Chapter 6 :
Census of Wild Animal

Black Necked Grebe in proposed Gazoldoba Bird Sanctuary

Pix - 70

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 Sundarbans and Sajnekhali forests in South Bengal.

Royal Bengal Tiger at Sundarban **Pix - 71**

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 & BTR authority)

Sundarbans (2012 & 2013)
Tiger estimation by camera trapping 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) **Total Sundarbans – 102 (Minimum)**

Sundarbans (2014)
Sundarbans – 110 (by WWF-India)

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.

Leopard at Chilapata **Pix - 72**

Leopard Census :

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 :

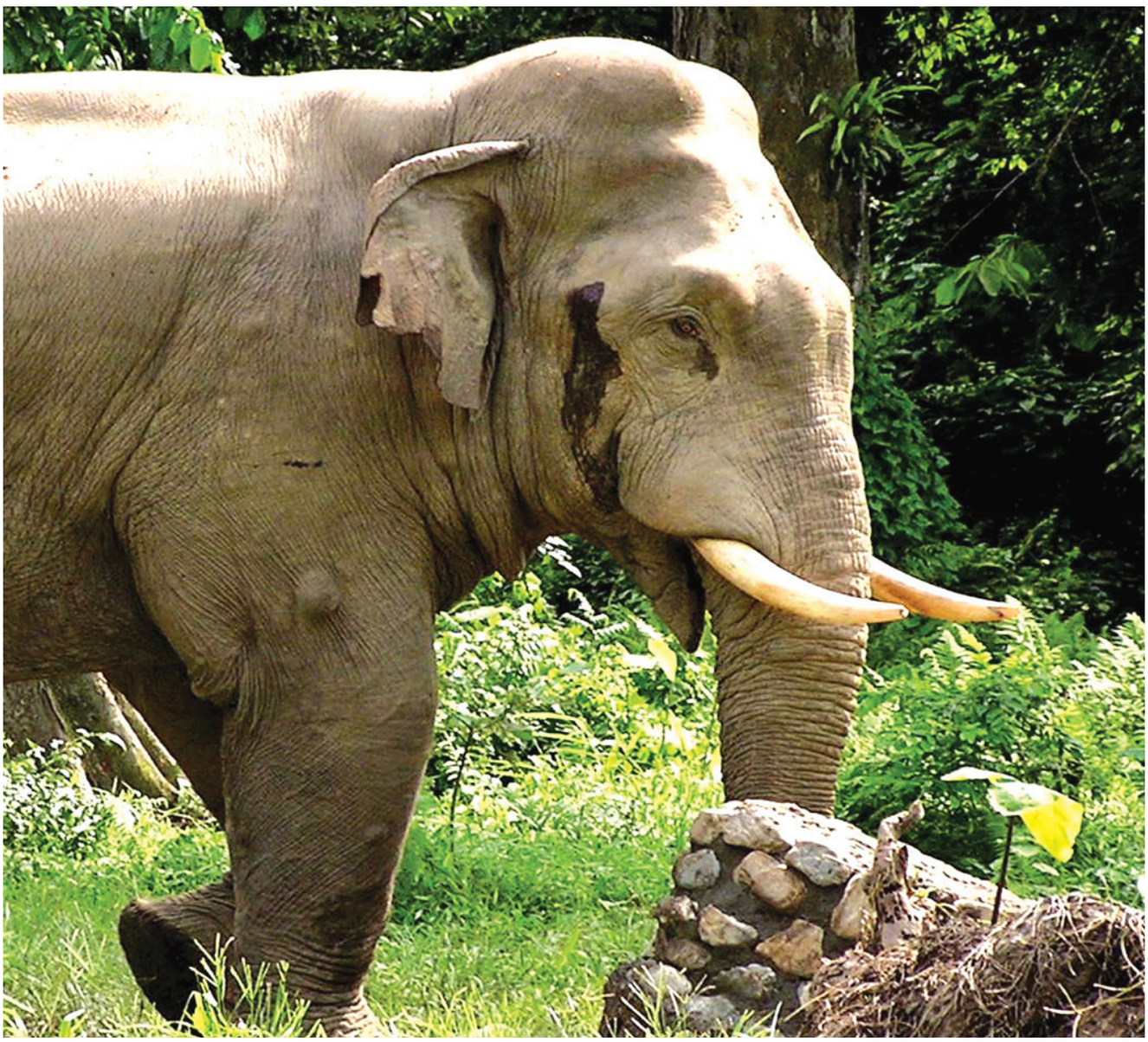
Also known as the Indian Bison or Gaur, Gaur is a massive creature. The gaur is a herbivore and prefers grass. It is very common to see guar browsing on leaves or munching on the bark of select trees. In north Bengal, there is a sizeable population of gaur, especially in Neora valley, Jaldapara, Mahananda,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

Gaur at Buxa **Pix - 73**

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 :

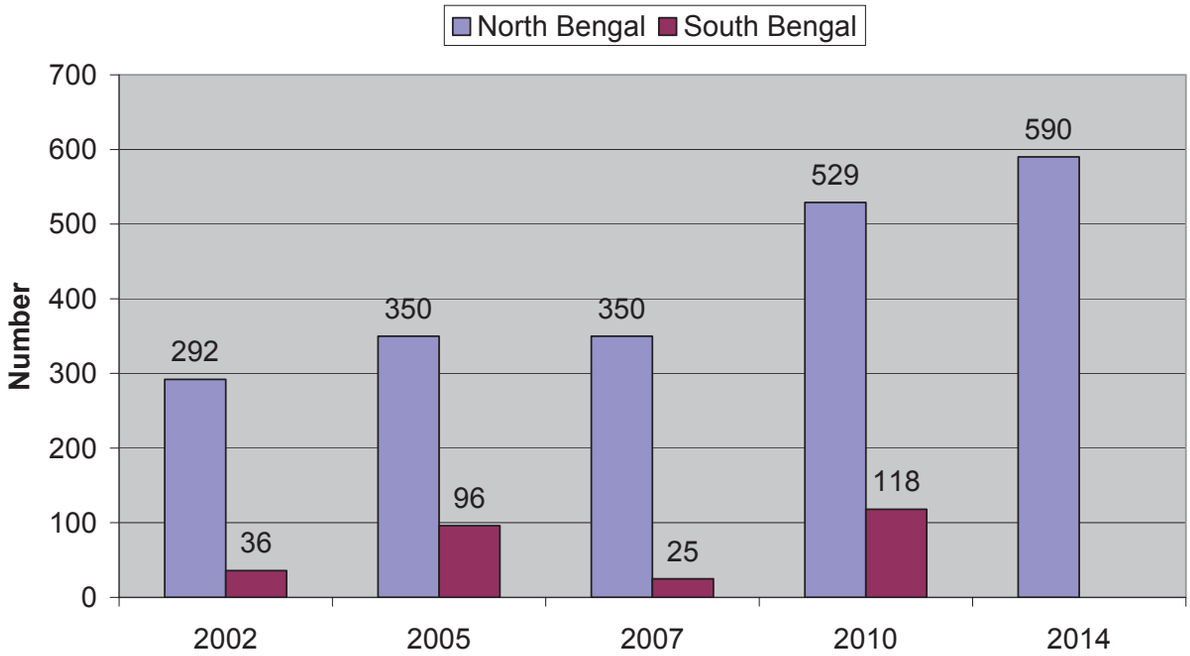
The Asian Elephant (also known as the Indian Elephant) is a huge land animal. Elephants are found in Buxa, Gorumara, Mahananda, Chapramari, Jaldapara etc. in northern part of West Bengal. In south West Bengal the elephant are mainly seen in the districts of Bankura, Purulia, Midnapore.



Musth Tusker in Buxa Tiger Reserve **Pix - 74**

Year	Total Number
1989	175
1993	186
1997	230-250
1998	230-250
2000	327
2002	328*
2005	North Bengal 300-350 & South Bengal 96
2007	North Bengal 300-350 & South Bengal 25 (excluding migratory population)
2010	North Bengal 529 & South Bengal 118 (including migratory population)
2014	North Bengal 590+ Census not done in South Bengal.

Elephant Population in North and South Bengal



Rhinoceros :

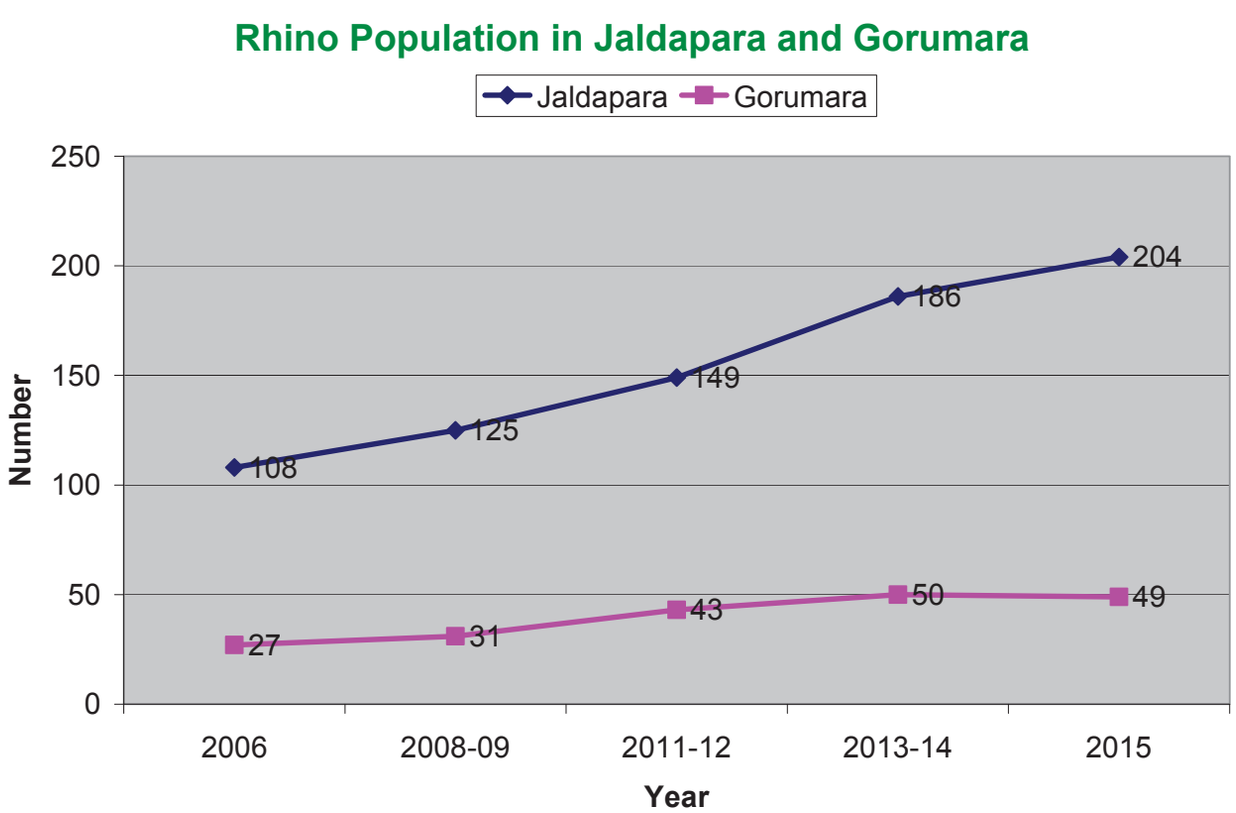
They are one of the largest land mammals. The Great Indian Rhinoceros have a single horn, usually upto 53 cm long. The rhino is found in the beautiful grassland and forests of Jaldapara and Gorumara.

Rhino at Jaldapara **Pix - 75**

Rhino Census:

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		
014		50*	
2015	204	49 + 2 (Darjeeling WL Division)	255

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



Rhino Population (as per Census 2015)					
Protected Area	**Male**	**Female**	**Sex unidentified**	**Calf**	**Total**
Jaldapara NP	68	78	11	47	204
Gorumara NP (including Chapramari WLS & adjoining areas of Gorumara & Chapramari)	22	17	2	8	49
Darjeeling Wildlife Division	2	0	0	0	2
Grand Total	**92**	**95**	**13**	**55**	**255**

Crocodile (salt water Crocodile)

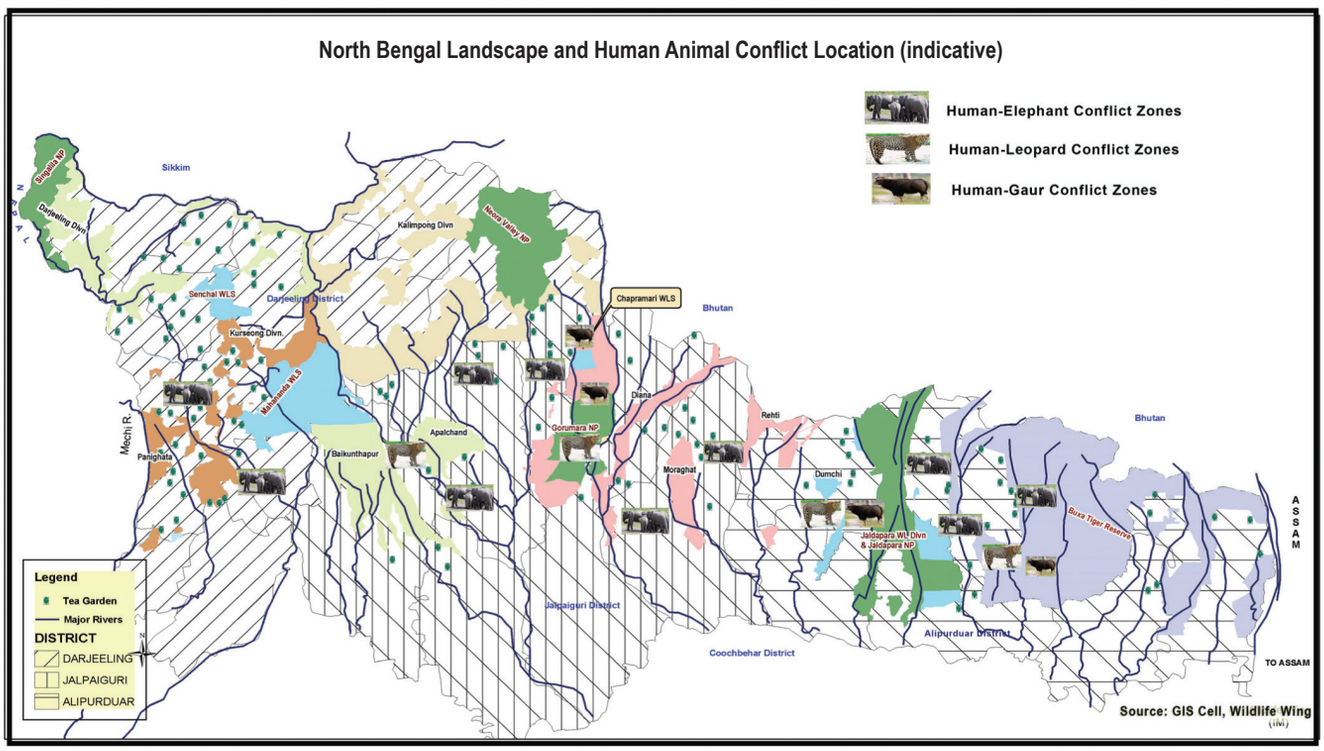
STR & 24-Parganas (South) Division

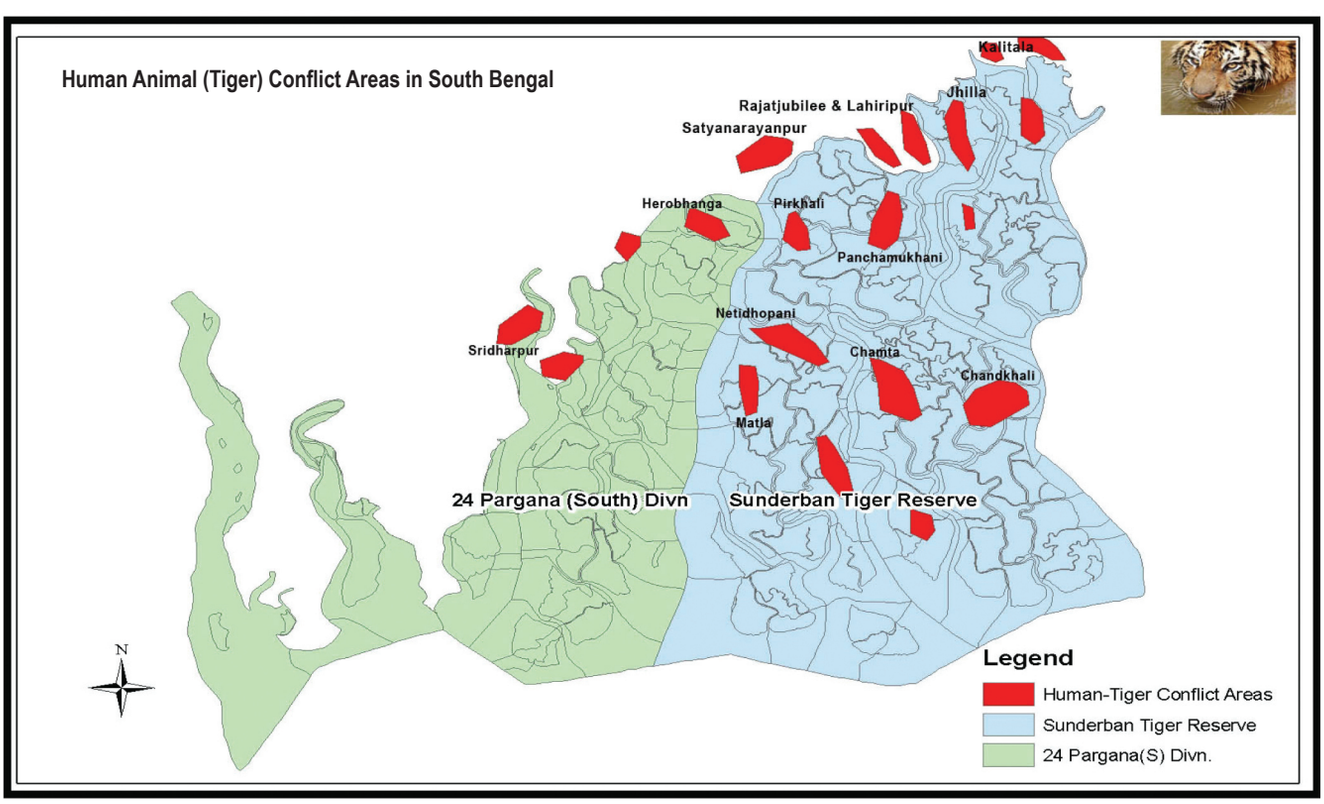
Salt Water Crocodile at Sundarban **Pix - 76**

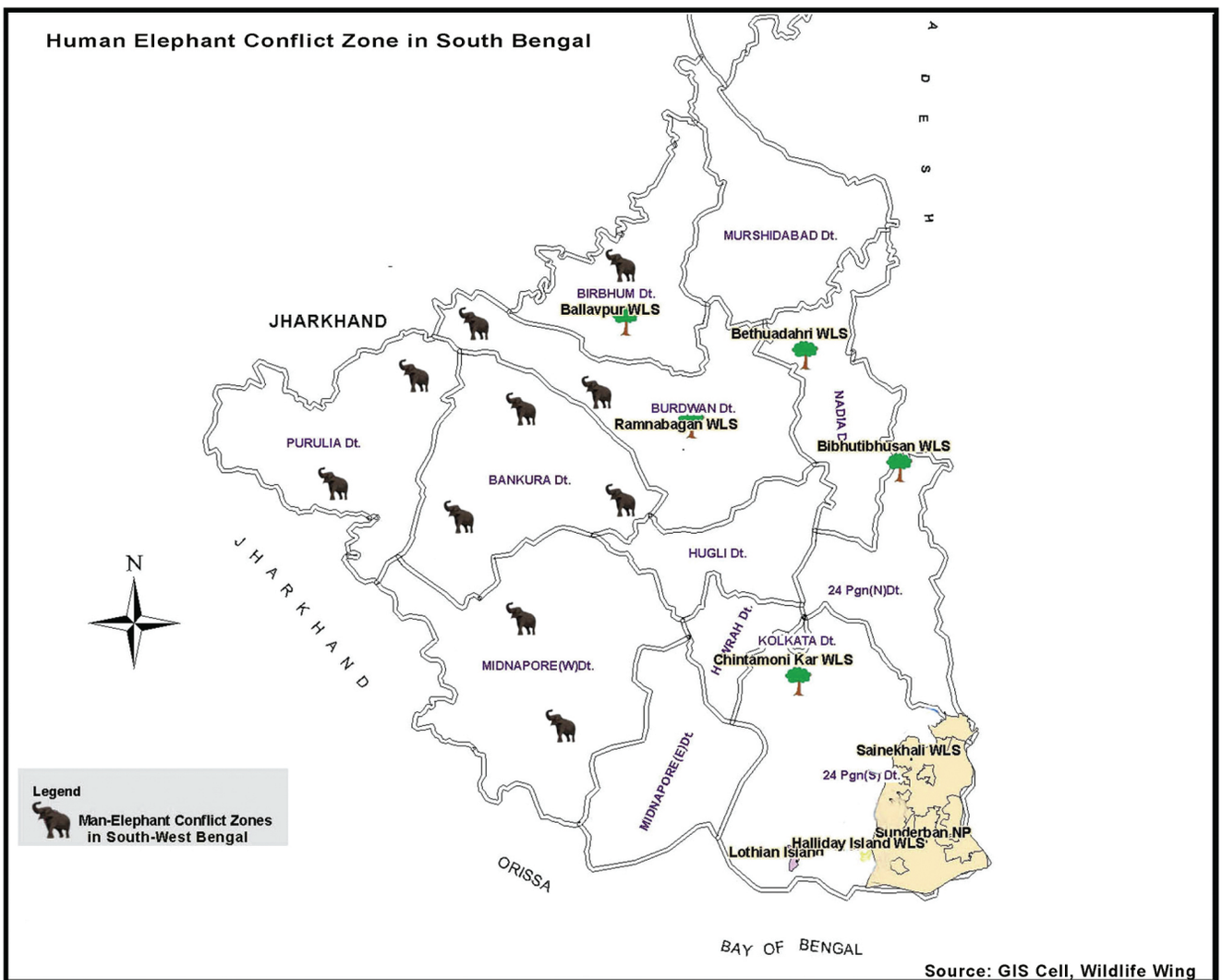
Year	Indirect sighting	Direct sighting			
		Adult	Juvenile	Hatchling	Total
2012	99	69	61	10	140

Chapter 7
Human-Animal Conflict

Pix - 77


North Bengal Landscape and Human Animal Conflict Location (indicative)
Human-Elephant Conflict Zones
Human-Leopard Conflict Zones
Human-Gaur Conflict Zones
Sikkim
Singalila NP
Darjeeling Divn
Senchal WLS
Darjeeling District
Kurseong Divn.
Mahananda WLS
Kalimpong Divn
Neora Valley NP
Chapramari WLS
Bhutan
Mechi R.
Panighata
Baikunthapur
Apalchand
Gorumara NP
Diana
Moraghat
Rehti
Dumchi
Jaldapara WL Divn & Jaldapara NP
Buxa Tiger Reserve
Jalpaiguri District
Coochbehar District
Alipurduar District
ASSAM
TO ASSAM
Legend
Tea Garden
Major Rivers
DISTRICT
DARJEELING
JALPAIGURI
ALIPURDUAR
Source: GIS Cell, Wildlife Wing


Human Animal (Tiger) Conflict Areas in South Bengal
Kalitala
Jhilla
Rajatjubilee & Lahiripur
Satyanarayanpur
Herobhanga
Pirkhali
Panchamukhani
Netidhopani
Sridharpur
Chamta
Chandkhali
Matla
24 Pargana (South) Divn
Sunderban Tiger Reserve
N
Legend
Human-Tiger Conflict Areas
Sunderban Tiger Reserve
24 Pargana(S) Divn.

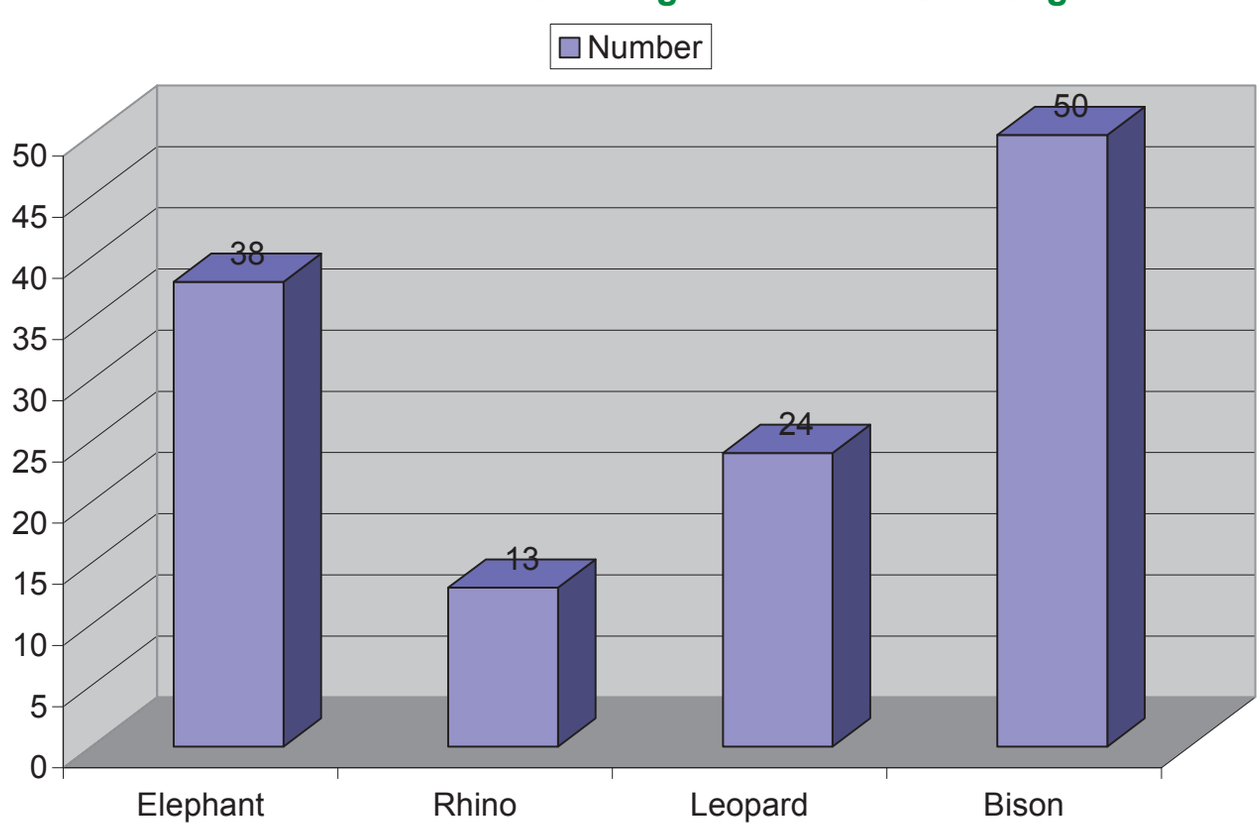


Other than creation of Thematic Maps the GIS Cell regularly monitors radio collared animals by using the Real-time data received from the satellite collars.

Death of Wild Animals during 2014-15 in West Bengal

Name of Animals	Natural Death	Accident	Poaching	Retaliatory Killing	Declared rouge & eliminated	Death in Captivity	Total
Wild Elephant	22	4	3	9	0	0	**38**
Departmental / Tame Elephant	3	0	0	0	0	0	**3**
Tiger	1	0	0	0	0	0	**1**
Leopard	12	11	1	0	0	0	**24**
Rhinoceros	7	0	6	0	0	0	**13**
Barking Deer	3	4	0	0	0	1	**8**
Sambar	1	0	0	0	0	0	**1**
Spotted Deer	5	1	0	0	0	3	**9**
Hog Deer	1	1	0	0	0	0	**2**
Wild Boar	9	3	2	0	0	0	**14**
Crocodile	1	0	0	0	0	0	**1**
Sloth Bear	0	0	0	0	0	1	**1**
Leopard Cat	2	4	0	0	0	0	**6**
Monkey	0	2	0	0	0	0	**2**
Python	0	1	0	0	0	0	**1**
Langur	1	4	0	0	0	0	**5**
Gaur	44	6	0	0	0	0	**50**
Total	112	41	12	9	0	5	**179**

Death of Wild Animals during 2014-15 in West Bengal



Compensation paid for Human-Elephant Conflict in West Bengal during last 5 years

(in Rs.)

Year	Person killed	Person injured	Comp paid for human death/ injury	Crop damage (Ha.)	Comp paid for crop damage	Hut damage (No.)	Comp paid for hut damage	Total
2010-11	96	396	11260357.00	4830.540	24851886.00	4566	5698563.00	41810806.00
2011-12	67	171	5593010.00	5284.950	21443507.00	4283	4592558.00	31629075.00
2012-13	69	119	6330705.00	5872.458	35005838.00	3669	6036612.00	47373155.00
2013-14	67	114	7719469.00	8940.672	33752974.00	3207	7514495.00	48986938.00
2014-15	89	102	10541123.00	8340.039	38619738.00	4357	8934829.00	58095690.00
Average	**77.6**	**180.4**	**8288932.80**	**6653.7318**	**30734788.60**	**4016.4**	**6555411.40**	**45579132.80**

Death of Wild Animals caused by Train accident during 2014-15

Species	Date and time	Place of occurrence	Description	Number	Cause of Death
Elephant	01.07.2014 (between 1:15 to 2:00 AM)	Madhu Tea Garden in between Kalchini and Hasimara Railway Station, Godamdabri Beat, Hamiltonganj Range, BTR(West) Division	Female, Adult-1 No. (Pregnant) Sub-adult, Tusker-1 No.	2 Nos.	Collided with Army Special Train
	23.12.2014 (4.30 AM)	Tejpal, Bishnupur, Bishnupur-I Beat under Bishnupur Range	Male, Adult (35 yrs.)	1 No.	Collided with goods train
Python	06.11.2014 (8.45 AM)	Railway track near Oodlabari, Gorumara Wildlife Division	–	1 No.	Train accident
Leopard Cat	07.04.2014 (8.00 AM)	Railway track in between 67/5-6 pillar, beside Chapramari Railway Line, Gorumara Wildlife Division	Female, 2 yrs.	1 No.	Train accident

Death of Wild Animals caused by Road accident during 2014-15

Sl. No.	Animal died	Date of occurrence	Place of occurrence	Number
1.	Himalayan Palm Civet	25.04.2014	Kadamtala Bus Stand, Jalpaiguri	1 No.
2.	Leopard (Female, 3 yrs.)	19.08.2014	Dhupjhora More beside NH-31 under Gorumara North Range	1 No.
3.	Leopard Cat (Female, 18 months)	12.10.2014	NH-31, Bichabhanga Beat under Gorumara South Range	1 No.
4.	Spotted Deer (Male, 7 yrs.)	17.11.2014	NH-31 near Khunia More under Wildlife Squad, Khunia Range	1 No.
5.	Tokay Gecko (Male, 1 yr.)	23.02.2015	NH-31 Toonbari More, Malbazar	1 No.

Death of elephants caused by electrocution during 2014-15

Sl. No.	Date	Sex	Age	Place	Division	Category	Remarks
1	23.04.14	Female	30 yrs.	Open field near Talenda village under Mejhia Beat of Mejhia Range	Bankura North Division	Retaliatory Kiilling	FIR lodged
2	01.06.14	Male	12-15 yrs.	Singhijhora village, Dabgram-4 Comptt. of Adabari Beat of Sarugarah Range	Baikunthapur Division	Retaliatory Killing	FIR lodged
3	02.06.14	Male	14 yrs.	Moorti Sardi Line, Mateli Tea Garden Labour Habitat (Non forest area under the jurisdiction of Khunia Wildlife Squad)	Gorumara Wildlife Division	Retaliatory Killing	FIR lodged
4	08.07.14	Male	20-22 yrs.	Marion Barie Tea Estate under Bamanpokhri Range	Kurseong Division	Retaliatory Killing	FIR lodged and POR submitted.
5	15.08.14	Female	40 yrs.	Bengdubi Military dairy farm under Bagdogra Range	Kurseong Division	Retaliatory Kiilling	FIR lodged
6	18.10.14	Female	18 yrs.	Rakamjote under Panighata Range	Kurseong Division	Retaliatory Killing	FIR has been lodged at Naxalbari P.S & POR submitted
7	18.10.14	Male	20 yrs.	Rakamjote under Panighata Range	Kurseong Division	Retaliatory Killing	FIR has been lodged at Naxalbari P.S & POR submitted
8	21.10.14	Female	16 yrs.	Panjhora Block, Comptt No. 1 (near Paddy field field of Panjhora Forest Village), Panjhora Beat of Chalsa Range	Jalpaiguri Division	Retaliatory Killing	FIR has been lodged at Nagrakata P.S.
9	21.10.14	Male	20 yrs.	Upper Kalabari Village, P.S. Banarhat	Jalpaiguri Division	Retaliatory Killing	FIR has been lodged at Banarhat P.S.

Death of Departmental Elephants during 2014-15

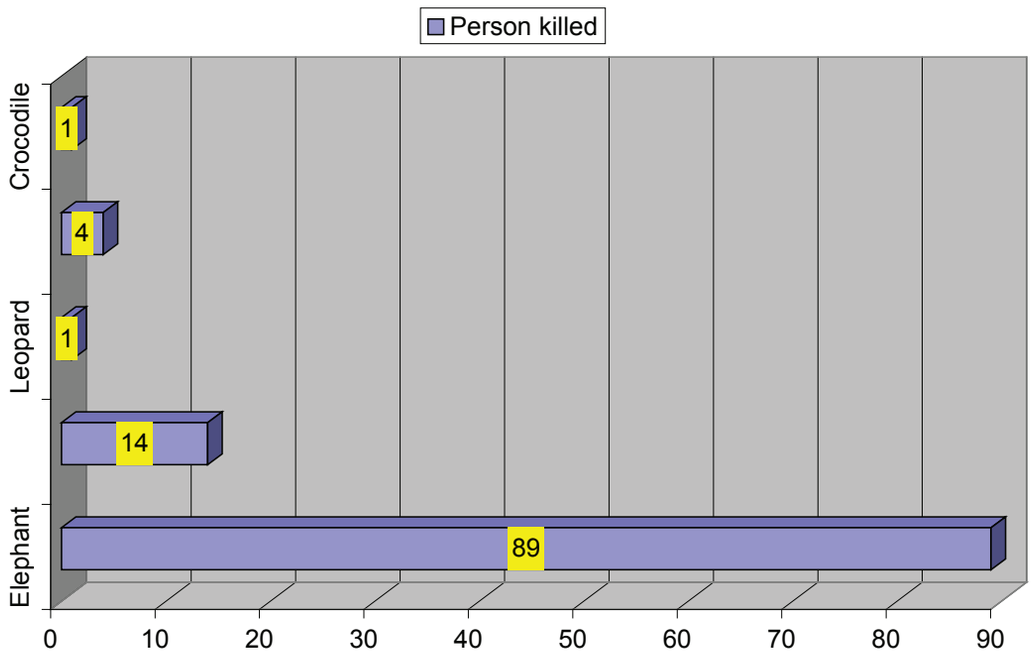
Sl. No.	Date	Sex	Age	Division	Place of incidence	Cause of Death	Remarks
1.	04.05.2014	–	Calf	Jaldapara Wildlife Division	MG-3 Comptt. under Malangi Beat in Jaldapara East Range	Natural	Calf of deptt. elephant Sundermoni
2.	20.06.2014	Female	Adult	Jaldapara Wildlife Division	JP-4 Compartment under 50 Feet Beat in Jaldapara North Range	Natural	Deptt. elephant Damayanti
3.	18.12.2014	Female	Adult	Jaldapara Wildlife Division	Hollong Central Pilkhana	Natural	Deptt. Elephant Urbasi

Person killed /injured by Wild Animals during 2014-15

Sl. No.	Name of Animals	No. of Persons Killed	No. of Persons injured
(1)	(2)	(3)	(4)
	Elephant	N.B. 50 + S.B. 39 = 89	N.B. 55 + S.B. 47 = 102
	Tiger	STR. 14 + 24-P(S). 0 = 14	STR. 1 + 24-P(S). 3 = 4
	Leopard	1	84
	Rhinoceros	0	1
	Gaur (Indian Bison)	4	9
	Crocodile	1	0

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

Persons killed by Major Wild Animal during 2014-15



Forest Staff Killed / Injured by Wild Animal during 2014-15

Sl. No.	Name of the Staff	Designation	Killed/ Injured	Division	Remarks
1.	Tepra Oraon	CDL	Killed	Gorumara Wildlife Division	Killed by wild elephant
2.	Nandu Goala	Forest Guard	Injured	Gorumara Wildlife Division	Injured by Vulture attack

Straying of Wild Animals during 2014-15

Species	Date	Animal Description	Location	Management Action	Extent of damage	Remarks
Tiger	30.05.14		Jemspur	Returned on its own	Killed one cow	
	11.06.14	Male, 12-14 yrs.	Dayapur JFMC	Captured by chemical immobilization	Killed 4 goats and 3 ducks	Released at Chamta-4 on 12.06.14
	18.10.14 to 20.10.14		Tridibnagar Gangamelia village	Back into forest 20.10.14 on its own	Nil	
	06.11.14 to 08.11.14		Jharkhali village	Back into forest 08.11.14 on its own	Nil	
	15.11.14		Purba Gurguria	Back into forest 15.11.14	Nil	
	16.11.14		Deulbari	Back into forest 16.11.14 on its own	Nil	
	18.11.14 to 20.11.14		Petkulchand, Purba Madhya Gurguria & Deulbari	Back into forest 20.11.14 on its own	Nil	
	24.11.14 to 27.11.14		Tridibnagar, Jharkhali	Back into forest 24.11.14 on its own	Nil	
	26.11.14 to 30.11.14		Kantamari, Deulbari	Back into forest 30.11.14 on its own	Nil	
	28.11.14		Herobnhanga-9	Back into forest 28.11.14 on its own	Nil	
	05.12.14		Chitturi forest	Captured tiger released on 06.12.14 at Baghmara-3 Comptt. Under Baghmara Beat, NPE Range under STR	Nil	
	08.12.14 to 09.12.14		Kishorimohanpur	Back into forest 09.12.14 on its own	Nil	
	05.03.15	Male, 8-9 yrs.	Kumirbari Bazar	Captured by chemical immobilization	Nil	Released at Chamta-2 on 06.03.15

Species	Date	Animal Description	Location	Management Action	Extent of damage	Remarks
Rhino	07.04.2014 to 09/04/2014 29/04/2014	Male	Gulma Block, WR Samardanga Block, NR	-do-	Nil	Moved from Gorumara N.P.
	03.05.14 to 06.05.14 07 & 08.04.14 & 17.05.14 19 & 22.05.14 23 to 26.05.14	-do-	Samardanga Block, NR Gulma ¼ watch tower, WR, Toribari Block, Gulma ¼ WT. Gulma ¼ WT.	-do-	Nil	-do-
	02.06.14 05 & 06.06.14 10.06.14 12.06.14	-do-	Kalijhora Block Gulma ¼ WT & Laltong. Gola Block, Kalijhora Gulma ¼ WT.	-do-	Nil	-do-
	01.07.14 06.07.14 11 to 14.07.14 16 to18.07.14	-do-	Sevoke Block, Gulma Block, Jogijhora, Punding, Panchanoi, Koklong Block. Gulma ¼ TW, Singimari	-do-	Nil	-do-
	12 to 14.08.14 16.08.14 23 & 24.08.14 27 & 28.08.14 30.08.14	-do-	Koklong Block Punding Koklong Block Gulma ¼ WT. Lower Ghoramara, NR	-do-	Nil	-do-
	20 & 21.09.14 22 to 28.09.14	-do-	Laltong, Toribari Block, SR, Gulma, Mahanadi, Sukna, Koklong.	-do-	Nil	-do-
	04 to 12.10.14 16.010.14 17&18.10.2014 19.10.14 20 to 22.10.14 24 to 31.10.14	-do-	Adalpur Block, Gulma ¼ & Singimari, Punding. Koklong, Adalpur Block. Koklong, Gulma, Sevoke Block, Toribari, Lower Ghoramara, Gulma ¼ WT, Gulma ¼, Koklong & Adalpur Block	-do-	Nil	-do-
	1 to 3.11.14 8 to 10.11.14 11 to 13.11.14 17 to 18.11.14	-do-	Koklong & Gulma ¼ Laltong & Sevoke Koklong, Gulma ¼ Sevoke, Lower Ghoramara Block.	-do-	Nil	-do-
Leopard	23.06.14	Male, Adult	Chamurchi TG	Watching upto Sun set	Nil	And then leaved the animal at his habitat.
	31.08.14	Leopard cub	Debpara TG, Sec.No.69	Released same place	Nil	To rehabilitate
	27.12.14	Leopard, Female, 6 years	Killkot T.E	Tranquilised and rescued from snare/ trap	None	Translocate to NIC/ Lataguri for treatment.
Gaur	14.04.14	Adult F -2, M-1	Diana TE, Sect.8	Controlled the crowd and watch over the animals till evening	Injured 2 persons	One unfortunately died dropped into a trench due to uncontrolled crowed. Three drive to Diana Forest in the evening
	02.05.14	Adult F -2,M-1	Red Bank TE	Controlled the crowd and watch over the animals till evening	Nil	Drived to Diana Forest in the evening
	22.05.14	Adult F -1,M-1	Kalabari Village	Controlled the crowd and watch over the animals till evening	Nil	Drived to Totapara Forest in the evening
	08.06.14	M/Adult-1	Diana T.E. Section. 8	Controlled the crowd and watch over the animals till evening	Nil	Drived to Diana Forest in the evening
	15.06.14	M/Adult-1	Moraghat TG	Controlled the crowd and watch over the animals till evening	Nil	Drived to Totapara Forest in the evening
	06.07.14	Adult Gaur, F-1,M-1	Red Bank TE	Controlled the crowd and watch over the animals till evening	Nil	Drived to Diana Forest in the evening

Species	Date	Animal Description	Location	Management Action	Extent of damage	Remarks
	12.07.14	Gaur, F/Adult -2,M-1	Red Bank TE	Controlled the crowd and watch over the animals till evening	Nil	Drived to Diana Forest in the evening
	20.10.14	Gaur, Adult F -2,M-1	Kathalbari TE	Controlled the crowd and watch over the animals till evening	Nil	Drived to Rehti Forest
	18.11.14	-	Baro Singimari, Ghoksadanga, Coochbehar	Captured & released in Chilapata	Death of villagers-3 Nos., Injury to villagers-2 Nos., Crop damage-0.704 ha., Hut damage-9 Nos., Livestock killed-18 Nos.	-
	12.12.14	Gaur, M/ Adult-1	Surendarnagar TG	Controlled the crowd and watch over the animals till evening	Injured one person	Drived to Rehti Forest
	04.01.15	Male	Bara Senchal, Senchal West Range	Instructed to staff keep watching.	Nil	Moved from Latpanchar, North Range.
	19.03.15	Gaur, Adult F-1,M-1	Red Bank TE	Controlled the crowd and watch over the animals till evening	Nil	Drived to Diana Forest in the evening

Compensation paid for wild animal depredation during last 5 years in West Bengal

Year	Person killed (No.)	Person injured (No.)	Comp paid for human life & injury	Live-stock killed/ injured (No.)	Comp paid for livestock killed	Hut damage (No.)	Comp paid for hut damage	Crop damage (Ha.)	Comp paid for crop damage	Total Comp
2010-11	106	422	12652620.00	409	261913.00	4566	5698563.00	4830.54	24851886.00	43464982.00
2011-12	71	317	6701908.00	311	240350.00	4283	4592558.00	5284.95	21443507.00	31969425.00
2012-13	81	237	8053779.00	333	224950.00	3669	6036612.00	5872.458	35005838.00	49321179.00
2013-14	81	229	9034264.00	441	384580.00	3207	7514495.00	8940.67	33752974.00	50686313.00
2014-15	109	213	12066877.00	1337	1205768.00	4366	8955829.00	8348.573	38706218.00	60934692.00
Average	89.6	283.6	9701889.60	566.2	463512.20	4018.2	6559611.40	6655.4382	30752084.60	47275318.20

by Sri Chandi Lahiri

Payment of Ex-gratia Relief for Wild Animal depredation in West Bengal for the period 2014-15

Division	Person killed (No.)	Person injured (No.)	Comp paid for human life & injury	Livestock killed/ injury (No.)	Comp paid for livestock killed	Hut damage (No.)	Comp paid for hut damage	Crop damage (Ha.)	Comp paid for crop damage	Total Comp
Darjeeling WL Division	4	1	416692.00	73	51100.00	75	146000.00	171	354625.00	968417.00
Gorumara WL Division	17	116	3263260.00	9	6300.00	78	197000.00	30	224462.00	3691022.00
Jaldapara WL Division	10	1	503900.00	60	52500.00	194	293100.00	178.55	439450.00	1288950.00
Buxa Tiger Reserve (W)	3	6	320000.00	143	183400.00	512	780700.00	275	1303700.00	2587800.00
Buxa Tiger Reserve (E)	3	12	200000.00	435	225330.00	331	476180.00	241.93	1452230.00	2353740.00
Jalpaiguri Division	5	7	559157.00	18	9000.00	557	1222500.00	225.024	1687680.00	3478337.00
Kurseong Division	3	0	200000.00	53	63600.00	202	293100.00	1966	1476000.00	2032700.00
Baikunthapur Division	6	14	335120.00	520	595688.00	353	740350.00	125.58	1038684.00	2709842.00
Coochbehar Division	3	2	310988.00	18	12250.00	9	21000.00	0.704	8000.00	352238.00
Rupnarayan Division	2	2	201797.00	0	0.00	45	135000.00	811.702	6087764.00	6424561.00
Kharagpur Division	8	0	1100000.00	0	0.00	349	947600.00	280.315	3583000.00	5630600.00
Jhargram Division	2	1	202249.00	0	0.00	135	224200.00	94	569069.00	995518.00
Bankura (North) Division	12	22	1992721.00	0	0.00	1131	2587489.00	1382	10337990.00	14918200.00
Bankura (South) Division	5	0	550000.00	0	0.00	15	27000.00	18.058	135435.00	712435.00
Burdwan Division	0	1	27159.00	0	0.00	4	13000.00	25.9	216579.00	256738.00
Purulia Division	2	9	380560.00	0	0.00	210	546000.00	457.93	3869475.00	4796035.00
Panchet Division	3	13	215293.00	0	0.00	115	164900.00	1705.9	3188360.00	3568553.00
Birbhum Division	2	0	500000.00	0	0.00	7	23500.00	2.5	37615.00	561115.00
24-Parganas (South)	0	4	76973.00	1	2500.00	0	0.00	3	45000.00	124473.00
Sundarban Tiger Reserve	14	1	200000.00	7	4100.00	0	0.00	0	0.00	204100.00
Medinipur Division	4	1	418608.00	0	0.00	44	117210.00	353.48	2651100.00	3186918.00
Purba Medinipur Division	0	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Durgapur Division	0	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Darjeeling Division	1	0	92400.00	0	0.00	0	0.00	0	0.00	92400.00
Kangsabati (North) Division	0	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Kangsabati (South) Division	0	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Howrah Division	0	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Malda Division	0	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Raiganj Division	0	0	0.00	0	0.00	0	0.00	0	0.00	0.00
24-Parganas (North)	0	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Kalimpong Division	0	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Nadia-Murshidabad Division	0	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Total	**109**	**213**	**12066877.00**	**1337**	**1205768.00**	**4366**	**8955829.00**	**8348.573**	**38706218.00**	**60934692.00**

* includes figures of backlog cleared during the year

Chapter 8 :
Wildlife Offences

One Horned Rhino in Gorumara National Park

Pix - 78

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 this trade that has helped in busting of illegal rackets involved in such activities, both in the North Bengal and in Kolkata.

Seizure of Turtles in Kolkata **Pix - 79**

Seizure of Munia Birds in Kolkata **Pix - 80**

Seizure of Wild Animals /animal articles in West Bengal during 2014-15

Sl.No.	Items	Numbers
(1)	(2)	(3)
1	Pangolin Scale	18 Nos.
2	Deer Meat	5 Kg.
3	Rhino Horn	2 Nos.
4	Rhino Bone	1 No.
5	Elephant Tusk	4 Nos.
6	Elephant Bone	2 Nos.
7	Leopard Skin	2 Nos.
8	Leopard Bone	243 Nos.
9	Deer Horn	1 No.
10	Turtle Shell	10 Nos.
11	Turtle Flesh	40 Kg.
12	Snake Skin	1 No.
13	Egret Feather	18 Bundles
14	Monitor Lizard Skin	1 No.
15	Snake Venom	25 ml.
16	Tortoise Shell	20 Kg.
17	Wild Boar Meat	2.5 Kg.
18	Turtle	3005 Nos.
19	Tortoise	3 Nos.
20	Indian Birds	1099 Nos.
21	Pangolin	2 Nos.

Sl.No.	Items	Numbers
(1)	(2)	(3)
22	Deer/Antelope	1 No.
23	Snake	28 Nos.
24	Lizard (Water Monitor, Yellow Monitor, Spiny)	1 No.
25	Gecko	19 Nos.
26	Chameleon	2 Nos.
27	Mongoose	2 Nos.
28	Monkey	8 Nos.

Wildlife offence under Wildlife (Protection) Act, 1972

Division	POR	COR	UDOR
Wildlife (Headquarters)	25	1	34
Darjeeling Wildlife Division	2	7	270
Gorumara Wildlife Division	8	91	19
Jaldapara Wildlife Division	15	22	70
Buxa Tiger Reserve (West)	2	0	5
Buxa Tiger Reserve (East)	7	0	0
Baikunthapur Division	6	0	0
Jalpaiguri Division	3	0	0
Raiganj Division	7	66	112
Sundarban Tiger Reserve	3	3080	13
Panchet Division	1	0	2
24-Parganas (South) Division	3	1298	35
Burdwan Division	3	0	0
Purulia Division	7	223	19
Kangsabati North Division	1	94	11
Medinipur Division	0	374	65
24-Parganas (North) Division	12	0	14
Total	**105**	**5256**	**669**

Seizure of Parakeets in Kolkata **Pix - 81**

Release of seized Parakeets at Central Park, Salt Lake **Pix - 82**

Release of seized Turtles **Pix - 83**

Chapter 9 :
Training and Awareness Programme

Pix - 84

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.

Street Show in City **Pix - 85**

Apart from the general awareness generation programmes, the Wildlife Wing also organizes specific training programmes for sensitisation and skill upgradation of the staff and officers of the Wildlife Wing, 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.

Nature Camp organized by HNAF at Duars **Pix - 86**

The details of awareness generation as well as training programme on wildlife in West Bengal during 2014-15, are as follows :

Sl.	Date	Location	Topic	Organized by	No. of participants
1.	September' 2014	Barjora, Beliatore, Sonamukhi Range area	Street Play on Man-Animal conflict by MANTHAN - Kolkata	Bankura (North) Division	1000 nos.
2.	22.04.2014	NIC, Rajabhatkhawa	Meeting on Protection Monitoring Protocol	Buxa Tiger Reserve	25 nos.
3.	16.09.2014	NIC, Rajabhatkhawa	Forest Range Training	Buxa Tiger Reserve	37 nos.
4.	18.03.2015	NIC, Rajabhatkhawa	Workshop on Pisciculture.	Buxa Tiger Reserve	50 nos.
5.	28.03.2015	NIC, Rajabhatkhawa	Stripes of Tiger Estimation (Training)	Forest Deptt.	19 nos.
6.	16.08.2014	NIC, Rajabhatkhawa	Phase-IV of Tiger Monitoring	Buxa Tiger Reserve	30 nos.
7.	12.12.2014	NIC, Rajabhatkhawa	Elephant Census 2014	Buxa Tiger Reserve	35 nos.
8.	From 14th July '2014 to Dec'2014	Jaldapara Range Complex	Free coaching centre	Forest Officers of Jaldapara	46 nos. students of class-IX & X.
9.	06.09.2014	NIC, Madarihat	Workshop (Stake Holder's Consultation Khangchendzonga Landscape)	NGO's Sikkim Doors, Siliguri, Madarihat.	55 nos.
10.	24.08.2014	NIC, Madarihat	Tourism	Nepal, Bhutan (NGO'S)	39 nos.
11.	04.07.2014	20-D Regiment Army Cant., Binnaguri	Human-Animal Conflict	WLS-III, Binnaguri/Gorumara WLD	60 persons

Sl.	Date	Location	Topic	Organized by	No. of participants
12.	06.04.2014	Angra-Vasa Nepali Basty	Human-Animal Conflict	WLS-III, Binnaguri/Gorumara WLD	35 persons
13.	20.08.2014	20-D Regiment Army Cant., Binnaguri	Human-Animal Conflict	WLS-III, Binnaguri/Gorumara WLD	65 persons
14.	09.04.2014	Reabari T.E.	Human-Animal Conflict	WLS-III, Binnaguri/Gorumara WLD	30 persons
15.	18.04.2015	Diana Village	Human-Animal Conflict	WLS-III, Binnaguri/Gorumara WLD	40 persons
16.	20.05.2014	Sarugaon Basty	Human-Animal Conflict	WLS-III, Binnaguri/Gorumara WLD	38 persons
17.	20.08.2014	Army Cant., Binnaguri	Human-Animal Conflict	WLS-III, Binnaguri/Gorumara WLD	60 persons
18.	07.11.14	Magalkata T.E.	Human-Animal Conflict	WLS-III, Binnaguri /Gorumara WLD	43 persons
19.	25.11.14	Toonbari T.E.	Human-Animal Conflict	WLS-II,Mal / Gorumara WLD	89 persons
20.	26.11.14	Needam T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	72 persons
21.	27.11.14	Gurjanjhora T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	45 persons
22.	28.11.14	Kumlai T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	92 persons
23.	28.11.14	Elenbari T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	36 persons
24.	29.11.14	NIC, Lataguri	Establishment and Management of Gorumara National Park	Gorumara Wildlife Division.	Deputy Ranger / Forester Trainees- 16 Nos.
25.	01.12.14	Raja T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	86 persons
26.	02.12.14	Good Hoop T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	60 persons
27.	03.12.14	Ranichera T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	381 persons
28.	03.12.14	Washabari T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	96 persons
29.	04.12.14	Bagrakot T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	53 Persons
30.	04.12.14	Damdim T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	59 Persons
31.	10.12.14	Kathambari	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	72 Persons
32.	10.12.14	Anandapur T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	108 Persons
33.	10.12.14	Gorumara Tent Murti	Training regarding on "Eastern Dooars Elephant Enumeration, 2014".	Gorumara Wildlife Division.	Participant 41Nos. (NGO) & 101 Nos. Staff.
34.	12.12.14	Oodlabari T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	97 Persons
35.	13.12.14	Kailashpur T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	94 Persons
36.	13.12.14	NIC, Lataguri	Training regarding on "Eastern Dooars Elephant Enumeration, 2014".	Gorumara Wildlife Division.	Participant 15 Nos.
37.	13.12.14	Gorumara Tent Murti	Training regarding on "Eastern Dooars Elephant Enumeration, 2014".	Gorumara Wildlife Division.	Participant 42 Nos. Staff.
38.	14.12.14	Jogesh chandraT.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	181 Persons
39.	15.01.15	Gorumara Tent Murti	Training regarding "Rhino Census, 2015" under Gorumara National Park & its Buffer area under Jalpaiguri Division.	Gorumara Wildlife Division.	NGO 28 Nos. & 47 Nos. Staff.
40.	16.12.14	Nepuchapur T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	104 Persons
41.	18.12.14	Malnadi T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	107 Persons
42.	19.12.14	Neora T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	120 Persons
43.	19.12.14	Neora Nadi T.E.	Human-Animal Conflict	WLS-II, Malbazar/ Gorumara WLD.	83 Persons
44.	20.01.15	NIC, Lataguri	Guide Training programme of Jalpaiguri Division	Gorumara Wildlife Division.	Participant 30 Nos.
45.	31.01.15	Surendra Nagar T.E.	Human-Animal Conflict	WLS-III, Binnaguri /Gorumara WLD	30 persons
46.	01.02.15	Diana T.E.	Human-Animal Conflict	WLS-III, Binnaguri /Gorumara WLD	35 persons
47.	05.02.15	Kathalgiri T.E.	Human-Animal Conflict	WLS-III, Binnaguri /Gorumara WLD	26 persons
48.	05.02.15	Debpara T.E.	Human-Animal Conflict	WLS-III, Binnaguri /Gorumara WLD	43 persons

Sl.	Date	Location	Topic	Organized by	No. of participants
49.	06.02.15	Chunabhati T.E.	Human-Animal Conflict	WLS-III, Binnaguri /Gorumara WLD	32 persons
50.	07.02.15	Karbala T.E.	Human-Animal Conflict	WLS-III, Binnaguri /Gorumara WLD	40 persons
51.	11.02.15	Haldibari T.E.	Human-Animal Conflict	WLS-III, Binnaguri /Gorumara WLD	35 persons
52.	25.02.15	Deomali T.E.	Human-Animal Conflict	WLS-III, Binnaguri /Gorumara WLD	105 persons
53.	09.03.15 to 13.03.15	Dhupjhora	Five days Training Course for Mahut and Patawalla	Gorumara Wildlife Division.	Mahut (4+) Patawalla (8+) Total 24 nos.
54.	20.03.15	NIC, Lataguri	Guide Training programme of Gorumara Wildlife Division	Gorumara Wildlife Division.	Participant 47 Nos.
55.	18.12.14 to 23.12.14	Bangladesh	Management of Mangrove forest, JFMC activity & Forest Protection	IUCN LGP	2 Nos. (1 ADFO & 1 FR)
56.	23.12.14 to 31.12.14	Vietnam	Management Mangrove forest	IUCN LGP	1 No. (DFO)
57.	14.02.15	Bhruliapara JFMC	Awareness about snake bites	Juktibadi Sanskritik Sanstha	300 Nos.
58.	15.02.15	Emlibari JFMC	do	do	250 Nos.
59.	1/3/15	Hentalbari	do	do	225 Nos.
60.	26.06.14	MIC, Sajnekhali	Training on Arms' Maintenance		30 staffs
61.	24.01.15	Sonaga village	Training on JFMC		50 Nos.
62.	17.12.14 to 23.12.14	Vietnam & Thailand	Experience Sharing Foreign Visit Alternative Livelihood options for Vulnerable Mangrove Resource Users in the Sundarban Biosphere Reserve, West Bengal.	IUCN	5 officers from Forest Deptt.
63.	17.12.14 to 23.12.14	Bangladesh	Alternative Livelihood options for Vulnerable Mangrove Resource Users in the Sundarban Biosphere Reserve, West Bengal.	IUCN	STR & 24-Pgns(South)
64.	24.12.14 to 30.12.14	Vietnam & Thailand	Experience Sharing Foreign Visit Alternative Livelihood options for Vulnerable Mangrove Resource Users in the Sundarban Biosphere Reserve, West Bengal.	IUCN	6 officers from Forest Deptt.
65.	December'14	Santragachi	Birds and smaller wildlife	Howrah Divn. And local NGOs	74 Nos.
66.	12.03.15 to 13.03.15	Zoological Survey of India, Kolkata	Training on schedule animals to the Enforcement officers by ZSI in collaboration with NBA	ZSI in collaboration with NBA	5 persons from Forest Deptt.

Guide Training at Madarihat NIC **Pix - 87**

Awareness Campaign at Bali, Sundarban **Pix - 88**

Annexrures

Pix - 89

Annexure - 1

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
Alipurduar					
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**

Source : State Forest Report, 2013-14 (Table 3.3)

Spotted Deer in Sundarbans **Pix - 90**

Annexure - 2

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		

Red Panda at Singalila National Park **Pix - 91**

Floral diversity in West Bengal

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

Vanda ampullacea, (Roxb.) L.M.Gardiner at Senchal Wildlife Sanctuary

Pix - 92

Annexure - 3

Officer and Staff position in Wildlife Wing, as on 31.03.2015

Gazetted

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 / Dir.SBR	1	1	0							1	1	0
3	CCF,WB / FD				1	1	0	1	1	0	1	1	0
4	CF, WB / Jt. Dir	1	1	0				1	1	0	1	1	0
5	DCF / DFO / DFD	1	1		2	2	0	3	3	0	2	2	0
6	AWLW / ADFO / AFD	2	2	0	5	4	1	5	6	0	3	4	0
	Total	**6**	**6**	**0**	**8**	**7**	**1**	**10**	**11**	**0**	**8**	**9**	**0**

Non-Gazetted

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	Technical Asistant/Lab Asisntant	1	1	0							1	0	1
2	Veterinary Officer / Veterinary Surgeon				1	1	0	1	1	0	1	1	0
	Total	**1**	**1**	**0**	**1**	**1**	**0**	**1**	**1**	**0**	**2**	**1**	**1**

Sttaf

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	Personal Assistant	3	1	2				2	1	1	2	1	1
2	Head Clerk	2	2	0	3	3	0	4	4	0	4	3	1
3	Accountant	1	0	1	2	0	2	3	2	1	4	4	0
4	Upper Division Clerk	6	4	2	22	13	9	21	15	6	14	18	0
5	Draftsman	1	1	0				1	0	1	1	0	1
6	C.T				15	2	13				7	3	4
7	Typist	3	3	0	1	1	0				3	1	2
8	Lower Division Clerk	8	2	6				23	5	18	11	6	5
9	Forest Ranger	9	3	6	25	18	7	38	31	7	33	20	13
10	Deputy Forest Ranger/Forester	8	5	3	75	55	20	92	67	25	66	41	25
11	Head Forest Guard	2	2	0	28	25	3	26	7	19	14	8	6
12	Forest Guard	12	11	1	233	158	75	271	169	104	175	101	74
13	Wildlife Guard							0	1	0			
14	Dakwalla	2	0	2	8	1	7	9	2	7	3	1	2
15	Orderly	10	4	6	25	22	3	36	24	12	21	20	1
16	Driver	2	0	2	9	4	5	17	3	14	3	1	2
17	Mali				2	2	0	13	7	6	2	1	1
18	Grass Cutter				2	2	0	21	7	14			
19	Permanent Watcher/ Forest Watcher/Forest Watchman				5	2	3	16	4	12	3	1	2
20	Cleaner				1	1	0	4	2	2			
21	Mahut				3	2	1	20	3	17			
22	Sweeper				2	1	1	5	0	5	1	2	0
23	Majhi										44	21	23
24	Boatman										101	41	60
25	Sareng										7	5	2
26	Engine Driver										9	6	3

Officer and Staff position in Wildlife Wing, as on 31.03.2015

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
27	OMG										9	4	5
28	Sukhalni										5	1	4
29	Laskar										16	8	8
30	Peon	1	1	0				3	3	0	6	5	1
31	O.P				6	4	2						
32	Darwan	1	0	1	1	0	1	3	2	1			
33	Bunlow Choukidar				10	5	5	13	10	3	4	1	3
34	Gate Operator							5	1	4			
35	Cook										2	0	2
36	Bearer							3	2	1			
37	Udyansramik										4	2	2
38	Masalchi							1	0	1			
39	Jamadar										2	0	2
40	Karmabandhu										1	1	0
41	Karmasathi										2	2	0
42	Banasramik	0	2	0	0	104	0	0	230	0	0	90	0
43	Banamajdoor/ Forest Majdoor	0	4	0	0	3	0	3	21	2			
	Total	**71**	**45**	**32**	**478**	**428**	**157**	**653**	**623**	**283**	**579**	**419**	**255**

S - Sanctioned, E - Existing, V - Vacancy

Green Bee Eater **Pix - 93**

Annexure - 4

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-1 & Dhulibasani
2014	6	35	41	532	Ajmalmari-9, 10, STR

Salt Water Crocodile in Sundarbans **Pix - 94**

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 WL 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
Singhalila 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 = 17 Nos. (Women SHG = 13 Nos.)

Gorumara Wildlife Division = 23 Nos. (Women SHG = 13 Nos.)

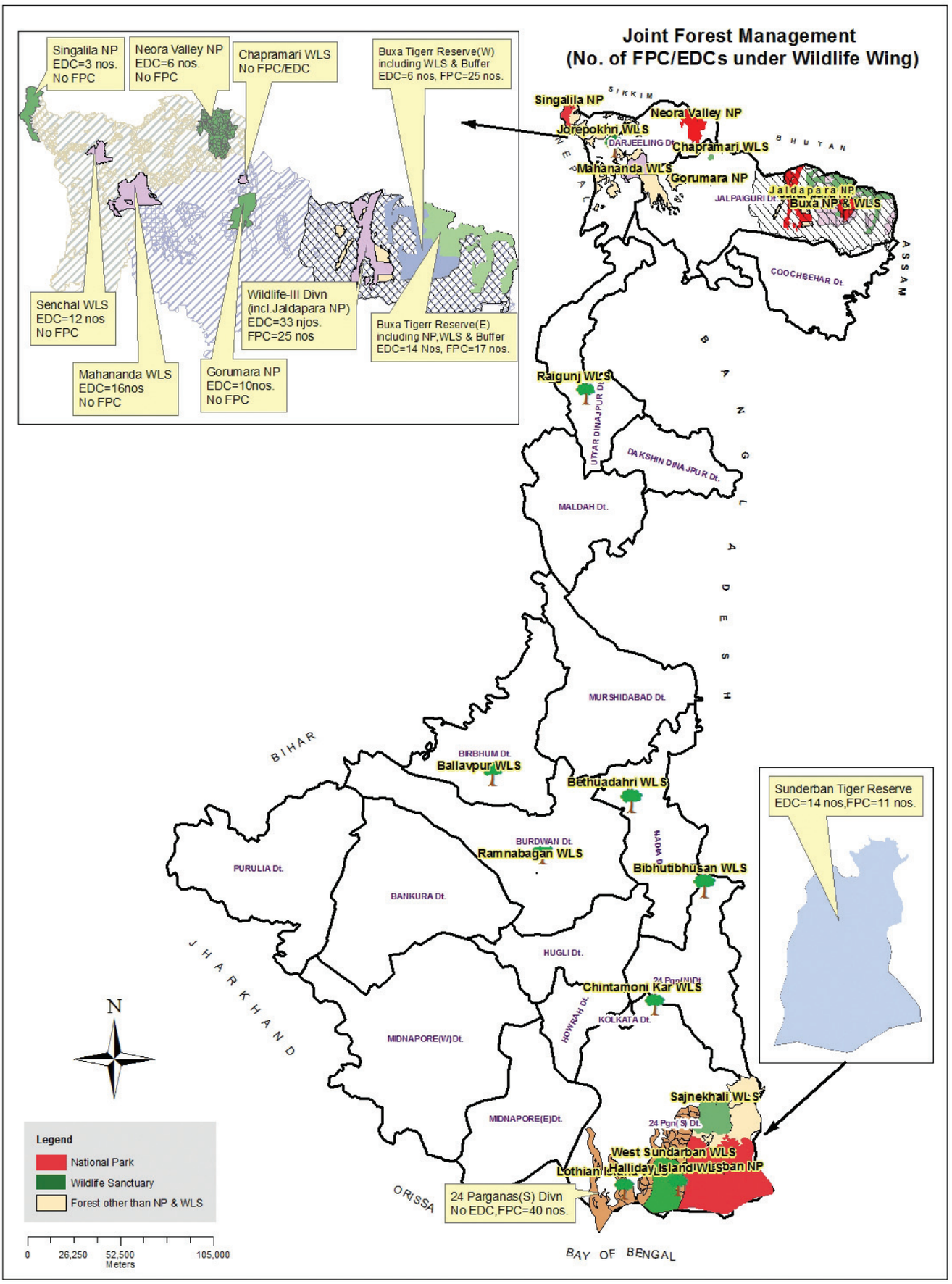
Jaldapara Wildlife Division = 149 Nos. (Women SHG = 111 Nos.)

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)

Sundarban Tiger Reserve = 110 Nos. (Woman SHG = 90 Nos.)


Joint Forest Management
(No. of FPC/EDCs under Wildlife Wing)
Singalila NP
EDC=3 nos.
No FPC
Neora Valley NP
EDC=6 nos.
No FPC
Chapramari WLS
No FPC/EDC
Buxa Tigerr Reserve(W)
including WLS & Buffer
EDC=6 nos, FPC=25 nos.
Senchal WLS
EDC=12 nos
No FPC
Mahananda WLS
EDC=16nos
No FPC
Gorumara NP
EDC=10nos.
No FPC
Wildlife-III Divn
(incl.Jaldapara NP)
EDC=33 njos.
FPC=25 nos
Buxa Tigerr Reserve(E)
including NP,WLS & Buffer
EDC=14 Nos, FPC=17 nos.
SIKKIM
Singalila NP
Neora Valley NP
Jorepokhri WLS
DARJEELING Dt.
Chapramari WLS
BHUTAN
Mahananda WLS
Gorumara NP
Jaldapara NP
JALPAIGURI Dt.
Buxa NP & WLS
COOCHBEHAR Dt.
ASSAM
Raigunj WLS
UTTAR DINAJPUR Dt.
DAKSHIN DINAJPUR Dt.
BANGLADESH
MALDAH Dt.
MURSHIDABAD Dt.
BIHAR
BIRBHUM Dt.
Ballavpur WLS
Bethuadahri WLS
BURDWAN Dt.
Ramnabagan WLS
NADIA Dt.
Bibhutibhusan WLS
PURULIA Dt.
BANKURA Dt.
HUGLI Dt.
JHARKHAND
Chintamoni Kar WLS
24 Pgn(N)Dt.
HOWRAH Dt.
KOLKATA Dt.
MIDNAPORE(W)Dt.
Sunderban Tiger Reserve
EDC=14 nos,FPC=11 nos.
Sajnekhali WLS
MIDNAPORE(E)Dt.
24 Pgn(S) Dt.
West Sundarban WLS
Lothian Island WLS
Halliday Island WLS
Sunderban NP
ORISSA
24 Parganas(S) Divn
No EDC,FPC=40 nos.
BAY OF BENGAL
N
Legend
National Park
Wildlife Sanctuary
Forest other than NP & WLS
0
26,250
52,500
105,000
Meters

Annexure - 6

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-3 Gypsy-1 Van-2 Hired Car-1 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-7, Long Wave-16)-23 Mobile Station (Short Wave-14, Long Wave-2)-16 Walkie Talkie (Short Wave-17, Long Wave-9)-26	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 Commander Jeep-2 Mahindra Jeep-2 Bolero Pick-up Jeep-1 TATA DI-207-1 Bolero-1 Bolero Camper-1 Marshal Jeep-1 Motor Cycle-7 Total-19	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-17)-25	DBBL Gun-33 Pump Action Gun-9 0.315 Rifle-13 Pistol-1 Tranquillising Gun-6 Tele inject-1 Total-63
Jaldapara Wildlife Division	TATA 207-1, 4 wheel SUV-2, Bolero Campa-2, Jeep-3, Truck-2, Mahindra Max-1, TATA 407-1, Qualis-1, Gypsy-2, Bolero-4, School Bus-1, Mahindra Jeep-1, Tractor-1, Motor Cycle-1 Total-23	Fixed Station (Short Wave-17, Long Wave-4)-21, Mobile Station (Short Wave-1), Walkie Talkie (Short Wave-17)-39	DBBL Gun-83 Rifle-43 SBBL Gun-24 Pump Action Gun-12 Dart Gun-1 Total-163
Buxa Tiger Reserve (West)	Bolero-6 (hired); Scorpio-1; Gypsy-3; Bolero Campa-1; TATA Sumo-1; TATA 407-1; Mahindra-1; Pickup Van-1; Motor Cycle-13 Total-28	Fixed Station (Long Wave) -36 Mobile Station-5 Walkie Talkie-21	DBBL Gun-52 SBBL Gun-1 Rifle-10 Pump Action Gun-5 Total-68
Buxa Tiger Reserve (East)	Gypsy-2; Scorpio-1; Hired Jeep-3; Hired Pickup Van-1 TATA 407-1; FC Van - Dept. Vehicle-2; Bolero Camper-2; Motor Cycle-11; TATA Sumo-1 (hired); Hired vehicle-1; Total-25	Fixed Station-20 Walkie Talkie-42 Vehicle set-11 GPS set-15	DBBL Gun-68 SBBL Gun-2 .315 Rifle-21 0.22 Rifle-4 Pump Action Gun-3 Darting Gun-1 Total-99
Sundarban Tiger Reserve	Ambassador-1, Scorpio-1, Gypsy-1, Jeep-1; Motor Cycle-6; Catamaran-1; Mechanized Boat-4; Mechanized Dingi-12; Speed Boat-14; Launch-3; Accommodation Boat-6 Total-50	Fixed Station (Short Wave-64, Long Wave-10)-74, Mobile Station (Short Wave-0, Long Wave-1)-1, Walkie Talkie (Short Wave-75, Long Wave-6)-81, Mobiles-32	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 (Long Wave-13), Mobile Station (Long Wave-2), Walkie Talkie (Short Wave-18)-33	Rifle-23 DBBL Gun-18 SBBL Gun-15 Total-56
24-Parganas (North)	NIL	NIL	NIL

List of Captive Departmental Elephants in West Bengal

Annexure - 7

DFD, BTR (West)

Sl No	Name	ID No.	Sex	Age	Source	Health / physical condition (Fit/Unfit)	Trained / Untrained	Present duty	Remarks
	1	2	3	4	5	6	7	8	9
1	Nonai	TROVAN ID 100 SL No. 00064DBC3E	Male	21 yrs	Captured	Fit	Untrained	No	
2	Shingheswari	TROVAN ID 100 SL No 0064D710B	Female	69 yrs (Retired)	Purchased	Old aged	Untrained	Retired	

DFD, BTR (East)

Sl No	Name	ID No.	Sex	Age	Source	Health / physical condition (Fit/Unfit)	Trained / Untrained	Present duty	Remarks
	1	2	3	4	5	6	7	8	9
3	Urmila	100-00064-D8C34	Female	36+	Purchased	Fit	Trained	Patrolling	
4	Champadevi	100-00064-839F5	Female	58+	Seized	Fit	Shifted to Jaldapara for training	-	
5	Chandrima	100-00064-DB659	Female	13+	2nd calf of Champarani	Fit	Do	-	
6	Champarani	100-00064-77931	Female	51+	Purchased	Fit	Do	-	
7	Madhuri	NA	Female	9+	-	Fit	To be shifted to Hollong CTTL Range after Med. Exam	-	
8	Suman	NA	Male	21+	-	Fit	Do	-	

Gorumara Wildlife Division

Sl No	Name	ID No.	Sex	Age	Source	Health / physical condition (Fit/Unfit)	Trained / Untrained	Present duty	Remarks
	1	2	3	4	5	6	7	8	9
9	Meghlal	00064FEA0C9	Male	60	Seized	Unfit	Trained	No duty	
10	Kiranraj	000647CA1E	Male	17+	Captive birth	Fit	Trained	Joy ride / patrolling	
11	Surya (Suriya)	0064DC8B9	Male	24	Captured	Fit	Trained	Patrolling	
12	Chandan	0006479E69	Male	18	Captured	Fit	Trained	Patrolling	
13	Bholanath	NA	Male	16	Captured	Fit	Trained	Patrolling	
14	Raja	NA	Male	4	Rescued	Unfit	Untrained	Training on going	
15	Basant	NA	Male	1yr 4 month	Rescued	Good	Untrained	Training on going	
16	Fulmati	00647CA1E	Female	18	Seized	Fit	Trained	Joy ride / Patrolling	
17	Rami	NA	Female	15	Captured	Fit	Trained	Do	
18	Shilaboti	000647D81E	Female	32	Captured	Fit	Trained	Patrolling	
19	Dana	NA	Female	8	Rescued	Fit	Trained	Patrolling	
20	Aman	0006484BAA	Female	20	Rescued	Fit	Trained	Joy ride / Patrolling	
21	Teesta	00064D9F27	Female	12	Rescued	Fit	Trained	Joy ride / patrolling	
22	Motirani	00064B88DF	Female	14+	Captive birth	Fit	trained	Joy ride / patrolling	
23	Kaberi	00064EF116	Female	17	Rescued	Fit	Trained	Joy ride / patrolling	
24	Barshan	NA	Female	4+	Captive birth	Fit	Untrained	Training on going	

Jaldapara Wildlife Division

Sl No	Name	ID No.	Sex	Age	Source	Health / physical condition (Fit/Unfit)	Trained / Untrained	Present duty	Remarks
	1	2	3	4	5	6	7	8	9
25	Ramu	NA	Male (M)	6+				Training / patrolling	
26	Sourav	NA	Male	6+				Do	
27	Sailee	NA	Female	7+				Patrolling	
28	Sujata	NA	Female	9+				Patrolling	
29	Anushua	00064DA505	Female	39+				Tourism / patrolling	
30	Balaram	NA	Male	3+				Training / Patrolling	
31	Madhumala	00064D7B93	Female	65				Tourism	
32	Priyodarshini	00064D6240	Female	24+				Tourism / Patrolling	
33	Minakhi	00064D71OC	Female	29				Do	
34	Calf of LKP	NA	Female						
35	Calf of BDK	NA	Female						
36	Champakali	6478575	Female	53				Tourism	
37	Daina	00064D8A43	Female	19				Patrolling	
38	Pulwanti		Female	21	From Alp Zoo			Training	
39	Utara		Female	16	Do			Training	
40	Laxmi+Calf	0006485BDC	Female	54				Patrolling	
41	Anakhi		Female	2				Training	
42	Bharat	0006485C6B	Male (M)	19+				Patrolling	
43	Urmi	NA	Female	5+				Training / Patrolling	
44	Mamtaz		Female	24	From Alp Zoo			Patrolling	
45	Debjani	0006485B07	Female	38				Patrolling	
46	Digambar	NA	Male	12+				Patrolling	
47	Tarzan	00064DCBEA	Male(T)	18				Patrolling	
48	Jenny	00064D6C05	Female	18+				Patrolling	
49	Karno	00064DBD53	Male (M)	14				Sick	
50	Darshan	NA	Male	4+				Training	
51	Mukto Raja	NA	Male	3+				Training	
52	Chaiti	NA	Female	9				Patrolling	
53	Prithwiraj	NA	Male (M)	12				Patrolling	Posted to Bankura

Sl No	Name	ID No.	Sex	Age	Source	Health / physical condition (Fit/Unfit)	Trained / Untrained	Present duty	Remarks
55	Mitali	NA	Female	8+				Patrolling	
56	Rangini + Calf	00064EE088	Female	24				Patrolling	
57	Rohini	NA	Female	7+				Patrolling	
58	Sree	00064DAABD	Female	61				Patrolling	
59	Srikanta	NA	Male (T)	9+				Patrolling	
60	Balasundar	NA	Male (C)	7+				Patrolling	
61	Chiprarani	00064D9C51	Female	52				Patrolling	
62	Anarkali	NA	Female	4				Training / patrolling	
63	Chanchal	00064D7BFO	Male	16+				Patrolling	
64	Joy	NA	Male	4+				Training	
65	Laxman	00064DC133	Male (T)	14+				Patrolling	
66	Sambhu	00064DF8CE	Male (T)	21+				Patrolling	
67	Mainak	00064DB288	Male (M)	20+				Patrolling	
68	Motilal	00064DA06A	Male (M)	14+				Patrolling	
69	Rudraprasad	6478820	Male (T)	18				Patrolling	
70	Sundar	00064D87BB	Male (M)	13				Patrolling	
71	Sharmila	00064DC32B	Female	62				Patrolling	
72	Rangalal	NA	Male	4+				Training / Patrolling	
73	Matangini	NA	Female	7+				Patrolling	
74	Lalita	NA	Female	9+				Patrolling	
75	Sandarmoni	00064D8D55	Female	41				Patrolling	
76	Muktirani	00064D6240	Female	30				**Tourism / Patrolling**	**Posted to Bankura**
77	Tista	NA	Female	5+				Training / Patrolling	
78	Menaka	00064D6905	Female	45				Tourism / Patrolling	
79	Kuntal	NA	Male (M)	8+				Patrolling	
80	Narbahadur	00064D7E62	Male (M)	18+				Patrolling	
81	Shankari	NA	Female	5+				Training	
82	Amrapali	00064DA999	Female	16+				Patrolling	
83	Calf of Amrapali		Female	1+					
84	Sharul	NA	Male (M)	15				Patrolling	

Implantation of Microchip in Circus and Zoo Elephants

Sl. No.	Identification 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 / ownership certificate No.	Name of Mahut with designation (Pmt/DL/CDL)	Name of Patawalla (Pmt/DL / CDL)	Remarks
M/S Olympic Circus														
1	00064E6C75	Mala	42 yrs. NK 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 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 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 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														
5	00064ED07F	Padma	41 yrs. NK 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/1081 dt. 26.12.00	Sheikh Nasiruddin		
6	00064E8386	Laxmi	46 yrs. NK 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/1081 dt. 26.12.00	Sheikh Nasiruddin		
7	0006484595	Vaijayanti	61 yrs. NK 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/1081 dt. 26.12.00	Sheikh Nasiruddin		
8	00064795DB	Chanda	31 yrs. NK NK	Female					Probhat Circus given custody to Ajanta Circus, 89/3, Ripon St., Kol-16	Animal was seized for violation of Section 38I & 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														
9	00064DB541	Champa	40 yrs. NK 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.Bhatar, Dist. Burdwan	Performance in Circus shows		Sri Raju Singh		Applied for Ownership Certificate in 2004. Not yet issued.

NK = Not Known
** Dimension and description : - Should height (Ht.) and Circumference of front leg (fL)*
*** Source of Or-gin : Captive bred / Captured / from Mela / Rescue from / Seized from / Other Source*

Implantation of Microchip in Circus and Zoo Elephants

Sl. No.	Identification 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 / ownership certificate No.	Name of Mahut with designation (Pmt/DL/CDL)	Name of Patawalla (Pmt/DL / CDL)	Remarks
M/S EMPIRE CIRCUS														
10	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			
11	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			
12	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			
13	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			
14	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			

NK = Not Known
** Dimension and description : - Should height (Ht.) and Circumference of front leg (fL)*
*** Source of Or-gin : Captive bred / Captured / from Mela / Rescue from / Seized from / Other Source*

Sl. No.	Identification 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 / ownership certificate No.	Name of Mahut with designation (Pmt/DL/CDL)	Name of Patawalla (Pmt/DL / CDL)	Remarks
M/S FAMOUS CIRCUS														
15	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		
16	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		
17	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		
18	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		
19	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		
M/S NATARAJ CIRCUS														
20	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		
21	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		
22	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. Hasmullah		
M/S KOHINOOR CIRCUS														
23	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, Lucknow			
24	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			

NK = Not Known
** Dimension and description : - Should height (Ht.) and Circumference of front leg (fL)*
*** Source of Or-gin : Captive bred / Captured / from Mela / Rescue from / Seized from / Other Source*

Implantation of Microchip in Circus and Zoo Elephants

Sl. No.	Identification 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 / ownership certificate No.	Name of Mahut with designation (Pmt/DL/CDL)	Name of Patawalla (Pmt/DL / CDL)	Remarks
ZOOLOGICAL GARDEN, ALIPORE, KOLKATA														
25		Rani	3+ yrs. Jaldapara WLS	Female					Zoological Garden, Alipore, Kolkata	Used as an exhibits of the Zoo				
26	00064DF07F	Titi	4+ yrs. Jaldapara WLS	Female					Zoological Garden, Alipore, Kolkata	Used as an exhibits of the Zoo				
ISKCON														
27	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/EAC/ JOR/M/08/1 dt. 30.01.08 of CF, Eastern Assam Circle, Jorhat			
28	0006591BOA	Bishnupriya	2 yrs. 21.02.2006 NK	Female	Ht.1.47 mt. NK	NK	NK		ISKCON, Sri Mayapur, Nadia Dist., near Navadwip, Pin-741313		0006591BOA/EAC/ DDM/KP/09/263 dt. 03.12.09 of CF, Eastern Assam Circle, Jorhat			

NK = Not Known
** Dimension and description : - Should height (Ht.) and Circumference of front leg (fL)*
*** Source of Or-gin : Captive bred / Captured / from Mela / Rescue from / Seized from / Other Source*

Annexure - 9

Chemical Immobilisation of Mojor Wild Animals in West Bengal during 2014-15

SL. No.	Date	Location	Description	Immobilising Drug	Remarks
Tiger					
1	11.06.14	Dayapur, JFMC	Male, 12-14 yrs.		Tiger released at Chamta-4 on 12.06.14
2	05.03.15	Kumirbari Bazar	Male, 8-9 yrs.		Tiger released at Chamta-2 on 06.03.15
Elephant					
1	01.06.14	Taipo Beat, Bagdogra Range, Kurseong Divn.	Male, 40-45 Yrs.	Xylazine (8 ml.)	After treatment released at same place.
2	14.06.14	Kolabari Beat, Panigatta Range, Kurseong Divn.	Male, 40-45 Yrs.	Xylazine (8 ml.)	After treatment released at same place.
3	17.07.14	MKT-2 Comptt. under Marakhata Beat	Male, Adult	-	Had an injury at the left side of the abdomen
4	14.08.14	Mouza-Dudhpatri, Range Goaltore	Sub-adult	-	-
5	15.11.14	Chapramari-2 Comptt.	Male, Juvenile	Xylazine (5 ml.), Ketamile (2 ml.)	The Elephant is surviving in nature but still limping & gradually detoriating its health condition
6	19.11.14	Sursult-5 Comptt., Jalpaiguri Div.	Male, Adult	Xylazine (10 ml.), Ketamile (3 ml.)	The Elephant recovered from affect of tranquilizing drugs and slowly entered his natural habitat
7	21.02.15	Vill. Angarnali, P.S. Sankrail	Female, Calf	Xylazine (4 ml.)	Recovered and sent to Jhargram Mini Zoo, later on sent to Jaldapara
T-Tusker, M-Makna					
Leopard					
1	29.05.14	Poobong-3 Comptt., Takdah Beat under Takdah Range	-	-	The animal was dead may be due to haemorrhage and wound in its chest region
2	03.12.14	Paschim Chepani village, Buxa Tiger Teserve (East) Divn.	Male, 3-4 yrs.		Strayed at Paschim Chepani village
3	27.12.14	Sec. No. 32 of Kilkot T.E.	Female, 6 yrs.	1st dose: Xylazine (1.5 ml.), Ketamile (2.5 ml.), 2nd dose: Xylazine (2.95 ml.), Ketamile (6 ml.)	The leopard was trapped in a local made trap (Snare) by the unknown miscreants. Released on 28,12.2014 at Chapramari WLS after providing proper treatment

Gaur					
1	14.04.14	Diana T.G., Section No. 8	Female, 10 yrs.	Xylazine (4 ml.), Ketamile (3 ml.)	Cardio-respiratory failure due to shock arises due to excessive exhortion
2	12.02.15	Chepani village, Buxa Tiger Teserve (East) Divn.	Male, 6-7 yrs.		Strayed at Chepani village
3	18.03.15	Kilkot T.E., Kunja Line	Male	Xylazine (6 ml.), Ketamile (4 ml.)	The Gaur was released in nature at Sealdoba area of Gorumara N.P but unfortunately died after half hours of released
4	27.03.15	Rajbari Block, Ambari Range, Baikuntpur Divn.	Male, 12-13 Yrs.	Xylazine (5 ml.)	After rescue release at Gorumara N. Park.

Chemical Immobilization and treatment of Rhino at Gorumara National Park **Pix - 95-98**

Annexure - 10

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

Divisional Forest Officer, Darjeeling Wildlife Division, Darjeeling :

Mahananda Wild Life Sanctuary :

a) Khairjhora,

b) Punding,

c) Khairani,

d) Chamta,

e) Kokling,

f) 10th Mile,

g) Jolly.

Forest Villagers – Festive Dance Pix - 99

Senchal Wild Life Sanctuary :

a) Chatakpur,

b) Paschim,

c) Dhoria,

d) 3rd Mile & Simkona,

e) Rambi,

f) Rampuria.

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)

Traditional Dance at Forest Village Pix - 100

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. 28th Mile,
2. 29th 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	Bhutua 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 forest village within Sundarban Tiger Reserve					

Sunset in Sundarbans Pix - 101

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		No claims are lying under BTR (E) Division
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		
Jaldapara Wildlife Division						
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
Palmazoa	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

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	
Tangey	Teesta	46	2	Nil	Nil	Under process in the Gram Sabha
Peshok	Peshok	37	Nil	Nil	Nil	Under process in the Gram Sabha
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 Village	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 Bichgaon	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-				
6th Mile		- Do-				
Sittong		- Do-				
Berrick		- Do-				
Panchet Division						
Panchet Division			2637		1137	District level Committee

Seminar / Workshop organized on Wildlife Management during 2014-15

Sl.	Date	Location	Topic	Organized by	No. of participants
1.	08.12.2014	Sulkapara	Elephant Census	Kurseong Division	10
2.	09.12.2014	Sukna	Elephant Census	Kurseong Division	10
3.	24.03.2015	Hotel Dolly Inn, Conference Hall, Siliguri	Seminar on threatened Birds of Bengal, Status & Conversation	Kurseong Division in association with HNAF	1
4.	29.01.2015	Sonamukhi Rest House	Man-Animal Conflict	Bankura (North) Division	50
5.	03.02.2015	Sonamukhi Community Hall	Man-Animal Conflict	Bankura (North) Division	200
6.	22.02.2015	Sonamukhi Community Hall	Man-Animal Conflict	Bankura (North) Division	400
7.	November'14	Hijli	Man-Animal Conflict	Kharagpur Division	50
8.	December'14	Nagram	Man-Animal Conflict	Kharagpur Division	50
9.	26.03.2015	Jhargram Mini Zoo	Workshop on Snake Catching	Jhargram Division	57
10.	19.06.2014	NIC, Rajabhatkhawa	Eco-Tourism and Car Safari	Buxa Tiger Reserve	37
11.	25.07.2014	NIC, Rajabhatkhawa	Strengthening wildlife law Enforcement and conservation	Buxa Tiger Reserve	108
12.	01.08.2014	NIC, Rajabhatkhawa	Green India Mission	Buxa Tiger Reserve	26
13.	07.09.2014	NIC, Rajabhatkhawa	K.L.C.D.I. one day stay holder consultation.	HNAF-Siliguri and G.B.P.I.C.H.-F.D. Sikkim.	35
14.	29.11.2014	NIC, Rajabhatkhawa	Vulture Conservation	BNHS, Pinjore	14
15.	04.07.2014	Rajabhatkhawa FRH	Elephant-Rail Conflict	Buxa Tiger Reserve	14
16.	31.07.2014	NIC, Sukna	Green India Mission	Darjeeling Wildlife Division	46
17.	09.12.2014	NIC, Sukna	Elephant Census	Darjeeling Wildlife Division	44
18.	14.11.2014	Jaldapara Head Quator	Wildlife Day'2014	JPE & JPW Range	105 nos.
19.	22.02.2015	Jaldapara Head Quator	JFMC	JPE & JPW Range	250 nos.
20.	1.7.2014	N.I.C, Madarihat	Jaldapara National Park	JPWLD	Dowhill (Forest School) 34 nos.
21.	2.7.2014	N.I.C, Madarihat	Workshop on survey(Google)	JPWLD	22 nos.
22.	14.7.2014	N.I.C, Madarihat	Guide Training	JPWLD	75 nos.
23.	17.9.2014	N.I.C, Madarihat	Jaldapara National Park	JPWLD	Visit of Andhrapradesh Forest Accademy 48 nos.
24.	01.11.2014	N.I.C, Madarihat	Meeting for death of Wildlife by electrocution	JPWLD	19 nos.
25.	10.11.2014	N.I.C, Madarihat	Wildlife Crime	JPWLD	47 nos.

Sl.	Date	Location	Topic	Organized by	No. of participants
26.	17.11.2014	N.I.C, Madarihat	Jaldapara National Park	JPWLD	Andhrapradesh Forest Ranger 38 nos.
27.	10.12.2014	N.I.C, Madarihat	Elephant Census	JPWLD	61 nos.
28.	11.12.2014	N.I.C, Madarihat	Elephant Census	JPWLD	NGOs 57 nos.
29.	15.12.2014	N.I.C, Madarihat	Elephant Census	JPWLD	57 nos.
30.	18.12.2014	N.I.C, Madarihat	Elephant Census	JPWLD	50 nos.
31.	21.01.2015	N.I.C, Madarihat	Jaldapara National Park	JPWLD	Dowhill (Forest School) 15 nos.
32.	14.01.2015	N.I.C, Madarihat	Rhino Census	JPWLD	30 nos.
33.	15.01.2015	N.I.C, Madarihat	Rhino Census	JPWLD	62 nos.
34.	19.01.2015	N.I.C, Madarihat	Rhino Census	JPWLD	NGOs 47 nos.
35.	23.01.2015	N.I.C, Madarihat	Rhino Census	JPWLD	37 nos.
36.	23.03.2015	N.I.C, Madarihat	Jaldapara National Park	JPWLD	Visit of I.F.S Training Party 20 nos.
37.	10.05.2014	Gorumara Tent Murti	Protection Roles & Activities of Wildlife Squad & Territorial Ranges in Protection of Forests & wildlife, Humen animal conflicts.	Gorumara Wildlife Division.	Participant 32 Nos.
38.	12.06.2014	NIC, Lataguri	Animal Welfare & maintence of Captive elephants and rescued animals	Gorumara Wildlife Division collaboration with Veterinary & Animal Husbandry Dept.	Participant 46 Nos.
39.	29.07.2014	NIC, Lataguri	Rhino Conservation	Gorumara Wildlife Division. Colaboration with NGO	Participant 34 Nos.
40.	17.08.2014	Gorumara Tent Murti	Workshop on “Protection of Forest & Wildlife”.	Gorumara Wildlife Division.	Participant 39 Nos.
41.	30.08.2014	Gorumara Tent Murti	Review Seminar for daily Rhino/Elephant monitoring.	Gorumara Wildlife Division.	Participant 34 Nos.
42.	11.11.2014	NIC, Lataguri	Prevention of Wilflife crime	Gorumara Wildlife Division.	Participant 42 Nos.
43.	14.11.2014	NIC, Lataguri	Biodiversity conservation	Gorumara Wildlife Division.	Participant 60 Nos.
44.	03.03.2015	NIC, Lataguri	Horticulture Development and Conservation	Gorumara Wildlife Division. And Horticulture Deptl..	Participant 41 Nos.
45.	04.03.2015	Gorumara Tent Murti	Horticulture Development and Conservation	Gorumara Wildlife Division.	Participant 25 Nos.
46.	May, 2014	Bhagabatpur	Management and veterinary care for salt water crocodile	24-Parganas (South) Division	25 Nos.
47.	August, 2014	Headquarter, 24-Parganas (South) Div.	Legal matters in handling wildlife cases	24-Parganas (South) Division with representatives from Juduciary	40 Nos.

Sl.	Date	Location	Topic	Organized by	No. of participants
48.	24.04.2014	MIC, Sajnekhali	Wildlife Management Training	Sundarban Tiger Reserve	Field staffs and officers
49.	04.05.2014	MIC, Sajnekhali	Tourism	Sundarban Tiger Reserve	Tourist boat owners and lodge owners
50.	14.03.2015	MIC, Sajnekhali	Anti straying training	Sundarban Tiger Reserve	Local youth of different JFMCs.
51.	05.05.2014	MIC, Sajnekhali	Camera trapping	STR/WII	staff
52.	26.06.2014	MIC, Sajnekhali	Arms training	Sundarban Tiger Reserve	staff
53.	21.10.2014	MIC, Sajnekhali	Camera trapping	STR/WWF	staff
54.	07.11.2014	Bidya	Wildlife protection	Sundarban Tiger Reserve	JFMC members
55.	19.11.2014	MIC, Sajnekhali	Camera trapping	Sundarban Tiger Reserve	staff
56.	10.01.2015	Bidya	Wildlife protection	Sundarban Tiger Reserve	JFMC members
57.	10.01.2015	Amlamethi	Wildlife protection	Sundarban Tiger Reserve	JFMC members
58.	27.08.2015	24-Parganas (North) Div.	Interaction cum orientation	24-Parganas (North) Division	12 Nos.

Annexure - 14

Honey collection in Sundarban Tiger Reserve and 24 Parganas (South) Division during 2014-15

STR	24-Pgns(S)	Remarks
Total Honey Collected (Kg.)	Total Honey Collected (Kg.)	
47412	32494	Handed over to WBFDC Ltd.

Annexure - 15

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	Maint. In 2014
Energized fencing	JP Block		3	2014-15	Functional	
Energized fencing	Torsa Block		3	2014-15	Functional	
Energized fencing	Torsa Block		6	2011-12	Functional	Mairadanga Beat
Energized fencing	Nilpara 0.5 Ha. Area		0.97	2014-15	Functional	
Nylon Net fencing	Arbesi-1	Sundarban Tiger Reserve	14	2000 onwards	Functional	Very much effective in controlling tiger straying
Nylon Net fencing	Arbesi-2		6		Functional	
Nylon Net fencing	Jhila-1,2,3		20		Functional	
Nylon Net fencing	Pirkhali-1,2, Panchamukhani-2, Jhilla-4,5		30		Functional	
Nylon Net fencing	Pirkhali-2,4		15		Functional	
Nylon Net fencing	Herobhanga-4, 5 & 9	24-Parganas (South)	25	2014	Functional	
	Ajmalmari-12					
Energized Fencing	Kalipur F.V. (Barahati-III)	Gorumara Wildlife Division	2	2008-09	Functional	
Energized Fencing	Ramsai Extension, (Jaldhaka-I)		2.25	2014-15	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 Camp Panjhora-1a)		0.75	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-1 (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		5	2014-15	Functional	
Energized Fencing	Garati Pilkhana, (Dhupjhora-1c)		0.15	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	
Energized Fencing	Sakam F.V.		1.5	2012-13	Functional	
Energized Fencing	Dhupjhora-1b		1.5	2014-15	Functional	
Energized Fencing	South Indong-I		0.8	2014-15	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	Sukna-II, Panchanai, Hatisar, M&G Block, Mahanadi, Lower Champasari, Singamari, Gulma West Range	Darjeeling Wildilfe 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 West Range		200 mt approx & 300 mt approx	2012-13	Medium type functioning	
Energized fencing	7th Mile to Malijhora, South Range		3	2004	Completely damaged	
Energized fencing	8th Mile Beat, South Range		2	2004	-do-	
Energized fencing	North Range Office Complex		1.5	2006	-do-	
Energized fencing	10th Mile Forest Village		3	2006	-do-	
Energized fencing	Latpancher Beat, North Range		1.5	2007	-do-	
Energized fencing	Neora Jungle Camp	Jalpaiguri Division	0.6	2009-10 & 2010-11	Functional	
Energized fencing	Nimati, NMT-3	Buxa Tiger Reserve (West)	1110 mt.	2014-15	Functional	Grass plantation
Energized fencing	Nimati, NMT-1A		420 mt.	2014-15	Functional	Rest House & cottage.
Energized fencing	Nimati, NMT-4		280 mt.	2014-15	Functional	Beat compound
Energized fencing	Raimatang, RTG-5		80 mt.	2014-15	Functional	30th mile Watch tower.
Energized fencing	South Rvk., SRVK-15		410 mt.	2014-15	Functional	Rescue centre.
Energized fencing	South Panbari, Pan-10		954 mt.	2014-15	Functional	Bamboo plantation
Energized fencing	North Panbari, Pan-3		920 mt.	2014-15	Functional	Grass
Energized fencing	28th Mile Watch Tower	Buxa Tiger Reserve (East)	100 mt.	2014-15	Functional	
Energized fencing	NRVK-5		628.56 mt.	2014-15	Functional	
Energized fencing	Balapara FV & Balapara Beat		3	2014-15	Functional	
Energized fencing	NRVK-9		1	2014-15	Functional	
Energized fencing	SRD-1, 5, 6 & 7		2.57	2014-15	Functional	
Energized fencing	SK-2		4	2014-15	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	
Energized fencing	Bamanpokhri Block	Kurseong Division	2.17	2007	Functional	
Energized fencing	Rajganj Mouza under Joypur Beat, Joypur Range	Panchet Division	2	2015	Functional	
Chain Link fencing	BBWL Sancutary	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
Energized fencing	Barjora Range	Bankura North Division	6	2013-14	Functional	
Energized fencing	Barjora Range		6	2014-15	Functional	
Energized fencing	Beliatore Range		4.8	2014-15	Functional	
Energized fencing	Sonamukhi Range		4.9	2014-15	Functional	

Annexure - 16

Creation, Advance Work, Maintenance of Plantations during 2014-15

Division	Location	Scheme	Type of Plantation	Creation/ Maintenance/ Advance Work	Area (Ha)
Buxa Tiger Reserve (West)	GD-6 Comptt., Gadadhar Beat under East Rajabhatkhawa Range	State Plan	Mixed Tree	Creation	10.00
	DPO-6 Comptt., East Garam Beat under West Damanpur Range	State Plan	Mixed Tree	Creation	15.00
	NMT-1A Comptt., West Nimati Beat under Nimati Range	State Plan	Mixed Tree	Creation	15.00
	RMT-1 Comptt., Rangamati Beat under Hamiltonganj Range	State Plan	Mixed Tree	Creation	10.00
	Pan-10 Comptt., South Panbari Beat under East Rajabhatkhawa Range	State Plan	Bamboo	Creation	5.00
	NMT-3 Comptt., East Nimati Beat under Nimati Range	State Plan	Grass	Creation	5.00
			Total		**60.00**
Buxa Tiger Reserve (East)	DH-2	State Plan	Misc.	Creation	10.00
	SRD-5	State Plan	Misc.	Creation	10.00
	DH-3	State Plan	Misc.	Creation	10.00
	NRT-1	State Plan	Misc.	Creation	10.00
	SB-4	State Plan	Misc.	Creation	10.00
			Total		**50.00**
Jaldapara Wildlife Division	Kodal Basti Range, Mantharam Beat, BD-4 Comptt.	FDA	Sal + Misc.	Creation	22.00
	Chilapata Range, Chilapata Beat, BN-1(a)	Non Plan	Bamboo+Fodder	Creation	10.00
	Chilapata Range, Bania Beat, BN-2	SFDA-PE	Bamboo+Fodder	Creation	5.00
	Chilapata Range, Bania Beat, BN-4	SFDA-13th FC	Grass Fodder	Creation	5.00
	Chilapata Range, Mendabari Beat, MB-5	SFDA-13th FC	Grass Fodder	Creation	5.00
	Chilapata Range, Bania Beat, BN-3	State Plan	Bamboo+Fodder	Advance work	10.00
	Chilapata Range, Mendabari Beat, MB-5	13th FC	Grass Fodder	Maintenance	3.00
	Chilapata Range, Bania Beat, BN-1	13th FC	Grass Fodder	Maintenance	10.00
	Chilapata Range, Bania Beat, BN-2	CSS-Proj. Elep	Bamboo+Fodder	Maintenance	5.00
	Chilapata Range, Mendabari Beat, MB-1	State Plan	Misc.	Maintenance	11.33
	Chilapata Range, Bania Beat, BN-6	State Plan	Misc.	Maintenance	7.00
	Chilapata Range, Bania Beat, BN-2	Non Plan	Bamboo+Fodder	Maintenance	10.00
	Nilpara Range, Titi Beat, Titi-4 Comptt.	CSS-Proj. Elep	Bamboo	Creation	5.00
	Nilpara Range, Titi Beat, Titi-4 Comptt.	CSS-Proj. Elep	Fodder	Creation	5.00
	Malangi Beat, MLG-3 Comptt.	State Plan	Bamboo	Creation	10.00
	Sissamara Beat, CP-3b Comptt.	13th FC	Grass Fodder	Creation	25.00
	Sissamara Beat, CP-2 Comptt.	Non Plan	Grass Fodder	Creation	3.00
	Jaldapara Beat, JP-3 Comptt.	13th FC	Grass Fodder	Creation	25.00
	Jaldapara Beat, MLG-1 Comptt.	FDA	Grass Fodder	Creation	15.00
	Hollong Beat, Torsa-1 Comptt.	CSS-Jaldapara	Grass Fodder	Creation	12.00
	TEC Beat, Torsa-1 Comptt.	CSS-Jaldapara	Grass Fodder	Creation	8.00
	Hollong Beat, JP-5 Comptt.	SFDA-13th FC	Grass Fodder	Creation	7.00
	Moiradanga Beat, Torsa-1 & 2 Comptt.	SFDA-13th FC	Grass Fodder	Creation	20.00
	Bangdaki Beat, Torsa-3 Comptt.	SFDA-13th FC	Grass Fodder	Creation	10.00
	Bangdaki Beat, Torsa-3 Comptt.	State Plan	Bamboo+Fodder	Creation	10.00
	Hollong Beat, Torsa-1 Comptt.	State Plan	Tree Fodder	Creation	8.41
	TEC Beat, Torsa-1 Comptt.	CAMPA	Grass Fodder	Creation	6.37
	Total				**273.11**

Creation, Advance Work, Maintenance of Plantations during 2014-15

Division	Location	Scheme	Type of Plantation	Creation/ Maintenance/ Advance Work	Area (Ha)
Darjeeling Wildilfe Division	Rambi / Bara Senchal-2	State Plan	Mixed pltn	Creation	10.00
	Rambi / Reshop-15	State Plan	Mixed pltn	Creation	15.00
	Sonada / Catchment	State Plan	Mixed pltn	Creation	15.00
	Rangiroom Block	State Plan	Mixed pltn	Creation	5.00
	Jorebunglow / Dhoteria Block	State Plan	Mixed pltn	Creation	5.00
	Gairbas / South Rimbick-7	CSS-Singalila NP	Mixed pltn	Creation	5.00
	Sevoke / Lower Ghoramara	CSS-Proj. Elep	Fodder	Creation	12.14
	Punding / Upper Champasari	CSS-Proj. Elep	Fodder	Creation	5.00
	Total				**72.14**
Purulia	Ajodhya, Bagmundi and Matha Range	CSS New Scheme	Fodder	Creation	30.00
	Ajodhya and Matha Range	CSS New Scheme	Bamboo	Creation	20.00
Jalpaiguri Division	North Indong, Panjhora Beat of Chalsa Range	State Plan	Misc. Sal	Creation	15.00
	SS-3, Barodighi Beat under Lataguri Range	State Plan	Misc. Sal	Creation	15.80
	CMG-4, Totapara Beat under Moraghat Range	State Plan	Misc. Sal	Creation	10.00
	SMG-1, Khuntimari Beat under Moraghat Range	State Plan	Misc. Sal	Creation	22.15
	North Diana, Carron Beat under Diana Range	State Plan	Misc. Sal	Creation	10.00
	Central Diana, Carron Beat under Diana Range	State Plan	Misc. Sal	Creation	10.00
	Central Diana, Sulkapara Beat under Diana Range	State Plan	Bamboo	Creation	10.00
	Central Diana, Sulkapara Beat under Diana Range	State Plan	Misc. Sal	Creation	35.00
	GHT-2, Sonakhali Beat under Moraghat Range	State Plan	Misc. Sal	Creation	9.05
	Chapramari-1, Sipchu Beat under Chalsa Range	State Plan	Bamboo	Creation	10.00
	Ramsai, Nathua Beat under Nathua Range	FDA	Misc. Sal	Creation	20.00
	Ramsai, Gadhirkuthi Beat under Nathua Range	JICA	Misc. Sal	Creation	10.00
	Ramsai, Gadhirkuthi Beat under Nathua Range	SFDA	Misc. Sal	Creation	10.00
	Rethi-1 & 2, Rethi Beat under Banarhat Range	State Plan	Misc. Sal	Creation	15.00
	Dalmore, Dalmore Beat under Dalmore Range	State Plan	Misc. Sal	Creation	25.00
	DLG-1 & 4, Dalgaon Beat under Dalgaon Range	JICA	Misc. Sal	Creation	20.00
	Total				**247.00**
Purba Medinipur	Contai, Bajkul, AFR, Egra	SPAP-CSB	Coastal Shelter Belt	Creation	115.00
	Bajkul, Contai, Haldia	SPAP-MG	Mangrove	Maintenance	146.42
	Bajkul, AFR,Panskura,Egra	SPAP-Strip	Strip	Maintenance	67.00
	Contai, Bajkul, Haldia, AFR	SPAP-MG	Mangrove	Creation	100.00
	Contai, Bajkul, Haldia, AFR, Panskura	SPAP-CSB	Coastal Shelter Belt	Maintenance	115.00
	Bajkul, Contai, AFR, Panskura, Egra, Haldia	SPAP-Strip	Strip	Creation	72.00
	Contai, Bajkul, Haldia	SPAP-CSB	Coastal Shelter Belt	Maintenance	150.00
	Bajkul, Haldia, Panskura, Contai, AFR	SPAP-CSB	Coastal Shelter Belt	Advance	90.00
	Bajkul, Contai, Haldia	SPAP-MG	Mangrove	Maintenance	80.00
	Bajkul, Contai, Haldia	SPAP-MG	Mangrove	Advance	60.00
	Egra, Panskura	SPAP-Strip	Strip	Maintenance	60.00
	Egra, Panskura, Bajkul, AFR	SPAP-Strip	Strip	Advance	60.00
	Total				**1115.42**
24 Parganas (South)	24 Parganas(South)	CMM	Mangrove	Advance	420.00
		CMM	Mangrove	Maintenance	330.00
		ESBR	Non-Mangrove Nursery	Creation	600.00
		State Plan	Strip	Advance work	100.00
		State Plan	DPN	Advance work	182.00
		State Plan	Mangrove	Creation	100.00
		State Plan	Mangrove	Maintenance	100.00
	Total				**1832.00**

Creation, Advance Work, Maintenance of Plantations during 2014-15

Division	Location	Scheme	Type of Plantation	Creation/ Maintenance/ Advance Work	Area (Ha)
Gorumara Wildlife Division	Gorumara North/Khunia/Nagrakata Civil block/ Tondu Mouza	CAMPA	Grass-Fodder	Creation	30.00
	Gorumara North/ Chapramari / Chapramari / Chapramari-II	RKVY	Tree-Fodder	Creation	30.00
	Gorumara North/ Chapramari / Chapramari / Chapramari-II	CSS- Project Elephant	Bamboo-Fodder	Creation	5.00
	Gorumara North/ Chapramari / Chapramari / Chapramari-II	CSS-Chapramari	Tree-Fodder-2008	Maintenance	5.00
	Gorumara North/ Chapramari / Chapramari / Chapramari-II	CSS-Chapramari	Tree-Fodder-2011	Maintenance	10.00
	Gorumara North/ Chapramari / Chapramari / Chapramari-II	CSS-Chapramari	Bamboo-Fodder-2007odder	Maintenance	10.00
	Gorumara North/ Chapramari / Chapramari / Chapramari-II	CSS-Project -Elephant	Bamboo-Fodder-20011	Maintenance	10.00
	Gorumara South/ Gorumara / Jaldhaka /Jaldhaka Ib	CSS-Project -Elephant	Bamboo-Fodder-2014	Creation	10.00
	Gorumara South/ Gorumara / Jaldhaka /Jaldhaka Ib	WB-SFDA-CSS-13 Finance Commission 2013-14)	Grass-Fodder	Creation	30.00
	Gorumara South/ Gorumara / Jaldhaka /Jaldhaka Ib	WB-SFDA /RIDF	Grass-Fodder	Creation	10.00
	Gorumara South/ Dhupjhora/ Dhupjhora Ib	WB-SFDA/ RIDF	Grass-Fodder	Creation	14.00
	Gorumara South/ Dhupjhora/ South Indong /South Indong – I	WB-SFDA/ RIDF	Grass-Fodder	Creation	6.00
	Gorumara South/ Budhuram/Ramsai Extension	WB-SFDA /RIDF	Grass-Fodder	Creation	30.00
	Gorumara South/ Budhram/ Medla /Medla III	SPAP	Tree-Fodder	Creation	20.00
	Gorumara South/ Dhupjhora/ Dhupjhora Beat Complex	SFDA/13 Finance Commission	Plantation for creation of Malsa stock area	Creation	1.00
	Gorumara South/ Gorumara/ Jaldhaka/Jaldhaka Ib	SFDA/13 Finance Commission	Plantation for creation of Madhua stock area	Creation	2.00
	Gorumara South/ Gorumara/Gorumara/ Gorumara II	SFDA/13 Finance Commission	Tree-Fodder Plantation-2013	Maintenence	5.00
	Gorumara South/ Gorumara/Gorumara/ Gorumara II	SFDA/13 Finance Commission	Tree-Fodder Plantation-2012	Maintenence	10.00
	Gorumara South/ Dhupjhora/ South Indong /South Indong 1	SFDA/13 Finance Commission	Older Bamboo Plantation-2007	Maintenence	25.00
	Gorumara South/ Gorumara/Gorumara/ Tondu-Bamandanga	SFDA	Bamboo Plantation-2008	Maintenence	20.00
	Gorumara South/ Dhupjhora/ Dhupjhora Ib	WB-SFDA-RIDF/ XVII	Tree Fodder Plantation-2011	Maintenence	10.00
	Gorumara South/ Dhupjhora/ Dhupjhora Ib	WB-SFDA-RIDF	Grass Fodder Plantation-2013	Maintenence	20.00
	Gorumara South/ Budhram/ Medla /Medla III	WB-SFDA- RIDF	Dwarf Grass Fodder Plantation-2009	Maintenence	10.00
	Gorumara South/ Budhram/ Medla /Medla III	RIDF/789,796,800	Bamboo Plantation-2004	Maintenence	10.00
	Gorumara South/ Budhram/ Medla /Medla III	SFDA/RIDF/ XVII	Grass-Fodder Plantation- 2004	Maintenence	5.00
	Gorumara South/ Bichabhanga/ Barohati/Barohati-I	SFDA/RIDF/ XVII	Bamboo Plantation-2008	Maintenence	10.00
	Gorumara South/ Bichabhanga/ Barohati/Barohati-I	SFDA/RIDF/ XVII	Bamboo Plantation-2009	Maintenence	10.00
	Upper Neora/Rachilla/Rachilla Chowk	CSS-Neora Valley	Mixed Fodder	Maintenence	4.00
	Total				**362.00**

Encroachment and Diversion of forest land in Wildlife Divisions

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 comptt. 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**
Medinipur Division	4.02 Ha.	Godapiasal (Kula Pachuria)	Cement factory	OCL
Kharagpur Division	10.59 Ha.	KGP-1 & Sankrail Block under Kalaikunda Range	Transmission Line	Purulia Kharagpur Transmission Company Limited
Burdwan Division	2.526 Ha.	Kanksa Block Mouzas - Jambon, Jagaria, Bhagabanpur, Molandighi, Akandara, Saraswatiganj, Hariki, Keshabpur, Gopalpur, Rupganj, Sundiara	For extraction of coal-bed methane gas through directional & horizontal drilling of wells	M/S Essar Oil Ltd., Durgapur

Parakeets (Jaldapara) **Pix - 102**

Minutes of the Wildlife Research Advisory Committee held on 09.01.2015 at 3-00 PM in the Conference Hall of the office of the PCCF, Wildlife & CWLW, West Bengal

Members present :

In Chair :

Sri Ujjwal Bhattacharya, *IFS*
Principal Chief Conservator of Forests, Wildlife &
Chief Wildlife Warden, West Bengal

Dr. P.Vyas, *IFS*
Addl. Principal Chief Conservator of Forests &
Director, Sundarban Biosphere Reserve, West Bengal

Dr. B.R. Sharma, *IFS*
Addl. Principal Chief Conservator of Forests, Wildlife, West Bengal.

Sri Kalyan Das, *IFS*
Conservator of Forests, Wildlife (Headquarters), West Bengal &
Member-Secretary, Wildlife Research Advisory Committee

Sri S.Chanda, *IFS*
Jt. Director, Sundarban Biosphere Reserve, West Bengal

Dr. V.P.Prasad, *Scientist–D*
Central National Herbarium, Botanical Survey of India.

Sri Tapan Saha, *Sr. Scientist*
Director of Environmental Studies & Wetland Management

Dr. M.R.Bhattta
Conservator of Forests, Research Circle, West Bengal

Dr. Kailash Chandra, *Scientist-F*
Zoological Survey of India.

Sri Kushal Mukherjee
Prakriti Samsad.

Smt. Niranjita Mitra
Asstt. Wildlife Warden, Wildlife (HQ)

Sri Ujjwal Bhattacharya, *IFS*
Principal Chief Conservator of Forests, Wildlife & Chief Wildlife Warden, West Bengal first welcome all the members present in the meeting and initiated discussion.

After thorough discussions the following 24 (twenty four) proposals were decided by the members present, as tabulated below :

Agenda Item No. 1 :	Discussion to approve or reject of the matters of 24 Nos. Research / Survey proposal received during 2013 and 2014 till date.

Sl.No.	Project Name (Theme) and submitted / conducted by	Comments / decisions of the RAC
1	"To study the present status of the Medicinal Aconites in the Alpine and Sub-alpine zone of Darjeeling including Singhalila NP". Submitted by: P. Lakshminarasimhan, Scientist-D, BSI To be conducted by: Dr. A B D Selvam.	Approved.
2	"Further studies on potential ornamental gingers : Demostication, Micropropagation and Popularization " Submitted by: Prof (Dr.) M. Sabu, Dept. of Botany University of Calicut, Kerala To be conducted by: Dr. M. Sabu, Miss.Aiswary K., Mr. Ahnedul Kabeer, TK., Mr. Ashfak Ahamed O.	Committee recommended the proposal to carry out the study outside the Protected Area, for that they have to apply to PCCF (HoFF). If after study outside the PA, any specific requirement of work in PA comes up, then it can be thought of.
3	"Resource partitioning between domesticated honey bees (*Apis mellifera*) & wild bees (*Apis dorsata*) in Sundarbans: Understanding the implications of promoting blood free honey in Aid of Tiger Conservation " Submitted by: Anurag Danda, Ph D. Climate Adoption Prog & Sundarban Landscape-WWF-India To be conducted by: Dr. Anurag Danda, Prof. Swati Gupta bhattacharye, Dr. Punarbasu Chowdhury, Mr. Ratul Saha.	Allowed only in Lothian, Bakkhali and Jambu (outside Protected Area).
4	"Vegetation structure of the Ballavpur Wildlife Sanctuary in relation to various soil parameters, especially soil N-transformations" Submitted by: Dr. Hema Gupta (Joshi), Asstt. Prof. Deptt. of Botany, Viswa Bharati. To be conducted by: Dr. Hema Gupta (Joshi), Sangita Ganguli (Research Scholar)	Approved for one year.
5	"Studies on population and behavioral ecology of Red Panda *(Ailurus fulgens)* in Singalila National park & Neora Valley National park, West Bengal, India, with special reference to conservation" Submitted & to be conducted by: Mr. A.K.Jha IFS, Director, PNHZ Park	It will be recommended as collaborative study between PNHZP and Wildlife Wing, Forest Deptt. to Department of Science and Technology, GoWB for financial assistance.
6	"Study of frontline staff and their living conditions in Sundarbans" Submitted & to be conducted by: Niladri Sarkar	Not applicable.
7	"An assessment of Taxonomic status, conservation and sustainable utilization of the Horseshoe Crab Resource along the East Coast of India" Submitted by: Dr. K. A. Subramanian, Scientist-D, ZSI (Interim report submitted) To be conducted by : Dr, Basudev Tripathy, Scientist-C & Principal Investigator of the Project, Dr. Anil Mohapatra, Scientist-C & Co-PI, Dr. Vikas Kumar, Scientist-C & Co-PI, & Shri Amit Mukhopadhyay, Zoological Assistant	Approved, but collection of specimen should be done outside the Protected Area.

Sl.No.	Project Name (Theme) and submitted / conducted by	Comments / decisions of the RAC
8	"Estimation of Population size and dietary habits of Tigers in Buxa Tiger Reserve, West Bengal" Submitted by: Bibhab Kr. Talukder, Secy Gen. & CEO, Aaranyak. To be conducted by: Udayan Barthakur, Assam	Pending for next RAC, provided availability of fund.
9	"Collection of research samples for two ongoing projects i.e., (1) Metal uptake, transport and release by mangrove plants in Sundarban Wetland, India: Implications for phytoremediation & restoration and (2) Mesozooplankton population dynamics as a response to environmental changes of two tropical mangrove wetlands in India and Taiwan: An approach to ecosystem indicator" - from Sajnekhali, Sundarban Submitted by: Dr. Santosh Kr. Sarkar (Prof), Deptt of Marine Science, University of Calcutta. To be conducted by: Dr. Bhaskar Deb Bhattacharye, Dibyendu Rakshit, Taiwan prof. Jiang Shiou Hwang of National Taiwan University., Dr. Santosh Kr. Sarkar.	Recommended outside the Protected Area (RF of SBR) in present form. If specific Sajnekhali is required then they have to give the proper justification.
10	"Determination of conservation value of the Mangroves of Indian Sundarbans" Submitted & to be conducted by: R. K. Trivedi, Principal Investigator, Deptt. of Aquatic Environment Management, Deptt. of Fishery Science, WBUA&FS Forwarded by JD, SBR, S/Bengal.	Insufficient information, decision could not be taken.
11	"Studies on the indirect evidence of wildlife presence in various forests of Dooars and observation and comparative study of animal behaviour in both wild and captive habitat w.r.f to PNHZ Park Darjeeling" Submitted by: Soham Baroi, M.Sc (2nd Sem0 student, Deptt. of Zoology, Darjeeling Govt. College. To be conducted by: Soham Baroi, Biplob Roy, Bijon Behari Barman.	Administrative decision, approval of RAC is not required.
12	"Conservation politics, conflicts and Survival Crisis centering the Protected Areas of Sundarban, West Bengal" Submitted by: Amrita Sen, Doctoral Research Scholar (Sociology), Deptt. of Humanities & Social Science, Indian Institute of Technology, Bombay (Mumbai) To be conducted by: Amrita Sen, Dr. Sarmistha Pattanaik, Asstt. Prof.	Administrative decision, approval of RAC is not required.
13	"Studies on Butterfly Diversity and Abundance of West Bengal covering all the agro-ecological landscape with emphasis on ecological and Biochemical Interactions " Submitted by: Souryadeep Mukherjee, Asstt. Prof. Deptt. of Biology Science, Presidency University. To be conducted by : Souryadeep Mukherjee Co-investigator Arjan Basu Roy, Secy, Nature Mates – Nature Club (NGO)	Not approved as source of fund and methodology has not been mentioned. Can go for the same outside the PA areas without collecting the samples.
14	"Study of Creek Systems and Shoreline Changes in parts of Western Sundarbans" Permission for survey work in Matla-Bidya creek system in Western Sundarban by mechanised boat – GSI Field season programme, Item No. 086 of Field Season – 2014-15. Submitted by: Debasis Sen Gupta, Sr. Geologist & Chief Scientist: Item-086, GSI. To by conducted by: Dr. S. B.Roy and 11 others.	Approved up to March 2015.

Sl.No.	Project Name (Theme) and submitted / conducted by	Comments / decisions of the RAC
15	"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" Submitted by: Dr. Gaurav Sharma, Scientist – C & O/C, Mammals & Ost. Section, ZSI To be conducted by: Dr. Gaurav Sharma & team, ZSI	Approved.
16	"Taxonomic studies on family Tabanidae (Insecta: Diptera) of West Bengal" and " Molecular identification of Tabanids (Diptera Insecta) of West Bengal" Submitted by: Dr. Dhriti Banerjee, Scientist C and O/C Diptera Section, ZSI To be conducted by: Dr. Dhriti Banerjee and team	Approved.
17	"Role of Insect pollinators on the conservation of the major mangrove species in Sundarban Islands" Submitted by: K. Venkataraman, Director, ZSI To be conducted by: Dr. Bulganin Mitra and other scientists	Approved, but no Schedule-I specimen should be collected. For collection of Schedule-I specimen permission should be taken from MoEF, Wildlife Division.
18	"Taxonomic studies and distribution on the family reduviidae (Insecta: Hemipetra:Heteroptera)" Submitted by: Dr. K. A. Subramanian, Scienctist-C, ZSI To be conducted by: Paramita Mukherjee, SRF, ZSI, (Research proposal submitted in the last RAC meeting held on 27/5/14 and was asked to submit the methodology of the research programme, subsequently methodology submitted)	Approved.
19	"Study of Collembola fauna of Duars region of Northern West Bengal (especially protected areas like- National Park of Gorumara, Buxa Tiger Reserve and Jaldapara Wildlife Sanctuary" Submitted & to be conducted by: G. P. Mandal, Scientist C, Apterygota Section, ZSI.	Approved.
20	"Study of Neogene and Quaternary successions of eastern Himalayan foreland basin" Submitted by: S. K. Iyer, Chief Executive (Administrative & Finance), Indian Statistical Institute, Kolkata. To be conducted by: Dr. Tapan Chakrabarty, Associate Prof.,ISI, Kausik Ghosh, Associate Prof. of Vidyasagar University, Dr. Sandip More, Project-linked personnel, Suchana Taral, Sr. Research Fellow, ISI	Approved.
21	"Study on Ethology of Indian Crestless Porcupine (*Hystrix brochyura*)" Submitted by: Mousumi Podder Sarkar, Ph.D, Associate Prof. University of Calcutta, To be conducted by: Sh. Biswatosh Ghosh, Research Student.	Approved.
22	"Utilisation and Valuation of Floral Non-Timber Forest Products and Water Services Emanating from Forest Fringe Areas of Neora Valley National Park, Darjeeling" Submitted by: Dr. S.S.Chaturvedi, Asstt. Prof., North-Eastern Hill University, Deptt. of Environmental Studies, Umshing, Shillong, Meghalaya. To be conducted by: Ms. Sahana Mukherjee, Ph.D Scholar, Environmental Studies.	Work can be carried our outside the PA, for that they can approach PCCF (HoFF).

Sl.No.	Project Name (Theme) and submitted / conducted by	Comments / decisions of the RAC
23	"Biorestoration of degraded mangrove forest along the embankment of the river Ramganga and related molecular study for the loss of mangrove ecosystem homeostasis" Submitted by: Dr. Krishna Ray, Asstt. Prof. Department of Botany, West Bengal State University. To be conducted by: Dr. Krishna Ray, Mr. Swapan Kumar Mandal, Secretary, Digambarpur Angikar, Vill & PO Digambarpur, Nimpith-743349, Dr. Sandip Kumar Basak, Asstt. Prof. Deptt. of Botany, Kandi Raj College, Murshidabad.	Decision could not be taken as methodology not mentioned.
24	"Proposal for permission to carry out a study on role of Asian Weaver Ant (Oecophylla sp.) in causing mid-elevation peak in bird species diversity in eastern Himalayas – under WII – University of Chicago MOU" Submitted by: P. K. Mathur, Dean, Faculty of Wildlife Science, Wildlife Institute of India. To be conducted by : Ms Supriya, Ph.D. student at University of Chicago under the supervision of Dr. Trevor Price, Professor, University of Chicago and under Sh. R. Suresh Kumar, Scientist-D, WII	Approved

As there was no other agenda to discuss, the meeting ended with that to the chair and from the chair.

Climber Crab **Pix - 103**

Nest of Indian Weaver **Pix - 104**

Annexure - 19

Tiger Sighting in Sundarban Tiger Reserve during Tiger Monitoring in 2014-15

Block-Comp	Apr'14	May'14	June'14	July'14	August'14	Sept'14	Oct'14	Nov'14	Dec'14	Jan'15	Feb'15	Mar'15	Total-Comp Wise
Arbesi-1	1			1			1	2	5		1		11
Arbesi-2									1				1
Arbesi-4					1	1		1	1	2			6
Arbesi-5									1		5		6
Bagmara-6										1			1
Chamta-2											1		1
Chamta-4			1			1			1			1	4
Chamta-6											1		1
Chandkhali-1				2						2			4
Chandkhali-3									1			1	2
Chandkhali-4												1	1
Chotohardi-1				1						1			2
Chotohardi-2						1	1						2
Chotohardi-3			1	2					2				5
Gona-2					1								1
Gosaba-3		2			1		3	3	2		4	6	21
Harinbganga-1									2	3			5
Harinbganga-2			1										1
Jhilla-1										4	2		6
Jhilla-2	1	4		1					3		1	6	16
Jhilla-3	2	1	1		4								8
Khatuajhuri-1			1	1				1	2		2		7
Matla-2		1											1
Matla-3	1												1
Netidhopani-1	1	1	3	1	3	1	2	3	9		5	2	31
Panchamukhani-1							1			1			2
Panchamukhani-3								1		1			2
Pirkhali-1	3	3	5		6			4	2	3		2	28
Pirkhali-2		2					2	2		3	2	1	12
Pirkhali-3							2						2
Pirkhali-4	1						1	1			1	2	6
Pirkhali-5	1	1				1	2		1	6	4		16
Pirkhali-6					1		1						2
Pirkhali-7							3						3
Total-Month-wise	11	15	13	9	17	5	19	18	33	27	29	22	