

Appendices

## Appendix 1.1 (Paragraph 1.8, Page 4) Details of Outstanding Paragraphs

SI.	Department	Upto	Upto 2013	2013	3-14	2014-15	<b>-15</b>	2015-16	-16	201	2016-17	201	2017-18	2018	2018-19	Total	Total
No.	1															IRs	paras
1	Forest, Ecology & Environment	106	415	32	161	34	205	15	94	27	233	34	396	24	241	272	1745
2	WRD (MI)	39	146	16	102	15	125	13	66	18	143	19	157	2	12	122	487
б	PWP & IWT	113	354	53	231	55	313	59	375	59	404	51	356	58	582	448	2615
4	WRD	9	28	6	40	7	41	3	16	0	0	0	0	0	0	25	125
5	Commerce & Industries	20	200	10	70	9	39	15	111	4	22	12	51	5	40	72	533
9	Co-operation	11	39	7	54	ε	19	15	70	~	44	1	2	2	18	47	246
7	Economics and Statistics	1	1	1	11	1	3	2	8	1	4	0	0	0	0	9	27
8	Food, Civil Supplies & Consumer Affairs	12	50	3	29	2	21	11	61	3	17	0	0	3	14	34	761
6	Sericulture	39	108	16	61	2	3	L	48	1	7	0	0	0	0	65	L77
10	Tourism	3	96	1	14	0	0	0	0	1	14	9	42	2	11	13	<i>L</i> 71
11	IT&BT	7	18	6	32	3	26	3	28	3	24	1	7	1	10	24	145
	Total	357	1455	154	<b>S0</b> 8	128	262	143	910	125	912	124	1011	67	928	1128	6816

#### Appendix 1.2 (Paragraph 1.9, Page 4) Details of Departmental Notes pending as of March 2020

Sl. No.	Department	2003-04	2015-16 <sup>@</sup>	2016-17 <sup>@</sup>	2017-18	Total
1	Commerce & Industries			2	1	4
2	Food, Civil Supplies and Consumer Affairs	-		1	-	1
3	Forest, Ecology & Environment			2	1	3
4	Horticulture (Sericulture)	1		1	1	1
5	Water Resources (Minor Irrigation)	1		3	2	6
6	PWP & IWT	1	3	4	3	10
7	Tourism			1		1
8	Co-operation Department	-			1	1
	Total	01	03	13	9	27

#### (<sup>@</sup> Report on Economic Sector)

(In addition to the above Departmental Note for the Stand Alone Report on Administration of National Parks and Wildlife Sanctuaries in Karnataka is also pending)

Appendices

# Appendix 1.3 (Paragraph 1.9, Page 4) Number of Paragraphs/Reviews yet to be discussed by PAC as of March 2020

Total	60	02	04	24	17	02	14	02	03	03	01	81
17-18	1	ł	:	2	3		1	1				6
16-17	7	1	1	1	3		2	1	1	1	ł	10
15-16 <sup>@</sup>	5+	1	1	5	5	:	æ	1	1	:	ł	16
14-15 <sup>@</sup>	1	I	1	ю	1	1	5	1	1	1	ł	7
13-14 <sup>@</sup>	ł	I	1	2	1	1	e	1	1	1		7
12-13 <sup>@</sup>	1	I	1	1	5	1	I	1	1	1	I	8
11-12 <sup>@</sup>	1	I	1	1	1	1	I	1	1	1	ł	1
10-11	1	I	1	1	1	1	-	1	1	1	ł	3
01-60	1	I	1	2	1	1	1	1	1	ł	I	2
60-80	1	I	:	3	1	:	1	1	1	:	ł	4
80-20	1	I	1	1	1	1	1	1	1	1	ł	1
06-07	ł	I	1	1	1	:	-	:	1	:	ł	1
90-20		I	:	1	1	1	1	:	1	:	ł	2
04-05	ł	I	1	2	1	1	1	1	1	1	I	2
03-04	1	I	ł	1	1	ł	ł	1	2	ł	I	S
1996-2003	1	I	3	ł	1	1	I		1	1	I	3
Dept#	Forest, Ecology & Environment	Food, Civil Supplies & Consumer Affairs	WRD	WRD (MI)	PWP & IWT	Co-operation	Commerce & Industries	Horticulture	IT&BT	Tourism	Infrastructure Development	Total
SI. No.	1	7	3	4	5	9	7	~	6	10	11	

(\* Includes Stand Alone Report on Administration of National Parks and Wildlife Sanctuaries in Karnataka)

(<sup>a</sup> Report on Economic Sector)

Appendix 2.1
(Paragraph 2.1.2, Page 9)
Status of Recognition of Zoos

SI. No.	Name of the zoo	Category of Zoo	Recognition valid up-to	Status of recognition of zoos as of March 2020
1	Mysore Zoo	Large	28/8/2020	Recognition valid
2	Bannerghatta Biological Park, Bengaluru	Large	5/5/2019	Yet to be renewed
3	Bellary Zoo – Relocated as Atal Bihari Vajpayee Zoological Park, Kamalapur, Hospet	Small	23/1/2019	Yet to be renewed
4	Shivamogga Zoo	Small	27/9/2019	Yet to be renewed
5	Kalaburagi Zoo	Mini	30/4/2017	Recognition suspended for one year (January 2019)
6	Gadag Zoo	Mini	20/1/2019	Yet to be renewed
7	Belagavi Zoo	Small	23/8/2018	Yet to be renewed
8	Davanagere Zoo	Mini	28/9/2019	Yet to be renewed
9	Chitradurga Zoo	Mini	30/4/2017	Recognition suspended for one year (January 2019)

#### Appendix 2.2 (Paragraph 2.1.3.1, Page 10) Details of approval of Master Plans and Master (Layout) Plans of Zoos

SI. No.	Name of the zoo	Year of establishment of zoo	Date of approval of Master (layout) Plan	Date of approval of Master Plan
1	Mysore Zoo	1892	26/10/2013	29/10/ 2013
2	Bannerghatta Biological Park, Bengaluru	1974	3/1/2014	10/12/2014
3	Kamalapur Zoo	2017	31/12/2012	13/11/2014
4	Shivamogga Zoo	1988	12/2/2019	-
5	Kalaburagi Zoo	1988	-	-
6	Gadag Zoo	1972	18/2/2019	-
7	Belagavi Zoo	1989	12/2/2019	-
8	Davanagere Zoo	1993	-	-
9	Chitradurga Zoo	1987	12/12/2018	-

#### Appendix 2.3 (Paragraph 2.1.4.2, Page 12) Details of surplus species in Zoos

SI . No.	Name of the Zoo	Total No of Species Displayed	No of surplus species in respective zoo
1	Mysore Zoo	152	27
2	BBP, Bengaluru	95	06 (Leopard, Jungle cat, Black buck, Hogg Deer, Spotted Deer and Star Tortoise)
3	Shivamogga Zoo	30	03 (Leopard, Spotted deer and Sambar)
4	Gadag Zoo	34	02 (Spotted deer and black buck)
5	Belagavi Zoo	23	02 (Spotted deer and black buck)
6	Kamalapur Zoo	32	03 (Stone tortoise, Spotted deer and Black buck)
7	Kalaburagi Zoo	21	02 (Marsh crocodile and Black kite)
8	Davanagere Zoo	15	01 (Spotted Deer)
9	Chitradurga Zoo	16	01 (Black buck)

SI. No.	Species			rs as 1 2019	
		Μ	F	U	Т
1	Asiatic Elephant	1	5	0	6
2	Indian Leopard	4	9	0	13
3	Bengal Tiger	6	0	0	6
4	Barasingha/Swamp Deer	0	0	6	6
5	Black Buck	0	0	28	28
6	Gaur	2	1	0	3
7	Striped Hyena	0	2	0	2
8	Spotted Deer	10	10	0	20
9	Hog Deer	22	1	0	23
10	Sambar	1	1	0	2
11	Nilgai	14	7	0	21
12	Himalayan Goral	2	0	0	2
13	Common Peafowl	2	3	0	5
14	Lady Amherst's Pheasant	2	2	0	4
15	Black Swan	0	0	18	18
16	Black Crowned Night Heron	3	10	47	60
17	Sarus Crane	4	0	0	4
18	Budgerigar	20	20	0	40
19	Grey Indian Wolf	4	2	0	6
20	Hippoptamus	4	2	0	6
21	Rhesus Macaque	1	3	5	9
22	Yellow Golden Pheasant	2	2	0	4
23	Red Avadavit	0	0	4	4
24	Sloth Bear	2	0	0	2
25	Asiatic Black Bear	1	0	0	1
26	Chinese Ring-Necked Pheasant	2	2	0	4
27	Giraffe	0	2	0	2

#### Appendix 2.4 (Paragraph 2.1.4.2, Page 12) Details of surplus animals in Mysore Zoo

#### Appendix 2.5 (Paragraph 2.1.4.2, Page 13) Single or Mono-sex animals displayed at Zoos

SI . No.	Species	Mysore Zoo	BBP Zoo	Shivamo gga Zoo	Gadag Zoo	Belagavi Zoo	Kamalapur Zoo	Kalaburagi Zoo	Davana - gere Zoo	Chitra- durga Zoo
		Status	Status	Status	Status	Status	Status	Status	Status	Status
1	Small Indian Civet	Single								
2	African Elephant	Single								
3	Smooth coated otter	Mono-sex								
4	Tawny Eagle	Single								
5	Great Indian Hornbill	Single	Single							
6	Cassowary	Mono-sex								
7	Flamingo	Single								
8	Goffins Cockatoo	Mono-sex								
9	African slender snouted crocodile	Mono-sex								
10	Nile crocodile	Mono-sex								
11	Albino Black Buck	Single								
12	Brahminy Kite	Single								
13	Bar Headed Goose	Single								
14	Tawny Eagle	Single								
15	Comb Duck	Mono-sex								
16	Moustached Parakeet	Single								
17	Common Indian Krait	Single								
18	Jaguar	Single								
19	Bat Eared Fox	Single								
20	North American Wood Duck	Single								
21	Red Lory	Single								
22	Patagonian Connure	Single								
23	Salmon Crested Cockatoo	Single								
24	Livingston's Turaco	Single								
25	Paradise Whydah	Single								
26	Darwin's rhea	Single								
27	Cheetah	Single								
28	Common barn owl	Single	Single							
29	Lesser Adjutant Stork	Mono-sex								
30	King cobra	Mono-sex								
31	Common Langur	Mono-sex (upto 2018)								
32	Brown Lemur	Single (upto 2016)								
33	White Rhino	Single (upto 2016)								
34	Brown Wood Owl	Single (upto 2016)								

35	Red-billed toucan	Single (upto 2018)						 	
36	Jungle cat	Single (upto 2018)			Single			 	
37	Mouse Deer	Mono-sex (upto 2018)						 	
38	Fallow Deer	Mono-sex (upto 2018)						 	
39	Spoon Bill		Single					 	
40	Eurasian Eagle Owl		Mono- sex					 	
41	Painted Stork		Mono- sex		Single			 	
42	Golden Pheasant		Single			Mono-sex	Single	 	
43	Yellow Golden Pheasant						Single	 Single	
44	Khaleej Pheasant		Single					 	
45	Lady Amerset Pheasant			Single			Single	 	Mono- sex
46	Silver Pheasant							 	Single
47	Chinese Ring necked Pheasant		Single			Single			
48	Common Ring					Single	Single	 Mono-sex 	
49	necked Pheasant White Peafowl		Mono-		Single		(upto 2017)		
			sex		Shigit				
50	Mottled wood owl		Single					 	
51	Rainbow lorikeet		Mono- sex					 	
52	Red lorikeet		Mono- sex					 	
53	Lion Tailed Macaque		Single					 	
54	Common Langur		Mono- sex (upto 2018)					 	
55	Malabar Giant Squirrel		Single (upto 2017)	Mono- sex				 	
56	Four horned antelope		Mono- sex					 	
57	Goral		Single					 	
58	Slender Loris		Single					 	
59	Giraffe		Single					 	
60 61	Hamadryas Baboon Marmosets		Single Single					 	
			(upto 2018)					 	
62	Gharial		Mono- sex					 	
63	Indian Mud or Flapshell Turtle		Single					 	
64	Morelet's crocodile		Single					 	
65	Graylag Goose/ white goose			Single				 	
66	Porcupine			Single				 	
67	Black Buck			Single				 	
68	Indian Rock Python			Mono- sex	Mono- sex			 	

69	Marsh Crocodile			Mana						
09	Marsh Crocodile			Mono-						
				sex						
70	Common Palm civet				Single					
71	Grey Jungle Fowl					Mono-sex				
72	Red Jungle Fowl					Mono-sex			Mono-sex	
73	Love Birds					Mono-sex				
						(Unknown)				
74	ButhanSilkes					Mono-sex				Single
										(upto
										2018)
75	Red monkey						Single (upto			
							2017)		<u> </u>	~
76	Sloth Bear						Single		Single	Single
77	Jackal						Single			Single
										(upto
										2018)
78	Alexandrian parakeet						Single			
79	White necked stork							Single		
80	Sambar							Single		
81	Indian Soft shell								Single	
	turtle									
	Total	38	24	07	05	07	08	02	05	05

SI. No.	Name of the Zoo	Period	Name of food item	Require- ment (Kg)	Procure- ment (Kg)	Variation (%)	Excess Amount (₹)
1	Mysore Zoo	2018-19	Beef	114292	111300	-2.62%	
2	Kalaburagi Zoo	2018-19	Beef	5751	4380	-23.84%	
3	Belagavi Zoo	2014-15 to 2018-19	Green Grass	150380	71495	-52.46%	
4	Kamalapur Zoo	2014-15 to 20115-16	Beef	11473	20261	76.59%	7,90,845
		2016-17 to 2018-19	Beef	46580	25178	-45.94%	
		2014-15	Chicken	156	35	-345%	
		2016-17 to 2018-19	Chicken	468	1751	274%	2,38,400
		2016-17 to 2018-19	Garlic	320	170	-46.87%	
			Groundnut	1862	1076	-42.24%	
			Нау	56063	107829	92.33%	4,14,126
5	Gadag Zoo	2014-15 to	Beef	76247	41172	-46%	
		2018-19	Chicken	1964	1120	-42.97%	
6	Shivamogga Zoo	2017-18 & 2018-19	Beef	123447	115658	-6.3%	
		2017-18	Chicken	2444	8576	250.9%	10,42,440
		2018-19	Chicken	2236	1906	-14.78%	
7	Davanagere	2014-15 to	Lucerne	74098	25810	-65.16%	
	Zoo	2018-19	Green Grass	427415	273111	-36.10%	
			Нау	42705	41555	-2.69%	
			Groundnut cake	32110	21874	-31.88%	
8	BBP	2014-15 to	Beef	1024747	989170	-3.47%	
		2018-19	Chicken	7453	26190	251.4%	35,26,534

#### Appendix 2.6 (Paragraph 2.1.7.1, Page 18) Requirement and procurement of food items

Sl. No.	Name of the zoo	Food item not procured	Period	Species and requirement
1	Belagavi Zoo	DC oats	2014-15 to 2018-19	Spotted Deer (0.68kg per day)
		Honey	2014-15 to 2018-19	Sloth Bear (10 gm per day)
		Sweet Potato	2014-15 to 2018-19	Sloth Bear – 100 gms per day
		Soya Bean meal	2014-15 to 2018-19	Emu – 160 gm per day
2	Kamalapur Zoo	Wheat Bran	2014-15 to 2016-17 and 2018-19	Black buck (0.4 kg per day) Spotted deer (0.5 kg per day)
3	Zoo	Horse gram	2017-18, 2018-19 (For balance years complete details not furnished)	Black buck (0.2 kg per day), Sambar deer (0.4 kg per day), Spotted deer (0.25 kg per day)
		Soya bean		Pea fowl (0.02 kg per day), Red jungle fowl (0.01 kg per day), Greylag goose (0.2 kg per day)
		Lucerne		Peafowl (0.01kg per day), Black buck (0.01 kg per day), greylag goose (0.06 kg per day), Emu- (0.04 kg), Lady Amherst's pheasant- (0.02kg per day)
		DC oats		Spotted Deer (0.68kg per day)
		Paddy		Budgerigar (0.05 kg per day), Love birds (0.02 kg per day)
		Sugarcane		Budgerigar (0.01 kg per day), love bird (0.01 kg per day)

#### Appendix 2.7 (Paragraph 2.1.7.2, Page 18) Non-procurement of items in diet chart

SI. No.	Zoo	Period	Species	Item	Quantity in Kgs	Expenditure in ₹
1	Belagavi Zoo	2016-17 to 2018-19	Tortoise	Minced Meat	720	1,14,960
		2016-17 to 2018-19	Tortoise	Fish	120	9,733
2	Kamalapur Zoo	2014-15, 2015- 16, 2016-17, and 2018-19.	Not available	Wheat	2,77,783.5	61,98,403
3	Davanagere Zoo	2014-15, 2016-17, 2017-18 and 2018-19	Not available	Fruits	3,860.16	1,44,828.8
		2014-15 to 2018-19	Not available	Vegetables	5,566.9	1,60,931
		2014-15, 2016-17, 2017-18 and 2018-19	Not available	Black grapes	391	11,630
	Total					66,40,486

#### Appendix 2.8 (Paragraph 2.1.7.2, Page 18) Procurement of items not in diet chart

#### Appendix 2.9 (Paragraph 2.1.8, Page 19) Statement of enrichment activities carried out in Zoos

Sl. No.	Name of the Zoo	Habitat Enrichment	Feed Enrichment	Total Species/ Enriched	Expenditure (₹ in lakh)	Biologist
1	Mysore Zoo	Р	Р	152/46	106.37	Р
2	BBP, Bengaluru	Р	Р	95/25	1.02	Р
3	Shivamogga Zoo	Р	Ab	30/8		Ab
4	Gadag Zoo	Р	Tiger & bear	34/02		Ab
5	Belagavi Zoo	Ab	Ab	23/Nil		Ab
6	Kamalapur Zoo	Р	Ab	32/		Ab
7	Kalaburagi Zoo	Р	Ab	21/6	1.00	Ab
8	Davanagere Zoo	Ab	Ab	15/Nil		Ab
9	Chitradurga Zoo	Р	Ab	16/06		Ab

#### Appendix 2.10 (Paragraph 2.1.9, Page 20) Details of veterinary infrastructure and its status in Zoos

SI. No.	Name of the Zoo	Type of Zoo	Minimum staff required as per CZA Norms	Available Staff	Annual Zoonotic disease screen Animal/keeper	Health committee	Infrastructure
1	Mysore Zoo	Large	2 Veterinarian, 1 Lab Asst. & 2 compounder	Present	No/ only regular check up	Present/ Not regular	Complete setup in place
2	BBP, Bengaluru	Large	2 Veterinarian, 1 Lab Asst. & 2 compounder	Present	No/ only regular checkup	Present/ Not regular	Complete setup in place. Except for a proper quarantine & isolation room
3	Shivamogga Zoo	Small	1 Veterinarian & 1 compounder		No/ only regular checkup	Present/ Not regular	Complete setup in place
4	Gadag Zoo	Small	1 Veterinarian & 1 compounder	Ab/ Now Asst Vet	No/ only regular checkup	Absent	Hospital building constructed/ Yet to get apparatus and yet to be functional
5	Belagavi Zoo	Small	1 Veterinarian & 1 compounder	Ab	No/ only regular checkup	Absent	No treatment room also
6	Kamalapur Zoo	Mini	At least a local Veterinarian	Present	No/ only regular checkup	Absent	Basic structure constructed/yet to get apparatus and yet to be functional
7	Kalaburagi Zoo	Mini	At least a local Veterinarian	Present	No/ only regular checkup	Absent	No treatment room also
8	Davanagere Zoo	Mini	At least a local Veterinarian	Ab	No/ only regular checkup	Absent	No treatment room also
9	Chitradurga Zoo	Mini	At least a local Veterinarian	Present	No/regular checkup only	Absent	No treatment room also

Facility Provided	Mysore Zoo	Kalaburagi Zoo	Belagavi Zoo	Davanagere Zoo	Shivamogga Zoo	Kamalapur Zoo	BBP	Gadag Zoo	Chitradurga Zoo
Drinking water	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shelters/shade areas	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Toilets	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Child care area	Yes	No	No	No	Yes	Yes	Yes	No	No
Canteen	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes
Information/ display board	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Route Map display	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pathway directions	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Electric cars (Battery operated cars)	Yes	No	No	No	No	No	Yes	Yes	No
First aid kit	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Parking	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wheel chair/ ramps for physically challenged	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes

#### Appendix 2.11 (Paragraph 2.1.11.1, Page 23) Details of visitor facilities in Zoos

#### Appendix 2.12 (Paragraph 2.1.13, Page 25) Details of sanctioned and working strength in Zoos

SI. No.	Name of the Zoos	Sanctioned strength	Working strength as in
			March-2019
1	Mysore Zoo	137	310
2	Kalaburagi	11	12
	Zoo.		
3	Belagavi Zoo	14	8
4	Kamalapur	16	36
	Zoo		
5	Gadag Zoo	8	23
6	Chitradurga	7	7
	Zoo		
7	Shivamogga	27	42
	Zoo		
8	Davanagere	6	7
	Zoo		
9	BBP,	162	317
	Bengaluru		
	Total	388	762

#### Appendix 2.13 (Paragraph 2.6, Page 36) Overpayment to contractors towards plastering to ceiling

Name of the Circle Office	Name of the work/Division/ Contractor	Est. Cost (₹ in crore)	CER No.	Excess payment (₹ in lakh)
Superintending Engineer, Shivamogga	C/o Mini Vidhana Soudha at Challakere/ PWD Division, Chitradurga/ M/s Ramkrishy Infrastructure Pvt. Ltd (Indent No. 54476)	9	310/August 2016	8.05
	C/o Post Metric Boys Hostel building at Chitradurga/ PWD Division, Chitradurga/ M/s Ramkrishy Infrastructure Pvt. Ltd.,/ Package No.1 Indent No.77640	11.68	1062/1063/ 1065 of 2017	11.68
	C/o Post Metric Girls Hostel building at Chitradurga/ PWD Division, Chitradurga/M/s Ramkrishy Infrastructure Pvt. Ltd.,/ Package No.2 Indent No.77642	15.52	1061/1064/ 1066/ 1068 of 2017	7.92
	C/o Post Metric Girls Engineering and Medical Hostel at Chitradurga/PWD Division, Chitradurga/M/s. S.R. Constructions/ Package No.3 (Indent No. 77644)	14	1059/1060/ 1067 of 2017	7.30
Superintending Engineer, Bengaluru	C/o New Building for Karnataka Judicial Academy/ No.1 Buildings Division/ B.S.R Infrastructure	76	15/15-16	36.76
Dengalul u	C/o Family Flats to MLS at LH premises/ No.1 Buildings Division/ Sri. Jayaprakash Rao	35	112/14-15	27.08
	C/o 202 Rooms at Kumara krupa Guest House/ No.1 Buildings Division/ B.G.Shirke Construction	80	44/14-15	46.36
	C/o Car parking, Court Hall & Advocate Building at CMM Court Building/ No.2 Buildings Division/ V.Shekar	26	11/14/2015	9.02
	C/o 5 <sup>th</sup> & 6 <sup>th</sup> Floor at CCC premises/ No.2 Buildings Division/S.Shivaraju	13.7	56/13-14	23.01
	C/o Annex Building at Kaveri Guest House/ No.2 Buildings Division/Dhamodar & Co	18	99/14-15	13.18
	Haigreeva Infratech Ltd	4.8	75/2016-17	2.81
		Total		193.17

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