.2015 in the Conference Hall of Office of the Principal Chief Conservator of Forests, Wildlife & Chief Wildlife Warden, West Bengal, Bikash Bhawan, 3rd Floor, Salt Lake, Kolkata. The PCCF, WL & CWLW mentioned that the Govt. orders regarding delegation of powers under the Wildlife (Protection) Act to the different level forest officers having territorial jurisdiction have been issued. The CWLW, West Bengal asked all the Wildlife Wardens to use different powers delegated to them with utmost care.



Workshop on delegation of power under Wildlife (Protection) Act, 1972

Pix-40

Sighting and rescue of rare animals in West Bengal during 2014-15 :

On 21.01.15 and 22.03.15 STRIPED HYENA was sighted at Baguidi monza under Kotshila Range and Matha Mouza under Matha Range respectively, under Purulia Division. Sighting of SLOTH BEAR was reported from Ghante mouza under Jhalda Range under Purulia Division. Direct sighting of TIGERS are reported on 19.10.14 at RTG-5 Comptt., Pana Range, on 29.10.14 at Pan-1 Comptt., East Rajabhatkhawa Range and 15.12.14 at Pan-4 Comptt., Pana Range in Buxa Tiger Reserve. LEOPARD CATS were frequently sighted at Buxa Tiger Reserve. DOLPHINS and FISHING CATS are regularly sighted in Sundarbans.



Himalayan Ghoral

Pix-41

Details of the animals rescued in West Bengal during the year 2014-15, are as follows :

Sl. No.	Species	Number	Sl. No.	Species	Number
1	Bird	961	20	Elephant	10
2	Snake	912	21	Rhino	1
3	Turtle	11128	22	Leopard	13
4	Tortoise	1260	23	Tiger	1
5	Monitor Lizard	74	24	Gaur	5
6	Jackal	22	25	Hyena	1
7	Monkey	84	26	Nilgai	2
8	Langur	196	27	Sambar	1
9	Jungle Cat	24	28	Barking Deer	19
10	Fishing Cat	9	29	Spotted Deer	10
11	Leopard Cat	5	30	Hog Deer	6
12	Civet	316	31	Crocodile	4
13	Hedge Hog	1	32	Dolphin	3
14	Porcupine	1	33	Otter	2
15	Pangolin	5	34	Wild Boar	3
16	Chameleon	30	35	Mongoose	9
17	Gecko	49	36	Bengal Fox	1
18	Badger	3	37	Indian Wolf	1
19	Squirrel	1	Total		15173



Rescue of Hawk

Pix-42



Rescue of Porcupine

Pix-43

Chapter 3 :

Conservation Schemes & Projects & Ecodevelopment Activities in West Bengal



Budget 2014-15 of Wildlife Wing

Scheme	Division	Target		District	
		Physical	Financial	Physical	Financial
State Plan	Wildlife (HQ)	Construction of RCC Jetty, anti-poaching Barrack etc., POL & Hiring charges of Vehicle, M.Boat, etc., Sinking of Deep Tubewell, Excavation of Sweet Water Pond, Purchase of Solar Street Light, Publicity & awareness programme, Supply of feed & Vet. care for captive animal, Maint. of Fencing, etc.	11194152.00	Construction of RCC Jetty, anti-poaching Barrack etc., POL & Hiring charges of Vehicle, M.Boat, etc., Sinking of Deep Tubewell, Excavation of Sweet Water Pond, Purchase of Solar Street Light, Publicity & awareness programme, Supply of feed & Vet. care for captive animal, Maint. of Fencing, etc.	10925285.00
	Darjeeling WL		23344612.00		23116340.00
	Gorumara WL		7976000.00		7976000.00
	Jaldapara WL		38915399.00		35911771.00
	Buxa Tiger Reserve (East)		14017188.00		13690296.00
	Buxa Tiger Reserve (West)		10134249.00		9611726.00
	24-Parganas (South)		24329800.00		23275924.00
	24-Parganas (North)		1000000.00		1000000.00
	Sundarban Tiger Reserve		7318200.00		3189313.00
	Total-SP				138229600.00
Centrally Sponsored Schemes	Wildlife (HQ)	Plantation, Payment of compensation, Creation of Protection Camp, Earthen Dam, Search light, Batteries, fire crackers, etc. & Engagement of skilled labourers for elephant depredation, operating cost of wildlife squads	250000.00	Plantation, Payment of compensation, Creation of Protection Camp, Earthen Dam, Search light, Batteries, fire crackers, etc. & Engagement of skilled labourers for elephant depredation, operating cost of wildlife squads	150000.00
	Darjeeling WL		5191236.00		5131569.00
	Gorumara WL		7829100.00		5598100.00
	Jaldapara WL		3763400.00		3763400.00
	Buxa Tiger Reserve (East)		11932500.00		10910991.00
	Buxa Tiger Reserve (West)		11861000.00		10676626.00
	Darjeeling Forest Division		10147346.00		1047700.00
	Kurseong Division		934700.00		34700.00
	Jalpaiguri Division		470000.00		470000.00
	24-Parganas (South)		19156189.00		18542662.00
	Sundarban Tiger Reserve		49117250.00		36135381.00
	Baikunthapur Division		260000.00		260000.00
	Raiganj Division		350000.00		350000.00
	Jhargram Division		379000.00		379000.00
	Kharagpur Division		370000.00		370000.00
	Panchet Division		772400.00		772400.00
	Medinipur Division		240000.00		240000.00
	Purulia Division		589000.00		589000.00
	Nadia-Murshidabad Division		50000.00		50000.00
	Bankura (North) Division		510000.00		510000.00
Bankura (South) Division	50000.00	50000.00			
Total-CSS		124223121.00		96031529.00	
FDA	Darjeeling WL	Plantation works, Awareness and active association in protection against poaching and illicit felling of timber, Establishment and management of decentralised nurseries, etc.	19000	Plantation works, Awareness and active association in protection against poaching and illicit felling of timber, Establishment and management of decentralised nurseries, etc.	19000
	Total-FDA				19000
RKVY/SFDA	Buxa Tiger Reserve (East)	Soil & water conservation, Plantations, Organizing Training programme, Various eco-development activities in fringe villages, etc.	544000.00	Soil & water conservation, Plantations, Organizing Training programme, Various eco-development activities in fringe villages, etc.	433751.00
	24-Parganas (South)		2453630.00		2453680.00
	Total-RKVY				2997630.00
MGNREGS	24-Parganas (South)	Raising seedlings for nursery, Improvement of stocking of old plantation, Const. of pond, Const. of waterhole, Improvement of Road, Const. of sausage work, Const. of Pucca Jampoi, etc.	16679014.00	Raising seedlings for nursery, Improvement of stocking of old plantation, Const. of pond, Const. of waterhole, Improvement of Road, Const. of sausage work, Const. of Pucca Jampoi, etc.	16679014.00
	24-Parganas (North)		1788981.00		1622076.00
	Total-NREGS				18467995.00

Budget 2014-15 of Wildlife Wing

Scheme	Division	Target		District	
		Physical	Financial	Physical	Financial
Tiger Conservation Foundation Trust	Buxa Tiger Reserve (East)	Various Development works in Sundarban and Buxa Tiger Reserve	15672781.00	Various Development works in Sundarban and Buxa Tiger Reserve	13660934.00
	24-Parganas (South)		7508419.00		7360925.00
	Total-TCFT		15672781.00		13660934.00
13th Finance Commission	Gorumara WL	Afforestation and regeneration, habitat improvement, infra-structure maintenance and development, reduction of man-animal conflict, etc.	12166470.00	Afforestation and regeneration, habitat improvement, infra-structure maintenance and development, reduction of man-animal conflict, etc.	12166470.00
	Buxa Tiger Reserve (East)		3995000.00		3884239.00
	Sundarban Tiger Reserve		4796000.00		4796000.00
	Total-13thFC		20957470.00		20846709.00
CAMPA	Darjeeling WL	Habitat improvement, etc.	1738900.00	Habitat improvement, etc.	257600.00
	24-Parganas (South)		613160.00		613160.00
	Total-CAMPA		2352060.00		870760.00
RIDF	Darjeeling WL	Watershed development, Plantation, Nursery, etc.	17107000.00	Watershed development, Plantation, Nursery, etc.	
	Gorumara WL		12521750.00		12521429.00
	Buxa Tiger Reserve (West)		4092000.00		3952736.00
	Total-RIDF		33720750.00		16474165.00
Geetanjali	Darjeeling WL	Housing for economically weaker section	20582000.00	Housing for economically weaker section	18593300.00
	Gorumara WL		16800000.00		11802361.00
	Jaldapara WL		22200000.00		13056112.00
	Sundarban Tiger Reserve		36439200.00		33868800.00
	Total-Geetanjali		96021200.00		77320573.00
IFM	Darjeeling WL	Plantation, Nursery, etc.	23595.00	Plantation, Nursery, etc.	
	Gorumara WL		159250.00		159250.00
	Buxa Tiger Reserve (West)		344500.00		344500.00
	Total-IFM		527345.00		503750.00



Blue Crab at Sundarban

Pix-45

Major Eco-Development & other activities of Wildlife Wing, during 2014-15

A Plantation

- 1 Plantation work (Creation)
- 2 Plantation work (Maintenance)
- 3 Plantation work (Advance work)
- 4 Canopy opening



Grass Fodder Plantation at Buxa **Pix-46**

B Road & Bridges

- 1 Construction of Road
- 2 Maintenance of Road
- 4 Construction of bridge
- 5 Construction of RCC bridge
- 6 Improvement of Patrolling Path
- 7 Vented causeway constructed through hume pipe
- 8 Repair and maintenance of kuccha road
- 9 Construction of culvert

C Water & Soil Moisture Conservation Structures

- 1 Creation & maintenance of Wallow pool
- 2 Creation & maintenance of Pond
- 3 Digging of ringwell
- 4 Construction of Bore well
- 5 Construction of boulder/sausage structure for road/embankment protection
- 6 Construction of Water drain
- 7 Construction of water harvesting structure
- 8 Construction of earthen embankment
- 9 Construction of water storage
- 10 Creation of waterholes
- 11 Desilting of waterholes
- 12 Digging of minor irrigation shallow / dugwell



Fodder Plantation at Buxa **Pix-47**

D Protection Works

- 1 Creation of firelines
- 2 Creation of observation line
- 3 Maintenance of firelines
- 4 Improvement of observation point
- 5 Development of glade
- 6 Creation of salt lick
- 7 Supply of micro nutrient at salt lick
- 8 Construction of boundary pillars



Salt Lick at Jaldapara

Pix-48

- 9 Improvement of protection camp
- 10 Construction of protection wall
- 11 Erection of Power Fencing
- 12 Chain link fencing with RCC Pillar
- 13 Solar panel for anti-poaching Camps & Barracks
- 14 Construction of watch tower
- 15 Cleaning of bushes
- 16 Construction of Hand packed wall
- 17 Construction of Pallisade wall
- 18 Making of iron cage for transportation of wild animal
- 19 Maintenance of anti-straying barricade
- 20 Hiring of mechanized boat
- 21 Purchase of solar lights & batteries



Power Fencing at Bankura (Barjora)

Pix-49

- 22 Hiring of patrolling boats
- 23 Hiring tow launches
- 24 Purchase of solar plates for field camp
- 25 Construction of jetty
- 26 Repairs of jetties
- 27 Petty repairs of accommodation boats
- 28 Nylon net fencing on village forest interface
- 29 Maintenance of nylon net fencing



Construction of Jetty, Sundarban

Pix-50

- 30 Purchase of launch for patrolling purpose
- 31 Establishment of floating check posts
- 32 Establishment of protection camp

- 33 Renovation of watch tower
- 34 Compound fencing maintenance
- 35 Compound fencing erection
- 36 Iron rod fencing
- 37 Construction of Brick pavement
- 38 Construction of Irrigation channel
- 40 Creation of fire watcher



Watch Tower, Mendabari

Pix-51

- 41 Laying of pugmarks impression pad for continuous monitoring of tigers & co-predators and other animals

E Eco-development Activities

- 1 Drinking water facilities for EDC villagers
- 2 Equipment for cottage industries under eco-development activity
- 3 Providing bee keeping materials for apiculture among EDCs
- 4 Distribution of high yielding Milch Cows among EDCs
- 5 Distribution of cooking gas to EDC members
- 6 Supply of horticulture seedlings to villagers



Brick Path, Sundarban

Pix-52

- 7 Construction of low cost toilet in EDC villages
- 8 Installation of pump set in fringe villages
- 9 Supply of sal plate stitching machines
- 10 Supply of paddy thrasher machines
- 11 Construction of sales centre for FPC/EDC
- 12 Construction of training unit centre
- 13 Construction of jompoi
- 14 Sinking of deep tube wells
- 15 Renovation of village schools
- 16 Construction of sanitary latrine



Sinking of Deep Tube Well, Sundarban

Pix-53

- 17 Repair/reconstruction of damaged forest village huts
- 18 Construction of community halls
- 19 Organising Medical camp
- 20 Organising Vaccination camp
- 21 Distribution of saline resistant paddy seeds
- 22 FPC and SHG training
- 23 Purchase of Power tiller
- 24 Development of Eco Centre



SHG Meeting, Sundarban Biosphere Reserve

Pix-54

F Buildings

- 1 Construction of building
- 2 Construction of barrack
- 3 Petty repairs to buildings

G Awareness Programmes

Awareness of general public through tourism, setting up hoarding, distribution of posters and hand bills, organizing Nature Camps, street drama, Quiz contest, Sit & Draw in connection with Wildlife Day, cartoon contest among students and cartoon exhibition, display of publicity material, etc. has been done.



Awareness in Kolkata to Stop illegal trade on Wildlife

Pix-55

Chapter 4 : Eco-tourism



Eco-tourism

List of Forest Rest Houses under Wildlife Wing

Sl. No.	Name of FRH	Booking done by	Contact details
1	Buxaduar	Buxa Tiger Reserve East Division	03564-256005
2	Jainty Annex II		
3	Hatipota		
4	South Rydak		
5	Silbungalow		
6	Kumar gram		
7	Rajabhathkawa Main	Buxa Tiger Reserve West Division	03564-255129
8	Leo House, Rvk.		
9	Raimatang		
10	Rangamati		
11	Nimati		
12	Ban Mayuri	Range Officer, West Damanpur Range	9734115144 / 9800264388 / 9933675008
13	Sukna FRH	Darjeeling WL Division	0354-2257314
14	Sukna ANNEX		
15	Latpancher FRH		
16	Rambi FRH		
17	Sandakphu FRH		
18	Gorumara FRH	Gorumara WL Division	03561-220017 03561-222233 (Fax)
19	Chapramari FRH		
20	Chilapata FRH	Jaldapara WL Division	03582-227185
21	Kodalbasti FRH		
22	Nilpara FRH		
23	Kunjanagar Eco Cottage		
24	Mendabari Jungle Camp		
25	South Khairbari Eco-Cottage		
26	Lankapara FRH	WBTD (online) & Jaldapara WL Division	
27	Hollong Tourist Lodge		
28	Parmadan FRH	24-Parganas (North)	033-25520968
29	Bakkhali FRH	24-Parganas (South)	033-24799032
30	Namkhana FRH		
31	Golghar Bonnie Camp		



Eco-tourism Camping Facility at Nimati

Pix-57



Bichabhanga

Pix-58



Mendabari Jungle Camp

Pix-59



Hollong Tourist Lodge

Pix-60



Gorumara Rhino Camp, Ramsai

Pix-61



*Forest Rest House in Sandakphu,
Singalila National Park*

Pix-62



Dhupjhora

Pix-63



Festival of Tribal Forest Village

Pix-64



Tiger Lodge at Rajabhatkhawa, Buxa

Pix-65



Tribal Dance (Rava) Forest Village

Pix-66

Buxa Tiger Reserve (BTR), the only tiger reserve in the whole of Khangchendzonga circuit is an important biodiversity hotspot situated between Bhutan Himalayas and the riverine plains of Assam surrounded by Tea Gardens and green villages.

BTR was constituted in the year 1983, and became the 15th Tiger Reserve of the Country. The total area of the Reserve is 760.87 km². Jainty is situated on the bank of river Jainty, the scenic view is mind boggling. The place has a rich variety of flora and fauna. From the colourful migratory birds to the fierce predators, it is the home to a varied species of animals and unique plants.

Get a glimpse of the Asian Elephant, Tiger, Gaur, Wild Boar, Sambar, Leopard Cat, Leopard, Indian Civet, Palm Civet, Wild Dogs, Malayan Giant Squirrels, Mongooses, Regal Python, Chinese Pangolin, Hispid Hare, Hog Deer, Barking Deer, etc. Many of the animals are endangered species while some are endemic to the region.

Buxa Duar – Historical ruins of Buxa Fort is also a major attraction. The fort is about 3 Kms from the nearest road head. The trekking to fort passes through virgin forested hills and is full of scenic beauty.

Mahakal Cave – This ancient Lord Shiva's pilgrimage site lies in Bhutan. Every year thousands of pilgrims visit this place.

Jainty Forest Rest House

The forest rest house, popularly known as Jainty Forest Bungalow was established in the British era during 1910. Initially it was a one room wooden bungalow that provided support to the forest functionaries. In 1983 the forest of Buxa was declared as Tiger Reserve and with this change in the status of Buxa Forest, the bungalow also underwent a moderate restructuring into a 2 room FRH during mid nineties. Subsequently with the pressure of greater delegation & mobilization of forest



Jainty Forest Rest House

Pix-67

personnel it was further converted into a 3 room FRH during 2009-10. Unfortunately during 2012 the heritage bungalow was destroyed by an accidental fire due to short circuit. In 2014 the Govt. actively considered for reconstruction of the rest house at BTR and 4 room Forest Rest House was rebuilt at the cost of Rs. 60 lakhs. The bungalow overlooks the Jainty river, which is geographical partition between the Bhutan hills and the Indian mainland, located in beautiful scenic surrounding. Benefits which will be generated through eco-tourism, to be utilised for the development of local community (JFMC) through Buxa Tiger Conservation Foundation Trust.



Car Safari at Jaldapara

Pix-68

Tourist visits during 2014-15 :

Name of Eco-tourism site (PA / Zoo / Eco-Park / NIC, etc.)	Number of tourists visited during 2013-14		Revenue earned (in Rs.)
	Indian	Foreigner	
Singhalila National Park	8726	1732	1492320.00
Mahananda Wildlife Sanctuary	3983	21	151700.00
Nature Interpretation Centre, Sukna	1033	34	36540.00
Eco-tourism, Senchal Wildlife Sanctuary	968		271278.00
Buxa Tiger Reserve (West) Division	50900	34	4966603.00
South Khairbari Eco-Park	47357		496843.00
Elephant Riding-Jaldapara	9118	277	553065.00
Car Safari+Student-Jaldapara	27123	192	1345281.00
Trolley Line	2807		143082.00
Day visit+Student	5603	1	278941.00
Kunjanagar Eco Park	89098		1754957.00
Kodalbasti Car Safari	671	9	367470.00
Kodalbasti Elephant riding	311	21	965800.00
Chilapata Jungle Safari	6515	18	394500.00
Nilpara Eco Cottage	16		5000.00
Jaldapara National Park	4682	19	284743.00
Lataguri Eco-tourism	37579	324	1583850.00
Kulik Santuary	17297		717080.00
Rasik Beel	18980		94900.00
Rasomati Eco Park	5080		79615.00
Kholta Eco Park	53222		266110.00
Tekonia Eco Park	19400		97000.00
Dhupjhora Elephant Camp	2848	51	389880.00
Kalipur Eco-Village	1661	12	225600.00
Rhino Camp at Gorumara	1234	2	165600.00
Horn Bill Nest	350		43605.00
Panjhora Wilderness Camp	948		98280.00
Murti Cottage	282		286820.00
Mouchuki	317		32370.00
Murti Tent	167		16335.00
Neora Valley National Park (Lower Noera Range).	451		12480.00
Neora Valley National Park (Upper Noera Range)	1867	23	40413.00
Gorumara National Park (Day Visitors)	43573	80	1072422.00
Chapramari Wildlife Sanctuary (Day visitors)	10194	4	183636.00
Ramnabagan Mini Zoo, Burdwan	114610		560300.00
NIC, Birbhum	1500	25	286385.00
Bethuadahari Wildlife Sanctuary	69340		693436.00
Jhalda, Matha & Ajodhya	831		2158002.00
Sundarban Tiger Reserve	171962	3711	18287700.00
Raidighi	17546		1688940.00
Ramganga	2229		313710.00
Matla	8636		720830.00
Baruipur	12863		379650.00
AFR, 24-Pgns(S)	668		225920.00
Bhagabatpur	29153		287546.00
Bibhutibhushan Wildlife Sanctuary	17795		1161185.00
Total	921494	6590	45677723.00

Rates of entry fees, accommodation charges, facilities and other charges:

RATES OF ENTRY FEES, ACCOMMODATION CHARGES ETC. IN ALL PROTECTED AREAS, NATURE PARK AND ECO-TOURISM SPOTS EFFECTIVE FROM 01/10/2013 IN WEST BENGAL				
Sl. No.	Location	Item	Rate (Normal)	Rate (Online)
1.	Entry Fee (Age > 5 yrs .) (Children of Age less than 5 yrs FREE) * Same rates are applicable for foreigners			
	For All Protected Areas	(a) Adults	60.00	100.00
		(b) Student (In group of minimum 20 students with application form head of the institution)	10.00	-
		(c) Foreigner	200.00	300.00
2.	Entry Fees for Vehicles (only petrol driven vehicles will be allowed)			
	For All Centres	Light Vehicle/Medium	250.00	-
3.	Car Parking (for Picnic spots only)			
	For All Centres	(a) Two Wheeler	10.00	
		(b) Light Vehicle/Medium	50.00	
		(c) Heavy Vehicle	250.00	
4.	Picnic Spot Charge			
	For All Centres	(a) Picnic Spot & Charge for Infrastructure (Per Spot) Incl. Cleaning Services + Drinking Water Supply	5.00 (per head)	
		(b) Temporary Shed & Charge for Infrastructure / Per Shed	200.00	
5.	Boating Charge (if provided)			
	For All Centres	Boating (20 Minutes/Per head)	50.00	
6.	Elephant Ride / Bullock Cart Ride			
	For All Protected Areas	Bullock cart ride - per cart per person	100.00	
		Elephant Ride Per Head	600.00	800.00
		For foreigner	1000.00	1500.00
7.	Water Craft			
	For Sundarban Biosphere Reserve	Luxury Watercraft (Any craft with AC facilities) (per trip) (for more than 30 persons)	5000.00	
		Launch (per trip)	600.00	
		Bhatbhati / Motor boat	350.00	
8.	BLC			
	For Sundarban Biosphere Reserve	Launch (For BLC Registration)	1000.00	
		Motor Boat (For BLC Registration)	450.00	
9.	Guide Charges			
	For North Bengal		200.00	350.00 for certified guide
	For Sundarban Biosphere Reserve & South Bengal		350.00	500.00 for certified guide
	Entry fee for vehicle and person shall be charged separately for dedicated guides retention annual charges		15000.00	
	Elephant Camp visit per person	For indian	50.00	
		For foreigner	200.00	
	Safari ride	Per person	100.00	

**RATES OF ENTRY FEES, ACCOMMODATION CHARGES ETC. IN ALL PROTECTED AREAS, NATURE PARK AND
ECO-TOURISM SPOTS EFFECTIVE FROM 01/10/2013 IN WEST BENGAL**

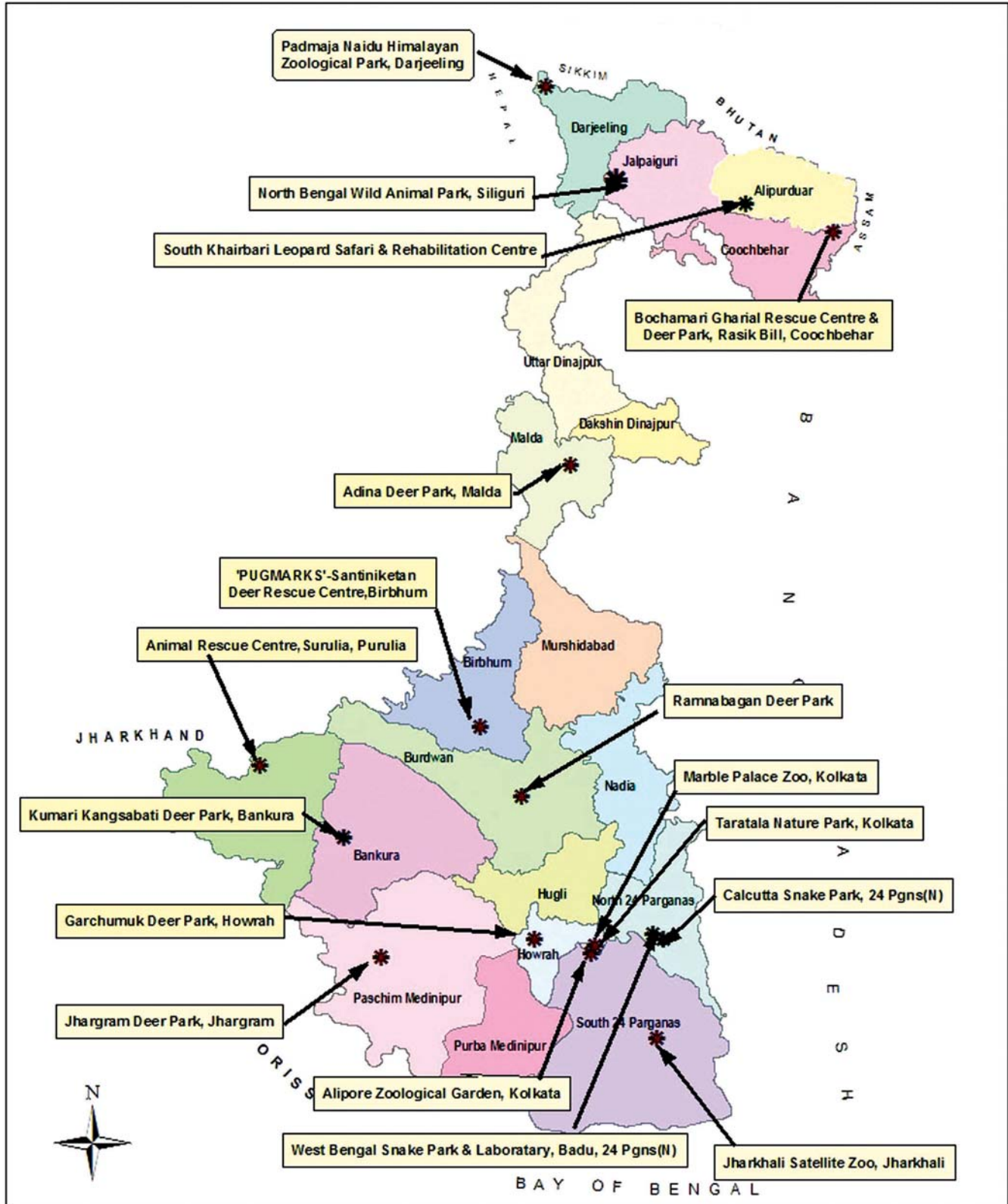
Sl. No.	Location	Item	Rate (Normal)	Rate (Online)
10.	Fees for Shooting			
	For All Protected Areas	(a) Fees for entry of vehicles to the protected areas or the Forest Rest Houses and its premises for Feature Film, shooting Documentary Film making etc. per Vehicle / day	2000.00	
		(b) Camera Charges		
		(i) Documentary Film per Camera / Day		
		1. Govt. Sponsored	2000.00	
		2. Private	10000.00	
		(ii) Television Serial per Camera / Day / Feature Film		
		1. Govt. Sponsored	3000.00	
		2. Private	25000.00	

Chapter 5 : Zoos in West Bengal

Torsa River, Steppe Eagles at C.C. Line, Kodalbasti



Location of Zoos & Rescue Centres in West Bengal



Recognition Status of Rescue Centres /Deer Park / Zoos in West Bengal

Sl. No.	Name	Division / District	Status	CZA's letter no.
1.	Padmaja Naidu Himalayan Zoological Park	Darjeeling Division	Recognized upto 31.07.2015	19-20/92-CZA(325)(Vol. IV) (M)-186, dt. 13.07.2011
2.	North Bengal Wild Animal Park, Siliguri	Jalpaiguri	Relocation of Kunjanagar Eco-Park, Jalpaiguri to North Bengal Wild Animal Park, Siliguri approved by the CZA	For.Deptt., Govt. of WB's Letter No. 2372-For/O/ N/11-M-71/2013 dt. 21.11.14 & CZA F.No.22-64/2004-CZA(461) (AK)/7287, dt. 10.06.2015
3.	South Khairbari Leopard Safari & Rehabilitation Centre, Coochbehar	Jaldapara Wildlife Division	Recognized upto 30.09.2015	F.No. 22-63/2004-CZA(462) (M)/3635 dt.26.09.2013
4.	Bochamari Gharial Rescue Centre and Deer Park/ Rasik Beel	Coochbehar Division	Recognized upto 31.10.2014	F.No.22-88/2004-CZA(499) (M)/2615, dt.12.04.2013
5.	Animal Rescue Centre, Surulia	Kangsabati (North) Division	Recognized upto 31.12.2015	F.No.22-71/2004- CZA(457) (M)/1959 dt.31.12.2012
6.	Adina Deer Park, Adina, Malda	Malda Division	Recognized upto 31.03.2009	F.No.22-49/04-CZA(489)(M), dt.21.02.2007
7.	Ramnabagan Deer Park	Burdwan Division	Recognized upto 31.12.2015	F.No. 23-67/2004-CZA(473) (M)/1961, dt.31.12.2012
8.	Kumari Kangsabati Deer Park, Bonpakuria, Bankura	Bankura (South) Division	Recognized upto 30.04.2016	F.No.19-224/93-CZA(322) (M)/4612, dt.09.04.2014
9.	West Bengal Snake Park & Laboratory, Badu (Private)	24-Parganas (North) Division	Recognized upto 31.08.2013	F.No. 19-66/93-CZA (313)(M), dt.11.08.2008
10.	Garchumuk Deer Park	Howrah Division	Recognized upto 31.12.2015	F.No. 23-3/97-CZA (382) (M)/2828, dt.16.05.2013
11.	Pugmarks – pfa. Santiniketan Rescue Centre (Private)	Birbhum	Recognized upto 31.12.2015	F.No.22-2/2005-CZA (494)(M), dt.31.12.2012
12.	Alipore Zoological Garden, Kolkata	Kolkata	Recognized upto 31.07.2015	F.No.19-45/92-CZA (328) (Vol. IV) (M), dt.23.07.2010
13.	Marble Palace Zoo (Private)	Kolkata	Recognized upto 30.04.2015	19-81/93-CZA(316)(M)/4622, dt. 09.04.2014
14.	Calcutta Snake Park (Private)	24-Parganas (North)	Recognized upto 30.04.2013	F.No.19-59/93- CZA(314)(Vol-III)(M), dt. 13.04.2011
15.	Jhargram Mini Zoo	Jhargram Division	Recognized upto 31.01.2017	F.No.19-204/93-CZA(321) (Vol.I)(M)/4101 dt. 07.01.2014
16.	Nature Park, Taratola Road, Kolkata (Private)	Kolkata	Recognized upto 30.04.2015	F.No.22-54/2004-CZA(493) (M)/4621 dt. 09.04.2014
17.	Jharkhali Satellite Zoo	24-Parganas (South) Division	Approval of CZA to act as a satellite facility for the Alipore zoo	F.No.19-45/92-CZA(328)(Vol. IV)(M) dt. 10.02.2010
18.	Wild Animal Transit facility, Saltlake, Kolkata	Kolkata	Does not required recognition from CZA as the Centre is used for Transit facility of wild animals	F.No. 22-52/2004-CZA(490) (M), dt.16.05.2008 & this office No. 1457/WL/2W-266/08 dt. 09.05.08

Information on Zoos in West Bengal during 2014-15

Ramnabagan Mini Zoo, Burdwan (Inventory as on 31.03.2015)

Species	Male	Female	Unsexed	Total
Rosy Pelican	1	1	-	2
Adjutant Stork	1	-	-	1
Spotted Deer	28	36	-	64
Chowsinga	1	-	-	1
Pea-fowl	1	5	-	6
Sloth Bear	1	1	-	2
Crocodile	1	-	-	1
Rhesus Monkey	2	5	-	7
Bonnet Monkey	-	1	-	1
Owl	-	-	1	1
Bazas	-	-	6	6
Star Tortoise	-	-	18	18
Parakeets	-	-	8	8

Deul Enclosure, Burdwan (Inventory as on 31.03.2015)

Species	Male	Female	Fawn	Total
Spotted Deer	20	32	3	55

Kumari Kangsabati Deer Park, Bonpukuria (Inventory as on 31.03.2015)

SI. No.	Species	Male	Female	Unsexed	Total
1.	Spotted Deer	14	24	12	50

Marble Palace Zoo (Inventory as on 31.03.2015)

SI. No.	Species	Male	Female	Unsexed	Total
1	Birds	77	89	2	168
2	Four horned Antelope	4	3	0	7
3	Common Langur	1	1	0	2
4	Rhesus Macaque	1	1	0	2
5	Stump Tailed Macaque	1	1	0	2
6	Bengal Porcupine	1	1	0	2
7	Giant Malabar / Indian Squirrel	2	3	0	5
8	Barking Deer	7	7	0	14
9	Spotted Deer	3	6	0	9
10	Star Tortoise	1	1	0	2

Rasikbeel Mini Zoo (Inventory as on 31.03.2015)

SI. No.	Species	Age (approx) & Sex	Acquired / procured from	Purpose
				Display / rescue / treatment / transit, etc.
1.	Peahen-7 Nos.	M-3, F-4	Various locations within Cooch Behar District	Rescue/Transit.
2.	Leopard-4 Nos.	F-4		
3.	Python-2 Nos.	U-2		
4.	Gharial-7 Nos.	M-2, F-5.		
5.	Spotted Deer-66 Nos.	M-33, F33		
6.	Sambar-6 Nos.	M-3, F-3		

Jhargram Mini Zoo (Inventory as on 31.03.2015)

Sl. No.	Species	Sex	Acquired / procured from (Source)	Purpose
				Display / rescue / treatment / transit, etc.
1	Indian Peacock	Male	Jhargram Divn.	Display
2	Fishing Cat	Male	Kharagpur Divn.	-do-
3	Indian Python	Undetected	Kharagpur Divn.	-do-
4	Monitor Lizard	Undetected	Kharagpur Divn.	-do-
5	Crocodile	Undetected	Kharagpur Divn.	-do-
6	Spectacled Cobra	Undetected	Kharagpur Divn.	-do-
7	Monocellate Cobra	Undetected	Kharagpur Divn.	-do-
8	Russell's Viper	Undetected	Jhargram Divn.	-do-
9	Tokay Gecko	Undetected	Kharagpur Divn.	-do-
10	Kaleej Pheasant	Male-1, Female-1		-do-
11	Golden Pheasant	Male		-do-
12	Red jungle fowl	Female		-do-
13	Hawk	Female	Not known	-do-
14	White Rumped Vulture	Female	Jhargram Divn.	-do-
15	Lesser adjutant stork	Undetected	Haldia Range	-do-
16	Red breasted Pheasant	Undetected		-do-
17	Alexandrine Parakeet	Undetected	Wild animal rescue & transit facility centre, Salt Lake, Kolkata	-do-
18	Rose ringed Parakeet	Undetected		-do-
19	Exotic Parakeet	Undetected		-do-
20	Hill Myna	Undetected		-do-
21	Black headed Munia	Undetected		-do-
22	Spotted Munia	Undetected		-do-
23	Finch	Undetected		-do-
24	Cockatiel	Undetected		-do-
25	Malabar Pied Hornbill	Undetected		-do-
26	Spotted Deer	Undetected	Jhargram Divn.	-do-
27	Rhesus macaque	Male-4 Female-2	Not known	-do-
28	Common langur	Male-3 Female-2		-do-
29	Jungle cat		Jhargram Divn.	-do-
30	Bengal Fox	Male-1 Female-1		-do-
31	Indian Porcupine		Jhargram Divn.	-do-
32	Indian wolf	Male-1 Female-3	Jhargram Divn.	-do-
33	Striped Hyena	Male-1 Female-1	Kharagpur Divn.	-do-
34	Common Palm Civet	Female		-do-
35	Nilgai	Female	Birbhum Divn.	-do-
36	Asian elephant (Calf)	Female	Kharagpur Divn.	-do-
37	Star Tortoise	Undetected	Wild animal rescue & transit facility centre, Salt Lake, Kolkata	-do-
38	Spotted pond turtle	Undetected		-do-
39	Tricarinate Hill Turtle	Undetected		-do-
40	Indian soft shell turtle	Undetected		-do-
41	Sloth bear	Female	Jhargram Divn.	-do-
42	Emu			-do-

Jhargram Mini Zoo (Inventory as on 31.03.2015)

Sl. No.	Species	Number	Acquired / procured from (Source)	Purpose
				Display / rescue / treatment / transit, etc.
1	Spotted Deer	106 Nos.	Acquired	Display
2	Black Buck	1 No.	Acquired	-do-
3	Peacock	4 Nos.	Acquired	-do-
4	Porcupine	2 Nos.	Acquired	-do-
5	Marsh Crocodile	1 No.	Acquired	-do-
6	Turtles of different types	983 Nos.	Seized / Released	-do-