



सत्यमेव जयते

ANNUAL REPORT 2013-14



**WILDLIFE WING
DIRECTORATE OF FORESTS
GOVERNMENT OF WEST BENGAL**



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*Photo Courtesy : Ujjal Ghosh, IFS, Kalyan Das, IFS, Tapas Das, IFS, Subrata Pal Chowdhury
Kharagpur Division, 24-Parganas (South) Division, 24-Parganas (North) Division, Coochbehar
Division and Bankura (North) Division, Darjeeling Wildlife Division*

Chapter 1:

Biodiversity in West Bengal

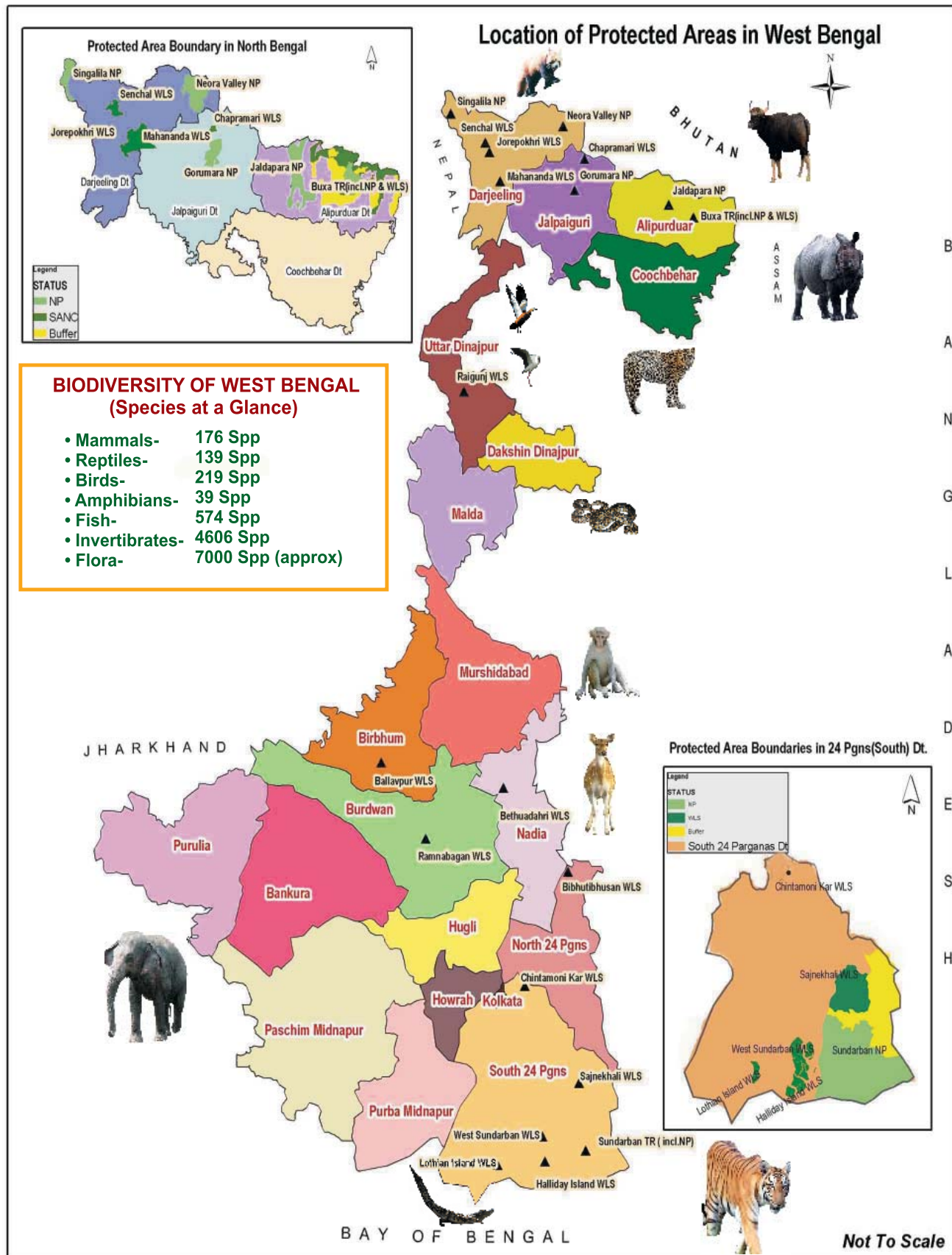
Management & its Conservation



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	Jalpaiguri	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>), Horseshoe 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	Jalpaiguri	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>Tylototriton 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 in 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 scitans</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>Viverrica indica</i>), Water Monitor Lizard (<i>Varanus salvator</i>), Jackal (<i>Canis lupus</i>), Mongoose (<i>Herpestes edwardsii</i>)
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>), Horseshoe 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.

Protected Area	Area in Sq. Km.	Notification No. & Date	Bio-geographic Zone	District	Ecologically Important species
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	Jalpaiguri	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>), Horseshoe 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.
Total	1488.7246				
Tiger Reserves:					
1. Buxa Tiger Reserve Core Area Buffer Area Total	390.5813 370.2886 760.8699	3051-For dt. 06.08.09 3050-For dt. 06.08.09	7B	Jalpaiguri	Tiger (<i>Panthera tigris tigris</i>), Leopard (<i>Panthera pardus fusca</i>), Elephant (<i>Elephas maximus</i>)
2. Sundarban Tiger Reserve Core Area Buffer Area Total	1699.62 885.27 2584.89	6028-For dt. 18.12.07 615-For dt. 17.02.09	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 <i>Nipa fruticans</i> , <i>Avicennia</i> spp., <i>Ceriops</i> spp., <i>Excoecaria agallocha</i> , etc.
* 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 Pgns. North-24 Pgns.	Tiger (<i>Panthera tigris tigris</i>), Estuarine Crocodile (<i>Crocodylus porosus</i>), Water Monitor Lizard (<i>Varanus salvator</i>), Mangrove plants like <i>Nipa fruticans</i> , <i>Avicennia</i> spp., <i>Ceriops</i> spp., <i>Excoecaria agallocha</i> , etc.
Total	9630				
Elephant Reserves:					
Eastern Duars ER Core Buffer Total	484.00 493.51 977.51	3293-For dt. 28.8.2002	7B	Jalpaiguri	Elephant (<i>Elephas maximus</i>)
Mayurjharna ER	414.00	3040-For. dt. 24.10.2002	6B	West Midnapur, Bankura and Purulia	Elephant (<i>Elephas maximus</i>)
Total	1391.51				



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.



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 watchtower 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, Director of Revenue Intelligence, Police etc. is maintained. The Wildlife Wing is actively liaising with the WLER office as an integral part of the Wildlife Crime Control Bureau.



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 improving the fodder base of the elephants inside the forest.



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 **491 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.



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 and Man-tiger 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 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.



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;
4. Close co-ordination with the neighbouring states, viz. 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.
8. Payment of ex-gratia grant to the victims of animal depredation 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.



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 line 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.



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.

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 biodiversity conservation more effective in the long term.

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

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.

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.

During 2013-14, total 7 Nos. of Research works were allowed, another 6 Nos. are under process.

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.



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 preparation
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 Wildlife Sanctuary	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 preparation
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 2013-14



Important Events during 2013-14

Observation of Wildlife Day, 2013:

The Wildlife Day 2013 was celebrated throughout the State of West Bengal on 18.12.2013 to generate awareness among common people on Wildlife & Biodiversity Conservation. Many awareness programs were undertaken in the different districts of West Bengal. In Kolkata programs, special attention was given to



the school students as they are the future of our society. The programs in Kolkata included i. Debate Competition among School Students, ii. Film Show on Wildlife Conservation, iii. Bird watching at Santragachi Jheel for school students, iv. Kolkata Alipore Zoo

visit for school students and v. Street Play on Wildlife Conservation awareness at places like South City Mall, Mani Square Mall and City Centre. 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.



Wildlife Conservation Award, 2013:

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 2013.

Sl.	Category of award	Name & designation of awardees		Name of the Divisions
1.	Award for Protection of Wildlife	I	i) Sri Dibyajyoti Bera, W.B.F.S. ii) Sri Swapan Kr. Majhi, FR iii) Sri Nibaran Ch. Basak, DR/Fr. iv) Sri Ranjit Kr. Kar, DR/Fr. v) Sri Subrata Roy, FG. vi) Sri Bishnu Baperi, DL. vii) Sri Tika Prodhan, Driver. viii) Sri Durga Saiba, DL. ix) Sri Sona Uraw, DL. x) Sri Ashok Banerjee, FG. xi) Jaharul Md. Ali, FG. xii) Sri Ashim Podder, FG. xiii) Sri Amiya Sarkar, BS. xiv) Sri Dhaniram Saiba, WM. xv) Sri Bijoy Sarkar, C/14 10 S.A.P.	Baikunthapur Division
		II.	i) Sri Krisnendu Guha, FR. ii) Sri Goutam Chatterjee, DR/Fr. iii) Sri Ashim Kumar Dandapat, DR/Fr. iv) Sri Biswajit Mal, DR/Fr. v) Sri Sukumar Bera, BS. vi) Sri Pranab Kumar Maity, BS. vii) Sri Joydeb Bera, BS. viii) Sri Rabin Kumar Chatui, BS. ix) Sri Susanta Kumar Bhunia, Majhi	South 24 Parganas Division

Sl.	Category of award		Name & designation of awardees	
		III.	I) Sri Kalia Tamang, HFG. ii) Sri Dilip Kumar Thapa C.D.L. iii) Sri Bharat Singh, C.D.L. iv) Sri Tanmoy Chakraborty, C.D.L.	Wildlife Division-II
2.	Wildlife Conflict Management Award	I.	Sri Tarun Mahalanabis, FR	Wildlife Division-II
		II.	Sri Biraj Mukherjee, S.I., O.C. Banarhat P.S.	Wildlife Division-II
		III.	Sri Samir Sarkar, Member- Ramsai EDC	Wildlife Division-II
3.	Conservation Awareness Award	I.	Sri Raj Noniya, Eco Care, Rajabhatkhawa	Buxa Tiger Reserve (West)
		II.	Sri R. P. Jung, Manager, Lakhipara TE.	Wildlife Division-II
4.	Participatory Wildlife Management Award	I.	Balapara F.P.C.	Buxa Tiger Reserve (East)
		II.	Sri Anirban Majumder, Manager, Ranichera TE.	Wildlife Division-II
		III.	i) Sri Praveen Pradhan, S.I., O.C., Shamuktala PS ii) Sri Sanatan Singh, S.I., O.C. Kamakhyaguri Out Post iii) Sri Debdan Roy, S.I., Shamuktala P.S. iv) Sri Dipankar Saha, S.I., Shamuktala P.S.	Buxa Tiger Reserve (East)
5.	Award for Rescue of Wild Animals	I.	Sri Edwin Subba, Pedong Village	Wildlife Division-II
		II.	Sri B.B Kundu, Inspector & his team B-Coy BN BSF, BOP Tentulberia.	North 24 Parganas Division
		III.	i) Sri Anindya Guha Thakurta, F.R. ii) Sri Asoke Kumar Sen, F.R. iii) Sri Surojit Majumdar, DR/Fr. iv) Sri Pradip Routh, Driver v) Sri Uday Bera Chowdhury, F.G. VI) Sri Sujit Kumar Guria, Mali.	Kharagpur Division
		IV.	i) Baikunthapur Forest Division ii) Wildlife Squad, Sukna. iii) Siliguri Metropolitan Police. iv) Smt. Mina Rani, Hakimpara Siliguri	Baikunthapur Division
		V.	I) Sri Babku kachhap, Mechpara Tea Garden ii) Sri Raju Lohar, Mechpara Tea Garden iii) Sri Prakash Lama, Mechpara Tea Garden iv) Sri Ramesh Raut, Mechpara Tea Garden v) Sri Ranjit Lama, Mechpara Tea Garden vi) Jagir Ansari, Mechpara Tea Garden vii) Sri Narayan Oraon, Mechpara Tea Garden viii) Mehebub Sk, Mechpara Tea Garden ix) Sri Babujee Baghor, Mechpara Tea Garden x) Sri Biki Raut, Mechpara Tea Garden xi) Sri Sarkey Thapa, Mechpara Tea Garden xii) Sri Prem Oraon, Mechpara Tea Garden xiii) Sri Parimal Oraon, Mechpara Tea Garden xiv) Sri Ranjeet Lama, Mechpara Tea Garden	Buxa Tiger Reserve (West)

Thirteen elephants killed due to train accident during 2013-14:

Elephants are being killed by train accident reported frequently from across the country. In West Bengal also thirteen elephants have been killed by the speeding train during 2013-14. On 30.05.13, three elephants including two pregnant elephants died on the spot by the collision with UP Mahananda Link Express in between Banarhat & Binnaguri Railway Station, two other injured elephants were also died later during treatment. One elephant was also reportedly killed at Mongpong-7Compartment under Chel Range of Kalimpong Division which was collided with Siliguri-Alipurduar Passenger Train (75715 UP) on 10.10.13. Another incident was took place when five elephants was rammed by Kabiguru Express on 13.11.13 in between Chalsa and Jaldhaka Bridge at Hillajhora-2 Compartment of Nagrakata Beat under Chalsa Range, injured another Female elephant was died two days later from the incident. In South Bengal also one Male elephant was killed near Mouza Kumari of Manikpara Range under Jhargram Division by Train No. E/12022DN-Express.



Treatment and Rehabilitation of sick Tigress:

A sick tigress was captured by means of Trap Cage on 04.03.2013. The tigress was carrying debility in his hind leg and was weak and fragile. Rather than taking the animal to the Kolkata Zoo the treatment was started in Sajnekhali itself in a small cage. The animal was later transferred to a larger enclosure for more mobility of the animal. The recovering tigress is a young female approximately 3 years of age and is being trained to hunt its prey. Live bait in the form of Chicken, Goat has been provided periodically as suggested by the veterinarian in order to develop the hunting instinct of the animal. The tigress has shown remarkable improvement in general health and mobility. Then it was shifted to a larger enclosure at Netidhopani almost in simulating condition of the wild for it rewilding process as per the guidelines of NTCA and started live bait with live Wild Boar captured from Bhagabatpur. It was fitted with radio collar and was released in the wild after it is found fully fit to exist in natural conditions on 15th August 2014. The signal from the radio-collar is being received at regular interval and being processed. It is found that the tigress is roaming freely in the jungle.



Reduction of tiger straying incidences in Sundarban Tiger Reserve:

Tiger straying incidences has been reduced surprisingly from 19 Nos. during 2011-12 and 12 Nos. during 2012-13 to NIL during 2013-14 as a result of erection of 90 kms. of nylon net fencing around the village-forest interface, intensive nylon-net fencing checking as per the prescribed protocol as well as patrolling.

In 24-Parganas (South) Division also the straying has been reduced for the same type of protection protocol and only 2 incidents of Jharkhali have been reported.

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.



Sighting and rescue of rare animals in West Bengal during 2013-14:

On 29.05.13, one tiger was sighted in between 25 & 26th Mile P.W.D. Road in Buxa Tiger Reserve. Clouded Leopard was sighted in Buxa Tiger Reserve on 08.04.2014. Leopard Cats were also sighted in Buxa Tiger Reserve during 2013-14. Sighting of Himalayan Black Bear was reported on 16.03.14 at Buxa. 25-30 vultures (Himalayan Griffon, White-rumped Vulture) with their nests and young sighted at Chel-2 Compartment of Apalchand Range. Dolphins and Fishing Cat were frequently sighted Sundarbans. Crocodiles were sighted near Herobhanga-Matla River. Red Panda, Himalayan Black Bear, Serow, Leopard Cat, Pangolin, Vultures were sighted regularly in the Gorumara Wildlife Division. Fishing Cat was sighted at CP-3b Comptt. near Torsa River side. Asian Wild Dog was also sighted at NEC Beat under Kodalbasti Range.



Visit of dignitaries: Visit by the Hon'ble Chief Minister at different Forest Divisions and Protected Areas both North and South Bengal. Visit by the Hon'ble Governor of West Bengal in Sundarbans during January 2014. Hon'ble Minister in-Charge, Forests and other Hon'ble MPs and MLAs of West Bengal visited different PAs during 2013-14. Hon'ble Justice, Calcutta High Court, the Director, General, BSF, Swiss Ambassador, Deputy Chief of Mission, US Embassy & Consul General, US Consulate visited Sundarbans during 2013-14.



Hon'ble Chief Minister Mamata Banerjee at Mahananda Wildlife Sanctuary

Recovery Program of Batagur Baska in Sundarbans :

Batagur Baska otherwise known as river terrapin are found in Sundarbans and South Eastern Countries. Due to wide spread killing of the animal for its meat and damage of its habitat the animal has now become endangered in Sundarbans and has been listed as critically endangered animal by the IUCN. Sundarban Tiger Reserve with the help of Madras Crocodile Bank Trust took the initiative in saving the endangered animal. Breeding of the Batagur Baska has been successfully done at Sajnekhali. During the last 3 years 33 nos. in 2012, 56 nos. in 2013 and more than 50 in 2014 hatchlings were produced in the Breeding Centre at Sajnekhali. A Regeneration Protocol devised by the Madras Crocodile Bank Trust is followed methodically for the regeneration of this species. Habitat survey by experts both Indian and international have been done in the villages and the rivers in Sundarbans, So as to enable the release of the Batagur Baska in the wild. It has been planned that by this financial year end first batch of Batagur Baska released in the wild which eventually will culminate restocking of the species back in the wild.

Details of the animals rescued in West Bengal during the year 2013-14, are as follows:

Sl. No.	Species	Number	Sl. No.	Species	Number
1	Bird	1158	18	Hog Deer	3
2	Snake	911	19	Barking Deer	15
3	Turtle	6306	20	Leopard	22
4	Tortoise	1218	21	Hyaena	1
5	Langur	73	22	Elephant	8
6	Monkey	69	23	Gaur	6
7	Civet	246	24	Leopard Cat	9
8	Jungle Cat	35	25	Wild Boar	4
9	Fishing Cat	8	26	Porcupine	6
10	Monitor Lizard	43	27	Squirrel	2
11	Sambar	2	28	Chameleon	8
12	Mongoose	12	29	Gecko	36
13	Jackal	19	30	Nilgai	4
14	Fox	4	31	Crocodile including hatchlings	129
15	Dolphin	1	32	Chinese Ferret Badger	7
16	Spotted Deer	10	33	Iguana	1
17	Otter	20		Total	10378

Chapter 3:

Conservation Schemes & Projects & Ecodevelopment Activities in West Bengal



Budget 2013-2014 of Wildlife Wing

Scheme	Division	Target		Achievement	
		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.	3850000.00	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.	3848828.00
	Darjeeling WL		17026416.00		16889674.00
	Gorumara WL		9273286.00		8297000.00
	Jaldapara WL		22434000.00		18553396.00
	Buxa Tiger Reserve (East)		11498290.00		10000393.91
	Buxa Tiger Reserve (West)		15712200.00		10059059.00
	24-Parganas (South)		28165600.00		26217911.40
	24-Parganas (North)		2850000.00		2850000.00
	Sundarban Tiger Reserve		11179200.00		10733445
	Total-SP		121988992.00		107449707.31
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	491000.00	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	484472.00
	Darjeeling WL		7444000.00		7444000.00
	Gorumara WL		10638000.00		7853000.00
	Jaldapara WL		5257000.00		5219500.00
	Buxa Tiger Reserve (East)		14491300.00		13894582.40
	Buxa Tiger Reserve (West)		9967300.00		8743842.00
	Jalpaiguri Division		1207500.00		1207500.00
	24-Parganas (South)		33575910.00		28736649.40
	Sundarban Tiger Reserve		36888000.00		35686522.00
	Baikunthapur Division		760000.00		760000.00
	Rupnarayan Division		920000.00		920000.00
	Raiganj Division		200000.00		200000.00
	Jhargram Division		1205000.00		1205000.00
	Kharagpur Division		1360000.00		1360000.00
	Panchet Division		560000.00		560000.00
	Kangsabati (South) Division		560000.00		560000.00
	Purulia Division		695000.00		695000.00
	Bankura (North) Division		1205000.00		1205000.00
	Bankura (South) Division		240000.00		240000.00
	Total-CSS		127665010.00		116975067.00
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.	504000.00	Plantation works, Awareness and active association in protection against poaching and illicit felling of timber, Establishment and management of decentralised nurseries, etc.	504000.00
	Gorumara WL		194000.00		124136.00
	Buxa Tiger Reserve (East)		575702.00		337845.00
	Total-FDA		1273702.00		965981.00
RKVY / SFDA	Darjeeling WL	Soil & water conservation, Plantations, Organizing Training programme, Various eco-development activities in fringe villages, etc.	1596000.00	Soil & water conservation, Plantations, Organizing Training programme, Various eco-development activities in fringe villages, etc.	1596000.00
	Gorumara WL		873600.00		873600.00
	Jalpaiguri Division		892000.00		457000.00
	Buxa Tiger Reserve (East)		1023000.00		1018400.00
	Buxa Tiger Reserve (West)		1023000.00		1023000.00
	24-Parganas (South)		400000.00		400000.00
	Total-RKVY		5807600.00		5368000.00
MGNREGS	Darjeeling WL	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.	1009774.00	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.	1009774.00
	Gorumara WL		426310.00		175101.00
	Total-NREGS		1436084.00		1184875.00

Budget 2013-2014 of Wildlife Wing

Scheme	Division	Target		Achievement	
		Physical	Financial	Physical	Financial
Tiger Conservation Foundation Trust	Buxa Tiger Reserve (East)	Various Development works in Sundarban and Buxa Tiger Reserve	23525681.11	Various Development works in Sundarban and Buxa Tiger Reserve	15642699.61
	Total-TCFT		23525681.11		15642699.61
13th Finance Commission	Darjeeling WL	Afforestation and regeneration, habitat improvement, infrastructure maintenance and development, reduction of man-animal conflict, etc.	4876000.00	Afforestation and regeneration, habitat improvement, infrastructure maintenance and development, reduction of man-animal conflict, etc.	4876000.00
	Gorumara WL		11566000.00		11566000.00
	Jaldapara WL		9161000.00		8821000.00
	Buxa Tiger Reserve (East)		4853500.00		4853500.00
	Buxa Tiger Reserve (West)		7003500.00		6987300.00
	Buxa Tiger Reserve (Dir.)		40000.00		40000.00
	Sundarban BR (dir.)		205000.00		181162.00
	24-Parganas (North)		270000.00		270000.00
	24-Parganas (South)		13244000.00		13238384.00
	Total-13thFC		51219000.00		50833346.00
JICA (WBFBC Project)	Buxa Tiger Reserve (East)	Infrastructure, Livelihood development, Plantation, Artificial regeneration, Nursery works, Biodiversity, research, Eco-tourism, etc.	987500.00	Infrastructure, Livelihood development, Plantation, Artificial regeneration, Nursery works, Biodiversity, research, Eco-tourism, etc.	Refund
	Total-JICA		987500.00		0.00
CAMP A	Gorumara WL	Habitat improvement, etc.	8146430.00	Habitat improvement, etc.	579340.00
	Jaldapara WL		41000.00		41000.00
	Buxa Tiger Reserve (East)		550000.00		444125.00
	Total-CAMP A		9737430.00		1064465.00
RIDF	Darjeeling WL	Watershed development, Plantation, Nursery, etc.	6898000.00	Watershed development, Plantation, Nursery, etc.	995000.00
	Gorumara WL		3583000.00		3583000.00
	Total-RIDF		10481000.00		4578000.00
Geetanjali	Darjeeling WL	Housing for economically weaker section	20080000.00	Housing for economically weaker section	20080000.00
	Gorumara WL		16200000.00		11970450.00
	Jaldapara WL		22200000.00		22200000.00
	Total-Geetanjali		58480000.00		54250450.00



Major Eco-Development & other activities of Wildlife Wing, during 2013-14

A Plantation

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



Grass fodder Plantation

B Road & Bridges

- 1 Construction of Road
- 2 Maintenance of Road
- 4 Construction of bridge
- 5 Construction of RCC bridge
- 6 Vented causeway constructed through hume pipe
- 7 Repair and maintenance of kuccha



Nursery

C Water & Soil moisture Conservation Structure

- 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



River bank protection work

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
- 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
- 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



Irrigation canal



Construction of earthen road



Mixed tree plantation

- 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
- 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
- 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 Renovation of village schools
- 15 Construction of sanitary latrine
- 16 Sinking of deep tube wells



**Construction of Watch Tower
at fringe village for driving
wild elephant**



**Tourist Watch Tower at
Chapramari WLS**

- 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

F Buildings

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

G 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 week, cartoon contest among students and cartoon exhibition, display of publicity material, etc. has been done.



Excavation of pond in villages for pisciculture



Nature Camp



Wilderness

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	 Mendabari Jungle Lodge
2	Jainty Annex II			
3	Hatipota			
4	South Rydak			
5	Silbungalow			
6	Kumar gram			
7	Rajabhatkhawa Main	Buxa Tiger Reserve West Division	03564-255129	 Bonnie Camp
8	Leo House, Rvk.			
9	Raimatang			
10	Rangamati			
11	Nimati			
12	Ban Mayuri	Range Officer, West Damanpur Range	9734115144/ 9800264388/ 9933675008	 Chatakpur Eco-village
13	Sukna FRH	Darjeeling WL Division	0354-2257314	
14	Sukna ANNEX			
15	Latpancher FRH			
16	Rambi FRH			
17	Sandakphu FRH	Gorumara WL Division	03561-220017 03561-222233 (Fax)	 Chatakpur Eco-village
18	Gorumara FRH			
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			



Hollong Lodge



Kalipur Eco-Village



Dhupjhora Eco-Village

Eco-tourism aspects:

Buxa Tiger Reserve (East) Division: Places of visit include Jainty, Pokri, Mahakal, Bhutiya basti, Tashigaon Tower, Buxaduar, Buxa Fort are within the permitted ecotourism zone.

Nadia-Murshidabad Division: The only spot for eco-tourism is Bethuadahari Wildlife Sanctuary. This can be further developed & remodeled for this purpose.

Jhargram Division:

1. Jhargram Division:

Jhargram ecotourism centre is situated at Bandarbhola beat area of Jhargram range. Presently it is managed by WBFEC Ltd. The centre provides stay facilities to eco tourists visiting Jhargram and adjacent forest areas. The centre also contains attractions like art gallery (ongoing), handicraft section (ongoing) and open theatre for conducting tribal dance and other facilities.



2. Hatibari Ecotourism Centre :-

Hatibari ecotourism centre is situated on the banks of Subernarekha river at Hatibari beat of Hatibari Range. Presently it is managed by WBFDC Ltd. The centre provides stay facilities to eco-tourists visiting Hatibari and provides an opportunity to enjoy the beauty of Subernarekha river. Visitors also can get the opportunity for bird watching. The centre also contains attractions like open theatre for conducting tribal dance and other facilities.



3. Ghagra Falls

Ghagra falls is situated at Belpahari beat of Belpahari Range. This is a picnic spot of great attraction and retains water throughout the year. Surrounding compact forests adds to the beauty of the water fall.

4. Khetki Jhorna:-

Khetki Jhorna is situated at Odulchua beat of Bhulaveda Range. It is surrounded by beautiful Sal forests. This beautiful wetland harbours wide variety of flora and fauna.

5. Kankrajhore Nature Trekking Route :-

This trekking route from Kankrajhore Beat Office to Bhulaveda is having a total length of 15 km. This trekking route provides unique opportunity to walk through dense Sal forests and bird watching.

Tourist visits during 2013-14:

Name of Eco-tourism site (PA / Zoo / Eco-Park / NIC, etc.)	Number of tourists visited during 2013-14		Revenue earned (in Rs.)
	Indian	Foreigner	
Sundarban Tiger Reserve	154119	3638	14075570
Singhalila National Park	5121	1419	426003
Nature Interpretation Centre, Sukna	747	33	48650
Buxa Tiger Reserve (East) Division	4186		449920
Buxa Tiger Reserve (West) Division	46900	35	1396138
South Khairbari Nature Park	52774		1558955
Bania Ruin Chilapata Jungle Camp	5617		304320
Kunjanagar Eco Park	75005		1479910
Kodalbasti Jungle Safari	2832		309420
Hollong Tourist Lodge	3520	52	1445499
Eco-tourism at Jaldapara	25095	76	2490790
CC Line-Mendabari-Bania Ruins	3385		169860
Lataguri Eco-tourism	35230	91	1979670
Eco Park at Raiganj	7480		37400
Kulik Sanctuary	17006		680240
Rasomati Eco Park	9450		94500
Kholta Eco Park	33480		167400
Tekonia Eco Park	16300		76500
Adina Deer Park	72192		503167
Dhupjhora Elephant Camp	3259	36	403320
Kalipur Eco-Village	2008	11	241260
Rhino Camp at Gorumara	1332	6	160520
Horn Bill Nest	410		47265
Panjhora Wilderness Camp	995		90480
Murti Cottage	406		36120
Mouchuki	211		19770
Murti Tent	198		15450
Neora Valley National Park (Lower Noera Range).	161		1932
Neora Valley National Park (Upper Noera Range)	1717	21	38703
Gorumara National Park (Day Visitors)	44449	14	1307085
Chapramari Wildlife Sanctuary (Day visitors)	11030	4	198684
Ramnabagan Mini Zoo, Burdwan	109050		424000
Hijli Eco Park, Kharagpur Dn.	40000		350000
Bethuadahari Wildlife Sanctuary	69322		714018
Bibhutibhushan Wildlife Sanctuary	18270		1364020
Susunia	230		138000
Biharinath	45		27000
Jhalda, Matha & Ajodhya	950		107150
Total	874482	5436	33378689

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	
	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	

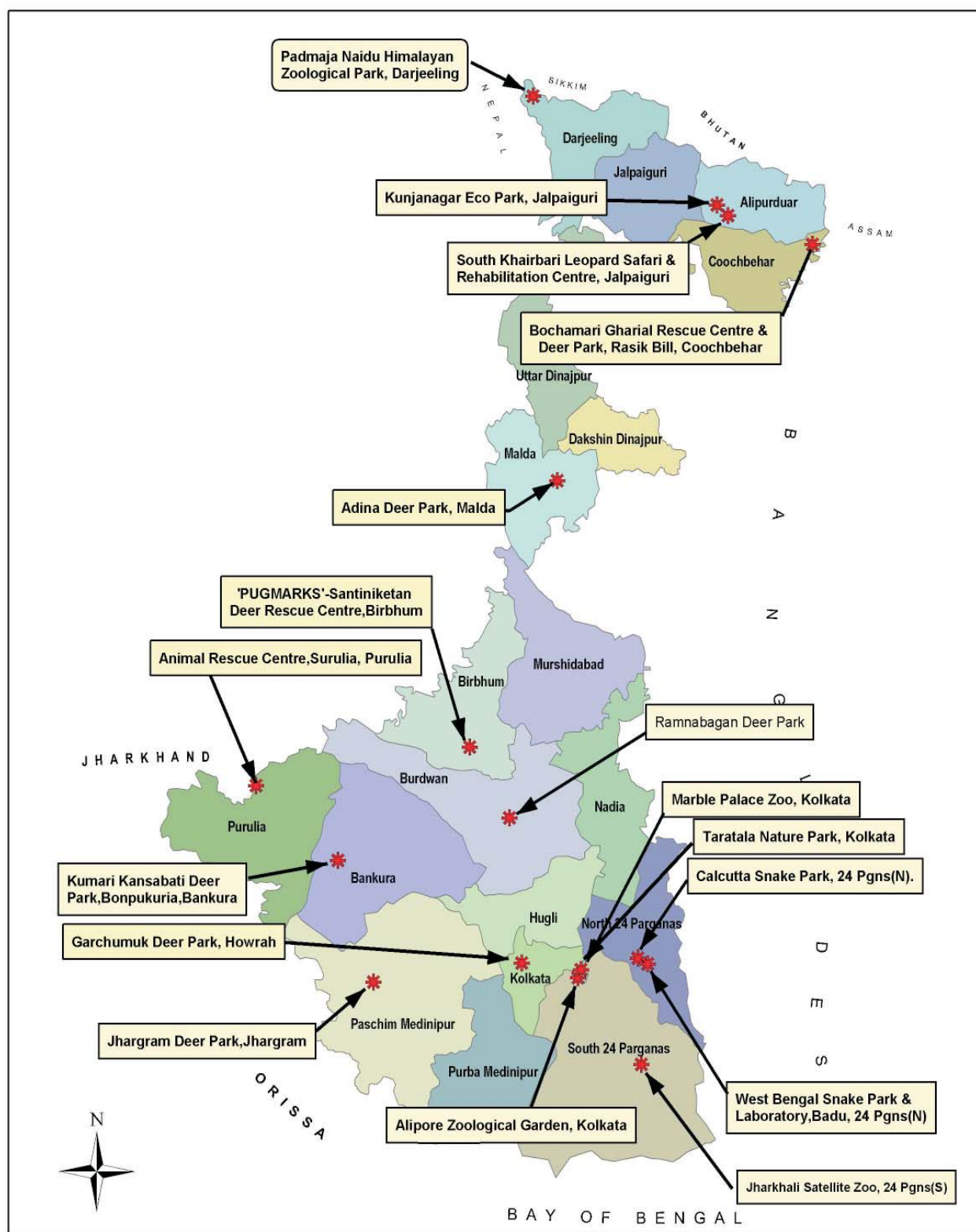
Sl. No.	Location	Item	Rate (Normal)	Rate (Online)
9. Guide Charges				
	For North Bengal		200.00	350.00 for certified guide
	For Sundarban Biosphere Reserve & South Bengal		350.00	500.00 for certified guide
	Entry fee for vehicle and person shall be charged separately for dedicated guides retention annual chargesl		1500.00	
	Elephant Camp visit per person	For indian	50.00	
		For foreigner	200.00	
	Sufury ride	Per person	100.00	
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



Verditter Flycatcher

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.	Kunjanagar Eco Park	Jaldapara Wildlife Division	Recognized as Mini Category Zoo upto 31.10.2014	F.No.22-64/04-CZA(461)(M)/2221, dt. 21.02.2013
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)/461, dt.21.02.2013
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 31.12.2012	F.No.22-2/05-CZA (494)(M), dt.24.12.2010
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 31.05.2013	19-81/93-CZA(316)(M), dt. 09.05.2011
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 30.09.2010	F.No.22-54/2004-CZA(493)(M) dt. 22.09.2009
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 2013-14

Padmaja Naidu Himalayan Zoological Park (Inventory as on 31.03.2014)

SI No	Type	SI No	Species	M	F	U	T
1	Mammals	1	Bear Asiatic Black	2	2		4
		2	Blue Sheep	4	2		6
		3	Civet Himalayan Palm	2	2		4
		4	Civet Asian Palm	1	2		3
		5	Deer Barking	4	3		7
		6	Deer Sambar	4			4
		7	Goral	5	1		6
		8	Jackal	1			1
		9	Langur Common	2	3	1	6
		10	Leopard Cat	1			1
		11	Leopard Clouded	1	1		2
		12	Leopard				4
		13	Leopard Snow	4	7	0	11
		14	Red Panda	10			18
		15	Tahr Himalayan	3	3		6
		16	Wolf Tibetan	2	8		10
		17	Tiger Royal Bengal	1	2		3
		18	Cat Jungle	2			2
		19	Markhor	3	5		8
2	Amphibian	1	Himalayan Newt	6	7	11	29
3	Reptile	1	Star Tortoise	4	2		6
4	Pheasant & Bird	1	Pheasant Grey Peacock	5	2		7
		2	Pheasant Impeyan	1	1		2
		3	Red Jungle Fowl	12	7	4	23
		4	Pheasant Kalij	11	2		13
		5	Pheasant Silver	3	13		16
		6	Pheasant lady Amherst		5		5
		7	Pheasant Ring Necked	1	1		2
		8	Pheasant Golden	1	1		2
		9	Pheasant Cheer	1	1		2
		10	Rose Ringed Parakeet		1	5	6
		11	Torraco Grey	1	1		2
		12	Parrot Arfican Grey	1	1		1
		13	Macaw Red And Blue	1	1		2
		14	Macaw Blue and Gold	1	1		2
		15	Macaw Amazon Orange Winged	1	1		2
		16	Tragopan Temminick's	1	1		2
		17	Pheasant Golden	11	15		26

M – Male; F – Female; U – Undetected sex; T - Total

Satellite Zoo, Dowhill , Darjeeling , West Bengal (Inventory as on 31.03.2014)

	Type	Sl No	Species	M	F	U	T
1	Mammals	1	Barking Deer	8	8		16
		2	Sambar Deer		1		1
		3	Blue Sheep	3	2		5
		4	Himalayan Goral	3	2		5
		5	Himalayan Thar	1	1		2
2	Birds/Pheasant	1	Golden Pheasant	5	12		17
		2	Lady Amherest	2	5		7
		3	Silver Pheasants	1	1		2
		4	Monal Pheasants	1	1		2
		5	Kalij Pheasants	2	2		4
		6	Satyr Tragopan	1	1		2
		7	Temmincks Tragopan	4	4		8

Pugmarks-PFA Santiniketan Rescue Centre , Birbhum (Inventory as on 31.03.2014)

Sl No	Species	Age (approx) & Sex	Acquired/procured from	Purpose (Display/Rescue/Treatment/transit etc.)
1	Golden Jackal-1 No.	6 yrs., Male	Birbhum	Rescued
2	Hanuman Langur-1 No.	6 months, Female	Birbhum	Treated & released
3	Hanuman Langur-1 No.	6 yrs., Female	Birbhum	Rescued
4	Woolly necked Stork-1 No.	3 yrs.	Birbhum	Rescued & released
5	Alexandrine Parakeet-1 No.	6 yrs., Female	Birbhum	Rescued
6	Black Kite-2 Nos.	4 & 5 yrs.	Birbhum	Rescued

Ramnabagan Mini Zoo, Burdwan (Inventory as on 31.03.2014)

	Sl No	Species	Sl No	Animal	M	F	U	T
Endangered Species	1	Birds	1	Pea Fowl	1	5	0	6
			2	Bazas	0	0	2	2
	2	Mammals	1	Chowsinga	1		0	1
			2	Sloth Bear	1	1		2
			3	Rhesus macaque	3	5		8
			4	Bonnet Macaque		1		1
	3	Reptiles/Amphibians	1	Crocodile	1	1		1
Other than Endangered Species	1		1	Rosy Pelican	1	1		2
			2	Adjutant Stork	1			1
			3	Owls			1	1
			4	Parakeets	2	2		4
	2		1	Spotted Deer	37	58	5	100
	3		1	Star Tortoise		0	18	18

Kumari Kangsabati Deer Park, Bonpukuria (Inventory as on 31.03.2014)

Sl No	Species	Age (approx) & Sex	Acquired / procured from	Purpose
				Display / rescue / treatment / transit, etc.
1	Spotted Deer-42 Nos.	M-14, F-24, U-4	-	Display/Rescue

Marble Palace Zoo (Inventory as on 31.03.2014)

Sl No	Animals	Sl No	Species	M	F	U	T
1	Birds	1	Hornbill Common Grey	4	6	0	10
		2	Hornbill Indian Pied	2	2	0	4
		3	Hornbill Malabar Pied	1			1
		4	Hornbill Rufous Necked	1	1		2
		5	Peafowl	4	10		14
		6	Peafowl White	1	1		2
		7	Pheasant Monal Impeyan				
		8	Pheasant Peacock	1	1		2
		9	Spoonbill White	1	1		2
2	Mammals	10	Pheasant Nepal Kalij	2	2		4
		1	Antelope Four Horned (Chowsingha)	5	4		9
		2	Langur Common	1	1		2
		3	Macaque Rhesus	1	1		2
		4	Macaque Stump Tailed	1	1		2
		5	Porcupine Bengal	1	1		2
		6	Squirrel Giant Malabar/Indian	2	2		4

Rasikbeel Mini Zoo (Inventory as on 31.03.2014)

Sl 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-3 Nos.	U-3		
4	Gharial-7 Nos.	M-2, F-5.		

Adina Deer Park (Inventory as on 31.03.2014)

Sl No	Species	Age (approx) & Sex	Acquired / procured from	Purpose
				Display / rescue / treatment / transit, etc.
1	Spotted Deer-90 Nos.	M-27, F-51, U-12	-	Display/Rescue
2	Nilgai-7 Nos	M-2, F-5		

Garchumuk Mini Zoo (Inventory as on 31.03.2014)

Sl	Species	Total
	Birds	
1	Peafowl	5
	Mammals	
2	Black Buck	1
3	Spotted Deer	86
4	Porcupine	4

Jhargram Mini Zoo (Inventory as on 31.03.2014)

Sl No	Species	Sex	Acquired / procured from (Source)	Purpose
				Display / rescue / treatment / transit, etc.
1	Indian Peacock	Male	Jhargram Divn.	Rescue
2	Sloth bear	Female	Jhargram Divn.	-do-
3	Asian elephant	Undetected	Kalaikunda Range	-do-
4	Python	-do-	KGP Divn.	-do-
5	Monitor Lizard	-do-	KGP Divn.	-do-
6	Crocodile	-do-	KGP Divn.	-do-
7	Spectacled cobra	-do-	-do-	-do-
8	Monocled cobra	-do-	-do-	-do-
9	Russell's viper	-do-	Jhargram Divn.	-do-
10	Red sand boa	-do-	KGP Divn.	-do-
11	Tokay gecko	-do-	-do-	-do-
12	Hawk	-do-	Not known	-do-
13	Vulture	-do-	Jhargram Divn.	-do-
14	Lesser adjutant stork	-do-	Haldia Range	-do-
15	Indian parakeet	-do-	Wild animal rescue & transit facility centre, Salt Lake, Kolkata	-do-
16	Exotic parakeet	-do-		-do-
17	Asian koel	-do-		-do-
18	Hill Myna	-do-		-do-
19	Munia	-do-		-do-
20	Finch	-do-		-do-
21	Cocatail	-do-		-do-
22	Owl	-do-	Rupnarayan Dn.	
23	Malabar pied hornbill	-do-	Wild animal rescue & transit facility centre, Salt Lake, Kolkata	-do-
24	Spotted Deer	Mixed	Jhargram Divn.	-do-
25	Barking Deer	Female	Jhargram Divn.	-do-
26	Rhesus macaque	Mixed	Not known	-do-
27	Common langur	Mixed	Not known	-do-
28	Jungle cat	Mixed	Jhargram Divn.	-do-
29	Fox	Mixed	Not known	-do-
30	Indian porcupine	Undetected	Jhargram Divn.	-do-
31	Indian wolf	Mixed	Jhargram Divn.	-do-
32	Striped Hyena	Mixed	KGP Divn.	-do-
33	Jackal	Female	Aravaru Range	-do-
34	Nilgai	Female	Birbhum Divn.	-do-
35	Star Tortoise	Undetected	Wild animal rescue & transit facility centre, Salt Lake, Kolkata	-do-
36	Spotted pond turtle	Undetected		-do-
37	Tricarinate Hill Turtle	Undetected		-do-
38	Indian eyed turtle	Undetected		-do-
39	Turtle	Undetected	KGP Divn.	
40	Kaleej pheasant	Male-1 Female-1		
41	Golden pheasant	Male-1 Female-1		
42	Red jungle fowl	Male-1 Female-1		

Chapter 6: Census of Wild Animal



Population status of major species in West Bengal

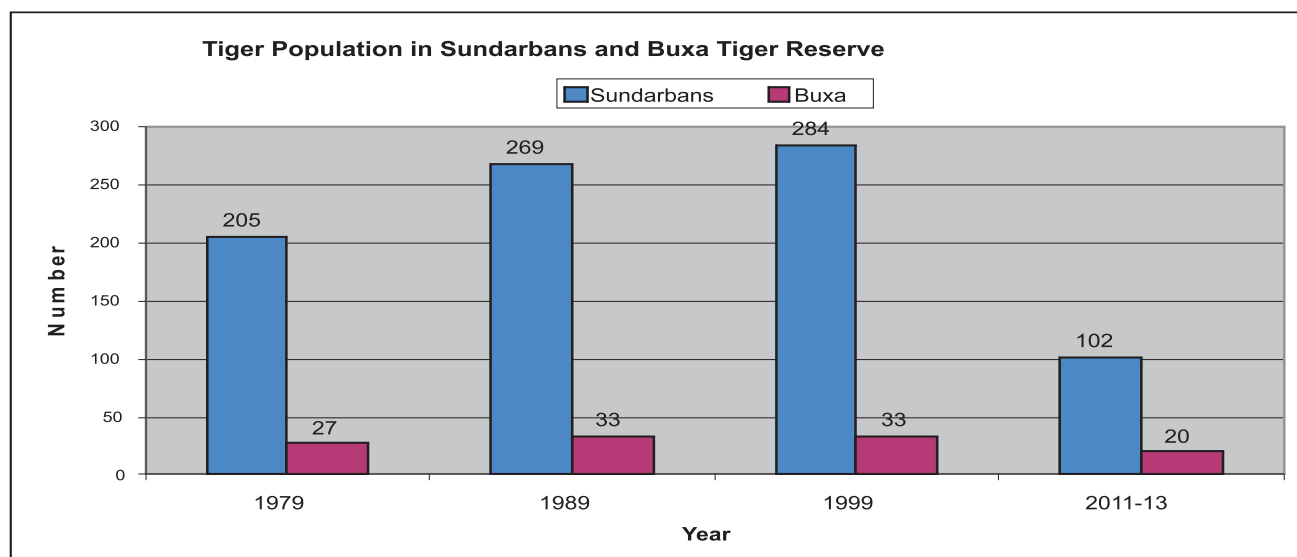
Bengal Tiger :

The Bengal tiger inhabits a wide range of habitats, from the high-altitude, cold coniferous Himalayan forests to the streaming mangroves of the Sunderbans. At present, the tiger is found in the forests of Neora Valley, Buxa, Mahananda, Jaldapara in North Bengal and in Sunderbans and Sajnekhali forests in South Bengal.

Year	Gorumara	Buxa	Jaldapara	Mahananda	Sundarbans	Other areas	Total
1979	7	27	12	10	205	35	296
1983	16	15	9	1	264	47	352
1989	8	33	7	8	269	36	361
1992	-	29	5	13	-	-	-
1993	-	29	9	12	251	34	335
1997	-	32	13	12	263	41	361
1999	-	33	12	13	284	23	365
2002	-	31	9	15	271	23	349
2004	-	27	6	16	274	21	344

Sundarbans (2010)	Buxa (2011)
64-90 during 2010 (as per report of Wildlife Institute of India, Dehradun's All India Tiger Estimation 2010)	20 during 2011 (as per Scat analysis through DNA fingerprinting technique) by CCMB-Hyderabad, Aranyak, Assam & BTR authority)

Sundarbans (2012 & 2013)
<p style="text-align: center;">Tiger estimation by camera trapping</p> <p style="text-align: center;">In STR - 80 (minimum) during 2013 (conducted by WWF and Wildlife Institute of India) In 24-Parganas (South) - 22 (minimum) during 2012 (conducted by WWF)</p> <p style="text-align: center;">Total Sundarbans – 102 (Minimum)</p>



Leopard :

The leopard shows remarkable adaptability to different environments but prefers the forest fringe where it can utilize trees cover for shelter and safety and open area as observation platform. They are found in almost all the forest areas in north Bengal, with a sizeable population in and around the Protected Areas of Neora Valley, Buxa, Gorumara, Senchal, Mahananda, Chapramari, Jaldapara in North Bengal.



Year	Gorumara	Buxa	Jaldapara	Mahananda	Other areas	Total
1984	14	8	7	12	41	82
1989	14	50	5	10	29	108
1992	-	63	-	-	-	-
1993	2	-	9	2	94	107
2002	47	149	33	18	84	331
2004	43	Not done	28	26	67	164
2012		105 (BTR-West)				

Gaur :

Also known as the Indian Bison or Gaur. Gaur is a massive herbivore creature and prefers grass. It is very common to see guar browsing on leaves or munching on the bark of select trees. In north Bengal, there is a sizeable population of gaur, especially in Neora valley, Jaldapara, Mahananda, Chapramari, Buxa etc.



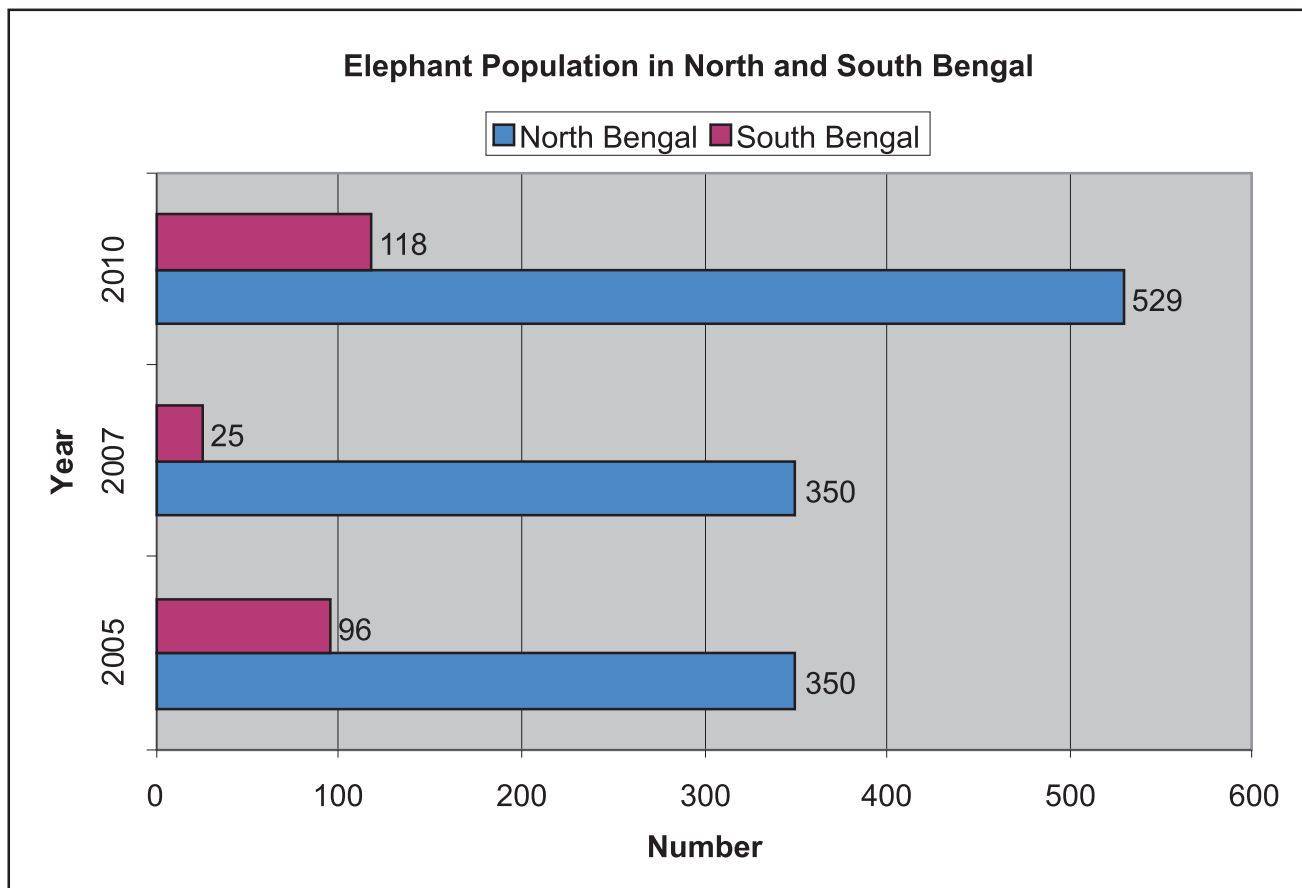
Year	Total Number
1989	240
1993	425
1997	550
1998	530-560
2002	1180-1284
2009-10	Not less than 901 (Gorumara NP & Chapramari WLS only)
2012-13	414 BTR(W)
2013-14	782 BTR(W)

Elephant :

The Asian Elephant (also known as the Indian Elephant) is a huge land animal. Elephants are found in Buxa, Gorumara, Mahananda, Chapramari, Jaldapara etc. in northern part of West Bengal. In south West Bengal the elephant are mainly seen in the districts of Bankura, Purulia, Midnapore.



Year	Total Number
1989	175
1993	186
1997	230-250
1998	230-250
2002	327
2002	328*
2005	N.B.300-350 + S.B.96
2007	N.B.300-350 + S.B.25 (excluding migratory population)
2010	N.B.529 + S.B. 118

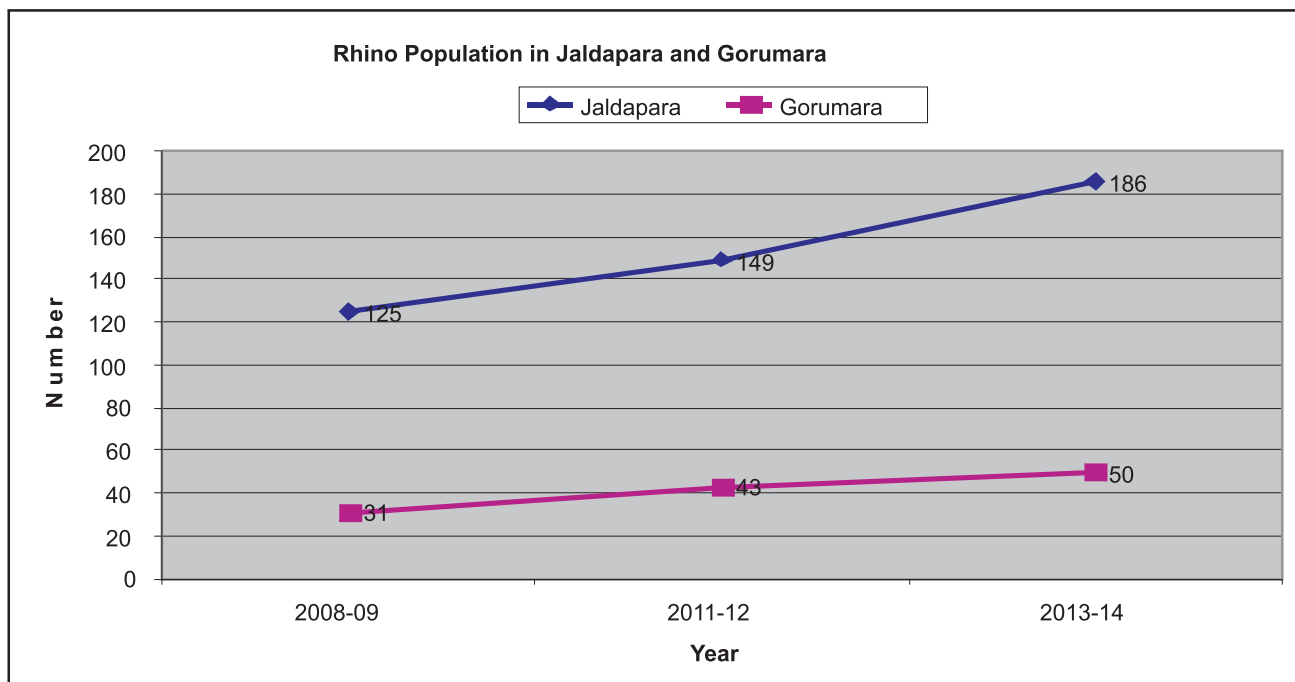


Rhinoceros :

They are one of the largest land mammals. The Great Indian Rhinoceros have a single horn, usually upto 53 cm long. The rhino is found in the beautiful grassland and forests of Jaldapara and Gorumara.

Year	Jaldapara	Gorumara	Total
1969	75	12	87
1974	21	6	27
1978	19	8	27
1986	14	8	22
1989	27	12	39
1993	33	12	45
1996	42	14	56
1997	44	14	58
1999	55	19	74
2000	54	19	73
2002	74	22	96
2004	96	25	121
2006	108	27	135
2008		31	
2009	125		
2011	149	35*	184
2012		43*	
2013	186		
2014		50*	

*(Gorumara, Chapramari & adjoining areas of Gorumara NP & Chapramari WLS)



Rhino Population (as per last Census)					
Protected Area	Male	Female	Sex unidentified	Calf	Total
Jaldapara NP	71	67	29	19	186
Gorumara NP (including Chapramari WLS & adjoining areas of Gorumara & Chapramari)	22	18	3	7	50
Grand Total	93	85	32	26	236

Crocodile (salt water Crocodile)

STR & 24-Parganas (South) Division

Year	Indirect sighting	Direct sighting			
		Adult	Juvenile	Hatchling	Total
2012	99	69	61	10	140



Chapter 7: Human-Animal Conflict



Black Hooded Oriole

Legend

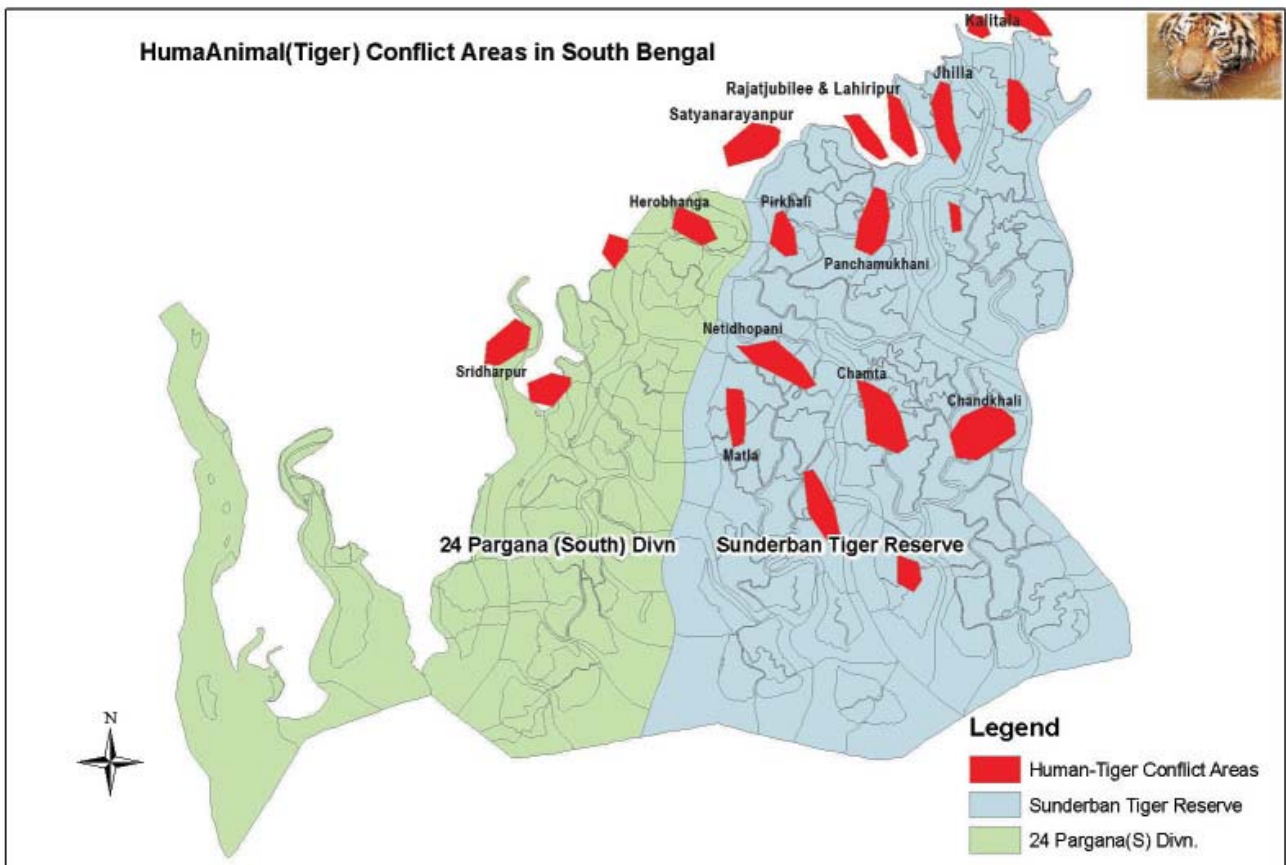
- Tea Garden
- Major Rivers
- DISTRICT**
 - DARJEELING
 - JALPAIGURI
 - ALIPURDUAR

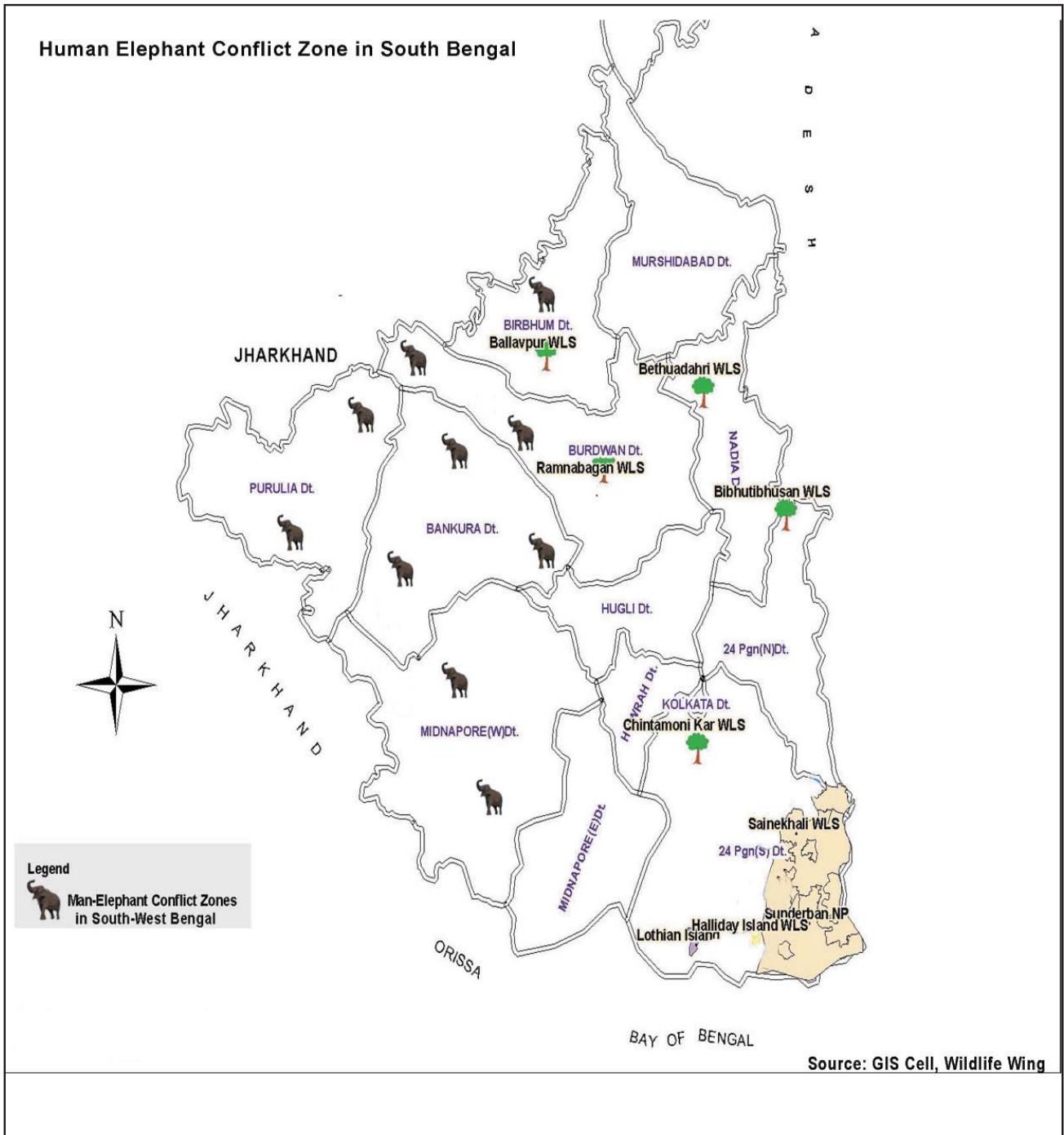
Human-Elphant Conflict Zones

Human-Leopard Conflict Zones

Human-Gaur Conflict Zones

Source: GIS Cell, Wildlife Wing

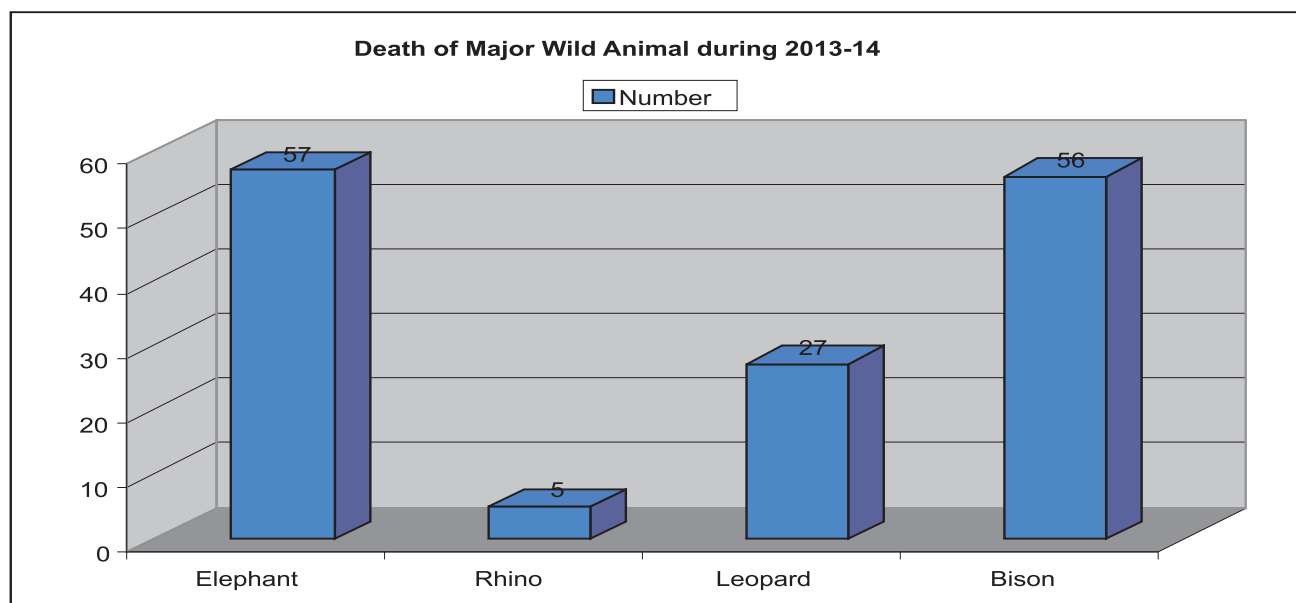




Other than creation of Thematic Maps the GIS Cell regularly monitors radio collared animals by using the Real-time data received from the satellite collars.

Death of Wild Animals during 2013-14 in West Bengal

Species	Cause of death				
	Natural	Accident	Poaching	Retaliatory Killing	Total
Elephant	30	23	4	-	57
Tiger	-	-	-	-	-
Rhino	5	-	-	-	5
Leopard	18	7	-	2	27
Bison	48	7	1	-	56
Spotted Deer	27	6	-	-	33
Barking Deer	13	7	-	-	20
Hog Deer	1	1	-	-	2
Swamp Deer	1	-	-	-	1
Black Buck	1	-	-	-	1
Sambar	6	1	-	-	7
Jungle Cat	5	1	-	-	6
Fishing Cat	2	-	-	-	2
Leopard Cat	3	1	-	-	4
Civet	4	1	-	-	5
Wild Boar	6	6	1	-	13
Hyaena	1	-	-	-	1
Jackal	3	-	-	-	3
Langur	3	6	-	-	9
Monkey	2	2	-	-	4
Dolphin	1	-	-	-	1
Crocodile	2	-	-	-	2
Python	-	2	-	-	2
Mongoose	1	-	-	-	1
Tokay Gecko	2	-	-	-	2
Porcupine	1	-	-	-	1
Total	98	72	6	2	134



Death of Wild Animals caused by Train accident during 2013-14

Species	Date and time	Place of occurrence	Description	Number	Cause of Death
Elephant	30.05.2013 (4.40 AM)	In between Banarhat & Binnaguri Railway Station, Jalpaiguri Division	Female, Adult- 2 Nos. (Both Pregnant) Male, Calf-1 No. Injured - 2 Nos. (Female, Adult-1 & Male, Adult-1, both died later)	5 Nos.	UP Mahananda Link Express
	10.10.2013 (6:50 AM)	Mongpong-7, Chel Range, Kalimpong Division	1 No.	1 No.	Siliguri-Alipurduar Passenger Train (75715 UP)
	12.10.2013 (6.33 PM)	Mouza Kumari of Manikpara Range, Jhargram Division	Male, Sub-adult-1 No. (6-7 yrs.)	1 No.	Train accident by E/12022DN-Express
	13.11.2013 (5:30 PM)	In between Chalsa to Jaldhaka Bridge, Hillajhora-2, Nagrakata Beat of Chalsa Range, Jalpaiguri Division	Male, Sub-adult-2 Nos. Female, Sub-adult-1 No. Female, Adult-2 Nos. Injured - 1 No. (Female, Adult-1)	6 Nos.	Kabiguru Express One injured elephant (Female, Adult) died on 15.11.13.
Python	14.04.2013	On Railway track near 63/1, Gorumara WL Division	Male	1 No.	-

Death of Wild Animals caused by Road accident during 2013-14

Sl. No.	Animal died	Date of occurrence	Place of occurrence	Number
1.	Leopard (Male, Cub)	28.06.2013	On NH-31, Central-I Comptt. of Bichabhanga Beat under Gorumara South Range	1 no.
2.	Gaur	22.02.2014	NH-31C, Mantharam Beat area in Kodalbasti Range	1 no.
3.	Spotted Deer (Male, Calf)	18.04.2013	Panchet Division	1 no.
	Spotted Deer (Male, Calf)	20.04.2013	Panchet Division	1 no.
	Spotted Deer (Male, Calf)	21.04.2013	Panchet Division	1 no.
	Spotted Deer (Female, Calf)	14.03.2014	Panchet Division	1 no.
4.	Barking Deer (Male, Adult)	13.05.2013	NH-31C, Poro-9 Comptt., West Garam Beat under West Damanpur Range	1 no.
	Barking Deer (Male, Adult)	12.06.2013	On NH-31 near Check Post, South Indong-II of Gorumara Beat under Gorumara South Range	1 no.
5.	Jungle Cat (Male, Adult)	05.01.2014	NH-31 in between Damdim More and Chaiti Bridge near Army Camp	1 no.
6.	Wild Boar (Female, Calf)	10.06.2013	23rd Mile, SRVK-7-8 Comptt., WRVK Beat under WRVK Range	1 no.
	Wild Boar (Female, Calf)	10.11.2013	On NH-31 near Khunia Beat Complex	1 no.
7.	Langur (Male, Adult)	24.08.2013	Md. Bazar, Birbhum Division	1 no.
8.	Civet (Male, Adult)	17.10.2013	Lava-7, Lava Beat of Lava Range	1 no.

Death of elephants caused by electrocution during 2013-14

Date of incidence	Sex	Age	Place of incidence	Division	Remarks
13-Jun-13	Male	35-40 yrs.	Mouza Ban Bhedua under Khag Beat of Beliatore Range	Bankura (North) Division	Accident
25-Jul-13	Male	30 yrs.	Army Cantonment Station Head Quarter, DPO Unit, Wildlife Squad-III, Binnaguri	Gorumara WL Division	Accident
24-Aug-13	Female	10 yrs	Binnaguri Army Cantonment Area of Wildlife Squad-III	Gorumara WL Division	Accident
28-Sep-13	Female		Mouza-Patharkata, Vill-Kistapur under Garhbeta Range	Rupnarayan Division	Accident
13-Oct-13	Male	15-16 yrs.	Kanjali Basti (North) of Madarihata Beat under North Rydak Range	Buxa Tiger Reserve (East)	Accident
31-Dec-13	Male (Tusker)	40 yrs.	In the agricultural field under a high tension line near Sayergram about 2 km. east of Barjora Range Office in Barjora P.S.	Bankura (North) Division	Accident

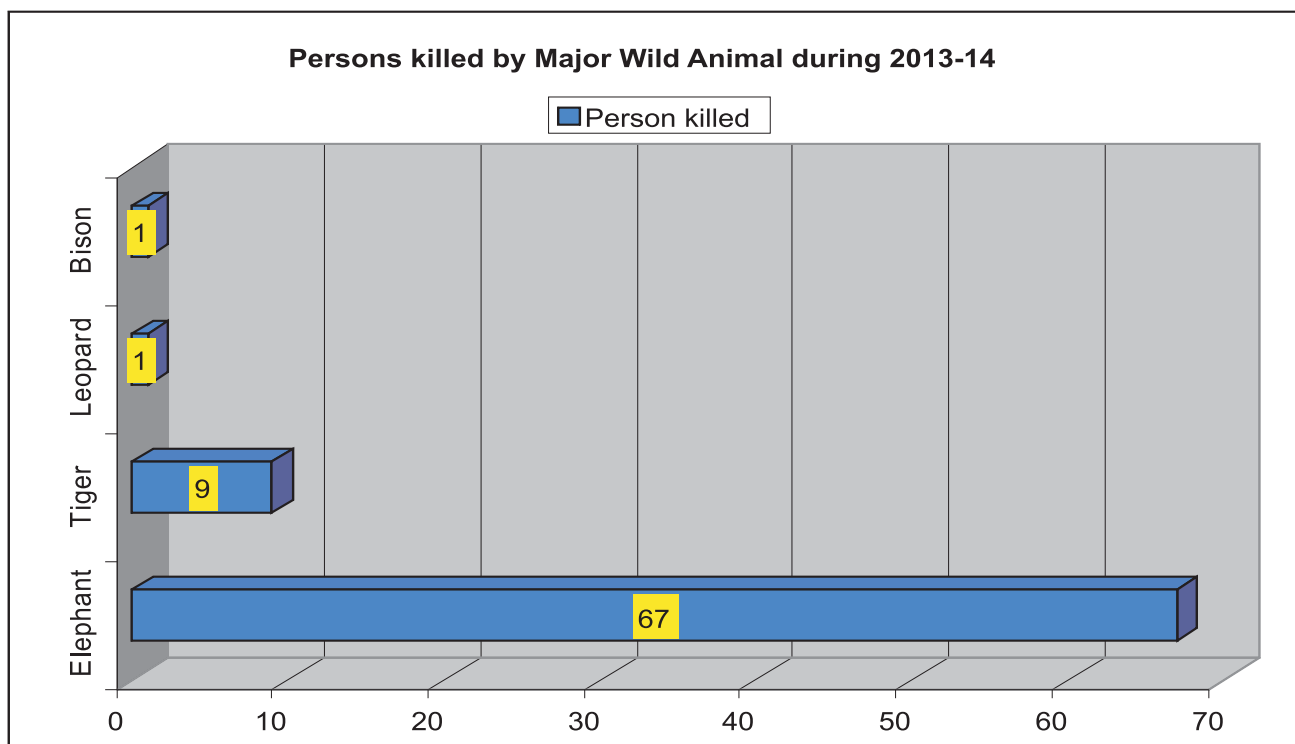
Death of Departmental Elephants during 2013-14

Sl. No.	Date of incidence	Sex	Age	Division	Place of incidence	Cause of Death	Remarks
1.	23-Jun-13	Female	60 yrs.	Buxa Tiger Reserve (East)	South Rydak Beat	Natural	Deptt. elephant 'Pramila'
2.	13-Jul-13	Male	Calf	Jaldapara Wildlife Division	Jaldapara Pilkhana under Jaldapara East Range	Natural	Rescued elephant calf 'Bishnu'
3.	16-Oct-13	Male	-	Jaldapara Wildlife Division	Torsa-3 Comptt., Kunjanagar Beat Complex under Jaldapara West Range	Natural	Deptt. elephant 'Nilkanta'
4.	02-Nov-13	Female	Calf	Jhargram Division	Jhargram Mini Zoo of Dhabani Beat of Jhargram Range	Natural	-

Person killed /injured by Wild Animals during 2013-14

Species	Person killed	Person injured	Total
Elephant	N.B. 31 + S.B. 36 = 67	N.B. 62 + S.B. 52 = 114	181
Tiger	STR. 7 + 24-Pgn(S). 2 = 9	STR. 1 + 24-Pgn(S). 6 = 7	16
Rhino	-	-	-
Leopard	1	74	75
Gaur	1	15	16
Crocodile	1	1	2
Bear	-	2	2
Leopard Cat	-	2	2
Hyaena	1	-	1
Wild Boar	1	2	3
Python	-	2	2
Monkey / Langur	-	8	8
Barking Deer	-	1	1

N.B. – North Bengal; S.B. – South Bengal



Forest Staff Killed / Injured by Wild Animal during 2013-14

Sl. No.	Name of the Staff	Designation	Killed/ Injured	Division
Elephant				
1.	Ajit Oraon	CDL Grass Cutter	Injured	Jaldapara WL Division
2.	Hare Krishna Roy	Ex-Head Forest Guard	Killed	Darjeeling WL Division
3.	Swapan Kumar Bhattacharjee	Head Forest Guard	Injured	Jaldapara WL Division
Leopard				
1.	Sri Tarun Mahalanabish	Forest Ranger	Injured	Gorumara WL Division

Straying of Wild Animals during 2013-14

Species	Date	Animal Description	Location	Management Action	Extent of damage	Remarks
Tiger	18.10.13	Tiger	Bagmari, Jharkhali FPC	Special patrolling along with EDC members was performed	-	Returned back to forests on 20.10.13
	24.12.13	Tiger	Jharkhali village	-do-	-	Returned back to forests on 26.12.13
Rhino	01.08.13	Calf, 3 years	Torsa-2 Comptt., Kunjanagar Beat of JPW Range	None	Expired on 01.08.13 at about 3-30 PM	-
Himalayan Black Bear	2013-14	Black Bear, Male, 2 yrs.	Kumargram Tea Garden	Rescued but it was found to be injured and maggot formation, brought to Vet Centre but expired during treatment	None	-
Leopard	16.05.13	Male, 12 years	Looksan Bazar	The animal was tranquilized for rescue and brought to Gorumara for necessary treatment and release, but died before any treatment.	Sri Tarun Mahalanobish F.R. and five local people were injured.	The leopard was died due to major cut injury on his neck & head.
	01.09.13	Leopard, female	MES Complex of Hasimara Airforce	Rescued in injured condition	-	Expired during treatment
	01.11.13	Leopard	Jirkadhura	Tranquilized the animal but during translocation the animal was died.	-	Died during translocation
	01.11.13	Leopard	Chilkhadura	Tranquilized the animal but during translocation the animal was died.	-	Died during translocation
	07.01.14	Leopard, male	Murti FV	Tranquilized the animal but during translocation the animal was died.	-	Died during translocation
	2013-14		Paschim Chengmari	Rescued and released into core area of BTR(E) Division	2 cattle and 4 goat listing	-
	29.01.14	Female, 3 yrs	Rajabhatkhawa T.G.	Captured by cage & released at 25 th Mile tower area	None	-
	12.03.14	Female, 4 yrs.	Forward Nagar, Hamiltonganj	Tranquilized & released at 22 nd Mile tower area	None	-

Species	Date	Animal Description	Location	Management Action	Extent of damage	Remarks
Gaur	18.05.13	Male, 7-8 years	Torsa-3 Comptt., Bendaki Beat of JPW Range, Kadambini T.G.	Rescued and released to forests	-	Expired later
	08.06.13	Male, 14 years	Red Bank T.E.	At Red Bank T.E. found 2 Nos. of Wild Bison in the Tea Garden, initially they were alive, at about 1:30 pm Bull was died and the carcass of bulls sent to Gorumara NP.	-	-
	08.06.13	Female, 8 years	Diana T.E.	Died in a drain at 6:15 p.m. in the Boundary of Diana and Debpara T.E. then this bison carcass sent to GNP.	-	-
	08.09.13	Male, 15 years	Huldibari T.E.	Tranquilized the Gaur expired in the transit.	-	-
	29.10.13	Male	Near Banarhat Station	Driven to Rathi Forest	Injured one person, send to NBMC Siliguri for treatment.	-
	07.12.13	Gaur	Kathalguri T.E.	Tranquilized the Gaur but during translocation it was expired.	Injured 5 persons, send to Hospital for treatment.	Died during translocation
	10.01.14	Gaur (3 Nos.)	Mathura	2 Nos. Gaur tranquilized and released in forest and 1 No. has been driven in the forest	-	-
	11.01.14	Gaur	Mathura	Driven in forest	-	-
	12.01.14	Gaur	Dakshin Sonapur	After tranquilization it was released in BN-1 Comptt.	-	-
	16.01.14	Gaur	Kumlai, Khoar More	Tranquilized the Gaur but expired.	-	Died during translocation
	01.03.14	Male, 5-6 yrs.	Patkapara village	Tranquilized and released at Chilapata Forest	None	-
	20.03.14	Male, 6-7 yrs.	Jitpur village, Damanpur	Tranquilized and released at 22 nd Mile road	None	-
	20.03.14	Male, 6 yrs.	2 No. Assam Gate, Alipurduar Town	Tranquilized and released at 25 th Mile tower area	None	-
	20.03.14	Female, 6 yrs.	Banchukamari village	Tranquilized and released at 25 th Mile tower area	None	-
	21.03.14	Female, 4-5 yrs.	Topshikhata village	Tranquilized and released at Chilapata forest area	None	-
	28.03.14	Male, 4-5 yrs.	Dima Tea Garden	Tranquilized and released at 25 th Mile tower area	None	-
	28.03.14	Gaur	Kolabari	Tranquilized the Gaur but expired in the transit.	-	Died during translocation
	28.03.14	Gaur, Female	Neora Khola Busti	Tranquilized-2 Nos. & 1 No. Drived to Lataguri Forest Area.	-	-

**Payment of Ex-gratia Relief for *Wild Animal depredation in West Bengal*
for the period 2013-14**

Division	Person killed (No.)	Person injured (No.)	Compensation paid for human life & injury (Rs.)	Livestock killed/ injury (No.)	Compensation paid for livestock killed (Rs.)	Hut damage (No.)	Compensation paid for hut damage (Rs.)	Crop damage (Ha.)	Compensation paid for crop damage (Rs.)	Total Compensation (Rs.)
Darjeeling WL	1	3	199013.00			58	101100.00	1138.00	545940.00	846053.00
Gorumara WL	18	123	2968087.00	2	1100.00	42	90000.00	22.65	169900.00	3229087.00
Jaldapara WL	3	10	596464.00	174	157200.00	370	486200.00	329.67	696300.00	1936164.00
Buxa Tiger Reserve (W)	1	11	153447.00	38	29550.00	382	567500.00	1649.00	1202900.00	1953397.00
Buxa Tiger Reserve (E)	2	5	605530.00	114	106080.00	84	449820.00	241.50	1388070.00	2549500.00
Jalpaiguri Division	2		40000.00	49	24500.00	415	922500.00	287.70	2157750.00	3144750.00
Kurseong Division	2	11	228782.00	59	62400	290	396900.00	330.20	2476500.00	3164582.00
Baikunthapur Division	5	1	276128.00			637	1049385.00	378.596	2840133.00	4165646.00
Coochbehar Division							2700.00	628.750	20970.00	23670.00
Rupnarayan Division	7	3	747251.00			87	177000.00	415.776	3118320.00	4042571.00
Kharagpur Division	2		100000.00			11	55000.00	782.00	3128350.00	3283350.00
Jhargram Division	5	1	500000.00			82	258300.00	149.28	1101949.00	1860249.00
Bankura (North)	9	17	957000.00			449	2200000.00	1122.00	8415000.00	11572000.00
Bankura (South)	5	1	501692.00			22	33990.00	15.58	116800.00	652482.00
Burdwan Division		1	32280.00					22.92	171900.00	204180.00
Purulia Division	3	19	161000.00	5	3750.00	144	295950.00	223.78	1678350.00	2139050.00
Panchet Division	3	2	324940.00			113	247530.00	950.87	2647170.00	3219640.00
Birbhum Division		5	11650.00			5	5050.00	0.30	7380.00	24080.00
24-Parganas (South)	2	7	203000.00							203000.00
Sundarban Tiger Reserve	7	1	0.00							0.00
Medinipur Division	3	8	428000.00			16	175570.00	252.10	1869292.00	2472862.00
Total	81	229	9034264.00	441	384580.00	3207	7514495.00	8940.67	33752974.00	50686313.00

* includes figures of backlog cleared during the year

Chapter 8: Wildlife Offences



Seizure of Wildlife and Wildlife articles in West Bengal

Control of illegal trade in wildlife articles poses a major challenge to the Forest Department of West Bengal. Due to the geographic location of West Bengal and the prevailing socio-economic scenario of the region, West Bengal has become a major transit point in the movement of the illicit wildlife and its articles.

The Wildlife Wing of the West Bengal Forest Department, in coordination with other enforcement agencies like the Wildlife Crime Control Bureau, the Police Department, Customs authorities, etc. keeps a strict vigil to prevent such activities. Of late, the Wildlife Wing has been successful in apprehending a number of offenders involved in busting of illegal rackets involved in such activities, both in the North Bengal and in Kolkata.



Seizure of wildlife & wildlife articles made by Forest Department during the year 2013-14

Division	Wildlife items seized	Quantity	POR	COR	UDOR
24-Parganas (South) Division	Tokay Gecko	2 No.	4	1165	60
	Dead spotted deer	1 no.			
	Sting Ray	4 Nos.			
	Guitar fish	9 Nos.			
Baikunthapur Division	Deer Flesh		6	0	0
	Pangolin Scale	70 Kg.			
	Sea Horse	5 Kg.			
	Leopard skin	1 no.			
	Tokay Gecko	3 Nos.			
	Red Sand Boa	1 no.			
Buxa Tiger Reserve (East) Division	Wild Boar	1 no.	10	208	937
	Barking Deer flesh	3 Kg.			
Buxa Tiger Reserve (West) Division	Gaur	1 no.			
	Elephant tusk	1 (one) 1.490 Kg			
	Barking Deer	Full body			
	Wild Boar	Full body-51 Kg.			
Darjeeling WL Division	Pangolin Scale/Skin	44 Kg.	3	7	193
Gorumara WL Division	Piglet (dead)	2 Nos.	3	26	31
	Turtle	1 no.			
	Body parts of Gaur	1 no.			
	Peacock (dead)	1 no.			
Jaldapara WL Division	Rhino Horn	1 no.	15	70	12
	Rhino hoofs	2 No.			
	Body parts of Leopard (Skull, jaw & other parts)	85 pcs.			
	Live Gecko	4 Nos.			
	Elephant tusk	2 No.			
	Live Gecko	3 Nos.			
	Live Yellow Monitor Lizard	1 no.			

Division	Wildlife items seized	Quantity	POR	COR	UDOR
Kalimpong Division	Skull & skeletal part of an elephant	1 no.	0	0	1
Kharagpur Division	Snakes	38 Nos.	5	108	17
Raiganj Division	Snake	1 no.	2	0	0
Sundarban Tiger Reserve	Shark	1 no.	1	2577	11
	Ray Fish	3 Nos.			
Wildlife (Headquarters)	Partly made Mongoose hair brush	1392 Nos.	42	5	43
	Raw mongoose hair	9046 Gm.			
	Terrapin	206 Nos.			
	Dead coral	44 Nos.			
	Live coral	11 Nos.			
	Gecko	8 Nos.			
	Turtle (live)	18 Nos.			
	Turtle shell	2 Nos.			
	Birds	997 Nos.			
Birbhum Division	-	-	1	0	0
Purulia Division	-	-	7	178	61
Kangsabati North Division	-	-	2	103	44
Medinipur Division	-	-	4	353	80
24-Parganas (North) Division	-	-	0	0	9

Burning of seized Wildlife Articles



Chapter 9: Training & Awareness Programme



Training and Awareness generation programmes on Wildlife

Awareness generation on wildlife conservation, is the major thrust area of the wildlife administration of West Bengal. The targeted segments include school children, members of the judiciary, parallel enforcement agencies like the Police Department, Customs, the military, NGOs and even prisoners serving jail sentences. It is an accepted fact that the rise in awareness levels act as a catalyst towards the reduction of wildlife crimes.



as well as those of the veterinary officers associated with this wing. The training programme also aims at bringing together various NGOs working in the field of wildlife conservation by exchange of ideas, experiences and knowledge on curbing illegal wildlife trade. (Training on legal issues for various law enforcement agencies was organized to strengthen the collaboration between Wildlife Wing and various wildlife law enforcement agencies.) Large no. of Training programmes were organised for forest staff, FPC/EDC members and NGOs regarding census operation of wild animals.

The details of awareness generation as well as training programme on wildlife in West Bengal during 2013-14, are as follows:

Sl.	Date	Location	Topic	Organized by	No. of participants
1.	12.04.2013	Banarhat TG	Man-animal conflict	Binnaguri Squad Range	65 Nos.
2.	29.04.2013	MIC, Sajnekhali	Arms training	Sundarban Tiger Reserve	Field staffs upto Forest Ranger
3.	30.04.2013	MIC, Sajnekhali	Inland Crab/Prawn Culture	Sundarban Tiger Reserve	SHG Groups along with field staff
4.	07.05.2013	Upper Kalabari	Man-animal conflict	Binnaguri Squad Range	35 Nos.
5.	23.05.2013	Nepuchapu TG	Man-animal conflict	Mal Squad Range	22 Nos.
6.	23.05.2013	Jalapara Village	Man-animal conflict	Binnaguri Squad Range	46 Nos.
7.	28.05.2013	Duramari Village	Man-animal conflict	Binnaguri Squad Range	36 Nos.
8.	13.06.2013	NIC, Madarihat	Guide training	Jaldapara Wildlife Division	23 Nos.
9.	14.06.2013	Chunabhati TG	Man-animal conflict	Binnaguri Squad Range	17 Nos.
10.	10.07.2013 to 18.07.2013	In and around Kolkata & Howrah	Awareness campaign during Rathyatra	Wildlife (HQ)	Common local public
11.	14.07.2013 to 20.07.2013	Different parts of Kolkata	Celebration of Aranya Saptaha / Day (Banmahatsob)	Wildlife (HQ)	Common local public
12.	16.07.2013	Binnaguri Army Cantonment	Wild Elephant driving	Binnaguri Squad Range	65 Nos.
13.	17.07.2013	Binnaguri Army Cantonment	Wild Elephant driving	Binnaguri Squad Range	72 Nos.
14.	22.07.2013 to 23.07.2013	MIC, Sajnekhali	Tranquilization training	STR with Wildlife Wing	Field staffs upto Range Officers
15.	29.07.2013	La Martiniere for Girls School	Global Tiger Day	Wildlife (HQ)	School student from 17 Schools
16.	03.08.2013	MIC, Sajnekhali	Meeting on Implementation of JFM System	Sundarban Tiger Reserve	Field staffs upto Forest Ranger

Sl.	Date	Location	Topic	Organized by	No. of participants
17.	14.08.2013	Chakla Basti	Man-animal conflict	Mal Squad Range	38 Nos.
18.	25.09.2013	NIC, Madarihat	Interaction with JFMC/ Assam with Jaldapara EDC	Jaldapara Wildlife Division	71 Nos.
19.	04.10.2013	NIC, Madarihat	Wildlife protection	Jaldapara Wildlife Division	12 Nos.
20.	06.10.2013	NIC, Madarihat	Training on tranquilization	Jaldapara Wildlife Division	11 Nos.
21.	11.10.2013 to 16.10.2013	Different parts of Kolkata	Awareness campaign during Durga Puja Festival	Wildlife (HQ)	Common local public
26.	14.11.2013 to 17.11.2013	Domjur	Awareness campaign during Domjur Mela	Wildlife (HQ)	Common local public
27.	19.11.2013	NIC Rajabhatkhawa	Training programme for Herbivores Census	Buxa Tiger Reserve	58 Nos.
28.	03.12.2013	NIC, Madarihat	Workshop on Jaldapara with FG trainees	Jaldapara Wildlife Division	35 Nos.
29.	07.12.2013	Doors Jagoron, Banarhat	Man-animal conflict	Binnaguri Squad Range	11 Nos.
30.	18.12.2013	Different parts of Kolkata	Wildlife Day celebration	Wildlife (HQ)	School Students of different Schools
31.	03.12.2013	NIC Rajabhatkhawa	Meeting with Owners, guides and drivers of Jungle Safari	Buxa Tiger Reserve	80 Nos.
32.	20.12.2013	NIC Rajabhatkhawa	Training on All India Tiger Estimation – Carnivore sign survey	Buxa Tiger Reserve	78 Nos.
33.	23.12.2013	NIC, Madarihat	GPS Training	Jaldapara Wildlife Division	29 Nos.
34.	26.12.2013	NIC, Madarihat	Quiz Competition	Jaldapara Wildlife Division	30 Nos.
35.	01.01.2014	MIC, Sajnekhali	Training on prey base density estimation	NTCA, Wildlife Institute of India	Field staffs and officers
36.	16.01.2014	Anandapur TG	Man-animal conflict	Mal Squad Range	18 Nos.
37.	17.01.2014 to 19.01.2014	Bidhannagar	Awareness campaign during Bidhannagar Phool Mela	Wildlife (HQ)	Common local public
38.	18.01.2014	Mangalkata TG	Man-animal conflict	Binnaguri Squad Range	41 Nos.
39.	30.10.2014	NIC, Madarihat	Workshop on Snake	Saving Tiger Authority & SPOAR (Apd.)	50 Nos.
40.	16.02.2014	Gorumara Tent, Murti	Rescue of wild animal	Sukna Squad Range	30 Nos.
41.	23.02.2014	NIC, Madarihat	Workshop on GPS, Protection & in-lieu TP	Jaldapara Wildlife Division	28 Nos.
42.	25.02.2014	Doors Jagoron, Banarhat	Man-animal conflict	Binnaguri Squad Range	14 Nos.
43.	05.03.2014	NIC, Madarihat	Workshop on Elephant Census	Jaldapara Wildlife Division	21 Nos.
44.	06.03.2014	NIC / Lataguri	Rhino Census Training (NGO)	Gorumara Wildlife Division	45 Nos
45.	07.03.2014	Gorumara Tent, Murti	Rhino Census Training (Staff)	Gorumara Wildlife Division	91 Nos.
46.	26.03.2014	NIC, Madarihat	Workshop on GPS	Jaldapara Wildlife Division	27 Nos.
47.	30.03.2014	Hollong Pilkhana	Conservation of Elephants	Jaldapara Wildlife Division	63 Nos.
48.	30.03.2014	NIC, Madarihat	Training on Bird watching	Jaldapara Wildlife Division	21 Nos.

However, in few places of Kolkata and its surroundings, marketing and trafficking of Indian wild animals are taking place frequently in different seasons. In addition to keeping a close watch on them by Vigilance Cell of Wildlife Headquarters, a series of awareness programmes are organized through out the year in different places like Galiff Street, Boral bazar, Banerjeehat, Moulali etc. to send the message of Wildlife Conservation and its necessity among people. Street show, Quiz, Disribution of leaflets and posters in different festive seasons have been done in association with NGOs, School etc.



“Street Show”

Annexures



Forest and Protected Areas of West Bengal

District	Geographical Area	Recorded Forest Area	% of Recorded Forest Area	Area of PA (NP/Sanc/ Tiger Reserve)	% Protected (Wildlife) Areas of Forest Area
Darjeeling	3149	1204	38.23	404.6317	33.60
Jalpaiguri	6227	1790	28.75	1097.0799	61.24
Cooch Behar	3387	57	1.68	-	-
Bankura	6882	1482	21.53	-	-
Purba Medinipur	14081	1709	12.14	-	-
Paschim Medinipur					
Burdwan	7024	277	3.94	0.145	0.05
Purulia	6259	876	14.00	-	-
Birbhum	4545	159	3.50	2.021	1.27
Hoogly	3149	3	0.10	-	-
Nadia	3927	13	0.30	0.6686	5.14
Murshidabad	5324	8	0.15	-	-
Malda	3733	20	0.54	-	-
N.Dinajpur	3140	10	0.32	1.30	13.00
S.Dinajpur	2219	8	0.36	-	-
Kolkata	104	-	-	-	-
Howrah	1467	-	-	-	-
24 Pgs(S)	10159	4220	41.54	3147.20	74.58
24 Pgs(N)	3977	43	1.08	38.80	90.23
Total	88753	11879	13.38	4691.8462	39.50

* Area in Sq.Km.

Source: State Forest Report, 2012-13



Number of animal species recorded in West Bengal

Ref. Sanyal, A. K., Allfred, J. R. B., Venkataraman, K. Tiwari, S. K. and Mitra, Sangita, 2012.
Status of Biodiversity of West Bengal. 1-969 (Pub. Director, Zoological Survey of India, Kolkata).

Group	Number	Group	Number
Protozoa (Free living)	266	Dictyoptera	23
Protozoa { Symbiotic)	126	Isoptera	52
Protozoa (Parasitic)	743	Psocoptera	966
Porifera	16	Anoplula	73
Cnideria	23	Necoptera	3
Ctenophora	2	Coleoptera	1570
Centoda	93	Siphonoptera	13
Trematoda (Others)	97	Strepsiptera	14
Trematoda (Fish)	58	Pelaeastracha (Xiphosuz)	2
Rotifera	147	Arachnida (Spider)	409
Gastrotricha	24	Arachnida (Scorpiones)	14
Kinorhyncha	5	Ticks (Metastigmata)	32
Vertebrate Nematode	236	Astigmata (Mites)	33
Plant Nematode	70	Prostigmata (Mites)	282
Acanthocephala	15	Mesostigmata (Mites)	66
Sipuncula	3	Diplopoda	22
Mollusca (Fresh water & Land)	180	Chilopoda	9
Mollusca (Estuarine & Marine)	94	Phoronida	1
Echiura	3	Brachipoda	1
Annelida	68	Diptera	430
Fresh water Oligochaetes	194	Hemiptera	921
Crustacea	251	Bryozoa	9
Thysanura	9	Echinodermata	22
Collembola	15	Hemichordata	1
Diplura	1	Fishes (Marine)	403
Odonata	180	Fishes (Fresh water)	207
Plecoptera	210	Amphibia	39
Dermaptera	45	Reptilia 148	
Ephemeroptera	17	Mammalia	188
Mantoda	35	Aves	245
Plasmida	28		

Floral diversity in West Bengal

Sl. No.	Name of Group	Total Number of Species
1	Algae –	658
	a. Marine Algae –	50
	b. Others –	608
2	Fungi –	860
3	Lichens –	510
4	Bryophyta –	642
5	Pteridophyta –	530
6	Gymnosperms –	21
7	Angiosperms –	4387
	a. Monocots –	3237
	b. Dicots –	1150
8	True Mangroves	32

Officer and Staff position in Wildlife Wing, as on 31.03.2014

Sl No	Post	Wildlife Head Quarter			FD/BTR			Wildlife Circle (North)			Director/SBR		
		S	E	V	S	E	V	S	E	V	S	E	V
1	PCCF, WL, WB	1	1										
2	Addl. PCCF, WL, WB	1	1										
3	CCF, WB							1	1	0	2	2	0
4	CF, WB	1	1					1	1		1	1	0
5	DCF / DFO / DFD	1	1					3	3		3	3	0
6	AWLW / ADFO	2	1	1	5	2	3	5	4	1	3	4	
7	Reserch Officer										1	0	1
8	Personal Assistant	3	1	2				2	0	2	2	1	1
9	Head Clerk	2	2		3	2	1	4	4	0	1	1	0
10	Accountant	1	1		2	0	2	3	3		1	1	0
11	Upper Division Clerk	6	5	1	22	17	5	21	16	5	15	16	
12	Technical Asistent/Lab Assintant	1	1								1		1
13	Veterinary Officer / Veterinary Surgeon				1	1	0	1	1	0	0	1	
14	Draftsman	1	1					1	0	1	1	0	1
15	C.T				15	2	13						
16	Typist	3	3		1	1	0				3	1	2
17	Lower Division Clerk	8	1	7				23	4	19	18	1	17
18	Forest Ranger	9	3	6	25	22	3	38	29	9	32	17	15
19	Deputy Forest Ranger/Forester	8	7		75	50	25	92	78	14	65	49	16
20	Head Forest Guard	2	2		28	24	4	26	13	13	14	8	6
21	Forest Guard	12	10	2	233	155	78	278	181	97	171	95	76
22	Wildlife Guard							0	1	0			
23	Dakwalla	2	1	1	8	1	7	9	3	6	3	1	2
24	Oderly	10	4	6	25	20	5	36	27	9	21	20	1
25	Driver	2		2	9	4	5	17	4	13	3	1	2
26	Banasramik					119			248		94	94	
27	Banamajdoor/ Forest Majdoor		4			4		28	17	11			
28	Mali				2	2	0	13	9	4	2	1	1
29	Grass Cutter				2	2	0	21	10	11			
30	Permanent Watcher/ Forest Watcher/Forest Watchman				5	2	3	16	8	8	3	1	2
31	Cleaner				1	1	0	4	2	2			
32	Mahut				3	2	1	22	5	17			
33	Sweeper				2	1	1	5	1	4	4	3	1
34	Majhi										44	23	21
35	Boatman										101	47	54
36	Sareng										7	5	2
37	Engine Driver										9	6	3
38	OMG										9	4	5
39	Sukhalni										5	1	4
40	Laskar										16	8	8
41	Peon	1	1					3	4	0	6	5	1
42	O.P				6	4	2						
43	Darwan	1		1	1	0	1	3	2	1			
44	Bunlow Choukidar				10	5	5	14	9	5	4	2	2
45	Gate Operator							5	3	2			
46	Cook										2	0	2

Officer and Staff position in Wildlife Wing, as on 31.03.2014

Sl No	Post	Wildlife Head Quarter			FD/BTR			Wildlife Circle (North)			Director/SBR		
		S	E	V	S	E	V	S	E	V	S	E	V
47	Bearer							3	2	1			
48	Udyansramik										0	4	
49	Masalchi							1	0	1			
50	CDL(10 years & above)		4										
51	CDL(Below 10 Years)		1						204				
	Total	78	57	29	484	443	164	699	897	256	667	427	247

S - Sanctioned, E - Existing, V - Vacancy



SAVE WILDLIFE AWARENESS IN KOLKATA

Translocation of wild animals during 2013-14

Sl. No.	Species	Number	Captured from	Place of Release	Capture method Tranquilization, Trap Cage, others (specify)	Remarks
1.	Leopard	2 Nos.	Rasik Beel Mini Zoo	PNHZP, Darjeeling	Tranquilization	Good Condition
2.	Leopard	No.	Binnaguri Cantonment Stn. HQ.	Gorumara National Park	By Trapped Cage	Good Condition
3.	Leopard	No.	Moraghat T.E. N.G. Division	Gorumara National Park, Bamni Camp	By Trapped Cage	Good Condition
4.	Leopard	No.	Lakhipara T.E.	Chapramari-III Compartment	By Trapped Cage	Good Condition
5.	Leopard	No.	Lakhipara T.E.	Chapramari-III Compartment	By Trapped Cage	Good Condition
6.	Leopard	No.	Lakhipara T.E.	Chapramari-III Compartment	By Trapped Cage	Good Condition
7.	Leopard	No.	Lakhipara T.E.	Chapramari-III Compartment	By Trapped Cage	Good Condition
8.	Barking Deer	1 No.	Eco-Tourism Range, Lataguri.	Gorumara National Park	By tranquilization	Good Condition
9.	Sambar	1 No.	Eco-Tourism Range, Lataguri.	Gorumara National Park	By tranquilization	Good Condition
10.	Sambar	1 No.	Eco-Tourism Range, Lataguri.	Gorumara National Park	By tranquilization	Good Condition
11.	Barking Deer	1 No.	Eco-Tourism Range, Lataguri.	Gorumara National Park	By tranquilization	Good Condition
12.	Barking Deer	1 No.	Eco-Tourism Range, Lataguri.	Gorumara National Park	By tranquilization	Good Condition
13.	Barking Deer	1 No.	Eco-Tourism Range, Lataguri.	Gorumara National Park	By tranquilization	Good Condition
14.	Barking Deer	1 No.	Eco-Tourism Range, Lataguri.	Gorumara National Park	By tranquilization	Good Condition
15.	Spotted Deer	1 No.	Eco-Tourism Range, Lataguri.	Gorumara National Park	By tranquilization	Good Condition
16.	Spotted Deer	16 Nos.	Farakka Deer Multiplication Centre	Mahananda WLS	Trap Cages	2 died

Year wise record of release of Crocodile Hatchling from Crocodile Project, Bhagabatpur under 24-Parganas (South) Division

Year	Male	Female	Total	Progressive Total	Place of Release
1979	13	27	40	40	Parchamutli, Matla-II, Gosaba Pirkhali-I, Pirkhali-II, Lothian
1982	3	22	25	65	Netidhopani, Gowa-II, Chamta
1983	6	12	18	83	Netidhopani, Matla, Chandkhali
1984	6	15	21	104	Netidhopani, Chamta-II, Bhurkunda Khali, Bhagmari
1986	1	29	30	134	Netidhopani, Chotta Chamta Arbiga
1987	17	13	30	164	Pirkhali-7, Chhota Hodi Chamta-4
1988	15	12	27	191	Haldibari, Buridabri, Chamta
1989	1	12	13	204	Netidhopani, Panchamundi, Chamta-4
1991	11	9	20	224	Chamta-2 & 4, Netidhopani
1992	7	8	15	239	Matla-2 (Surajmukhi Khal)
1993	7	8	15	254	Khewra Shuli Narayantala, Chhoto Chamta-I
1994	3	18	21	275	Chotto Hardy Camp-2, Chand Khali Camp-4
1995	2	12	14	289	Ejukhali, Matla-I, Netidhopani
1996	5	10	15	304	Chamta-4, (Chandra Duani)
1997	4	10	14	318	Netidhopani, Chamta
1998	4	11	15	333	Netidhopani, Chamta
1999	14	6	20	353	Sajnakhali, Netidhopani, Bakkhali & Suddhannakhali
2000	-	-	-	-	-
2001	-	-	-	-	-
2002	5	15	20	373	Chamta, Netidhopani
2003	-	-	-	-	-
2004	1	1	2	375	Chulkati, Dhulibasani
2005	4	10	14	389	Chulkati-Sajnekhali
2006	2	4	6	395	Sundarikhati
2007	2	4	6	401	Sundarikhati khal in Ajmalmari-7 Reserved Forest Block
2008	-	-	-	-	-
2009	12	8	20	421	Chulkati-I
2010	-	-	-	-	-
2011	19	1	20	441	Chulkati-I
2012	-	-	-	-	-
2013	28	22	50	491	Chulkati-I & Dhulibasani



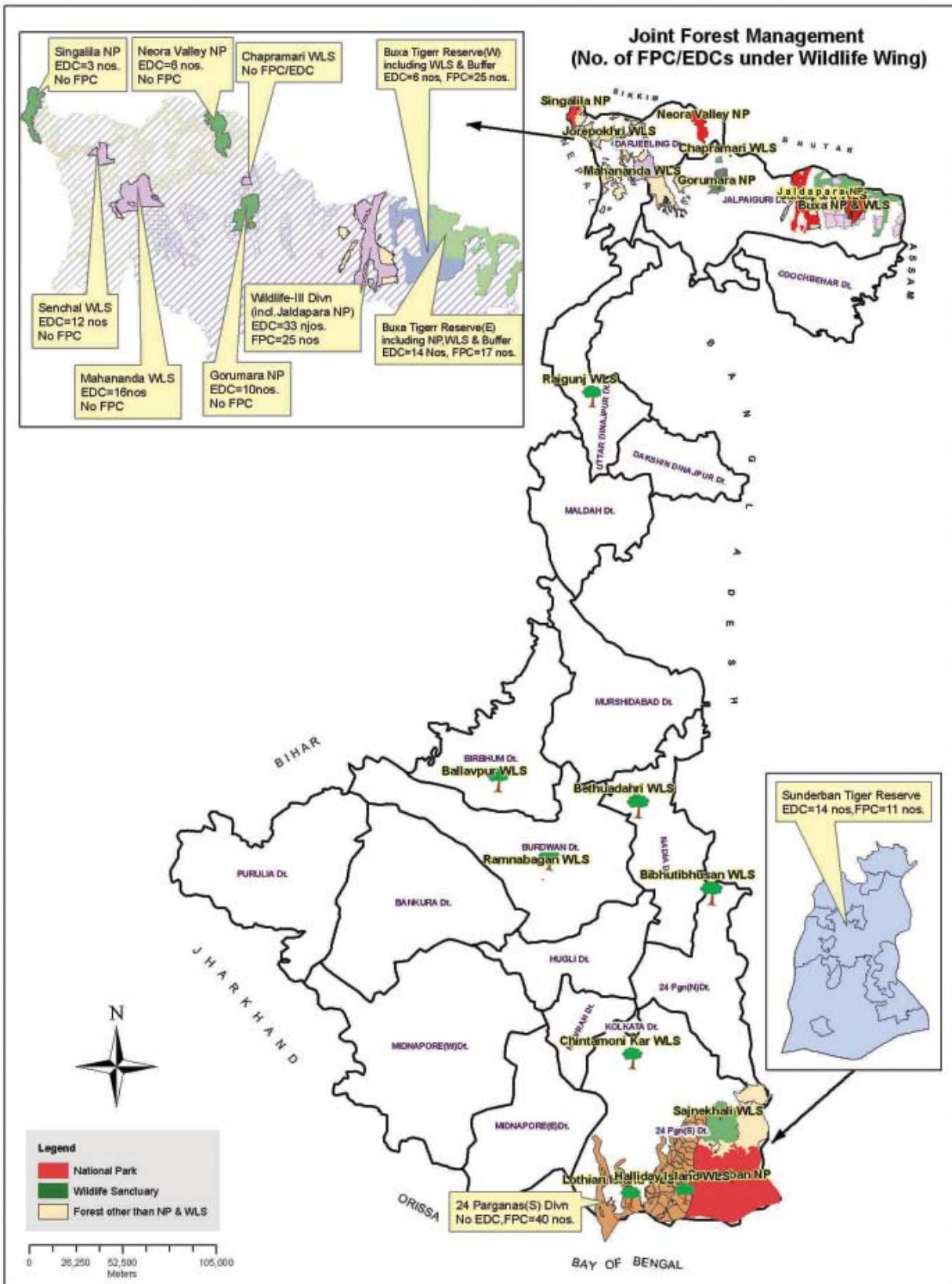
Joint Forest Management

List of FPC / EDC under the Wildlife Wing, West Bengal

Name of P.A./Division	Number of EDC	Number of FPC	Total (EDC+FPC)	Number of EDC members	Number of FPC members	Total members (EDC+FPC)	Total area Protected (in Ha.)
Jaldapara W1 Division (including Jaldapara NP)	33	25	58	7667	3920	11587	23011.18
Mahananda Wildlife Sanctuary	16	0	16	4961	0	4961	12421.05
Sundarban Tiger Reserve	14	11	25	4483	4065	8548	25194
24-Parganas (South)	0	40	40	0	24664	24664	43734
Gorumara National Park	12	0	12	2165	0	2165	7669.70
Senchal Wildlife Sanctuary	12	0	12	2371	0	2371	3800.51
Singhailla National Park	3	0	3	225	0	225	649.16
Neora Valley National Park	6	0	6	2892	0	2892	5673.86
Buxa Tiger Reserve (East)	14	17	31	1627	3443	5070	32866.06
Buxa Tiger Reserve (West)	6	27	33	612	4252	4864	25595.80
Grand Total	116	120	236	27003	40344	67347	180615.32

Number of Self-help Groups (SHG)

Darjeeling Wildlife Division = 18 Nos. (Women SHG = 15 Nos.)
 Gorumara Wildlife Division = 23 Nos. (Women SHG = 12 Nos.)
 Jaldapara Wildlife Division = 149 Nos. (Women SHG = 110 Nos.)
 Buxa Tiger Reserve (East) = 252 Nos. (all Women SHG)
 Buxa Tiger Reserve (West) = 165 Nos. (Women SHG = 151 Nos.)
 24-Parganas (South) = 155 Nos. (all Women SHG)



List of Wireless Sets, Vehicles and Firearms in the Wildlife Wing

Name of the Division	No. of Vehicle	No. of Wireless Sets	No. of Firearms
Wildlife Wing (Headquarters)	Car-2 Gypsy-1 Van-2 Hired Car-2 Total-7	Walkie Talkie-9	DBBL Gun-1 .315 Rifle-2 0.22 Rifle-1 Pump Action Gun-3 Air Gun-2 Total-9
Darjeeling Wildlife Division	Scorpio-1 GFC-1 Jeep (Mahindra)-6 DI-1 M. Van (seized)-1 TATA Specio (seized)-1 Total-11	Fixed Station (Short Wave-10, Long Wave-16)-26 Mobile Station (Short Wave-14, Long Wave-2)-16 Walkie Talkie (Short Wave-19, Long Wave-9)-28	12 Bore DBBL Gun-54 12 Bore SBBL Gun-5 .315 Rifle-14 0.22 Rifle-4 12 Bore Pump Action Gun-7 Total-84
Gorumara Wildlife Division	Mahindra Scorpio-1 Maruti Zypsy-2 Mahindra Jeep-2 Bolero Pick-up Jeep-2 Bolero Camper-1 Marshal Jeep (hired)-1 Commander Jeep-1 Motor Cycle-3 Tata Pick-up Van-1 Total-14	Fixed Station (Short Wave-8, Long Wave-11)-19, Mobile Station (Short Wave-0, Long Wave-5)-5, Walkie Talkie (Short Wave-8, Long Wave-6)-14	DBBL Gun-33 Pump Action Gun-9 0.315 Rifle-13 Pistol-1 Tranquillising Gun-6 Tele inject-1 Total-63
Jaldapara Wildlife Division	School Bus-1, Tractor-1, Jeep-4; Mahindra Marshal-3, Mahindra Maxx-2, Mahindra DP (Hired)-1, Truck-2; Pick-up Van (Hired)-1, Maruti Zypsy-3, Mahindra Bolero-6 Motor Cycle-5, Toyota Qualis-1 TATA 407-1, TATA 207-1 Total-32	Fixed Station (Short Wave-25, Long Wave-7)-32 Walkie Talkie (Short Wave-45, Long Wave-5)-50	DBBL Gun-71 Rifle-43 Pump Action Gun-12 SBBL Gun-24 Dart Gun-1 Total-151
Buxa Tiger Reserve (West)	Scorpio-1; Gypsy-3; TATA Sumo-1; TATA 407-1; Mahindra-1; Pickup Van-1; Bolero Campa-1; Motor Cycle-13 Total-22	Fixed Station (Long Wave)-39 Mobile Station-5 Walkie Talkie-21	DBBL Gun-47 SBBL Gun-1 Rifle-10 Pump Action Gun-6 Total-64
Buxa Tiger Reserve (East)	Gypsy-3; Scorpio-1; Hired Jeep-5; Hired Pickup Van-1 TATA 407-1; Dept. Vehicle-1; Bolero Camper-1; Motor Cycle-12; Total-25	Fixed Station-18 Walkie Talkie-35 Vehicle set-14 GPS set-15	DBBL Gun-68 SBBL Gun-4 .315 Rifle-21 0.22 Rifle-4 Pump Action Gun-4 Darting Gun-1 Total-102
Sundarban Tiger Reserve	Maruti Gypsy-1 Jeep-1; Motor Cycle-6; Catamaran-1; Mechanized Boat-4; Mechanized Dingi-12; Speed Boat-14; Launch-1; Accommodation Boat-6 Total-46	Fixed Station (Short Wave-56, Long Wave-10)-66, Mobile Station (Short Wave-0, Long Wave-1)-1, Walkie Talkie (Short Wave-67, Long Wave-6)-73	Rifle-73 Air Rifle-9 DBBL Gun-40 SBBL Gun-1 Pump Action Gun-9 Total-132
24-Parganas (South)	Tata Sumo-1 Gypsy-1 Mahindra Bolero-1 Total-3	Fixed Station (Short Wave-22, Long Wave-0)-22, Mobile Station (Short Wave-2, Long Wave-0)-2, Walkie Talkie (Short Wave-54, Long Wave-0)-54	Rifle-23 DBBL Gun-18 SBBL Gun-15 Total-56
24-Parganas (North)	NIL	NIL	NIL

List of Departmental Elephants as on 2014

Sl. No.	Identification Transponder ID	Name of Elephant	Age (approx.)	Source/ Origin (Captive bred / Captured / Purchased / Rescued / Seized / Other Sources)	Date of Birth	Place of Birth	Rescued or purchased or captured from	Sex	Shoulder height	Dimensions (to mt.) Ear to tip (forehead to tail base)	Circumference of front right leg	Name of Mother	Present location & Range	Division	Present use	Any other relevant informations	Name of Mahut with designation (Pmt/DL/CDL)	Name of Patwalla (Pmt/DL/CDL)	
1	00064D8C34	URMILA	35 yrs.	Purchased	NK		Sonepur Mela on 06.11.87	Female	2.65	3.30	1.40	NK	Ghoramara	Buxa Tiger Reserve (East)	Patrolling	Calm	Sri Lakhon Rava, DL	Sri Anil Kaptec, DL	
2	00064839F5	CHAMPALDE VI	57 yrs.	Seized	NK		Seized from "Rocky Circus", captured on 16.03.03	Female	2.42	3.94	1.11	NK	South Jayanti	Buxa Tiger Reserve (East)	Patrolling	Calm & predictable	Sri Krishan Kanta Barman	Sri Joakim Lakra	
3	00064DB659	CHANDRIM A	12 yrs.	Captive Bred	30.05.2001	Manakata	NA	Female	1.86	2.89	0.99	Champaarani	Wild	Buxa Tiger Reserve (East)	Patrolling	Calm & predictable	Sri Ajit Kr. Das, DL	Sri Nam Gopal, DL	
4	0006477931	CHAMPARA NI	50 yrs.	Purchased	NK		Sonepur Mela on Nov.91	Female	2.39	3.28	1.26	NK	Chupra	Buxa Tiger Reserve (East)	Patrolling	Aggressive	Sri Nikhil Barman, Pmt.	Sri Bijoy Rai, CDL	
5	Transponder not embedded	MADHURI	9 Yrs.	Captive Bred	26.06.2005	Jaldapara	NA	Female	1.95	2.98	0.78	Menoka	Wild	Buxa Tiger Reserve (East)	Patrolling				
6	00064DB155	SUMAN	21 Yrs.	Captive Bred	07.11.1993	Jaldapara	NA	Male	2.46	3.40	1.06	Sundaramoni	Wild	Buxa Tiger Reserve (East)	Patrolling				
7	00064D710B	SINGHESWAR I	70 yrs.	Purchased	NK		Sonepur Mela, Bihar on 1970	Female	2.40	3.51	1.10	NK	Checko Beat under East Damanpur Range	Buxa Tiger Reserve (West)	Retired from service	Calm & predictable	Sri Subhash Rava, DL	Sri Suman Dev, Temp	
8	00064DBC3E	NONAI	20 yrs.	Captured	NK		Ranjan forest Beat (East Midnapore Div.) found abandoned & injured, left by elephant herd of Dalma on 27.12.94	Male, Tusker	2.69		1.03	NK	Checko Beat under East Damanpur Range	Buxa Tiger Reserve (West)	Patrolling duty since 2003	Calm	Sri Sai Kr. Ekka, CDL	Sri Sanjoy Narjainy, CDL	
9	0006483507	DEBIANI	38 Yrs.	Other Source	1976	NK	Brought from Alipore Zoo on 18.01.1998	Female	2.30	2.9	1.18	NK	Gulma Beat, West Range	Darjeeling Wildlife Division	Patrolling		Ram Karki	Subash Lakra	
10	00064DB153	KARNO	13 Yrs.	Captive Bred	14.10.2001	Jaldapara	NA	Male, Malka	2.40	2.80	1.07	Kuntalini	Wild	Darjeeling Wildlife Division	Patrolling		Anmol Roy	Amasha Khertia	
11	Transponder not embedded	SAHRUL	11 Yrs.	Captive Bred	12.04.2003	Jaldapara	NA	Male, Malka	2.26	3.30	1.14	Sakuntala	Wild	Balkumthapur Division	Rhino Monitoring & Patrolling		Kamal Rava, CDL	Runa Kharia, DL	
12	Transponder not embedded	LALITA	9 Yrs.	Captive Bred	21.05.2005	Hollong	NA	Female, Malka	1.98	2.85	0.99	Laxmi	Wild	Balkumthapur Division	Rhino Monitoring & Patrolling		Sikhu Roy, CDL	Pradip Barman, DL	
13	00064EF116	KABERI	16 Yrs.	Captured	NK		Captured at Gorbea Range East Midnapore on 27.11.1996	Female	2.30	3.45	1.10	Wild	Tendu Camp of Khunia Beat, Gorumara North Range	Gorumara WL Division	Patrolling		Sri Binod Bhujel, D/L	Sri Apam Roy, D/L	
14	00064DC8B9	SURYA	22 Yrs.	Captured	NK		Captured from Sonamukhi Range (Bankura).	Male	2.53		1.32	Wild	Dhuphora Beat, Gorumara South Range	Gorumara WL Division	Patrolling & Tourism		Dinabondhu Barman, BS	Faridul Haque, DL	
15	00064D88BF	MOTIRANI	12 Yr. 9 Mth.	Captive Bred	28.08.2000	Holong Wildlife Division-III	NA	Female	2.25		1.15	MURTHIRANI	Wild	Gorumara WL Division	Patrolling & Tourism		Subodh Oraon, DL	Sejam Oraon, DL	
16	00064D8642	RAMI	14 Yr. 4 Mth.	Captured	NK		Captured from Chandrabali Range, West Midnapur.	Female	2.10		1.09	Wild	-DO-	Gorumara WL Division	Patrolling & Tourism		Badal Roy, DL	Joydeb Roy, DL	
17	0006484BAA	AMAN	17 Yr. 5 Mth.	Captured	NK		Captured on 21.12.2001 at Sonamukhi Range, Bankura, (N) (Approx age 6 Yr. on that time)	Female	2.09		1.10	Wild	-DO-	Gorumara WL Division	Rest		Anukul Ch. Roy, DL	Jogesh Roy, DL	
18		BARSAN	12 Yr. 9 Mth.	Captive Bred	03.09.2010	Dhuphora Pilibhata	NA	Female	1.30		0.65	AMAN	-DO-	Gorumara WL Division	Training			Nemai Dev, DL	

NK = Not Known

* Dimension and Description :- Shoulder height (Ht.) and Circumference of front leg (FL)

** Source of Origin :- Captive bred / Captured / from Mela / Rescue from / Seized from / Other Source

List of Departmental Elephants as on 2014

Sl. No.	Identification Transponder ID	Name of Elephant	Age (approx.)	Source/ Origin (Captive bred / Captured / Purchased / Seized / Other Sources)	Date of Birth	Place of Birth	Sex	Shoulder height	Body length (forehead to tail base)	Circumference of front right leg	Name of Mother	Present location & Range	Division	Present use	Any other relevant informations	Name of Mahout with designation (Pmt/DL/CDL)	Name of Patwala (Pmt/DL /CDL)
19	00064DFI27	TEESTA	11 Yrs.	Captured	NK	NK	Female	1.98	0.97		Wild	Badhura Beal, Gorumara South Range.	Gorumara WL Division	Patrolling & Tourism		Abdul Rejaak, DL	Refiqul Haque DL
20	00064/CAIE	KIRANRAJ	15 Yr. 5	Captive Bred	13.01.1998	Halong Hills, Hailong, Phikiana	Male	2.52		1.22	MURTRANI	-DO-	Gorumara WL Division	Patrolling & Tourism		Sujay Sha, DL	Jaharal Ozaon, DL
21	00064/9B69	CHANDAN	12 Yr. 4 Mth.	Captive Bred	11.01.2001	Halong Hills, Phikiana	Male	2.42		1.30	CAMPAKALI	-DO-	Gorumara WL Division	Patrolling		Dip Kheriya, DL	Satishkawa Ozaon, DL
22	00064E70C9	MEGHALAL	58 Yr.	Seized	NK	NK	Male	2.77		1.40	NA	-DO-	Gorumara WL Division	Rest		Prakash Khariya, DL	Tena Kawaar, DL
23		BHOLANATH	10 Yrs	Captured	NK	NK	Male	2.10		1.05	Wild	Gorumara Beal, Gorumara South Range	Gorumara WL Division	Patrolling		Satish Roy, DL	Apan Roy, DL
24	00064/DS1C	SHILABOTI	31 Yrs.	Captured	NK	NK	Female	2.50		1.25	Wild	Garati Camp	Gorumara WL Division	Patrolling		Ramesh Ozaon, DL	Apa Roy, DL
25		DIANA	6 Yr. 9 Mth.	Captured	NK	NK	Male	1.80		0.90	Wild	Gorumara Beal, Gorumara South Range	Gorumara WL Division	Patrolling		Papa Roy, DL	
26	00064/DE40	HILLARY	15 Yrs.	Captured	NK	NK	Female	2.28		1.14	Wild	Gorumara Beal, Gorumara South Range.	Gorumara WL Division	Patrolling		Sanjit Roy, DL	Sunil Kharia, DL
27	00064/CAIE	FULMOTI	17 Yrs.	Seized	NK	NK	Female	2.28		1.14	Wild	-DO-	Gorumara WL Division	Patrolling		Satu Roy, DL	Jagan Ozaon, DL
28		RAJA	2 Yrs.	Brought from Jhangram	NK	Wild	Male	1.37			Wild	Dhuplora Beal, Gorumara South Range	Gorumara WL Division	Patrolling			Binal Bhujel, DL
29		BASANTA	7 Mth.	Captive Bred			Male				Wild	Gorumara Beal	Gorumara WL Division				Prashanta Shaw, CDL
30	Transponder not embedded	RAMU	5 Yrs.	Rescued	Age approx. 2 years when rescued	Wild	Male, NP Range, WL - III Dv on 23.12.2010;	1.39	2.03	0.63	Wild	Jaldapara Beal	Wildlife Division- III	Training		Saron Subba, CDL	
31	Transponder not embedded	SOURAV	5 Yrs.	Captive Bred	05.11.2008	Jaldapara	Male	1.35	2.42	0.76	Sundarmani	Jaldapara Beal	Wildlife Division- III	Training		Subhas Rava, DL	
32	00064/DS155	SUNDORMO	39 Yrs.	Captive Bred	10.11.1973	Jaldapara	Female	2.40	3.80	1.15	Gajomoti	Malangi	Wildlife Division- III	Patrolling		Prakash Ozaon, DL	
33	Transponder not embedded	URMI	5 Yrs.	Rescued	Age approx. 12 months when rescued	Wild	Female	1.41	2.15	0.73	Wild	Malangi	Wildlife Division- III	Training		Chaitu Rava, CDL	
34	Transponder not embedded	TITI	5 Yrs.	Rescued	Age approx. 45 days when rescued	Wild	Female	1.40	2.09	0.70	Wild	Malangi	Wildlife Division- III	Training			Parinosh Biswasarma, CDL

NK = Not Known

* Dimension and Description :- Shoulder height (Ht.) and Circumference of front leg (FL)

** Source of Origin :- Captive bred / Captured / from Mela / Rescue from / Seized from / Other Source

List of Departmental Elephants as on 2014

Sl. No.	Identification No.	Name of Elephant	Age (approx.)	Source/ Origin (Captive bred / Captured / Purchased / Rescued / Seized / Other Sources)	Date of Birth	Place of Birth	Rescued or purchased or captured from	Sex	Shoulder height	Body length (forehead to tail base)	Circumference of front right leg	Name of Mother	Present location & Range	Division	Present use	Any other relevant informations	Name of Mahut with designation (Pmr/DL/CDL)	Name of Patavalla (Pmr/DL/CDL)
35	Transponder not embedded	TISTA	5 Yrs.	Rescued	Age approx. 2 months when rescued	Wild	Rescued from Jaldapara Wildlife Sanctuary DmT-rescued from Wf-II Div. on 20.09.2009	Female	1.59	2.47	0.78	Wild	Wild	Wildlife Division III	Training			Shankar Chakraborty CDL
36	00064DA999	AMRAPALI	15 Yrs.	Captive Bred	02.01.1992	Jaldapara	NA	Female	2.23	3.67	1.18	Champakali	Wild	Wildlife Division III	Patrolling			Binchu Oron, CDL
37	00064DAHFO	CHANCHAL	15 Yrs.	Captive Bred	25.09.1998	NK	NA	Male	2.26	3.50	1.15	Champakali	Jaldapara	Wildlife Division III	Patrolling			Kirola Subba, CDL
38	00064JCF	DIGAMBAR	12 Yrs.	Captive Bred	13.06.2002	South Ryak	NA	Male	2.40	3.45	1.25	Promila	Wild	Sasamara	Patrolling			Capal Tamang, Ramohan Oron, CDL
39	0006478575	CHAMPAKA LI	52 Yrs.	Purchased	Age approx. 20 years when purchased	NK	Purchased from Singheswari mela (Saharsa) on 18.02.1982	Female	2.36	3.90	1.22	NK	NK	Jaldapara	Patrolling			Rabi Biswasarma, CDL
40	00064SC68	BHARAT	19 Yrs.	Captive Bred	29.09.1994	Jaldapara	NA	Male	2.66	3.90	1.36	Shakunala	Wild	Jaldapara	Patrolling			Naren Rava, CDL
41	Transponder not embedded	SKILLEE	6 Yrs.	Rescued	Age approx. 2 months when rescued	Wild	Rescued from Sati T.G on 23.11.2007	Female	1.70	2.00	0.53	Wild	Wild	Sasamara	Training			Aji Niginary
42	Transponder not embedded	SHANKARI	4 Yrs.	Captive Bred	09.12.2009	Jaldapara	NA	Female	1.39	2.00	0.63	Sundari	Wild	Malangi	Training			Dalit Rava
43	Transponder not embedded	KUNTAL	7 Yrs.	Captive Bred	04.09.2006	Jaldapara	NA	Male	1.76	2.63	0.87	Kuntalini	Wild	Kodibasti	Patrolling			Ratan Singh Bhagat, Lalit Ekka, CDL
44	00064DCEHA	TARZAN	18 Yrs.	Rescued	Age approx. 1 year when rescued	Wild	Rescued from Banskani Bazar on 06.9.1996	Male, Tuskar	2.56	3.70	1.30	Wild	Wild	Kodibasti	Patrolling			Mangal Gowala, CDL
45	Transponder not embedded	PRITHWIRAJ	11 Yrs.	Captive Bred	28.02.2003	50 ft. beat	NA	Male	2.08	3.00	1.02	Priyodashini	Wild	Kodibasti	Patrolling			Santam Subba, Karjee, CDL
46	00064D6905	MENOKA	44 Yrs.	Purchased	Age approx. 25 years when purchased	NK	Purchased from Soupur Mela on 1994	Female	2.52	3.97	1.22	NK	NK	Kodibasti	Patrolling			Mahesh Barak, BS Saiba, CDL
47	000647E20E	SUNDARI	16 Yrs.	Captive Bred	30.04.1998	Jaldapara	NA	Female	2.30	3.51	1.13	Sundaramoni	Wild	Kodibasti	Patrolling			Pawan Rava, CDL
48	00064D6240	MUKTIRANI	29 Yrs.	Captive Bred	05.10.1984	Jaldapara	NA	Female	2.84	3.80	1.23	Singheswari	Wild	Kodibasti	Patrolling			Smit Oron, CDL
49	00064DPFBD	SREE	61 Yrs.	Purchased	Age approx. 17 years when purchased	NK	Purchased from Soupur Mela on 1970	Female	2.55		1.30	NK	NK	S.L.T. Beat, JPN Range	Sick			Chowrey Majhi, CDL
50	Transponder not embedded	CHAITI	8 Yrs.	Captive Bred	31.03.2006	Jaldapara	NA	Female	1.88		0.97	Champakali	Wild	Wildlife Division III	Patrolling			Kashinath Roy CDL
51	Transponder not embedded	SHUMANTA	12 Yrs.	Captive Bred	05.09.2002	Sasamara	NA	Male	2.00		1.00	Shree	Wild	S.L.T. Beat, JPN Range	Patrolling			Lakhindra Rava, CDL
52	Transponder not embedded	MATANGINI	6 Yrs.	Captive Bred	31.10.2007	Jaldapara	NA	Female	1.88		0.63	Muktrani	Wild	50' Beat, JPN Range	Training			Ramesh Kharia, CDL
53	Transponder not embedded	MITALI	7 Yrs.	Captive Bred	22.08.2006		NA	Female	1.75		0.85	Minakshi	Wild	NWC Beat, JPN Range	Training			Kahila oheri, CDL
54	Transponder not embedded	ROHINI	7 Yrs.	Rescued	Age approx. 1.5 years when rescued	Wild	Rescued from Rohini TG, WL - I Div. on 14.08.2008	Female	1.48		0.77	Wild	Wild	S.L.T. Beat, JPN Range	Training			Juel Kharia, CDL
55	Transponder not embedded	RASARAJ	9 Yrs.	Captive Bred	27.03.2005	Jaldapara	NA	Male	1.82		0.90	Rangani	Wild	HSM Beat, JPN Range	Patrolling			Chandrey Pradhan, CDL
56	Transponder not embedded	DARSHAN	3 Yrs.	Captive Bred	13.12.2010	Jaldapara	NA	Male	1.32		0.64	Priyodashini	Wild	50' Beat, JPN Range	Training			Suseb Lata, DL
57	Transponder not embedded	MUKTARAJ A	3 Yrs.	Captive Bred	30.08.2011	Jaldapara	NA	Male	1.55		0.74	Muktrani	Wild	50' Beat, JPN Range	Training			Dinot Oron, CDL
58	Transponder not embedded	ANARKALI	3 Yrs.	Captive Bred	08.03.2011	Jaldapara	NA	Female	1.42		0.69	Champakali	Wild	50' Beat, JPN Range	Training			Bikram Monger, GC PMT
59	Transponder not embedded	SUJATA	8 Yrs.	Captive Bred	14.12.2005	Malangi	NA	Female	1.71		0.80	Sundaramoni	Wild	Mendahari Beat, Chhapra Range	Patrolling			Manik Das, CDL

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List of Departmental Elephants as on 2014

Sl. No.	Identification Transponder ID	Name of Elephant	Age (approx.)	Source / Origin (Captive bred / Captured / Purchased / Seized / Other Sources)	Date of Birth	Place of Birth	Rescued or purchased from	Sex	Shoulder height	Body length (front to tail base)	Circumference of front leg	Name of Mother	Present location & Range	Division	Present use	Any other informations	Name of Mahout with designation (Pmr/DL/CDL)	Name of Pmr/DL /CDL)
60	00064D87BB	SUNDOR	12 Yrs.	Captive Bred	04.03.2002	Sissamara	NA	Male	2.04		1.05	Sundarmoni	Chilapana Beat, Chilapana Range	Wildlife Division- III	Parolling		Sambir Nupjary, CDL	Dipak Karjee, CDL
61	00064D9288	MAINA	19 Yrs.	Captive Bred	13.11.1994	Hollong	NA	Male	2.60		1.20	Menska	Hollong Beat, CTTL	Wildlife Division- III	Parolling		Sunil Roy	Shikhi Onon
62	00064DF8CF	SAMBHU	19 Yrs.	Captive Bred	20.10.1993	Purbani (BTR)	NA	Male	2.30		1.14	Shanti	Hollong Beat, CTTL	Wildlife Division- III	Parolling		Durga Onon	Bishu Roy
63	00064D9C05	JENEY	17 Yrs.	Rescued	Age approx. 10 months when rescued	Wild	Rescued from Barabari T.E on 07.07.1996	Female	2.30		1.15	Wild	TEC Beat, JFW Range	Wildlife Division- III	Parolling		Khokon Rava	Purna Onon
64	00064DA6A	MOTILAL	12 Yrs.	Captive Bred	13.10.2000	Hollong	NA	Male	2.20		1.05	Menska	Kunjanagar Beat, JFW Range	Wildlife Division- III	Parolling		Bishnu Onon, BS	Sujit Barman
65	00064DC13	LAXMAN	12 Yrs.	Captive Bred	04.12.2000	Hollong	NA	Male	2.00		1.10	Laxmi	Kunjanagar Beat, JFW Range	Wildlife Division- III	Parolling		Ritoy Subba	Dipak Onon
66	00064D9C51	CHHPRARAN I	40 Yrs.	Captured	Age approx. 25 years when captured	Wild	Captured from Chipra Forest, BTR on 20.11.1987	Female	2.75		1.36	Wild	Bengalati Beat, JFW Range	Wildlife Division- III	Parolling		Ramuni Onon	Rabi Onon
67	00064DC32B	SHARMILA	60 Yrs.	Purchased	Age approx. 35 years when rescued	NK	Purchased from Sonpur beat on 06.11.1987	Female	2.60		1.30	NK	Moinadanga Beat, JFW Range	Wildlife Division- III	Parolling		Mangra Kharia, GC	Balen Karjee, BS
68	00064F8E2D	RUDRAPRASAD	17 Yrs.	Captive Bred	08.03.1997	Hollong	NA	Male	2.40		1.30	Madhumala	Moinadanga Beat, JFW Range	Wildlife Division- III	Parolling		Gobinda Manger	Chandeshwar Karjee
69	Transponder not embedded	SRIKANTA	8 Yrs.	Captive Bred	13.12.2005	Jaldapara	NA	Male	1.95		1.05	Sree	TEC Beat, JFW Range	Wildlife Division- III	Parolling		Anukul Roy	
70	Transponder not embedded	BALASUNDOR	7 Yrs.	Rescued	Age approx. 07 days when rescued	Wild	Rescued from Balisan river bed Karsong Div. on 08.07.2007	Male	1.60		0.75	Wild	Bengalati Beat, JFW Range	Wildlife Division- III	Training	Newly weaned elephant	Budhu Kharia	
71	Transponder not embedded	JAI	3 Yrs.	Captive Bred	04.11.2010	Jaldapara	NA	Male	1.40		0.60	Jeney	TEC Beat, JFW Range	Wildlife Division- III	Training	Newly weaned elephant	Dipak Munda	
72	00064D7B93	MADHUMALA A	58 Yrs.	Purchased	Age approx. 24 yrs at the time of purchase	NK	Purchased from Sonpur mela on 1979	Female	2.31	3.73	1.24	NK	Hollong Beat, CTTL Range	Wildlife Division- III	Tourism		Md. Aynul Hoque	Budhan Kharia
73	0006485BDC	LAXMI	57 Yrs.		Age approx. 33 yrs at the time of purchase	NK	Purchased from Sonpur mela on 06.07.1990	Female	2.43	3.70	1.22	NK	Hollong, CTTL Range	Wildlife Division- III	Tourism		Rabichan Nupjary	Sutan Nupjary, CDL
74	00064DC240	PRYADASHI NI	31 Yrs.	Captive Bred	25.12.1983	Hollong	NA	Female	2.46	3.69	1.23	Champarani	Hollong, CTTL Range	Wildlife Division- III	Tourism		Sikta Kharia	Ratula Onon
75	00064ED273	UREASHI	65 Yrs.	Purchased	1949	NK	Purchased from Sonpur Mela	Female	2.54	4.20	1.23	NK	Hollong, CTTL Range	Wildlife Division- III	Retired from service		Md. Jan Box	
76	00064DA305	ANUSHUA	38 Yrs.	Captive Bred	31.12.1975	Jaldapara	NA	Female	2.39	3.85	1.22	Matangini	Hollong, CTTL Range	Wildlife Division- III	Tourism		Anil Kharia, CDL	Bira Kharia, CDL
77	00064D71OC	MINAKSHI	22 Yrs.	Captive Bred	11.11.1991	Jaldapara	NA	Female	2.40	3.60	1.24	Shree	Hollong, CTTL Range	Wildlife Division- III	Tourism		Kato Kharia, BS	Md. Farukh Islam, CDL
78	00064EE088	RANGINI	33 Yrs.	Captive Bred	28.01.1981	Jaldapara	NA	Female	2.64	3.36	1.14	Matangini	Hollong, CTTL Range	Wildlife Division- III	Tourism		Sujit Biswasarma	Pras Onon, DL
79	Transponder not embedded	RANGALAL	3 Yrs.	Captive Bred	22.12.2010	Jaldapara	NA	Male	1.40	2.10	0.69	Rangini	Hollong, CTTL Range	Wildlife Division- III	Training		Md. Rafiqul Islam, DL	
80	Transponder not embedded	BALARAM	1 Yrs.	Rescued	Age approx. 15 days when rescued	Wild	Rescued from Bagri village, Matha Range, Purulia Division on 20.11.2011; transferred on 02.12.2011	Male	0.97	1.49	0.52	Wild	Hollong, CTTL Range	Wildlife Division- III	Training		Jatin Roy	
81	Transponder not embedded	RANI	2 Yrs.	Rescued	NK	Wild	Rescued from Nayagram, Midnapur	Female	1.37		0.68	Wild	Hollong, CTTL Range	Wildlife Division- III	Training		Madam Onon	

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Implantation of Microchip in Circus and Zoo Elephants

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M/S Olympic Circus (as on 20.11.06)														
1	00064E6C75	Mala	42 yrs. NK	Female	Ht.2.20 mt. FL.1.08 mt.	NK	NK	Purchased from Sonepur Mela	M/S Olympic Circus, 48, R.N.Tagore Rd, P.O.Dakshineswar, Kol-76	Performance in Circus shows	30/1 dt. 30.01.03	Sheikh Kiamuddin		
2	00064DE07C	Champa	38 yrs. NK	Female	Ht.2.16 mt. FL.1.08 mt.	NK	NK	Purchased from Sonepur Mela	M/S Olympic Circus, 48, R.N.Tagore Rd, P.O.Dakshineswar, Kol-76	Performance in Circus shows	30/1 dt. 30.01.03	Sheikh Kiamuddin		
3	00064DBD5D	Sabitri	39 yrs. NK	Female	Ht.2.21 mt. FL.1.10 mt.	NK	NK	Purchased from Sonepur Mela	M/S Olympic Circus, 48, R.N.Tagore Rd, P.O.Dakshineswar, Kol-76	Performance in Circus shows	30/1 dt. 30.01.03	Sheikh Kiamuddin		
4	00064D63EE	Chanchal	41 yrs. NK	Female	Ht.2.25 mt. FL.1.05 mt.	NK	NK	Purchased from Sonepur Mela	M/S Olympic Circus, 48, R.N.Tagore Rd, P.O.Dakshineswar, Kol-76	Performance in Circus shows	30/1 dt. 30.01.03	Sheikh Kiamuddin		
M/S AJANTA Circus (as on 28.11.06)														
5	00064EF616	Moti	40 yrs. NK	Male, Tusker	Ht.2.50 mt. FL.1.32 mt.	NK	NK	Purchased from other circus (West Bengal)	M/S Ajanta Circus, 89/3, Ripon Street (Muzaar Ahmed St.), Kol-16	Performance in Circus shows		Sheikh Nasiruddin		Died on 2008
6	00064ED07F	Padma	41 yrs. NK	Female	Ht.2.46 mt. FL.1.22 mt.	NK	NK	Purchased from Sonepur Mela	M/S Ajanta Circus, 89/3, Ripon Street (Muzaffar Ahmed St.), Kol-16	Performance in Circus shows	CWLW/MP/1 081 dt. 26.12.00	Sheikh Nasiruddin		
7	00064E8386	Laxmi	46 yrs. NK	Female	Ht.2.25 mt. FL.1.27 mt.	NK	NK	Purchased from Sonepur Mela	M/S Ajanta Circus, 89/3, Ripon Street (Muzaffar Ahmed St.), Kol-16	Performance in Circus shows	CWLW/MP/1 081 dt. 26.12.00	Sheikh Nasiruddin		
8	0006484595	Vaijavanti	61 yrs. NK	Female	Ht.2.60 mt. FL.1.29 mt.	NK	NK	Purchased from Sonepur Mela	M/S Ajanta Circus, 89/3, Ripon Street (Muzaffar Ahmed St.), Kol-16	Performance in Circus shows	CWLW/MP/1 081 dt. 26.12.00	Sheikh Nasiruddin		
9	00064795DB	Chanda	31 yrs. NK	Female					Probhat Circus given custody to Ajanta Circus, 89/3, Ripon St., Kol-16	Animal was seized for violation of Section 381 & 40(2) of the WPA for unable to proof the certificate of ownership & not intimating the CWLW, WB within 20 days of bringing the elephant in WB. Elephant 'CHANDA' was then seized & kept in custody of Ajanta Circus on 06.07.08 with the direction not to show any performance till the ownership is fixed				
M/S SONALI CIRCUS (as on 13.04.05)														
10	00064DB541	Champa	40 yrs. NK	Female	Ht.2.52 mt. FL.1.22 mt.	NK	NK	Purchased from Sonepur Mela on 1990	Smt. Parul Singh, Prop. M/S Sonali Circus, Vill & P.O. Debpur, P.S.Bharat, Dist. Burdwan	Performance in Circus shows		Sri Raju Singh		Applied for Ownership Certificate in 2004. Not yet issued.

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M/S EMPIRE CIRCUS (as on 29.05.13)														
11	00069B185B	Bijli	41 yrs. NK NK	Male (juvenile)	Ht.2.54 mt. FL.1.24 mt.	NK	NK	NK	Empire Circus, Elliot Road, Kol-16	Performance in Circus shows	2/LA/ CIRC dt. 12.04.13			
12	0006A2902F	Boudhi	39 yrs. NK NK	Female	Ht.2.27 mt. FL.1.22 mt.	NK	NK	NK	Empire Circus, Elliot Road, Kol-16	Performance in Circus shows	2/LA/ CIRC dt. 12.04.13			
13	0006A2901A	Laxmi	17 yrs. NK NK	Female	Ht.2.06 mt. FL.1.02 mt. (R) 1.35 mt. (L)	NK	NK	NK	Empire Circus, Elliot Road, Kol-16	Performance in Circus shows	2/LA/ CIRC dt. 12.04.13			
14	0006A2B3D6	Bahadur	17 yrs. NK NK	Male	Ht.2.34 mt. FL.1.16 mt.	NK	NK	NK	Empire Circus, Elliot Road, Kol-16	Performance in Circus shows	2/LA/ CIRC dt. 12.04.13			
15	0006A2AB41	Maina / Jamuna	17 yrs. NK NK	Female	Ht.2.23 mt. FL.1.10 mt.	NK	NK	NK	Empire Circus, Elliot Road, Kol-16	Performance in Circus shows	2/LA/ CIRC dt. 12.04.13			

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M/S FAMOUS CIRCUS (as on 15.01.08 & 08.03.10*)														
16	00064D70EC	Raja	8 yrs. 28.12.1998 Siliguri	Male	Ht.1.72 mt. FL.0.82 mt.	Champa	Ganesh	Born in Circus	M/S Famous Circus, 48 R.N.Tagore Road, P.O. Dakshineswar, Kolkata-76	Performance in Circus shows	1/LA/CIRC dt. 27.06.11	Sri Lakhinder Barui		
17	00064847DF	Chandhala	30 yrs. NK NK	Female	Ht.2.13 mt. FL.1.06 mt.	NK	NK	Purchased from Sonepur Mela on 1990	M/S Famous Circus, 48 R.N.Tagore Road, P.O. Dakshineswar, Kolkata-76	Performance in Circus shows		Sri Lakhinder Barui		Expired on 25.11.10 at Barulpur
18	00064DE5EC	Shiba	15 yrs. 16.05.1992 Laxmi Sarai, Bihar	Male	Ht.2.28 mt. FL.1.05 mt.	Biri	Ganesh	Born in Circus	M/S Famous Circus, 48 R.N.Tagore Road, P.O. Dakshineswar, Kolkata-76	Performance in Circus shows	1/LA/CIRC dt. 27.06.11	Sri Surendra Singh		
19	00064DCE37	Champa	40 yrs. NK NK	Female	Ht.2.33 mt. FL.1.12 mt.	NK	NK	Purchased from Sonepur Mela on 1985	M/S Famous Circus, 48 R.N.Tagore Road, P.O. Dakshineswar, Kolkata-76	Performance in Circus shows	1/LA/CIRC dt. 27.06.11	Sri Surendra Singh		
20	00064D9BFB	Biri	40 yrs. NK NK	Female	Ht.2.30 mt. FL.1.12 mt.	NK	NK	Purchased from Sonepur Mela on 1985	M/S Famous Circus, 48 R.N.Tagore Road, P.O. Dakshineswar, Kolkata-76	Performance in Circus shows	1/LA/CIRC dt. 27.06.11	Sri Surendra Singh		
21	00064DD872	Ganesh	55 yrs. NK NK	Male	Ht.2.71 mt. FL.1.32 mt.	NK	NK	Purchased from Sonepur Mela on 1985	M/S Famous Circus, 48 R.N.Tagore Road, P.O. Dakshineswar, Kolkata-76	Performance in Circus shows	1/LA/CIRC dt. 27.06.11	Sri Surendra Singh		
22	0006478F87	Sher Bahadur (Sheru) *	2 yrs. 22.02.2008 NK	Male	Ht.1.41 mt. FL.0.70 mt.	NK	NK	Born in Circus	M/S Famous Circus, 48 R.N.Tagore Road, P.O. Dakshineswar, Kolkata-76	Still with mother, to be trained for Circus	153 dt. 10.03.10	Sri Surendra Singh		Dead on 13.06.11
M/S NATARAJ CIRCUS (as on 27.12.07 & 15.01.08**)														
23	00064DFCF1	Basanti	39 yrs. NK NK	Female	Ht.2.28 mt. FL.1.17 mt.	NK	NK	Purchased from Sonepur Mela on 11.11.1992	M/S Nataraj Circus, Vill:Bhaskur, P.O.Baluhati, Dist. Howrah, Pin-711401	Performance in Circus shows	24/1 dt. 08.10.99	Sri Bachha Mia		
24	00064DDAF8	Suman	16 yrs. NK NK	Female	Ht.1.85 mt. FL.1.07 mt.	NK	NK	Purchased from Sonepur Mela on 1995	M/S Nataraj Circus, Vill:Bhaskur, P.O.Baluhati, Dist. Howrah, Pin-711401	Performance in Circus shows	24/1 dt. 08.10.99	Sri Bachha Mia		
25	00064E03C3	Natu	15 yrs. NK NK	Male	Ht.2.05 mt. FL.0.96 mt.	NK	NK	Purchased from Sonepur Mela on 08.01.1994	M/S Nataraj Circus, Vill:Bhaskur, P.O.Baluhati, Dist. Howrah, Pin-711401	Performance in Circus shows	24/1 dt. 08.10.99	Sri Bachha Mia		Died on 27.03.13
26	00064D7822	Bhola**	50 yrs. NK NK	Male	Ht.2.68 mt. FL.1.38 mt.	NK	NK	Purchased from Sonepur Mela on 1992	M/S Nataraj Circus, Vill:Bhaskur, P.O.Baluhati, Dist. Howrah, Pin-711401	Performance in Circus shows	24/1 dt. 08.10.99	Md. Hasnullah		
M/S KOHINOOR CIRCUS (as on 16.01.13)														
27	0006A2B0F9	Savitri	45 yrs. NK NK	Female	Ht.3.35 mt. FL.1.40 mt.	NK	NK		M/S Kohinoor Circus, 50B, Elliot Road, Kolkata-700013	Performance in Circus shows	G-12/23-2-40 dt. 07.07.98 of CWLW, UP,			
28	0006A29434	Urmila	45 yrs. NK NK	Female		NK	NK		M/S Kohinoor Circus, 50B, Elliot Road, Kolkata-700013	Performance in Circus shows	N.S. 29 dt. 13.08.99 of DFO, Nagaon South Div., Hojai, Assam			

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Sl. No.	Identification No. Transponder ID	Name of Elephant	Age Date of Birth Place of Birth	Sex	Dimension & Description*	Name of Mother	Name of Father	Source/ Origin**	Present location & Range	Present use	Any other relevant informations / certificate No.	Name of Mahut with designation (Pmt/DL/CDL)	Name of Patawalla (Pmt/DL/CDL)	Remarks
ZOOLOGICAL GARDEN, ALIPORE, KOLKATA														
29	00064DF609	Mumtaz	20 yrs. 02.12.1989 Jaldapara WLS	Female	Ht.2.44 mt. FL.1.23 mt.	Anarkali	Wild	Captive born in Jaldapara WLS, sent to Alipore zoo on 26.12.1992	Zoological Garden, Alipore, Kolkata	Used as an exhibits of the Zoo	Calm	Md. Sanir & Islam Mia		
30	00064DF07F	Phulwanti	16 yrs. NK	Female	Ht.2.36 mt. FL.1.13 mt.	NK	NK	Wild rescued, kept at Jaldapara WLS, then sent to Alipore zoo on 21.05.1995	Zoological Garden, Alipore, Kolkata	Used as an exhibits of the Zoo	Calm	Md. Sanir & Islam Mia		
31	00064DD62D	Uttara	12 yrs. 23.12.1997 Hollong, Jaldapara	Female	Ht.2.27 mt. FL.1.10 mt.	Menoka	Wild Makna	Captive born in Jaldapara WLS, sent to Alipore zoo on 03.07.2000	Zoological Garden, Alipore, Kolkata	Used as an exhibits of the Zoo	Predictable	Md. Sanir & Islam Mia		
ISKCON (as on 01.03.08)														
32	0006593C15	Faguni	10 yrs. 25.02.1998 NK	Female	Ht.1.75 mt. NK	NK	NK		ISKCON, Sri Mayapur, Nadia Dist., near Navadwip, Pin-741313		0006593C15/E AC/IOB/M/08 /1 dt. 30.01.08 of CF, Eastern Assam Circle, Jorhat			
33	0006591BOA	Bishmupriya	2 yrs. 21.02.2006 NK	Female	Ht.1.47 mt. NK	NK	NK		ISKCON, Sri Mayapur, Nadia Dist., near Navadwip, Pin-741313		0006591BOA/E AC/DDM/KP/09/263 dt. 03.12.09 of CF, Eastern Assam Circle, Jorhat			

NK = Not Known

* Dimension and Description :- Shoulder height (Ht.) and Circumference of front leg (FL)

** Source of Origin :- Captive bred / Captured / from Mela / Rescue from / Seized from / Other Source

Chemical Immobilisation of Major Wild Animals in West Bengal

SL. No.	Date	Location	Description	Immobilising Drug	Remarks
Elephant					
1	30.05.13	Maraghat		Xylazine - 7.0 ml. Ketamine - 5.0 ml.	Injured by train accident
2	05.06.13	Asthasole, Bankadaha	Calf	Xylazine - 11.0 ml.	Treatment done
3	04.08.13	Jaldapara HQ	Male	Xylazine - 3.6 ml x 2 Ketamine - 1.6 ml x 2	Captive
4	03.09.13	Bagdogra Army Camp area	Male	Xylazine - 2.0 ml. Ketamine - 1.0 ml.	Injured elephant treated and released at same place
5	20.10.13	Nischinta area of Kalaikunda Range	Female, Adult	Xylazine - 8.5 ml. Ketamine - 8.5 ml.	
6	23.10.13	Bagdogra Army Camp area	Male	Xylazine - 9.0 ml.	Injured elephant treated and released at same place
7	27.10.13	Mal-6 Comptt., Kalimpong Hill Division	Female, Adult	Xylazine - 7.0 ml. Ketamine - 3.0 ml.	Released at the same place after treatment
8	24.12.13	7th Mile, South Range, MWLS	Male	Xylazine - 8.0 ml.	Injured elephant treated and released at same place
9	2013-14	Bairanti Block, Bengdubi Beat	Male, Adult	Xylazine - 6.0 ml. Ketamine - 3.0 ml.	Standing sedation, Injured elephant treated
T-Tusker, M-Makna					
Leopard					
1	16.05.13	Looksan Bazar	Male, 12 yrs.	Ketamine - 2.50 ml. Xylazin - 1.50 ml.	The leopard was died due to major cut injury on his neck & head
2	01.11.13	Jirkadhura		Ketamine - 2.00 ml. Xylazin - 1.00 ml.	Expired
3	07.01.13	Murti FV	Male	Ketamine - 3.00 ml. Xylazin - 2.00 ml.	Expired
4	29.01.14	Rajabhat Tea Garden	Female, 3 yrs.	Ketamine - 1.50 ml. Xylazin - 0.3 ml. Yohimbine - 0.6 ml.	Released at 25th Mile tower area
5	12.03.14	Forward Nagar residential area, Hamiltonganj	Female, 4 yrs.	Ketamine - 1.30 ml. Xylazin - 0.4 ml. Yohimbine	Released at 22nd Mile tower area on 13.03.14
Bison					
1	08.09.13	Haldibari TE	Male, 15 yrs.	1st Inj. Xylazin-3.50 ml Ketamine-2.50 ml.-6 ml. 2nd Inj. Xylazin-2.50 ml Ketamil-2.50 x 3 ml.-7.50 ml.	Expired
2	07.12.13	Kathalguri TE		Xylazin-4.0 ml Ketamine-3.0ml	Died during translocation

Chemical Immobilisation of Major Wild Animals in West Bengal

SL. No.	Date	Location	Description	Immobilising Drug	Remarks
3	10.01.14	Matura T.G.	Female, 8 yrs.	Xylazin-5.0 ml Ketamine-2.0 ml Reverzine-7.0 ml	Released at BN-1
4	10.01.14	Matura T.G.	Female, 7 yrs.	Xylazin-5.0 ml x 2 Ketamine-2.4 ml x 2 Reverzine-6.0 ml	Released at BN-1
5	10.01.14	Matura T.G.	Female, 8 yrs.	Xylazin-5.0 ml Ketamine-2.0 ml Reverzine-7.0 ml	Released at BN-1
6	12.01.14	Dakshin Sonapur	Female, 8 yrs.	Xylazin-8.0 ml Ketamine-3.0 ml Reverzine-8.0 ml	Released at BN-1
7	16.01.14	Kumlai, Khoar More	Male	Xylazin-4.0 ml Ketamine-3.0ml	Expired
8	12.02.14	SRVK-7 Comptt. at West Rajabhatkhawa Range	Male, 20 yrs.	Ketamine - 2 ml. Xylazin - 5 ml. Yohimbine - 8 ml.	Surgery & treatment of a mass protruding from left eye.
9	01.03.14			Xylazin-7.0 ml Ketamine-3.0 ml	Released at BN-2
10	01.03.14			Xylazin-8.0 ml Ketamine-2.0 ml	Expired
11	01.03.14	Patkapara village, Nimati Range	Male, 5-6 yrs.	Ketamine - 1.8 ml. Xylazin - 4.8 ml.	Released at Bania forest, Chilapara Range
12	20.03.14	Jitpur village	Male, 6-7 yrs.	Ketamine - 2 ml. Xylazin - 5 ml. Yohimbine - 8 ml.	22nd Mile road
13	20.03.14	2 No. Assam Gate, Alipurduar Town	Male, 6 yrs.	Ketamine - 2 ml. Xylazin - 5 ml. Yohimbine - 8 ml.	25th Mile tower area
14	20.03.14	Banchukamari village	Female, 5-6 yrs.	Ketamine - 1.8 ml. Xylazin - 4.8 ml. Yohimbine - 7 ml.	25th Mile tower area
15	20.03.14	Alipurduar town	Female, 6 yrs.	Xylazin-6.0 ml Ketamine-2.0 ml	Released in forest
16	21.03.14	Topshikhata village	Female, 4-5 yrs.	Ketamine - 1.5 ml. Xylazin - 4 ml. Yohimbine - 7 ml.	Released at Chilapata forest area
17	21.03.14	Topshikhata	Male, 10 yrs.	Xylazin-6.0 ml Ketamine-2.0 ml Reverzine-8.0 ml	Released at BN-1
18	28.03.14	Dima-3 Tea Garden	Male, 4-5 yrs.	Ketamine - 1.5 ml. Xylazin - 4 ml. Yohimbine - 6 ml.	Released at 25th Mile tower area
19	28.03.14	Kolabari		Xylazin-3.0 ml Ketamine-2.0 ml	Died after translocation
20	28.03.14	Kolabari		Xylazin-4.0 ml Ketamine-3.0 ml	Died after translocation

List of Forest Villages and Fixed Demand Holding Villages under Wildlife Divisions

Divisional Forest Officer, Darjeeling Wildlife Division, Darjeeling :

1. Mahananda Wild Life Sanctuary :

- | | | | |
|----------------|---------------------------|--------------|------------|
| a) Khairjhora, | b) Punding, | c) Khairani, | d) Chamta, |
| e) Kokling, | f) 10 th Mile, | g) Jolly. | |

2. Senchal Wild Life Sanctuary :

- | | | | |
|---------------|--------------|------------|------------------------------------|
| a) Chatakpur, | b) Paschim, | c) Dhoria, | d) 3 rd Mile & Simkona, |
| e) Rambhi, | f) Rampuria. | | |

3. Singhalila National Park :

- a) Gorkhey

Divisional Forest Officer, Gorumara Wildlife Division, Jalpaiguri :

- | | | | |
|-----------------|-------------|-----------------|-------------|
| 1. Bichabhanga, | 2. Sursuti, | 3. Kalipur, | 4. Budhram, |
| 5. Chatra, | 6. Murti, | 7. Panjhora (N) | |

Divisional Forest Officer, Jaldapara Wildlife Division, Coochbehar :

- | | | | |
|---------------------|-----------------------|-------------|---------------------|
| 1. Uttar Mendabari, | 2. Dakshin Mendabari, | 3. Titi, | 4. Salkumar, |
| 5. Mantharam, | 6. Kodalbasti, | 7. Dhumchi, | 8. North Khairbari, |
| 9. South Khairbari, | 10. Bania, | 11. Andu, | 12. Kurmai |

Buxa Tiger Reserve (West) Division :

Forest Village

- | | | | |
|---------------------|---------------------|----------------------|------------------|
| 1. East Garam F.V., | 2. West Garam F.V., | 3. Poro South F.V., | 4. Poro North |
| F.V., | | | |
| 5. Kalkut FV, | 6. Pani Jora F.V. | 7. Bamni Basti F.V., | 8. Pampu Basti |
| F.V, | | | |
| 9. Garo Bosti, | 10. Gadadhar F.V., | 11. Pana, | 12. 20th mile FV |
| 13. 21st mile FV, | 14. Nimati & Dabri, | 15. Dalbadal, | 16. Raimatang, |
| | | | |
| 17. Gangutia, | 18. Adma | 19. Bhutri FV, | 20. Gudamdabri |

F.D. Holding

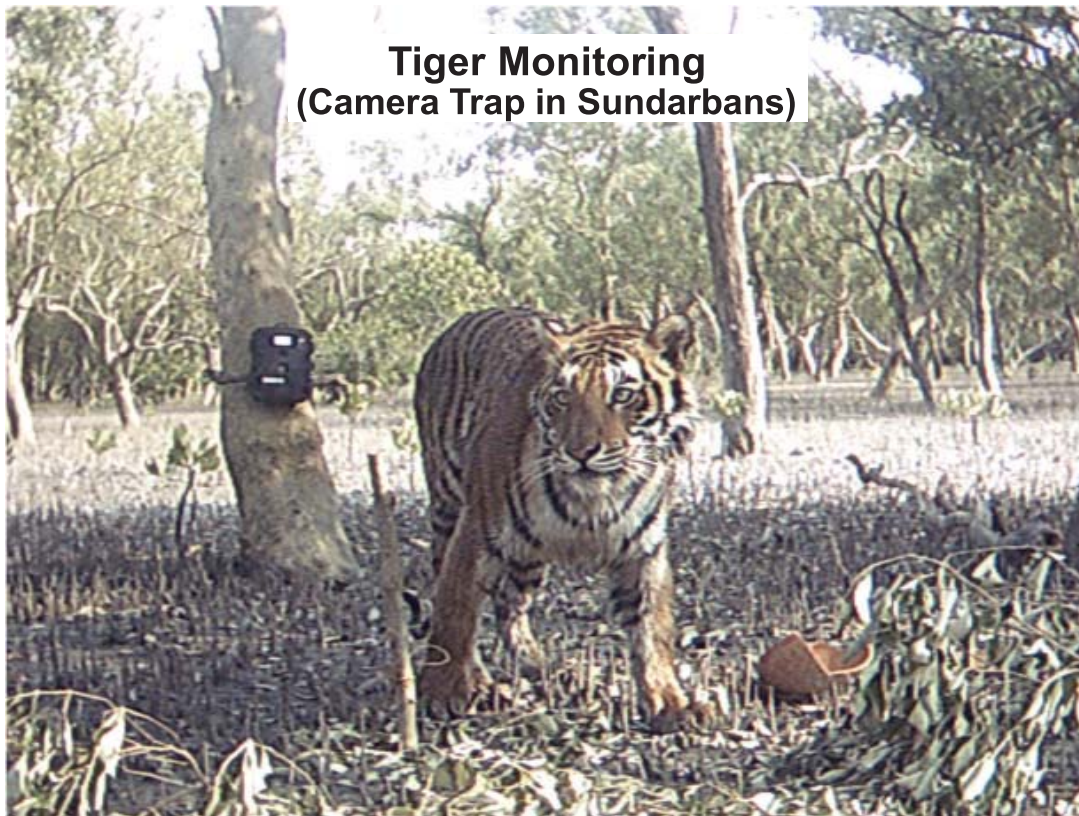
- a) Damanpur FDH, b) Rajabhatkhawa FDH

Buxa Tiger Reserve (East) Division :

- | | | | |
|-----------------------------|---------------------------|----------------|------------------|
| 1. 28 th Mile, | 2. 29 th Mile, | 3. Shiltong, , | 4. Chipra, |
| 5. Sankosh, | 6. Kumargram, | 7. Newlands, | 8. Lapraguri, |
| 9. Khutimari, | 10. Bengdoba, | 11. Balapara, | 12. Indubasti, |
| 13. Chunabhati, | 14. Santrabari, | 15. Tiamari, | 16. Bhutiabasti, |
| 17. Lepchakhawa (Tashigaon) | | | |

List of villages undergoing relocation from Tiger Reserve

Sl.	Tiger Reserve	Villages in notified tiger habitat	No. of families village wise	Relocation in process			Remarks
				Name of the village	No. of families	Families relocated completely	
1	Buxa Tiger Reserve	28th and 29th mile forest village	180	28th and 29th mile forest village	180	Nil	
2		Santrabari	146	Santrabari	146		
3		Jainty	356	Jainty	356		
4		Bhutia Basti	29	Bhutia Basti	29		Need to be relocated on priority
5		Gangutia	202	Gangutia	202		
6		Bhutri	82	Bhutri	82		Need to be relocated on priority
7		Pana	234	Pana	234		
	Sundarban Tiger Reserve	No village within Sundarban Tiger Reserve					



**Status of implementation of the Scheduled Tribes and Other Traditional Forest Dwellers
(Recognition of Forest Rights) Act, 2006**

Name of Forest Village	Gram Sabha	Claim received		Rights settled		Not disposed of claims are lying with
		Form A	Form B	Form A	Form B	
Buxa Tige Reserve (West) Division						
Pampu	Kalchini			5		
Uttar Poro	Kalchini			143		
Garam Basti	Kalchini			135		
Kalkut	Kalchini			68		
Panijhora	Kalchini			44		
Adma	Kalchini			79		
Merchant para (F.D. holding)	Kalchini			10		
Mill Para (F.D. holding)	Kalchini			6		
Buxa Tige Reserve (East) Division						
Lepraguri	Lepraguri	1198	1075	58		Lying with SDLC
Balapara	Balapara			48		
Khuttimari	Khuttimari			84		
Kumargram	Kumargram			15		
Shiltong	Shiltong			117		
Chipra	Chipra			50		
Sankosh	Sankosh			42		
Bengdoba	Bengdoba			9		
Newlands	Newlands			10		
Buxa Road 28th Mile	Buxa Road 28th Mile			8		
Lephchaka Forest Basty	Lephchaka Forest Basty			18		
Daragaon Forest Basty	Daragaon Forest Basty			11		
Sokedinkha	Sokedinkha			7		
Wildlife Division-III						
Titi	Totapara-Ballaguri	72 Nos.		50 Nos.		22 Nos.
Kodalbasti	Kodalbasti	282	282			Under process
Mantharam	Mantharam	72	72			-do-
Salkumar	Salkumar	63	62	63	62	1 No.
Baikunthapur Division						
Gazoldoba		28		28		
Mechbusty		166		166		
Magurmari		43		43		
Sologhoria		200		200		
Darjeeling Division						
Tinchley	Tinchuley	11	1	Nil	Nil	Under process in the Gram Sabha
Takdah Clubside FD Holding	Takdah Clubside FD holding	26	1	Nil	Nil	Under process in the Gram Sabha
6th Mile FD Holding	Takdah Clubside FD holding	--	--	--	--	Yet to initiate the process of distributing claim form by the concerned department.
Section Forest Village	Takdah Clubside FD holding	5	0	Nil	Nil	Under process in the Gram Sabha
Palmasoa	Hatta	--	--	--	--	21forms has been distributed but till date no claim received.
Rithu	Hatta	--	--	--	--	14 forms has been distributed but till date no claim received.
Selimbong	Sumbuk	5	0	Nil	Nil	Under process in the Gram Sabha
Dhodrey	Hatta	76	0	Nil	Nil	Under process in the Gram Sabha
Tarzam	Teesta	82	1	Nil	Nil	Under process in the Gram Sabha
Mangwa	Teesta	30	2	Nil	Nil	Under process in the Gram Sabha
Tangey	Teesta	46	2	Nil	Nil	Under process in the Gram Sabha
Peshok	Peshok	37	Nil	Nil	Nil	Under process in the Gram Sabha

**Status of implementation of the Scheduled Tribes and Other Traditional Forest Dwellers
(Recognition of Forest Rights) Act, 2006**

Name of Forest Village	Gram Sabha	Claim received		Rights settled		Not disposed of claims are lying with
		Form A	Form B	Form A	Form B	
Deorali	Deorali	33	Nil	Nil	Nil	Under process in the Gram Sabha
Shivagram(unregistered)	Teesta	94	2	Nil	Nil	Under process in the Gram Sabha
Swaeswati(unregistered)	Teesta	67	Nil	Nil	Nil	Under process in the Gram Sabha
29th Mile Baluwakhani(unregistered)	Teesta	24	1	Nil	Nil	Under process in the Gram Sabha
Geil Khola (unregistered)	Teesta	28	1	Nil	Nil	Under process in the Gram Sabha
Poobong Forest Village	Poobong	70	2	Nil	Nil	Under process in the Gram Sabha
Ghoom Bhanjyang Forest	Ghoom Bhanjyang	74	4	Nil	Nil	Under process in the Gram Sabha
Barbatay Forest Village	Barbatey	-	-	Nil	Nil	Under process in the Gram Sabha
Badamtam Forest Village	Badamtam	-	-	Nil	Nil	Nil
Sumbong Forest Village	Sumbong	-	-	Nil	Nil	Nil
Gurdum Forest Village	Khopidara Gurdum	22	3	Nil	Nil	Nil
Khopidara Forest Village	Khopidara Gurdum	32	3	Nil	Nil	Nil
Group Forest Village	Group	28	3	Nil	Nil	Nil
Samanden	Samanden, Ramam, Daragaon	25	3	Nil	Nil	Nil
Ramam	-do-	49	3	Nil	Nil	Nil
Daragaon	-do-	24	3	Nil	Nil	Nil
Sirikhola	Sirikhola Gurdum	13	2	Nil	Nil	Nil
Gurdum	-do-	37	2	Nil	Nil	Nil
Bichgaon	-do-	11	2	Nil	Nil	Nil
Namla	Namla, Linsebong	29	2	Nil	Nil	Nil
Lingsebong	-do-	16	1	Nil	Nil	Nil
Kurseong Division						
Kolabari	Maniram GP			6		
Tukriajhar	Naxalbari GP			7		
Central	U Bagdogra GP			36		
Dhara	U Bagdogra GP			15		
Kataria		Pending cases lying in the respective blocks				
Hilleyjhora		- Do-				
Bamanpokhri		- Do-				
Singbully		- Do-				
Phuguri		- Do-				
M-I		- Do-				
Koilagodown		- Do-				
Pokhriatar		- Do-				
M-4		- Do-				
M-5		- Do-				
Jholly		- Do-				
L.Babukhola		- Do-				
U. Kandung		- Do-				
L. Kandung		- Do-				
Karmat		- Do-				
6 th Mile		- Do-				
Sittong		- Do-				
Berrick		- Do-				
Panchet Division						
Panchet Division			2637		1137	District level Committee

Seminar / Workshop organized on Wildlife Management during 2013-14

Sl.	Date	Location	Topic	Organized by	No. of participants
1.	13.05.2013	NIC, Rajabhatkhawa	Sensitization of Elephant Trackers & Gang Men	Buxa Tiger Reserve with Railway	35 Nos.
2.	18.05.2013	NIC, Rajabhatkhawa	Sensitization of Elephant Trackers & Gang Men	Buxa Tiger Reserve with Railway	35 Nos.
3.	08.08.2013	MIC, Sajnekhali	Legal Workshop	Sundarban Tiger Reserve in association with WPSI	Field staffs and officers
4.	21.08.2013	MIC, Sajnekhali	Alternate livelihood support	Sundarban Tiger Reserve	SHG groups along with field staffs
5.	23.09.2013 to 24.09.2013	MIC, Sajnekhali	Training cum workshop for Eco-guides	Sundarban Tiger Reserve in association with SHER & ACT	Eco-guides
6.	21.11.2013 to 22.11.2013	Bonnie Camp	Safe handling of Arms	24-Parganas (South)	-
7.	12.12.2013 & 22.03.2014	Bhagabatpur	Crocodile handling	24-Parganas (South)	-
8.	28.12.2013	Lothian & CKBS	Snake handling	24-Parganas (South)	-
9.	06.01.2014	NIC, Rajabhatkhawa	Meeting on Forest Protection and community development works related to JFMC under BTR	Buxa Tiger Reserve	109 Nos.
10.	07.01.2014	Chilapata Community Hall	Forest Protection & Wildlife Management	Jaldapara Wildlife Division	Karmadhakshya-3 Nos. Proddhan-3 Nos. 100 participants from 14 EDC/FPC & NGO
11.	10.01.2014	Kalas Camp	Camera Trapping, GPS, Smart Patrolling	WWF-India and 24-Parganas (South)	-
12.	25.01.2014	NIC, Lataguri	Responsibility of Supervisor	Jointly with MGNREGS Cell, Jalpaiguri	32 Nos.
13.	02.02.2014	Rasikbeel Wetland Complex	Importance of wetland, floral & faunal combination on eco-system	Coochbehar Division	1) Divisional staff, 2) Local forest villagers, 3) Director of Fishery, 4) Fishermen community, 5) NGOs
14.	08.02.2014	NIC, Rajabhatkhawa	Workshop on Joint Forest Management	Buxa Tiger Reserve	34 Nos.
15.	17.02.2014	Gachbari, Dhupjhora	Nature Awareness Programme	Jointly with HANF, Siliguri	56 Nos.
16.	25.06.2013	NIC, Rajabhatkhawa	Camera trapping	WWF and Buxa Tiger Reserve	50 Nos.

Sl.	Date	Location	Topic	Organized by	No. of participants
17.	25.09.2013 to 26.09.2013	NIC, Rajabhatkhawa	All India estimation of Tiger census	Buxa Tiger Reserve and NTCA	75 Nos.
18.	01.11.2013	Bankura Rabindra Bhawan	Human-Animal Conflict	Bankura (North) Division	441 Nos.
19.	14.12.2013	Gazaldoba Barrage	Conservation of birds at Gazaldoba Barrage Reservoir	Baikunthapur Division	250 Nos.
20.	06.01.2014	Barjora Community Hall	Human-Animal Conflict	Bankura (North) Division	553 Nos.
21.	25.01.2014	Sonamukhi BDO Office	Human-Animal Conflict	Bankura (North) Division	250 Nos.
22.	02.02.2014	Hijli	Snake rescue	Kharagpur Division	36 Nos.
23.	08.02.2014	Hijli	Wildlife Law	Kharagpur Division	45 Nos.
24.	15.02.2014	NIC Rajabhatkhawa	Ungulate encounter rate, transect survey	Buxa Tiger Reserve	65 Nos.
25.	20.03.2014 to 25.03.2014	1. Timling, 2. Gairibas, 3. Batasia, 4. Kalapokhri, 5. Sandakphu, 6. Thakum	Indo-Nepal – Combating Poaching, collection of firewood, etc.	Singhalila South Range, Darjeeling Wildlife Division	70 to 72 Nos.
26.	23.02.2014 to 25.02.2014	NIC Rajabhatkhawa	Intelligence collection, interrogation and prosecution of wildlife offences	Wildlife Crime Control Bureau & NTCA, MoEF, Govt. of India	64 Nos.
27.	25.02.2014	Beliatore Community Hall	Human-Animal Conflict	Bankura (North) Division	211 Nos.
28.	30.03.2014	Rupnarayan Division Office HQ, Rangamati	Salient points of WPA-1972 in reference to South Bengal Offences and Snake capturing and handling	Rupnarayan Division	30 Nos.

Honey collection in Sundarban Tiger Reserve and 24 Parganas (South) Division during 2013-14

STR		24-Pgns(S)	
Total Honey Collected (Kg.)	Total Revenue Received (Rs.)	Total Honey Collected (Kg.)	Total Revenue Received (Rs.)
20950	1571250	18200.0	1638000.00

Status of Forest Fencing in West Bengal

Type of fencing	Coverage area (Block, Comptt.)	Division	Length (in km.)	Year of installation	Present status	Remarks
Energized fencing	JP, MLG, CP Block	Jaldapara Wildlife Division	19	2011-12 & 2012-13	Functional	
Energized fencing	Jaldapara-1, 4b & 5		3.5	Old	To be repaired	G.S.Road (Total-6.5 km.)
Energized fencing	Jaldapara-1		0.44	Old	To be repaired	Siltorsa Beat Complex
Energized fencing	Jaldapara-5, Hollong Beat		3	2013	Functional	Need to be repaired
Energized fencing	Torsa-2, Moiradanga Beat		3.5	2013	Functional	Need to be repaired
Energized fencing	Torsa-2 & 3, Kunjanagar Beat		5.5	2013	Functional	Need to be repaired
Energized fencing	Torsa-2 & 3, Bengdaki Beat		15	2014	Functional	Converted to birbed wire
Energized fencing	Central Pilkhana		1.5	2012	Functional	
Nylon Net fencing	Jhilla, Pirkhali, Arbesi	Sundarban Tiger Reserve	90	2000 onwards	Functional	Very much effective in controlling tiger straying
Nylon Net fencing	Herobhanga reserve forest area	24-Parganas (South)	10	2013-14	Functional	
	Dhulibhasani-1 & 2		3	2013-14	Functional	
	Ajmalhari		21	2013-14	Functional	
Energized Fencing	Kalipur F.V. (Barahati-III)	Gorumara Wildlife Division	2	2008-09	Functional	
Energized Fencing	Ramsai Extension, (Jaldhaka-I)		1.75	2008-09	Functional	
Energized Fencing	Sambar Camp (Gorumara-II)		0.25	2008-09	Functional	
Energized Fencing	Bichabhanga F.V.		2	2008-09	Functional	
Energized Fencing	Budhram F.V.		2	2008-09	Functional	
Energized Fencing	Beat Complex, South Indong -I		2	2009-10	Functional	
Energized Fencing	Beat Complex, Bhogalmardi		2	2009-10	Functional	
Energized Fencing	Wildness C Panjhora-1a)		0.75	2009-10	Functional	
Energized Fencing	Chapramari Gate (Panjhora-4a)		0.25	2009-10	Functional	
Energized Fencing	Chapramari Beat Rest House Complex, Panjhora-2a		1	2009-10	Functional	
Energized Fencing	Gorumara Pilkhana		0.4	2009-10	Functional	
Energized Fencing	Dhupjhora Pilkhana		0.5	2009-10	Functional	
Energized Fencing	Chukchuki		1	2009-10	Functional	
Energized Fencing	Medla Pilkhana (Barahati-III)		0.2	2009-10	Functional	
Energized Fencing	Tondu Camp (Tondu-3)		0.15	2009-10	Functional	
Energized Fencing	Chapramari Antipoaching Camp-I (Chapramari-II)		0.2	2009-10	Functional	
Energized Fencing	Kalipur Eco-Village from Medla Tower to Valuadanga Bundh		1	2009-10	Functional	
Energized Fencing	Chatua F.V.		2	2010-11	Functional	
Energized Fencing	Sursuti F.V.		2	2010-11	Functional	
Energized Fencing	Dhupjhora-Ib		3	2011-12	Functional	
Energized Fencing	Jaldhaka-1b		3	2011-12	Functional	
Energized Fencing	Garati Pilkhana, (Dhupjhora-1c)		0.05	2011-12	Functional	
Energized Fencing	Tondu Camp, (Tondu-III)		0.05	2011-12	Functional	
Energized Fencing	Chapramari Gate		0.2	2011-12	Functional	
Energized Fencing	Chapramari-II		3	2011-12	Functional	
Energized Fencing	Mal-4 Busty		2	2011-12	Functional	

Status of Forest Fencing in West Bengal

Type of fencing	Coverage area (Block, Comptt.)	Division	Length (in km.)	Year of installation	Present status	Remarks
Energized Fencing	Sakam F.V.		1.5	2012-13	Functional	
Energized Fencing	Gariti Pilkhana, Dhupjhora-1c		0.15	2012-13	Functional	
Energized fencing	Sukna-II, Panchanai, Hatisar, M&G Block, Mahanadi, Lower Champasari, Singamari, Gulma	Darjeeling Wildlife Division	10	2012-13	Out of 10 km only 4 km fence in running condition	
Energized fencing	Forest inside fence-2 nos. 1) Around the golaghat 2) At Gulma Beat around the captive elephant pilkhana		200 mt approx & 300 mt approx	2012-13	Medium type functioning	
Energized fencing	Neora Jungle Camp	Jalpaiguri Division	0.6	2009-2011	Functional	
Chain Link fencing	Adina I	Malda	4.25	1985-2008	Functional	Needs petty repair
Energized fencing	Dalbadal F.V.	Buxa Tiger Reserve (West)	1.86	2013	Non functional	
Energized fencing	NB4	Buxa Tiger Reserve (East)	3	2013-14	Functional	
Energized fencing	KG 1 & Kg 2		3	2013-14	Functional	
Energized fencing	Sankosh		3	2013-14	Functional	
Energized fencing	Dh 3		1	2013-15	Functional	
Energized fencing	Jainty		1	2013-16	Functional	
Energized fencing	Sologhoria	Baikunthapur Division	5	2004-05	Functional	Needs repairing
Energized fencing	Magurmari		3	2004-05	Functional	
Energized fencing	Mechbusty		5	2004-05	Functional	
Chain Link fencing	BBWL Sanctuary	24 Paraganas (North) Division	3.5 km	2011-12	Functional	
Wove wire fencing	Bethuadahari -I	Nadia Mushidabad Division	4.3	1959-62	Functional	Necessary repairing is being done as & when necessary basis
Elephant proof trench	Barjora	Bankura North Division	2	2013-14	Functional	

Creation, Advance Work, Maintenance of Plantations during 2013-14

Division	Location	Scheme	Type of Plantation	Creation/ Maintenance/ Advance Work	Area (Ha)
Buxa Tiger Reserve(West)	West Damanpur Range, Poro East Beat, Poro-5 Comptt.	CSS	Misc.	Creation	10.00
	Nimati Range, Nimati West Beat, Nimati-1A Comptt.	CSS	Misc.	Creation	10.00
	East Rvk.Range, south Panbari Beat, Panbari Block,Pan-10 Comptt.	CSS	Misc.	Creation	10.00
			Total		30.00
Buxa Tiger Reserve(East)	SRD-5	State Plan	Misc.	Creation	5.00
	DH-1	State Plan	Misc.	Creation	5.00
	NRT-1	State Plan	Misc.	Creation	10.00
	SB-4	State Plan	Misc.	Creation	5.00
	SB-5	State Plan	Misc.	Creation	5.00
			Total		30.00
	SRD	State Plan	Sal & Misc.	Maintenance	329.00
	NRD	State Plan	Misc. & Fodder tree & Grass Pltn	Maintenance	85.00
	Bholka	State Plan	Misc., Sal& Medicinal Plt	Maintenance	209.00
	Jainti	State Plan	Mixed Tree pltn	Maintenance	25.00
	Hatipota	State Plan	Misc.	Maintenance	9.00
			Total		687.00
Rupnarayan	Garbeta Range, Dhadika and Noari Beats, Garbeta-I	CSS	Bamboo Pltn.	Maintenance	80.00
Kharagpur	Mayurjharna	State Plan	QGS pltn	Advance work	403.00
		State Plan	QGS pltn	Creation	175.00
		State Plan	Sal pltn	Advance work	25.00
		State Plan	Mixed pltn	Maintenance	130.00
		State Plan	QGS pltn	Creation	210.00
		State Plan	Sal pltn	Advance work	30.00
		State Plan	Bamboo pltn	Creation	10.00
		State Plan	Sal pltn	Maintenance	50.00
		State Plan	DPN	Advance work	50.00
		State Plan	Stip Pltn	Advance work	50.00
		State Plan	Stip Pltn	Creation	55.00
		State Plan	Strip Pltn	Maintenance	30.00
		State Plan	Stip Pltn	Maintenance	22.00
		CSS	Bamboo pltn	Maintenance	40.00
		FDA	QGS pltn	Maintenance	250.00
		FDA	QGS pltn	Maintenance	260.00
		FDA	Sal pltn	Creation	40.00
	Total				1830.00
Purulia	Ajodhya & Matha 10 ha each Ajodhya, Bagmundi & Matha, 10 ha each	CSS New Scheme	Mixed pltn	Creation	50.00

Creation, Advance Work, Maintenance of Plantations during 2013-14

Division	Location	Scheme	Type of Plantation	Creation/ Maintenance/ Advance Work	Area (Ha)
Coochbehar	Mathabhanga Range, Sitalkuchi Range, Cooch Behar Range-III.	State Plan	Strip Pltn	Creation	15.00
	Mathabhanga Range, Coochbehar-II Range, Pundibari Range, Cooch Behar Range-I	State Plan	Eco Misc.Pltn	Creation	20.00
	Total				35.00
Burdwan	Pargarh	FDA	Misc Pltn	Creation	30.00
	Burdwan HQ,Memari,katwa	State Plan	Strip Pltn	Creation	100.00
	Durgapur,Panagarh,Guskara	State Plan	Misc Pltn	Creation	15.00
	Durgapur, Panagarh, Guskara	State Plan	QGS pltn	Creation	425.00
	Total				690.00
Darjeeling Wildlife Division	Bara Senchal-6	State Plan	Broad leaf	Creation	10.92
	Rangiroom-1	State Plan	Broad leaf	Spl. Cleaning & Mulching	5.00
	Topkeyadara	State Plan	Broad leaf	Spl. Cleaning & Mulching	15.00
	Rimbick-7	State Plan	Broad leaf	Creation	5.00
	Total				35.92
Jaldapara Wildlife Division	JP(East)/Malangi/MLG-2 & 3	CSS-Jaldapara	Fodder Grass Plantation	Creation	20.00
	JP(East)/Sissamara/CP-2	CSS-Jaldapara	Fodder Grass Plantation	Creation	10.00
	Madarihat/NKB/KB-1	State Plan	Misc.	Raised seedling	17.00
	Kodalbasti/Mantharam/BD-4	State Plan	Sal + Misc.	Creation	12.00
	JP(East)/TEC/Torsa-1	Non Plan	Fodder Grass Plantation	Creation	10.00
	Total				69.00
Darjeeling Forest Division	North Rimbick- 2	State Plan	Block pltn	Creation	5.00
	Raman-5, South Rimbick-2, Kankibong-1, Selinbong-1, Kankibong-10, L.R-9, L.R-2, Pokhriabong-6, Badamtam-1, Lingding-3, Bhanjang-2, Poobong-2, Kankibong-1	FDA	Block pltn	Creation	95.00
	Total				100.00
Durgapur	Ukhra,Asansol	CSS	Sal pltn	Advance work	35.00
	Ukhra, Asansol	CSS	Mixed Tree	Advance work	120.00
	Asansol,Ukra	CSS	Sal pltn	Maintenance	60.00
	Asansol,Ukra	CSS	Mixed tree	Maintenance	291.10
	Asansol,Ukra	CSS	Sal pltn	Creation	25.00
	Asansol,Ukra	CSS	Mixed tree	Creation	115.00
	Total				646.10
Bankura(North)	Saltora, Chhatna, Patrasayer, Radhanagar, Beliatore, Bankura North, Gangajalghati, Sonamukhi, Barjora, Mejhia	State Plan	Mixed tree	Creation	750.00
Kansabati(South) Division	Pargora Beat under bandwan-I Range,Jamtoria Beat under Manbazar-II Range & Dhadka Beat under Jamuna Range	CCS	Bamboo	Advance work	30
	Bandwan Beat under bandwan-I Range & Kuilapal Beat under Jamuna Range	CSS	Fodder	Advance work	40
	Total				70.00
Jalpaiguri Division	Borodighi, Upper Rethi, Kalamati, Ramsai, Khuntimari, Dalgaon, Kharikata, Tollgate, Sipchu	State Plan	Misc. Pltn	Creation	150
	Sonakhali, Nathua, Carron,	FDA	Misc. Pltn		30
	Total				180
Gorumara Wildlife Division	UNR / Rachilla Beat / Rachilla Chowk	CSS/NVNP	Tree Fodder	Creation	2.00
	GSR / Dhupjhora Beat /	CSS	Grass Fodder	Creation	20.00

Creation, Advance Work, Maintenance of Plantations during 2013-14

Division	Location	Scheme	Type of Plantation	Creation/ Maintenance/ Advance Work	Area (Ha)
Gorumara Wildlife Division	GSR / Gorumara Beat /	CSS	Tree Fodder	Creation	5.00
	UNR / Rachilla Beat / Rachilla Chowk	CSS	Tree Fodder	Creation	2.00
	UNR / Rachilla Beat / Rachilla Chowk	CSS	Tree Fodder	Maintenance	2.00
	GNR / Chapramari Beat / Chapramari-II	State Plan	Chalta, Abmiok, Siris etc.	Maintenance	10.00
	GSR / Gorumara Beat / Gorumara-II	State Plan	Fruit Tree Plantation	Maintenance	10.00
	GSR / Gorumara Beat / Jaldhaka- 1b, Dhupjhora- 1b	CSS	Grass Fodder Plantation	Maintenance	20.00
	GNR / Khunia Beat / Selka-II	CSS	Bamboo Plantation	Maintenance	10.00
	GNR / Chapramari Beat / Chapramari-II	CSS	Fodder Grass Plantation	Maintenance	10.00
	GSR / Dhupjhora Beat / Dhupjhora-1b	State Plan	Tree Fodder	Maintenance	10.00
	GNR / Chapramari Beat / Chapramari-II	State Plan	Tree Fodder	Maintenance	10.00
	GSR / Dhupjhora Beat / South Indong-I	FDA (NAP)	Fodder Grass Plantation	Maintenance	10.00
	GNR / Chapramari Beat / Chapramari-II	FDA (NAP)	Fodder Grass Plantation	Maintenance	10.00
	GNR / Chapramari Beat / Chapramari-II	FDA (NAP)	Bamboo Grass Plantation	Maintenance	10.00
	GNR / Khunia Beat / Bamandanga Tond Mouza	CAMPA	Tree Fodder	Maintenance	10.00
	GNR / Khunia Beat / Bamandanga Tond Mouza	CAMPA	Grass Fodder	Maintenance	15.00
	GNR / Khunia Beat / Bamandanga Tond Mouza	CAMPA	Bamboo Plantation	Maintenance	5.00
	GSR / Dhupjhora Beat / South Indong-I	CSS	Fodder Fodder Plantation	Maintenance	10.00
	GNR / Khunia Beat / Selka-II	CSS	Grass Fodder Plantation	Maintenance	10.00
	GNR / Chapramari Beat / Chapramari-II	CSS	Tree Fodder	Advance	30.00
	GSR / Budhram Beat / Medla - III	State Plan	Tree Fodder	Advance	20.00
	GSR / Gorumara Beat / Jaldhaka- 1b,	State Plan	Grass Fodder	Advance	30.00
	GSR / Gorumara Beat / Jaldhaka- 1b,	CSS	Bamboo	Advance	10.00
	GNR / Chapramari Beat / Chapramari-II	CSS	Bamboo	Advance	5.00
	GNR / Khunia Beat / Bamandanga Tond Mouza	CAMPA	Grass Fodder	Advance	31.00
	Total				317.00
24 Parganas(North)	Barasat SF Range,Barrackpore SFR SF Range, Bongaon SF Range	State Plan & Non Plan	Nursery Distribution	Advance work	50.00
Purba Medinipur	Contai, Bajkul,Haldia,AFR,Panskura	SPAP-CSB	Coastal Shelter Belt	Creation	115
	Bajkul, Contai, Haldia,	SPAP-MG	Mangrove	Creation	146.42
	Bajkul, AFR,Panskura,Egra	SPAP-Strip	Strip	Creation	67
	Contai, Bajkul, Haldia,AFR,Egra	SPAP-MG	Mangrove	Advance	100
	Contai, Bajkul,Haldia,AFR,Egra	SPAP-CSB	Coastal Shelter Belt	Advance	117
	Bajkul,Contai,AFR,Panskura,Egra	SPAP-Strip	Strip	Advance	72
	Bajkul,Contai	SPAP-Bamboo	Bamboo	Advance	20
	Total				637.42

Creation, Advance Work, Maintenance of Plantations during 2013-14

Division	Location	Scheme	Type of Plantation	Creation/ Maintenance/ Advance Work	Area (Ha)
24 Parganas(South)	Matla,Ramnabagan,Bakkhali,Namkhana	CMM	Mangrove Pltn	Creation	220.00
	Ramnabagan,Raidighi,Matla,Bakkhali	CMM	Mangrove Pltn	Maintenance	270.00
	Baruipur,Diamond Harbour, Bakkhali,Ramnabagan, Raidighi	CMSBR	Non Mangrove nursery	Creation	400.00
	Baruipur,Diamond Harbour, Bakkhali,Ramnabagan, Raidighi,Matla	CMSBR	Non Mangrove nursery	Advance work	300.00
	Baruipur, Diamond Harbour, Matla,Raidighi, Ramnabagan, Bakkhali	SPAP	Non Mangrove Strip Pltn	Maintenance	164.00
	Baruipur, Diamond Harbour, Matla,Raidighi, Ramnabagan, Bakkhali,Bhagabatpur	SPAP	Non Mangrove Strip Pltn	Creation	100.00
	Total				1454.00



Encroachment of Forest Land in Wildlife Divisions			
Division	Encroachment (Ha)	Location	Remarks
Gorumara Wildlife Division	34.9 ha	Mithun Tar Village in West Nar 2 & 3 comppt. under Neora Valley National Park, Kalimpong, Darjeeling	Encroached since 1986-87

Diversion of Forest Land in Wildlife Divisions				
Division	Diversion of Forest Land	Location	Reason for Diversion	Present user
Coochbehar Division	1.564 Ha.	Patlakhawa	Transmission line	East North Interconnection Co. Ltd.
Malda Division	1 Ha.	Pather Mahadebbati	Construction of IBB Road	C.P.W.D.



**Discussed for approval or rejection of the following Research / Survey proposals
placed before Wildlife Research Advisory Committee held on 27.05.14**

Sl. No.	Project name and Submitted By	Comments of the RAC
1	“Taxonomic Studies and distribution on the family Reduviidae (Insecta: Hemiptera: Heteroptera) from India with special reference to West Bengal and North Eastern States” by Dr. K.A. Subramanian, Scientist – C & Officer-in-charge, Technical section, Zoological Survey of India.	Not approved as methodology & funding sources are not mentioned in spite of the request in this regard vide this office memo no.742/WL/4R-16/2014 dt.21.02.2014.
2	“1st Faunistic Survey in Sundarban Biosphere Reserve, West Bengal under the programme titled “Studies on the selected families of Hymenoptera of Sundarban Biosphere Reserve, West Bengal” by Dr. Gaurav Sharma, Scientist – C & O/C, Mammals & Ost. Section, Zoological Survey of India.	Not approved as methodology & funding sources are not mentioned. Also it is not clear that which families of Hymenoptera will be studied..
3	“Studies on the diversity and ethnic uses of Wetland Vascular plants in Terai and Duars of West Bengal, India” by Shri Anurag Chowdhury, Research Scholar, Dept. of Botany, University of North Bengal.	Not Approved
4	“A collaborative study on documentation of Lesser Cats and their habitat preferences through Camera traps in Jaldapara National Park, West Bengal” Biswajit Roy Chowdhury, Secretary, Nature Environment & Wildlife Society (NEWS).	Approved
5	“Carbon sequestering status of Forests, Tea Garden and agro ecosystems and other plant based land use system in Terai Zone of West Bengal” by Shri Gopal Shukla, SERB Young Scientist, Uttar Banga Krishi Viswavidyalaya, Dept. of Forestry, Pundibari – 736 165, Cooch Behar.	Decision will be taken on receipt of earlier study report for which permission was granted. They should be informed accordingly.
6	“Status of some little known faunal species of West Bengal and their prioritization for conservation action” by Dr. Rina Chakraborty, Principal Investigator, Former Scientist & HOO of Zoological Survey of India.	Not Approved
7	“Taxonomic studies on family Tabanidae (Insecta: Diptera) of West Bengal” and “ Molecular identification of Tabanids (Diptera Insecta) of West Bengal” by Dr. Dhriti Banerjee, Scientist C and O/C Diptera Section, Zoological Survey of India.	Agreed on principal but Researcher should give the source of funding. Approved subject to providing funding details, location of light traps.
8	“The carbon flux modeling in parts of Sundarban mangrove ecosystem based on land use, land cover change analysis using remote sensing & GIS field studies” by Soma Karmakar, Research Scholar, Dept. of Remote Sensing & GIS, Vidyasagar University, Midnapur, Pin- 721102.	Not Approved
9	“Studies on the selected families of Hymenoptera of Sundarban Biosphere Reserve, West Bengal” by Dr. K. Venkataraman, Director, Zoological Survey of India, Kolkata.	Not approved as methodology & funding sources are not mentioned in spite of the request in this regard vide this office memo no.745(4)/WL/4R-16/2014 dt.21.02.2014.

Sl. No.	Project name and Submitted By	Comments of the RAC
10	“Distribution and status of hornbills in the Neora Valley National Park & its adjoining forest areas” by Smt. Sarala Khaling, Ph. D., Regional Director, Ashoka Trust for Research in Ecology and Environment (ATREE), Regional Office-Eastern Himalaya / Northeast India, Khangsar Villa Development Area, Gangtok – 737 101.	Approved subject to providing funding details.
11	“Dietary use of wild edible fruits by the local communities and the hornbills in the lowland forests of Darjeeling Himalayas” by Smt. Sarala Khaling, Ph. D., Regional Director, Ashoka Trust for Research in Ecology and Environment (ATREE), Regional Office-Eastern Himalaya / Northeast India, Khangsar Villa Development Area, Gangtok – 737 101.	Approved
12	“Studies on the Pteridophytic flora of Darjeeling Hills” by Dr. Dorjay Lama, Associate Professor, Dept. of Botany, St. Joseph College, P.O.- North Darjeeling.	It is suggested to take up the project in the Reserve Forest areas (outside PA) and they should approach PCCF, (HoFF), West Bengal.
13	“Multi-Site epidemiological and virological survey of Nipah virus: Special emphasis on North-East region of India” by Dr. D.T. Mourya, Director, National Institute of Virology, Indian Council of Medical Research, Min. of Health & Family Welfare, Govt. of India.	Approved subject to providing funding details.
14	“Photographic project in Duars to document the flora and fauna” by Dr. Dipendra Bandopadhyay, M.S. Ortho (Cal), DNB Ortho and Amit Maitra, Freelance Photojournalist, 3 Sardar Sankar Road, Suryoday, 4th Floor, Kolkata- 700026	Not a research project. The proposal should be placed to CWLW separately for approval.
15	“Role of Insect pollinators on the conservation of the major mangrove species in Sundarban Islands” by K. Venkataraman, Director, Zoological Survey of India, MoEF, M- Blok, New Alipore, Kolkata 700 053	Approved subject to providing funding details.
16	“Geo-Chemical mapping programme (NGCM) for creation of baseline geochemical database, preparation of geochemical maps” by Sandipan Das, Geologist, Geological Survey of India, Eastern Region, Bhu Bijnan Bhawan, DK-6, Sector-II, Salt Lake, Kolkata-91	Not approved in current form.
17	Geo-Chemical mapping programme (NGCM) for creation of baseline geochemical database, preparation of geochemical maps” by Loganathan R. Geologist, Geological Survey of India, Eastern Region, Bhu Bijnan Bhawan, DK-6, Sector-II, Salt Lake, Kolkata-91	More details are required regarding location , grid, methodology.
18	“Geo-Chemical mapping programme (NGCM) for creation of baseline geochemical database, preparation of geochemical maps” by Pukrozo Keyho, Geologist, Geological Survey of India, Eastern Region, Bhu Bijnan Bhawan, DK-6, Sector-II, Salt Lake, Kolkata-91	More details are required regarding location , grid, methodology. It is to be clarified whether this project and project under SI No.16 are same or not.
19	“Taxonomic studies and distribution on the family reduviidae (Insecta: Hemipetra:Heteroptera)” by Dr. K. A. Subramanian, Scientist-c & O/C, Technical Section., Zoological Survey of India, MoEF, M-Block, New Alipore, Kolkata-700 053	Approved subject to providing funding details.
20	“Understanding the mid-altitudinal peak in bird species diversity in Eastern Himalayas” by P. K. Mathur, Dean, Faculty of Wildlife Science, WII.	No invasive methods are allowed inside Protected Area.

Sl. No.	Project name and Submitted By	Comments of the RAC
21	“Study movement pattern and dispersal of the Bengal Florican : A satellite telemetry pilot project” by Asad R. Rahmani, Director, Bombay Natural History Society, Hornbill House, Dr. Salim Ali Chawk, Saheed Bhagat Singh Road, Mumbai – 400 001.	Non-invasive field survey is allowed in present form. The rest of the proposal may be considered without Satellite Telemetry and PTT.
22	“Assessment of anuran diversity in the Dooars region of West Bengal on the basis of sequence signature imprinted in the mtDNA” by Sanjib Kumar Das, Associate Professor, Taki Govt. College, Taki, North 24-Parganas.	Not approved in present form where Project period, methodology, funding source are not mentioned.. It is apparent that the methodology will involve invasive method for which permission cannot granted.
23	“Causes of avian diversity gradient along the Himalayas” by P. K. Mathur, Dean, Faculty of Wildlife Science, WII	Approved.
24	“Causes of avian diversity gradient along the Himalayas” by P. K. Mathur, Dean, Faculty of Wildlife Science, WII.	Approved but for invasive study only Sch-IV birds are allowed..
25	“A multi-proxy approach to identify sources and reactivity of organic matter (OM) in the Sundarban mangroves, India” by Al Ramanathan, Professor, School of Environmental Science, JNU, New Delhi – 110067	Clarification required on core sample, location.
26	“Conservation of Chinese pangolin in Tea Estates / plantation of Darjeeling – an initiative to protect wildlife in areas outside Protected Areas” by Sarala Khaling PhD, Regional Director, ATREE, Eastern Himalayas-Northeast India, Khangsar House, above Brahmakumari Building, Development Area, Gangtok, Sikkim	Approved
27	“To study the Soil Sequestration Potential Estimation in Natural Forest and Simulation of Carbon Dynamics of Darjeeling Hill District of West Bengal” by Dr. K. V. Devi Prasad, Prof & Head, Dept. of Ecology and Environment, Pondicherry University	As the area falls under reserve Forests in Darjeeling, they should approach PCCF(HoFF), West Bengal for project outside Protected Area in Darjeeling District.





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