

GOVERNMENT OF RAJASTHAN
FOREST DEPARTMENT

ANNUAL PLAN OF OPERATIONS

FOR

BASSI WILDLIFE SANCTUARY



Year : 2007-2008

DEPUTY CONSERVATOR OF FOREST (WILDLIFE)
CHITTORGARH (Raj.)

ANNUAL PLAN OF OPERATION

OF

"Wildlife Sanctuary Bassi"

For the Year 2007-2008

1. NAME OF SANCTUARY:- "WILDLIFE SANCTUARY BASSI"

(i) The Bassi wildlife Sanctuary -

The sanctuary derives its name from the historical town Bassi situated at the corner of the sanctuary. The Maharaja of Gwalior also used to visit for hunting in this area for which, a rest house was constructed in Bhichor. This shows the richness of this area in terms of wildlife. But gradually the forest cover degraded and wildlife population decreased. Tiger extinct from this area in early 1970.

Till 1988 the forest area of the sanctuary fell under coppice with standard system. Some standard trees were marked and kept standing as mother trees. Felled coupes were closed for regeneration. Some times few gap planting were also carried out.

(ii) Location -

The Bassi Wildlife Sanctuary is situated in the South-East region of the Rajasthan in Chittorgarh district and well connected with roads. Bassi, Vijaypur, Begun are the nearest towns.

The Bassi Wildlife Sanctuary lies between $74^{\circ}40'$ to $75^{\circ}56'$ East longitude and $25^{\circ}55'$ to $25^{\circ}08'$ North latitude.

(iii) Approach -

This sanctuary is situated along the Chittorgarh-Kota National Highway at a distance of 25 Km. from Chittorgarh. The nearest railway station is Bassi-Berisal on Kota-Chittorgarh broad gauge line. The nearest airport is Dabok (Udaipur) 130 Km. away.

2. LEGAL STATUS :

The whole area of sanctuary consists of fourteen blocks having total area 13804.6 hecter. The State Govt. has notified all the blocks. The sanctuary area has been notified by the State Govt. vide notification no. F11/41/Raj./8186 dt. 28.8.1988 under wild life protection act 1972. Final notification by the Collector, Chittorgarh vide No. 969 dated. 20.8.98

S. No.	Forest Block	Area in Ha.			Total
		R. F.	P. F.	U.F.	
1.	Jaleshwar	2305.48	-	-	2305.48
2.	Bokriya	228.6	-	-	228.6
3.	Bhungriya	204.95	-	-	204.95
4.	Pat	-	85.00	-	85.00
5.	Rajpuria	165.00	-	-	165.00
6.	Kalamagra	362.80	-	-	362.80
7.	Nimghatti	-	434.20	-	434.20
8.	Mahesara	-	642.50	-	642.50
9.	Kotha	-	740.20	-	740.20
10.	Badamagra	-	320.60	-	320.60
11.	Bhichor	-	2097.08	-	2097.08
12.	Nandwas-B	-	150.8	-	150.8
13.	Nandwas-A	2145.85	-	-	2145.85
14.	Amjahria	3986.00	-	-	3986.00
	TOTAL :	9398.68	4470.38	-	13869.06

3. NUMBER OF VILLAGES WITH IN PA:-

The following revenue villages exists inside the sanctuary-

- | | |
|----------------|-----------------|
| 1. Bhachari | 2. Nilia ki Mal |
| 3. Amjharia | 4. Salaria |
| 5. Kevadia | 6. Bobla Khurd |
| 7. Bobla Kalan | 8. Omar Thuna |
| 9. Pat | 10. Pitharia |
| 11. Delwad | 12. Mewasa |

4- STATUS OF SETTLEMENT OF RIGHTS:

The rights of the villagers in wild life sanctuary have been settled earlier under section 24 of the wildlife (Protection) Act 1972 However in compliance of order of Hon'ble Supreme Court of India in I.A. No. 548 dated 11.5.2001 in respect of I.A. No. 617 & 619 villagers are not allowed to exercise existing rights in the Sanctuary.

5- MANAGEMENT PLAN (2003-04 TO 2012-13):

The Management Plan for the year 2003-04 to 2012-13 is approved by the Chief wildlife Warden Rajasthan wide order No.F() Dev./CWLW/2138 Dt. 9-2-2004.

PANTHAE



6. CENSUS:

Wild Life census report Bassi Sanctuary-

S. No.	Name of animal	2002	2003	2004	2005	2006
1	Panther	9	12	13	13	-
2	Hyena	23	25	24	29	-
3	Jackal	116	129	142	173	-
4.	Spotted deer(Chital)	4	3	10	12	-
5.	Blue bull	113	138	161	234	-
6.	Chinkara	129	110	119	125	-
7.	Wild Boar	21	28	39	45	-
8.	Fox	47	38	48	64	-
9.	Civet	14	29	33	44	-
10.	Porcupine	10	24	29	20	-
11.	Hare	67	159	181	208	-
12.	Langoor	281	499	556	924	-
13.	Wild cat	11	33	40	46	-
14.	Peacock	96	117	113	167	-
15.	Crocodile	4	20	17	17	-
16.	Eagle	2	7	27	2	-
17.	Crane	6	26	16	40	-

7. ANIMALS FOUND IN THE SANCTUARY:-

The Bassi Wildlife sanctuary is known for Panther, Indian gazelle, Hyena, Jackal, Crocodile, Fox, Porcupine, Hare, Cranes and above mentioned.

The rare threatened bird species found in the sanctuary as listed by International Union for Conservation of Nature (IUCN) and Zoological Survey of India (ZSI) are as Common Peafowl(*Pavo cristatus*), White backed vulture(*Pseudogyps bengalensis*), White scavenger vulture(*Nephron peronopterus*), Open billed stork (*Anastomus lencocephals*), Painted stork(*Mycturis*

lencocephals), Black ibis (*Pseudobis papillosa*), Spoon bill (*Platcha lencoeodia*), Paradise flycatcher (*Terpsiphone paradise*), Grey hornbill (*Tockus birostris*), Open billed stork (*Ariastomus oscitans*).

8. FOREST TYPE & SPECIES:

5B Northern tropical dry deciduous forest are found on plateau and Edaphic EI anogeissus pendula forest is found on hilly slopes and underlying grounds patches of a Bdaphic type B2 Boswellia forest.

The *Anogeissus pendula* forests are found all over the sanctuary. The main tree species are Dhok. (*Anogeissus pendula*) Khair (*Acacia catechu*), Ber (*Ziziphus mauritiana*), Kakon , Khirni (*Wrightia tinctoria*), Tendu (*Diospyrous melonoxylon*), Gurjan (*Lannea grandis*), Karaya (*Sterculia urens*), Jhinjha (*Banharia rasemosa*), Salar (*Boswellia serrata*), Kalan (*Mitragyna parviflora*), Dhawara (*Anongeissus latifolia*), Bel (*Aegle marmelos*) Anwla (*Embelica officinalis*).

9. STAFF POSITION:

S. NO.	Name of Post	Sanctioned Post	At Present
1	Range Officer	1	1
2	Forester	2	2
3	Assistant forester	3	3
4	Forest Guard	10	7
5	Work charge Employees	28	14
TOTAL		44	25

10. TRAINED WILDLIFE STAFF:-

The staff posted in the sanctuary is not specially trained in the wildlife management; however the staff personals are trained in basic knowledge of wildlife provided by the department during their induction training.

11. ENTRY FEE CHARGED: -

Since October 1999 the following entry fee is being charged from the visitors as per orders issued by state Govt,:-

S. No.	Particulars	Entry Fee (In Rs.)
A Individuals		
1-	Indian citizens	10.00
2-	Non Indian citizen	80.00
3-	Studets (Indian)	02.00
B. Vehicles (In addition to coulmmn 'A')		
1-	Bus	100.00
2-	Gypsy,Car,Jeep,Mini Bus	65.00
3-	Auto driven two wheelers	10.00
C. Camera Fee (For other than still cameras)		
1-	Movie 8 mm-16mm and vedio camera used by amateur photographers	200.00 Per day
2-	. Video camera and movie camera used by professional photographers	3,000.00 Per day
3-	Movie and video camera used for feature films	20,000 Per day

12. TOURISTS VISITED THE BASSI SANCTUARY DURING LAST YEARS ARE AS UNDER :-

Year	Tourists		
	Indian	Foreigner	Student
2002-03	Nil	Nil	Nil
2003-04	300	Nil	Nil
2004-05	317	16	3
2005-06	544	9	150
2006-07	731	2	87

13. FILM SHOOTING AND VEDIOGRAPHY DURING LAST FIVE YEARS :-

No Film shooting / documentary have been done during the last five years.

14. POSTAL ADDRESS :-

Range Forest Officer

Wild Life Sanctuary Bassi,

Distt. Chittorgarh (Raj.)

Ph. 01472-225529 (R),Mob. 9414152321

E- mal > karan_sirohi@yahoo.co.in

15. FUNDS PROVIDED UNDER STATE PLAN DURING THE LAST FIVE YEARS :-

Year	01-02	02-03	03-04	04-05	05-06	06-07
Amount (Rs. in Lacs.)	18.65	18.85	17.00	32.95	28.80	18.17

16. FUNDS PROVIDED UNDER OTHER SCHEMES FOR SANCTUARY:-

Year	01-02	02-03	03-04	04-05	05-06	06-07
Amount (Rs. in Lacs.)	12.48	1.00	23.34	Nil	Nil	16.457

17. STATUS OF SURVEY AND DEMARCATION OF BOUNDARIES:

All the blocks have been surveyed by Forest Settlement Officer. Boundaries have been demarcated at the time of settlement except Kalamagra Block.

18. NUMBER OF NATURAL/UNNATURAL DEATH INCLUDING POACHING/ACCIDENTAL DETAIL W.R.T. SCHEDULED ANIMALS REPORTED: -

Nil

19. FIRE INCIDENTS IN THE SANCTUARY: -

The Forest of the Sanctuary is prone to frequent forest fires, normally ground fires incidences occur during summer combated with the help of local people of Eco- Development Committees. Existing fire lines are maintained regularly as per availability of funds.

During 2005-2006 fire lines were maintained with overall expenditure of Rs. 0.70 lac.

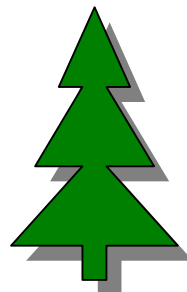
20. TYPES & NO. OF WEAPONS AND HOW THEY

PUT TO USE:-

S.No.	Name of weapon	Nos.
1.	12 Bore double barrel	1
2.	12 Bore Pump action	2

21. TYPES & NUMBER OF VEHICLES AND HOW THEY ARE PUT TO USE AND WHETHER PURCHASED FROM CENTRAL/STATE FUNDS:-

There are two Motor Cycles . Purchase from Central funds (A.P.O 2006-07). One motor cycle used by Range Forest Officer and other used by Forester in protection works.



22. NUMBER OF VARIOUS TYPES OF WIRELESS SET AND HOW THEY PUT TO USE:-

The Fixed sets and Mobile handsets are available to the staff for communication within wildlife sanctuary Bassi are as under-

S. No.	Place of use	Mobile set	Fixed set	Hand Set
1.	Range Officer & Naka Bassi	-	1	3
2.	Naka Parsoli	-	1	2
3.	Naka Aamalda	-	1	2
4.	Naka Bhichor	-	1	1

23. NUMBER OF BEATS /SECTIONS /RANGES :-

For the management of sanctuary the whole area has been divided in the following units: -

S. No.	Name of Range	No. of section	No. of Beats
1.	Range office Bassi	4	9
Total		4	9

24. HOW OFTEN THE VEHICLES ARE REQUISITIONED BY THE DISTRICT ADMINISTRATION:-

There is no requisition from district administration.

25. MAJOR PROBLEMS IN THE AREA:-

Grazing is the major problem of the sanctuary.

26. TENURE OF LAST 5 INCUMENTS /INCHARGES OF SANCTURY :-

S. No.	Name of officer	Rank	Duration
1.	Shivraj Puri	Range Forest Officer	22.9.2k to 6.10.04
2.	Lalit Singh Rathor	Range Forest Officer	7.10.04 to 22.7.05
3.	Shivraj Puri	Range Forest Officer	23.7.05 to 6.9.07
4	P.S.Akhawat	Forester Incharge	7.9.07 to 20.3.07
5	K. S. Rathore	Range Forest Officer	21.3.07 to till now

27. ANY OTHER RELEVANT INFORMATION:

1. Jharia Mahadev, Jogidev, Tukada Mata and Jaleshwar Mahadev are the places of worship situated in the sanctuary.
2. A number of cliffs exist in the sanctuary providing good habitat for wild animals. These cliffs are good breeding grounds for eagle.
3. Various types of birds and number of cranes are migrated in Orai dam during the season of March to June every year.
4. Two important perennial water points are present in Bassi namely Bassi dam & Orai dam. This has resulted into house of not only various types of birds but also migratory birds during winters. This also helps in housing the other wild animals.

STATUS OF PROTECTED AREA

WLS	Area	Date of Notification	Section under which notified	Settlement proceeding complete or not
Wild life Sanctuary Bassi	13869.06 Hect.	F11/41/Raj./8186 dt.28-8-1988	Wild life Protection Act 1972 Section-18	Completed

Types of the Area Under Sanctuary

S.N O.	Total Area	RF/PF/UC	Govt. land other than Forest land	Private Land	Water Bodies
01	13869.06 Hect.	RF 9719.28 Hect. PF 4149.78 Hect. Total 13869.06 Hect.	Nil	Nil	Bassi and Orai Dam Bojhra Dam and Ruparel dam

ANNEXURE –D

**DETAILS OF ITEM OF WORKS PROPOSED
FOR THE YEAR – 2007 - 08**

Item of work	Para of Management Plan which specifies this item	Quantity	Rate		Location	Site specific Justification
			Per unit	Total cost in Lac.		
1	2	3	4	5	6	7
A - PROTECTION SYSTEM						
(1) Demarcation of boundary pillars And their maintenance-	Chapter -12 Item no. A .1 Page- 107	100 no.	0.075	0.75	Block Amjharia & Nandwas	Preventive measures
(2) Creation of physical barriers (pacca wall)	Chapter -12 Item no. A .2 Page- 107	1 km.	10.00	10.00	Block Jaleshwar	Habitat improvement
(3) Purchase of wireless sets and Their maintenance- 3.2 Mobile hand sets – 3.3 Maintenance-	Chapter -12 Item no. A .3.2 & 3.3 Page- 107	1 no.	0.20 -	0.20 0.50	P.A.	Preventive measures
(4) Purchase of Motor vehicle- 5.1 Fuel & maintenance	Chapter -12 Item no. A . 6.3 Page- 107	-	-	0.75	P.A.	Preventive measures
(5) Fire line construction -	Chapter -12 Item no. A .7 Page- 107	20 km.	0.05	1.00	P.A.	Preventive measures
(7) Forest road Repair and Maintenance -	Chapter -12 Item no. A .9 Page- 107	10 km.	0.05	0.50	P.A.	Preventive measures
B - DEVELOPMENT OF INFRASTRUCTURE						
(1) Building construction 1.5 Forest Guard Choki cum checkpost	Chapter -12 Item no. B .1.4 Page- 108	1 no.	3.50	3.50	Nilia ki mal	Preventive measures

C – HABITAT MANAGEMENT						
(1) Closure construction - 1.1 New closure with SMC works 1.2 Maintenance of old closure	Chapter -12 Item no.C 1.1&1.2 Page- 109	100 hea. 50 hea.	6.00 2.00	6.00 2.00	Bichor & Amjharia	Habitat improvement & water and soil conservation
(2) Anicut Construction with DLT & maintenance of old anicuts – 2.1 New Const. 2.3 DLT works	Chapter -12 Item no.C 2.1 & 2.3 Page- 109	1 no. 4000 cum.	5.00 -	5.00 3.00	Amjharia	Habitat improvement & water and soil conservation
(3) Nadi Construction – 3.1 New 3.2 Maintenance of old nadi	Chapter -12 Item no.C 3.1 & 3.2 Page- 109	2 no. 2 no.	1.25 0.025	2.50 0.50	P.A.	Provided drink For animals & birds
(4) New water hole construction -	Chapter -12 Item no. C - 4 Page- 109	2 no.	0.75	1.50	P.A.	Provided drink For animals & birds
(5) Maintenance of old water hole -	Chapter -12 Item no. C - 5 Page- 109	2 no.	0.010	0.020	P.A.	Provided drink For animals & birds
(6) Deveploement of Re- location center Maintenance -	Chapter -12 Item no. C - 6 Page- 109	-	-	2.50	Block Jaleshwar	Maintain & improvement of habitat
D - ECO DEVELOPMENT						
(1) Community lift irrigation in villages-	Chapter -12 Item no. D - 2 Page- 110	1 no.	-	3.00		
(2) Human resources Development – 3.1 Nature education camp 3.2 Formar shiver 3.3 Participatory meetings 3.4 Madical Camp 3.5 Formation of E.D.C.(VFMC)	Chapter -12 Item no. D – 3.1 to 3.5 Page- 110	5 no. 4 no. 4 no. 4 no. 3 no.	0.20 0.05 0.05 0.10 0.04	1.00 0.20 0.20 0.40 0.12		

(4) Hand pump digging in villages	Chapter -12 Item no. D - 4 Page- 110	3 no.	0.50	1.50		
(5) Nala bunding and gully plugging	Chapter -12 Item no. D - 5 Page- 110	2 km.	1.00	2.00		
E - DEVELOPMENT OF ECO _ TOURISM AND INTERPRETATION						
(1) Development of Nature trails	Chapter -12 Item no. E – 3 Page- 111	7.5 km.	-	1.50		
(2) Printing of awareness material	Chapter -12 Item no. E – 4 Page- 111	-	-	0.10		
(3) Purchase of – 3.3 Camera Digital hand came	Chapter -12 Item no. E – 7.1,7.3 & 7.4 Page- 110	1 no.	-	0.30		
(4) New Construction of Watch Tower	Chapter -12 Item no. E – 8 Page- 110	1 no.	1.50	1.50		
	TOTAL			62.04		

Sanctuary Notification

राजस्थान सरकार
राजस्व (ग्रुप - ८) विभाग

क्रमांक : प ११ (४१)राज.- ८/८६

दिनांक : २६.८.८८

अधिसूचना

यतः राज्य सरकार को यह प्रतीत होता है कि इस संलग्न उपबन्ध में परिनिश्चित क्षेत्र का उसमें पाये जाने वाले वन्यजीवों के संरक्षण प्रसारण एवं उनके विकास पर्यावरण के प्रयोजनार्थ उसके पारिस्थितिक प्राणि जातिय , वनस्पति, भू-संरक्षण तथा प्राणि विकास सम्बन्धि सहयोजना और महत्व के कारण वन्य जीव अभयारण्य के रूप में गठित करने की आवश्यकता है ।

अतः वन्यजीव (संरक्षण) अधिनियम, १९७२, {१९७२ का केन्द्रिय अधिनियम संख्या ५३ की धारा १८ (१)} के अधीन प्रदत्ता शक्तियों के प्रयोग में राज्य सरकार निम्न अनुसूचि में वर्णित सीमाओं के अन्तर्गत आने वाली भूमि को अभयारण्य घोषित करती है । जिसे भविष्य में बस्सी अभयारण्य के नाम से जाना जावेगा।

-: अनुसूची :-

क्षेत्र नाम तहसील	जिला	सीमाएँ	विशेष विवरण
वन्यजीव अभयारण्य	वेगू	चित्तौड़गढ	उत्तर - ग्राम पारसोली, बिछोर, नाहरगढ, गणेशगंज, फतेहपुरा की सीमाओं में वन खण्ड बिछोर, बडामगरा, कोठा की उत्तारी सीमा।
		पूर्व -	ग्राम नाल, देवरीया, मूरोली, शिवपुरा, धश्यामपुरा, नंदवास, उमर का खाल, साथ बिछोर, नंदवास, आमझरिया वन खण्डों की सीमा।
		दक्षिण -	मध्यप्रदेश की सीमा से, ग्राम फुसरीया, केवडीया, सुरत सिंहजी का खेडा, भूगंडीया, वन खण्ड झालेश्वर, राजपुरीया, भूगंडीया की सीमा। राजपुरीया कम्पार्टमेंट ११ के बीच के सीमा भूगंडीया धाटी के नीचे बस्सी-बिजयपुर सडक की पुलीया नम्बर ८/१ ।
		पश्चिम -	बस्सी-बिजयपुर सडक की पुलिया नम्बर ८/१ से सडक ग्राम केलजर के पास वन खण्ड झालेश्वर की पश्चिमी सीमा। ग्राम सियालिया की सीमामें ब्लोक का मीनारा नं. ७/१ तथा वहा से बूंदी सडक वन खण्ड नीमधाटी के मीनारा नम्बर ५५ तक इससे आगे वन खण्ड नीमधाटी , नन्दवास बी.बडा मगरा, कोठा की सीमा । पारसोली फोरेस्ट नाके तक।

नोट:- उक्त सीमाओं के बीच पडने वाला
राजस्व क्षेत्र अभयारण्य में शामिल
नहीं रहेगा

राज्यपाल की आज्ञा से -

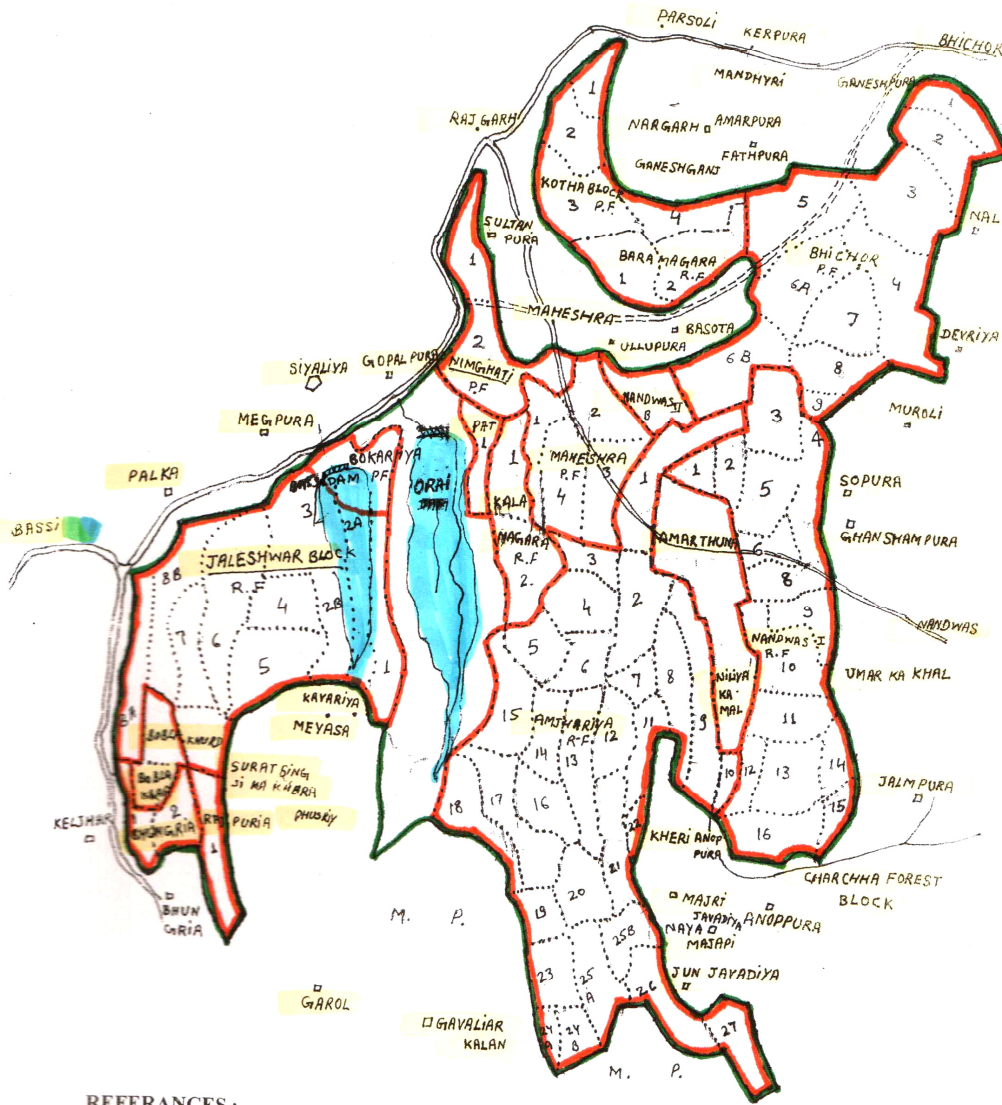
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(एस.एस.वर्मा)

उप शासन सचिव, राजस्थान

Map of Bassi Sanctuary

MAP OF WILD LIFE SANCTUARY, BASSI (CHITTORGARH)
 UNDER THE WILD LIFE (PROTECTION) ACT, 1972
 Forest (Sanctuary) area – 138.046 Sq. km.



REFERENCES :

1	Boundary of sanctuary	
2	Forest block boundary	
3	Compartment boundary	
4	Forester H.Q.	
5	Range H.Q.	
6	Road	

उप वन संरक्षक
 वन्यजीव, चित्तौड़गढ़