

Bengal florican
One day activity rhythm.

18/3/88 → 21/3/88.

5.50 a.m. stLA.
5.50 → 5.58 stLA / resting
5.58 NPI
5.58 - 6.01 stLA / Resting
6.02 - Foraged walked
6.03 - 6.19 stLA / resting
6.20 NFI
6.21 - 6.22 preening
6.23 - 6.36 stLA
6.37 - NFI
6.38 Display
6.39 - 6.40 NFI
6.40 - 6.42 NPI
6.42 - 6.48 Foraging
6.48 stLA
6.49 - 7.51 Foraging
7.52 display
7.53 - 8.00 stLA
8.00 NFI / stLA
8.01 - 8.21 Foraging
8.21 stLA / NFI
8.22 - 8.25 Foraging
8.25 - stLA NFI
8.26 - 8.28 stLA / NPI
8.28 foraging

8-29 - 8-30	stLA / MFI
8-32 - 8-36	Preening
8-36	Display
8-37 - 9-35	Foraging
9-25 - 10-22	Foraging
10-22 - 10-28	stLA
10-28 - 10-35	foraging
10-35	stLA
10-36 - 11-10	foraging
11-10 - 11-16	stLA
11-16 - 11-18	foraging
11-18 - 11-25	stLA
11-25 - 11-50	foraging
11-50 - 11-55	preening
11-55 - 11-57	stLA
11-57 - 12-03	preening
12-03	stLA
12-04 - 12-50	foraging
12-50 - 3-45 p.m.	n.o.
3-50 - 4-45	foraging
4-45 - 4-55	foraging
4-55 - 5-05	stLA
5-05 - 5-24	o.y.s
5-24	Display
5-25 - 5-27	stLA

5.27 - 5.30 foraging

5.30 - 5.32 stLA MFI

5.32 - Foraging

5.33 - 5.35 stLA MFI

5.35 preening

5.38 - 5.40 stLA MFI

5.40 Displayed

5.41 - 5.43 foraging

5.43 Displayed

5.44 - 6.14 foraging

6.14 - 6.19 stLA

6.19 - 6.29 foraging

6.29 - 6.38 stLA

6.34 - foraging

6.35 - 6.40 stLA MFI MFI

6.40 - 6.41 foraging

6.41 - 6.43 stLA

6.43 - 6.45 foraging.

sunrise 6 16

sunset 0609.

Loc	Date	For	Maint	Dist	040	Agg	MIS	C.D	NMI STCA	N1 STCA	F.DS	OKS +
Nav	14/3 E	21 3 14 14 10		1 1 1					2 3			
		62		3					5			70
Nav.	15/3 M	10 1 2 14	3 2		3		1		2 2	3 4		47
		27	5		3		1		4	7		47
Sat	16/3	2 7 29 8 1 1 13 11	17 1 1				9 1		1 3 4	3 1 7 1 9 1 8 10 3	1 1 1 2	
		72	19				10		8	48	82	154
Sat	16/3	15			105							

Loc.	Date	Foray	Maint.	Dist. 0-45	Agul. Mus	C.D.	NMI STCA	SELA NI	F.Ds Ex per.	Obs t
Sat	6/3 E	3 5 16 6		1 8 11	40 1		2 8 5			99
	<u>Tot</u>	30	0	1 11	40 2		15	0		99
Sat	7/3 M	3 1 7 3 15 15 3	6	1 5 14	5 1 1		3 5 8 3 1 8 5 4 3 3	1 1 1 1		
	<u>Tot</u>	47	6	1 19	5 3		38	4		123
Sat	11/3 M	7 8 9		3	1 1		1 1 1 2 1 6 2		1	
	<u>Tot</u>	24		3	2		14	5	1	49
Sat	11/3 E	8 35 15		8			1 3	7		
	<u>Tot</u>	58		8			4	7		77

1985

1986

Weeks of breeding season.
Bengal Florican

2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

March

Dates	Week
1 - 7	1
2 - 14	2
15 - 21	3

April

22 - 28	4
29 - 4	5
5 - 11	6
12 - 18	7
19 - 25	8
26 - 1	9

May

2 - 8	10
9 - 15	11
16 - 22	12
23 - 29	13

June

30 - 5	14
6 - 12	15
13 - 19	16
20 - 26	17
27 - 2	18
	19

Feb

22 - 28	-1
15 - 21	-2
20 -	
8 - 14	-3
1 - 7	-4



Bombay Natural History Society

HORNBILL HOUSE, (MUSEUM COMPOUND),
SHAHEED BHAGAT SINGH ROAD,
BOMBAY 400 023

24-26

Ref: 1552/85/

6th April 1985

Handwritten calculations:
33.24
15.18

48.52

24-26

100.00

24.26

75.74

66.66
84.82

151.48

2

75.74

Dear

As you are aware, the Bombay Natural History Society has an ongoing project on Endangered Species of Indian Fauna financed by the Fish & Wildlife Service of the USA and sponsored by the Wildlife Directorate of the Dept. of Environment, Government of India.

We have been working on the Great Indian Bustard since 1981. We have now started our studies on the Lesser and Bengal Floricans and have been working in the habitats of Lesser Florican in Madhya Pradesh along with surveys in Gujarat, Rajasthan, Andhra Pradesh and Karnataka.

The Bengal Florican has been reported in the terai belt in U P, Bihar, Bengal and Assam. Our field researchers, Dr. A R Rahmani, Galden & Usha Bhutia and Ravi Shankar, will be surveying the known Bengal Florican habitats in your state commencing from April-May. Any information or assistance you can provide to them in this regard will be highly appreciated. They will try contacting you in the course of their field survey and I look forward to receiving your help in this matter.

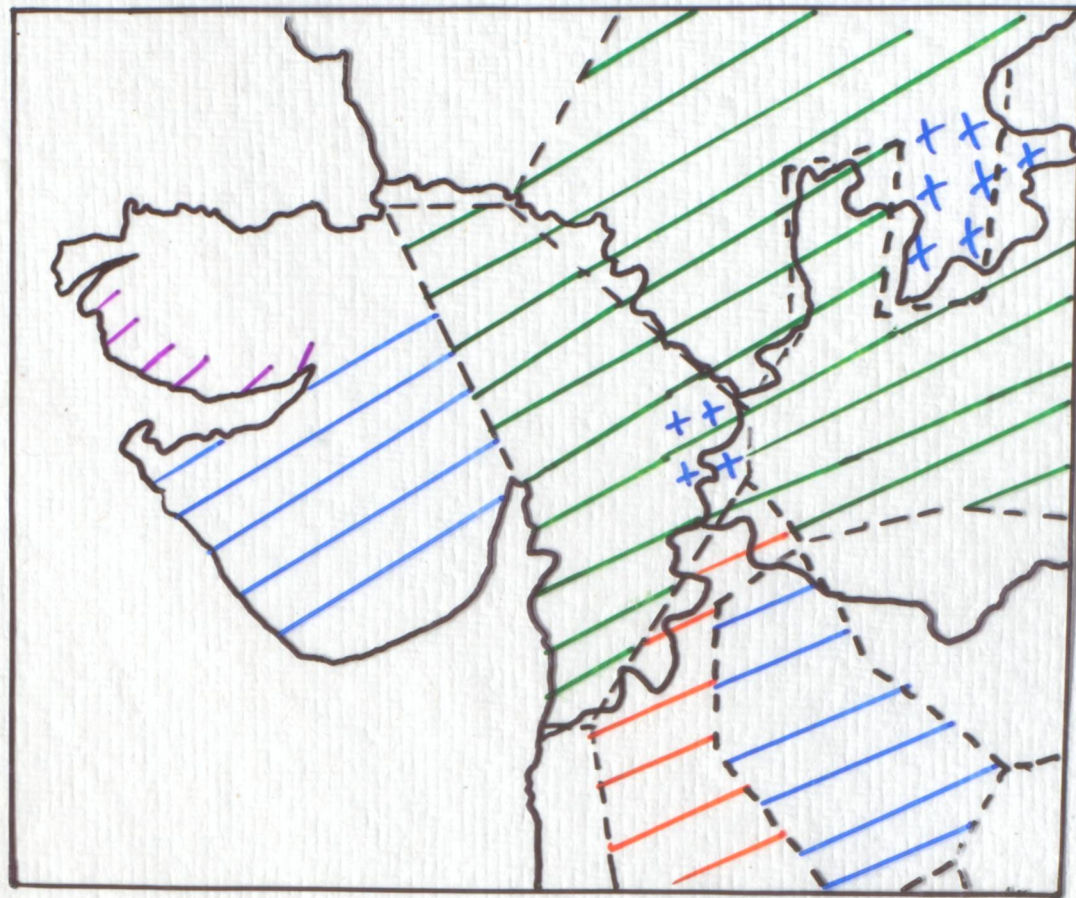
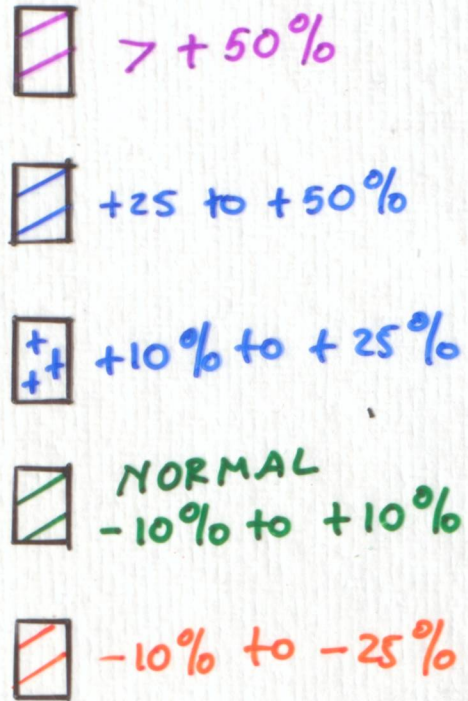
I am addressing this letter to you at the instance of Dr. Salim Ali who is the Principal Investigator for this project.

Yours faithfully,

J C Daniel
Curator

UB/sa.

THE MONSOON - 1988



Bengal florican
chronology of events.

1988

Navakhad	Kowhaghatti <u>Satiaha</u>	Chapra.
grass burn - 29/1	11/2	15/1
first sighting - 19/2	2/3	19/2
1st display 1/4	11/3	14 13
last display ?	?	?
1st Neck fluttering		?
1st Neck fluttering ?	7/3	?
19 sighted	4/3	

1989

Navakhad	Kowhaghatti	Chapra.
grass burn < 17/2	21/2	< 17/2
19 sighted	26/2 (salukopu)	3/3
1st sighted 13/3	11/3	11/3
1st display 13/3	11/4	11/3
1st neck fluttering 13/3	?	11/3
last display 18/6	26/6	15/6

M. ARCH 1989

Temp	Date										
	11/3	12/3	15/3	17/3	19/3	21/3	23/3	27/3	28/3	31/3	
8-9	-			0							
9-10	-										
10-11	-										
11-12	-			0							
12-13	-	1	4								
13-14	1	2	2		3	1				1	
14-15											
15-16	3	2	3	0	6	2	0,0				
16-17	3	2	1						1		
17-18				0	2	0	2		1	0	
18-19	4										
19-20		4	2		4	3					
20-21				1				4			
21-22	0					0	10	7			
22-23		0	0	0	1			6		1	
23-24	2	0		0	0		0			1	
24-25	0	2						0			
25-26	0	0	2		0		0	4			
26-27	0	0			0		0	5			
27-28	0	0	0	0			0	0			
28-29					0	1					
29-30					0	0	0	0			
30-31							0				
31-32						0					
32-33						0	0				

AN

	Display with 2-3rd	with p.c	with crow	Time	with seal	Display drive	Ext No flight	Ext Flight No. of checks	Date	Handled	Saturn
107		✓		5.1 5.1	✓	✓			22/4		✓
108		✓		5.5	✓	✓			22/4		✓
109	✓			5.5	✓	✓	5		22/4		✓
110		✓			✓	✓			22/4		✓
111		✓			✓	✓			22/4		✓
112		✓			✓	✓			22/4		✓
113		✓			✓	✓			22/4		✓
114		✓		6.2	✓	✓	6		22/4		✓
115		✓			✓	✓	5		22/4		✓
116		✓		6.1	✓	✓	6		22/4		✓
117	✓				✓	✓			28/4		✓
118	✓			5.8	✓	✓			28/4		✓
119	✓				X	✓			28/4		✓
120		✓		5.5	✓	✓			1/5		✓
121		✓		5.5	✓	✓	5		1/5		✓
122		✓		6	✓	✓	6		1/5		✓
123			✓	5.8	✓	✓	6		1/5		✓
124		✓		5.4	✓	✓	5		1/5		✓
125		✓		5.5	✓	✓	5		1/5		✓
126	✓			5.5	✓	✓	5		1/5 3/5	✓	✓
127	✓				X	✓			3/5	✓	
128	✓				✓	✓			3/5	✓	
129		✓		5.5	✓	✓	5		5/5	✓	
130	✓			5.5	✓	✓	5		3/5	✓	
131	✓	✓		5.5	✓	✓			3/5	✓	

22/4
↓
22/4

	Display with the set sound st.	with p.c.	with cross call	Time	Colours	Display drive	Ext. flight	Date	Navaid	Section
80		✓			✓	✓		17/4	✓	
81	✓			6.5	✓	✓		17/4	✓	
82	✓				X	✓		17/4	✓	
83	✓				✓	✓		17/4	✓	
84	✓				✓	✓		17/4	✓	
85		✓			X	✓		17/4	✓	
86	✓				X	✓	✓	17/4	✓	
87	✓			6	✓	✓		17/4	✓	
88		✓		7	✓	✓		17/4	✓	
89		✓		5.5	✓	✓		17/4	✓	
90	✓	✓			✓	✓		19/4		✓
91	✓				✓	✓		19/4		✓
92		✓			✓	✓		19/4		✓
93		✓		6	✓	✓		19/4		✓
94		✓			✓	✓		19/4		✓
95	✓				✓	✓		19/4		✓
96		✓		6.7	✓	✓		19/4		✓
97		✓		6.4	✓	✓		19/4		✓
98		✓			✓	✓		20/4	✓	
99		✓		6.4	✓	✓		20/4	✓	
100	✓			6	✓	✓		20/4	✓	
101	✓			7.6	✓	✓		20/4	✓	
102	✓			14.8	✓	✓	✓	20/4	✓	
103	✓			19	✓	X	✓	20/4	✓	
104	✓			18.5	✓	✓	✓	20/4	✓	
105	✓	✓			✓	✓		22/4		✓
106		✓		6	✓	✓		22/4		✓

Serial nos.	Display without soundst.	Display with p.c.	Display with crow	Time	win soul	D. dive	Ext. flight	Date	Awat.	Satriand
53	✓				✓	✓		7/4	✓	
54	✓				✓	✓		7/4	✓	
55	✓				✓	✓		7/4	✓	
56		✓			✓	✓		7/4	✓	
57	✓				✓	✓	✓	7/4	✓	
58		✓			✓	at X	✓	7/4	✓	
59	✓				✓	✓		8/4	✓	
60	✓				✓	✓		8/4	✓	
61	✓				X	✓	✓	8/4	✓	
62		✓			✓	✓		8/4	✓	
63	✓				✓	✓		8/4	✓	
64	✓				✓	✓		8/4	✓	
65	✓				✓	✓		8/4	✓	
66		✓	dark		✓	✓	✓	8/4		✓
67		✓			X	✓		8/4		✓
68	✓			5.8	✓	✓		8/4		✓
69	✓			6	✓	✓		8/4		✓
70	✓			6.5	✓	✓		8/4		✓
71		✓			✓	✓		8/4		✓
72			✓		✓	✓		8/4		✓
73	✓				✓	✓		8/4		✓
74		✓			✓	✓		8/4		✓
75		✓			✓	✓		8/4		✓
76		✓			✓	✓		8/4		✓
77		✓			✓	✓		13/4		✓
78		✓			✓	✓	✓	16/4	✓	
79		✓			✓	✓		17/4	✓	

Preface

Last year we brought out the 3rd Annual Report of the Endangered Species (Florican) Project, an exhaustive document on the status and ecology of the Bengal florican. It covered the studies conducted at Dudwa in 1987 and 1988, work done at Manas in 1986 and 1987, and the surveys done between 1986 and 1988. The present i.e. 4th Annual Report covers the studies done on the Bengal Florican (*Houbaropsis bengalensis*) between January 1988 to June 1989, and work done on the Lesser Florican (*Sypheotides indica*) in the monsoons of 1987 and 1988.

As most aspects of the biology of both the floricans have already been covered in our earlier annual reports they are not repeated here. The present report covers some of the highlights of our work done in 1988-89, new findings and the details of the time spent in various studies. It also includes a list of the papers and notes published, under preparation or sent for publication during the last one year.

Final analyses of the data are progressing and results will be given in the form of various papers. Brief notes on additional work done by the Project staff such as a study of the movement and decline of the Swamp Deer (*Cervus duvauceli duvauceli*) at Dudwa, herd composition of the Hog Deer (*Axis porcinus*), and nesting behaviour of the Pied Harrier (*Circus melanoleucos*) at Manas, status survey of the Blacknecked Stork (*Ephippiorhynchus asiaticus*) and the Greater Adjutant (*Leptoptilos dubius*) are also included.

Acknowledgements

We want to express our gratitude to the U.S. Fish and Wildlife Service which funded the Project vide Grant No. 14-16-0009-84-959 received through Department of Environment, Govt. of India and to the Forest Departments of Assam and Uttar Pradesh for giving us permission to work and providing facilities.

We wish to express our deep sense of gratitude to Mr S. Deb Roy, CCF(Wildlife), Assam, for his continued support and friendship he and his family extended to us. Others who were of

WJ

IV Territoriness.

A) lesser florican.

(i) size of territory

(ii) ~~Distance between ♂~~ Establishment of territories

(iii) Distance between males.

(iv) site fidelity / returning to old sites.

(v) Duration as Duration of territory possession.

In relation to natural pattern of grass ht. and

(vi) disturbance, Defence of territory

B) Bengal Florican.

(i) Size of territory.

(ii) Establishment of territories.

(iii) Distances between ♂.

(iv) site fidelity

(v) Duration of territory possession.

(vi) Movement patterns within territory.

(vii) Defence of territory.

1973
4200
582

6755

32
3.97
+ 40

000
15880

Papers (under preparation)

1. Herd size, herd composition and habitat utilization in Hog Deer (*Axis porcinus*).
By Lima Rosalind
2. Flock composition of the Indian Peafowl (*Pavo cristatus*).
By Lima Rosalind
3. Nesting behaviour of the Pied Harrier (*Circus melanoleucos*).
By Goutam Narayan and Lima Rosalind
4. Birds of Manas grasslands.
By Goutam Narayan and Lima Rosalind
5. Birds of some protected wildlife habitats in Assam.
By Goutam Narayan and Lima Rosalind
6. Flock composition in Red Junglefowl (*Gallus gallus*) in Dudwa National Park.
By Ravi Sankaran
7. Hog deer (*Axis porcinus*) at Dudwa National Park.
By Ravi Sankaran and Qamar Qureshi
8. Skull of Hispid Hare (*Caprolagus hispidus*) collected from Dudwa National Park.
By Ravi Sankaran and Manoj Muni
9. Status survey of the Greater Adjutant *Leptoptilos dubius* in India: Preliminary results.
By Asad R. Rahmani, Goutam Narayan and Lima Rosalind
Communicated to 'Colonial Waterbirds'

Theses (under preparation)

1. Ecology of the Bengal Florican *Houbaropsis bengalensis*.
by Goutam Narayan
- Ecology of the Lesser Florican *Sypheotides indica*.
by Ravi Sankaran

I

Introduction :-

1. A review on Buntards - general.
2. Review of Buntards in India -
3. Object About Project - objectives.

II Methods & Materials.

III study Areas → Habitats. & study Areas.

IV a) I D lesser florican.

Immigration & movement patterns in relationship to Rainfall.

a) Relation chronology. Pattern of Rainfall in each

Year 1985 - 1988 + (1989 & 1984) with number of birds seen weekly / daily.

~~b) Comparison of All 4 years using to see~~

b) No of birds seen at Sailana ⁱⁿ relation ~~to~~ Rainfall at Sailana and Rainfall in rest of western India.

~~c) No of birds seen dependently on time of Rainfall~~

c) movement pattern within grassland. Breed / BPC or crop.

~~d) establishment of territories.~~

d) Chronology of events.

2) ~~eg~~ Bengal florican.

a) Arrived pattern. ~~establishment of territories.~~

~~eg~~ ~~esta~~ in relation to grass burn (and perhaps to check temperatures & warming)

(VI) Plumage.

- A. Lesser florican.
- B. Bengal Florican.

VII Lesser florican Display

Lesser florican.

- A. Attraction display.
 - (i) Description.
 - (ii) Display pattern over season.
 - (iii) Rates of Display + Budget. + g. wt.
 - (iv) Influence of weather + temp_a on display rates.
 - (v) Sound production during display.
- B. Courtship display.
 - (i) description + distribution over breeding season.

BUDGET PROPOSAL STATEMENT II : Recurring Expenditure

i. SALARIES

Summary statement of salaries to all staff

	I Year	II Year	III Year	IV Year	V Year	Total for each Division
Research Divisions	827176.32	912763.68	1149594.36	1413149.52	1617351.40	5920035.28
Library & data bank	45320.28	46635.60	64404.48	66437.52	68465.64	291263.52
University Department	-	-	39424.20	132044.76	136655.40	308124.36
Conservation Education	28864.20	29464.20	62976.36	98671.20	101728.80	321704.76
Publications	45320.28	46635.60	47948.40	49266.12	84245.64	273416.04
Administration	676509.32	733120.20	992047.32	1114131.26	1225920.44	4741728.54
	1623190.40	1768619.28	2356395.12	2873700.38	3234367.32	11856272.50
+25% for medical benefits, LTC & Accident Insurance, etc	405797.60	442154.82	589098.78	718425.10	808591.83	
	2028988.00	2210774.10	2945493.90	3592125.48	4042959.15	
+14% (+9% Provident Fund +5% for DA increase)	284058.32	309508.38	412369.15	502097.57	566014.28	
Total	2313046.32	2520282.40	3357863.05	4095023.05	4608973.43	= 1,68,95,188.33

♂ ♂ Interaction Bengal Florican.

1989.

Date	location	time	Notes	T/F/AC	Dur ^{in min}	Remarks.
3/3/89	Chapra	0				3/3 every 4/3, 5/3 + 6/3 morning 20s continuously together at Chapra.
28/3/89	Naval	0726	2	AC	6	
		0732	2	T/AC	11	
9/4/89	Seetha	1708	2	F	3.5	id flew over territories ♂s no response.
24/4/89	Seetha	1712				
25/4/89	Seetha	1805	2	T	1.5	
14/5/89	Naval	0517 0517	2	AC	4	}
		0521	2	T	1.8	
		0522	2	AC	2	
26/4/89	Seetha	1631 50	2	T	17	} chased away and followed intruder.
		1649	2	AC	?	
20/5/89	Seetha	1733	3	AC	2	}
		1736	3	T	2	
		1737	2	AC	1	
		1738	2	T	2	
3/1/89	Kowha	1848	3	AC	2	}
		1850	2	T	4+13	
		1900	2	—	—	
5/6/89	Kowha	1608	2	T	3.	
11/6/89	Seetha	1911	3	AC	5	
12/6/89	Seetha	1917	3	AC	1	
13/6/89	Seetha	1700	3	T/AC	—	for over 1hr interaction of and on.
15/6/89	Kowha	1755	3	T/AC	12	
18/6/89	Naval	1822	2	AC		

7:10 a.m.
 2/3/59 / Chrysolophus
 first sighted on 1/3/59
 neck feathers long but
 not to full length.
 buff areas mottled with
 black.
 rest black



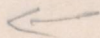
white = black



throat

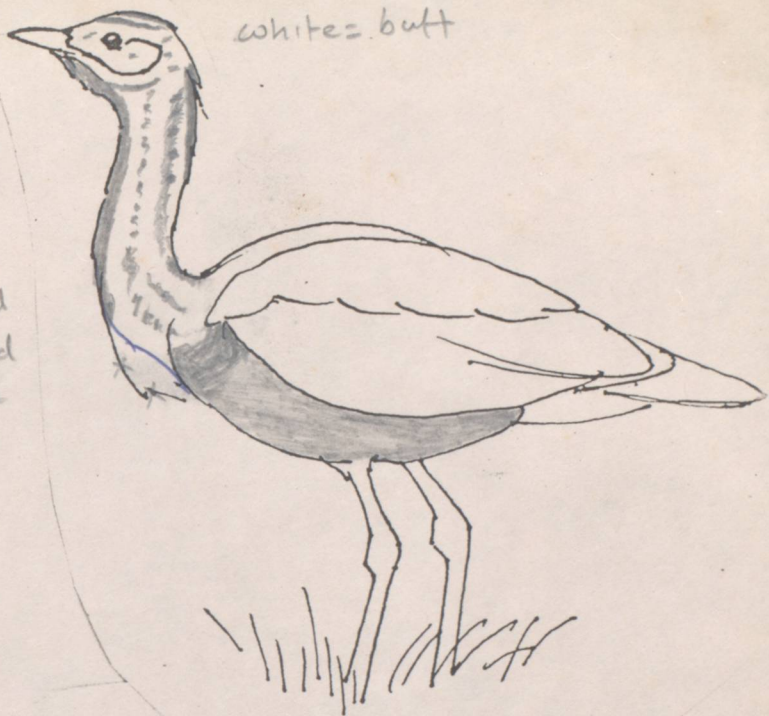


spine



chayra 3/3/89
evening

black only along
throat and spine
of neck and belly
a black stripe above
butt eyebrow, sides
of neck butt mottled
with black. A broad
butt rim between neck
and body. head butt
lightly spotted with
black. A black stripe
along jaw.



whites = butt

chayra 3/3/89
Evening.

butt on sides of
head, butt 'eyebrow'
and a streak along
crown this too
heavily mottled with
black. Rest in
complete breeding colour.
few long feathers from
back of head. In front
along throat feathers long
(eaten fluffed) but get
not full length



blue = butt

(same ♂ as 2/3/89)

6/3/89

Chapra

Considerably more
black on neck.
dependin on posture
appear to be black
or more buff.



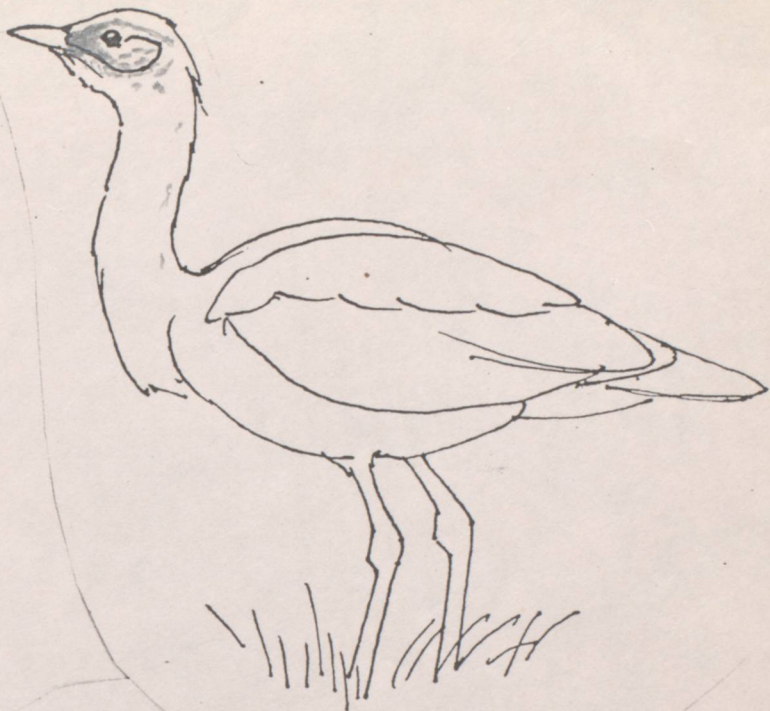
6/3/89

Chapra

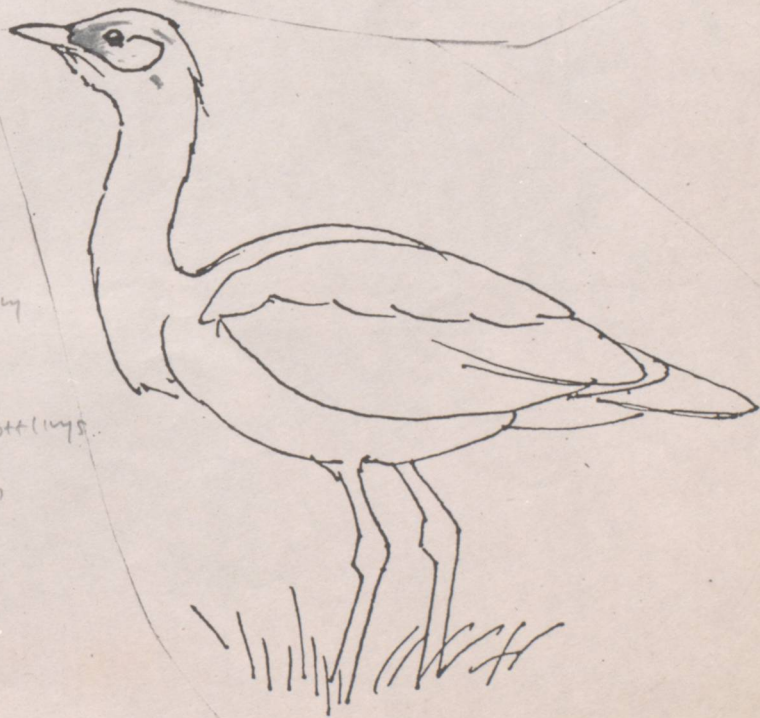
neck feathers
when fluffed
not fully grown.
only buff is on head.



9/3/89
Chopra
on face but
mottled on black.
Nech feather black
and considerably
longer.

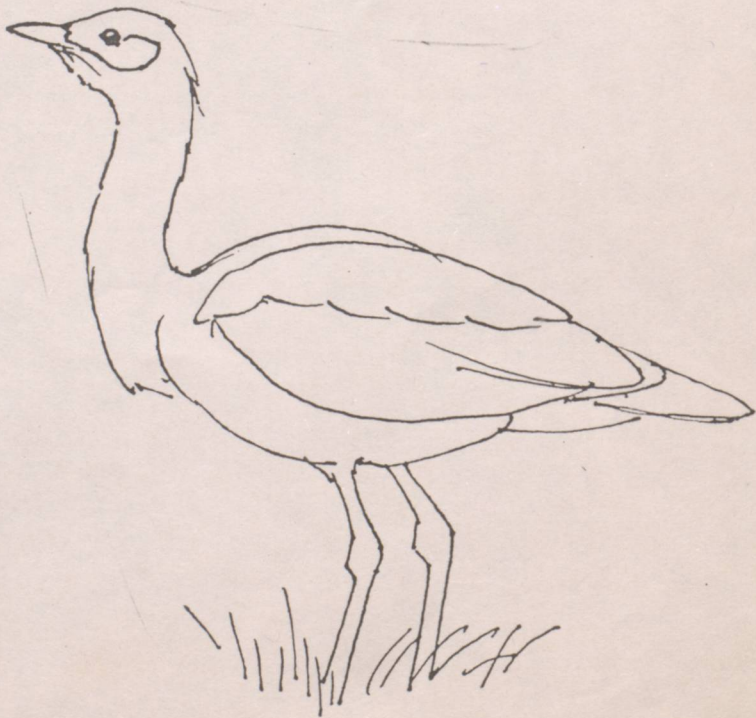
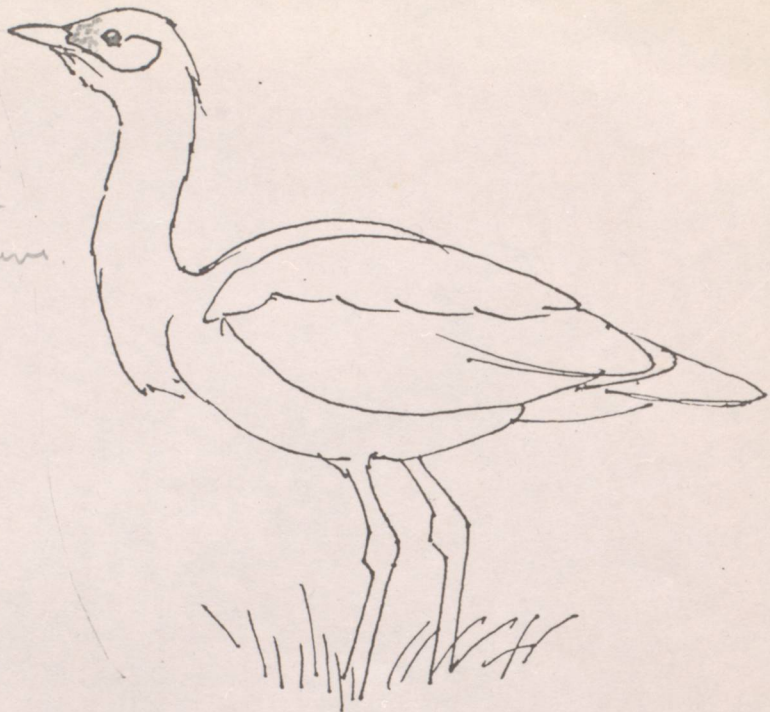


11/3/89
Chopra slight
eyebrow movement
on one side
butt streak (slight) along
ridge of head. little
butti between eye and
beak. few odd mottlings.
One side of face has
more butt than other



14/3/89

Chapra ♂
buff mottling between
eye and beak - rest
complete breeding colour.



from exact latitude

General

1) Date of being declared a National park.

2) Date of being declared tiger reserve.

3) Area of N.P. (core area)

4) Area of N.P. (incl. Buffer zone.)

5) Area under grassland.

6) Area under forest.

7) last official census.

a) Swamp deer.

b) tiger within the park

c) " outside the park.

8) lat. longitude.

9) Natural boundaries

10) official classification of forest type.

11) Years of plantation work.

12) Sheeshum Dalbergia seeshu

13) Teak.

14) Sheemul. Bombax seba.

Date	Plot	Time	SSTM	PI	FI	DIS	(MIN) DUR
030788	Sati	0656	wpc	N	Y	N	1
030788	Sati	0658	wpc	N	Y	N	1
030788	Sati	0707	w N	N	Y	N	1
031188	Sati	0720	wpc	N	Y	N	0.5
031188	Sati	0723	wpc	N	Y	N	2
031188	Sati	0725	N	Y	N	N	2.5
031188	Sati	0728	wpc	N	Y	N	1
031188	Sati	0729	N	Y	N	N	1
031188	Sati	0730	wpc	N	Y	N	1
031188	Sati	0730	N	Y	N	N	1
031188	Sati	0732	wpc	N	Y	N	1
031188	Sati	0733	N	Y	N	N	6
031188	Sati	1704	wpc	N Y	N	N	4
031188	Sati	0758	wpc	N	Y	N	2
031588	Nav	0655	N	Y	N	N	2
031588	Nav	0658	N	Y	N	N	3
031588	Nav	0703	wN	Y	N	N	1
031588	Nav	0705	wpc	N	Y	N	2
031588	Nav	0727	wpc	Y	N	Y	0.5
031688	Sati	0617	N	Y	N	Y	2
031688	Sati	0624	wpc	N	Y	N	2
031688	Sati	0630	N	Y	N	N	1
031688	Sati	0636	wpc	Y	N	N	2
031688	Sati	0638	wpc	N	Y	N	1
031688	Sati	0640	wpc	Y	N	N	1
031688	Sati	0641	wpc	N	Y	N	2 1
031688	Sati	0642	N	Y	N	N	2
031688	Sati	0715	N	Y	N	N	1
031688	Sati	0734	-	N	Y	N	4
031688	Sati	0740	-	Y	N	N	5
031688	Sati	0802	N	Y	N	N	1
031688	Sati	0805	N	Y	N	N	1
031688	Sati	0806	N	N	Y	N	1
031688	Sati	0811	N	N	Y	N	8
031688	Sati	0820	N	Y	N	N	6
031688	Sati	0827	N	N	Y	N	2

Date	Plot	Time	SSTM	PI	FI	DIS	DWR
032088	Sati	0730	wpc	N	Y	N	2
032088	Sati	0733	N	N	Y	N	1
032088	Sati	0738	N	N	Y	Y	3
032088	Sati	1743	wpc	N	Y	Y	1
032088	Sati	1815	N	Y	N	N	2.5
032088	Sati	1829	N	Y	N	N	5
032088	Sati	0835	wpc	N	Y	N	0.5
032088	Sati	0838	wpc	Y	N	N	3
032188	Sati	0601	wpc	Y	N	N	1
032188	Sati	0620	wpc	N	Y	Y	1
032188	Sati	0637	wpc	N	Y	Y	2
032188	Sati	0639	N	N	Y	N	1
032188	Sati	0640	N	Y	N	N	3
032188	Sati	0648	N	Y	N	N	2
032188	Sati	0753	N	Y	N	N	7
032188	Sati	0800	N	N	Y	N	1
032188	Sati	0821	N	N	Y	N	1
032188	Sati	0825	N	N	Y	N	1
032188	Sati	0826	N	Y	N	N	1
032188	Sati	0829	N	N	Y	N	2
032188	Sati	0831	N	Y	N	N	1
032188	Sati	0836	N	Y	N	Y	1
032388	Sati	0613	N	Y	N	N	7
032388	Sati	0701	N	N	Y	N	2
032388	Sati	0735	N	N	Y	Y	2
032388	Sati	0750	N	N	Y	N	2
032588	Naw	1711	N	Y	N	Y	1
032788	Sati	0621	N	Y	N	N	1
032788	Sati	0636	N	Y	N	N	1
032788	Sati	0640	N	Y	N	N	1
032788	Sati	0641	N	N	Y	N	1
032788	Sati	0647	N	Y	N	N	1
032788	Sati	0648	N	N	Y	N	1
032788	Sati	0649	N	Y	N	N	1
032788	Sati	0651	wpc	N	Y	Y	3
032788	Sati	0655	wpc	N	Y	N	1

Date	Plot	Time	SSTM	WPC	WCC	NI	DIS	DUR
7/3	Sati	0656	Y	Y	N	Y	N	1
7/3	Sati	0658	Y	Y	N	Y	N	0.5
7/3	Sati	0707	N	N	N	Y	N	1
11/3	Sati	0720	Y	Y	N	Y	N	0.5
11/3	Sati	0723	Y	Y	N	Y	N	3
11/3	Sati	0727	N	N	N	Y	N	1
11/3	Sati	0729	Y	Y	N	Y	N	4
11/3	Sati	1704	Y	Y	N	Y	N	4
11/3	Sati	0758	Y	Y	N	Y	N	4
14/93	Chopra	0656	Y	Y	N	Y	N	1
15/3	Hav	0655	N	N	N	Y	N	4

Date	Plot	Time	SSTM	PI	FI	DIS	DUR
032788	Sati	1733	WPC	N	Y	N	1
032788	Sati	1734	N	Y	N	N	1
032788	Sati	1735	N	N	Y	Y	1
032788	Sati	1741	N	N	Y	Y	1
032788	Sati	1746	N	N	Y	N	1
032788	Sati	1749	WPC	N	Y	Y	1.5
032788	Sati	1756	WPC	N	Y	Y	1
032088	Sati	1728	WPC	Y	N	N	1
032088	Sati	1732	WCC	N	Y	N	1
033088	Sati	1747	WPC	N	Y	Y	1
033088	Sati	1755	N	N	Y	Y	2
033088	Sati	1804	WPC	Y	N	N	1
033088	Sati	1805	N	N	Y	N	1
033088	Sati	1817	N	Y	N	N	3
033188	Sati	05 1857	WPC	N	Y	Y	1
033188	Sati	1858	N	Y	N	N	5
033188	Sati	0616	WPC	Y	N	Y	1
033188	Sati	0623	N	Y	N	N	1
033188	Sati	0657	N	Y	N	N	1
033188	Sati	6659	N	Y	N	N	1
033188	Sati	0712	N	Y	N	N	2
033188	Sati	0725	WPC	N	Y	N	2
033188	Sati	0725	WPC	Y	N	N	2

032788-033188

Date	Plot	Time	SST	PI	FI	DIS	DUR
033188	Sati	1754	N	N	Y	Y	1
033188	Sati	1758	wpc	N	Y	N	1
033188	Sati	1805	wpc	N	Y	Y	0.5
033188	Sati	1813	wpc	N	Y	Y	0.5
040188	Nav	1805	N	N	Y	Y	0.5
040188	Nav	1833	wpc	N	Y	N	1
040188	Nav	1835	wpc	N	Y	N	1
040288	Nav	0725	wpc	N	Y	N	1.5
040288	Nav	0730	wpc	N	Y	Y	1
040488	Sati	0606	wpc	Y	N	N	1
040488	Sati	0607	wpc	N	Y	Y	1
040488	Sati	0609	wpc	N	Y	N	0.5
040488	Sati	0701	N	Y	N	N	1
040488	Sati	0702	N	N	Y	N	2
040488	Sati	1706	N	N	Y	N	0.5
040488	Sati	1710	wpc	N	Y	Y	1
040488	Sati	1716	wpc	Y	N	N	1
040488	Sati	1720	N	N	Y	N	0.5
040488	Sati	1724	Y	N	Y	Y	1.5
040488	Sati	1732	N	Y	N	N	1.5
040488	Sati	1738	wpc	N	Y	Y	1
040488	Sati	1744	wpc	N	Y	Y	1
040488	Sati	1756	wpc	N	Y	Y	1
040788	Nav	0624	N	N	Y	Y	1
040788	Nav	0639	N	N	Y	Y	1
040788	Nav	0642	N	N	Y	Y	1
040788	Nav	0732	N	Y	N	N	2
040788	Nav	0737	N	N	Y	Y	2
040788	Nav	0849	N	N	Y	Y	1
040788	Nav	0617	N	N	Y	Y	1.5
040888	Satiam	0636	wpc	N	Y	N	2
040888	Sati	0701	N	Y	N	N	2
040888	Sati	0706	N	N	Y	Y	1
040888	Sati	0707	N	Y	N	N	1
040888	Sati	0712	N	Y	N	N	1.5
040888	Sati	0728	N	N	Y	Y	1

Date	Plot	Time	SSTM	WPC	WCC	PI	FI	DIS	DUR	St.Obs	EndObs
7/3/88	Satiava	0656	Y	Y	-	Y	Y	N	1	0625	0755
7/3/88	Satiava	0658	Y	Y	-	Y	N	1/2	#	#	
7/3/88	Satiava	0707	N	N	N	Y	N	1	#	0705.2	
11/3/88	Satiava	0720	Y	Y	N	Y	N	1/2	0645		
11/3/88	Satiava	0723	Y	Y	N	Y	N	3			

Date	Plot	Time	SSTM	WPC	WCC	PI	FI	DIS	DUR
040888	Sati	0749	WCC	N	Y	N	Y	1	
040888	Sati	0750	N	Y	N	Y	3.5		
040888	Sati	0756	N	N	Y	N	0.5		
040888	Sati	0758	N	N	Y	Y	0.2		
040888	Sati	1706	WPC	N	Y	N	0.5		
040888	Sati	1714	WPC	N	Y	Y	1		
040888	Sati	1744	WPC	N	Y	Y	0.5		
040888	Sati	1750	WCC	N	Y	Y	1		
040888	Sati	1756	N	Y	N	N	0.5		
040888	Sati	1802	N	N	Y	Y	1		
040888	Sati	1806	WPC	N	Y	N	0.5		
040888	Sati	1808	WPC	Y	N	N	0.5		
040888	Sati	1815	WPC	N	Y	N	1		
040888	Sati	1817	WPC	N	Y	Y	1		
040888	Sati	1824	WPC	N	Y	N	1		
040888	Sati	1827	WPC	Y	N	Y	1.5		
040888	Sati	1832	WPC	Y	N	Y	1.5		
041388	Sati	0609	WPC	N	Y	N	1		
041388	Sati	1752	WPC	N	Y	N	1		
041388	Sati	1815	WPC	N	Y	Y	1		
041788	Nav	0627	WPC	N	Y	Y	1		
041788	Nav	0631	WPC	N	Y	Y	1		
041788	Nav	0635	N	Y	N	Y	1		
041788	Nav	1710	N	N	Y	N	1		
041788	Nav	1820	N	N	Y	Y	1		
041788	Nav	1823	WPC	N	Y	Y	1		
041788	Nav	1824	WPC	N	Y	Y	1		

Date	Plot	Time	SST	PI	FI	DIS	DUR	
041988	Sati	0646	WPC	N	Y	Y	1	
041988	Sati	0654	N	N	Y	N	0.5	
041988	Sati	0700	WPC	N	Y	N	0.5	
041988	Sati	0722	N	Y	N	N	1	
041988	Sati	0746	WPC	N	Y	Y	1	
041988	Sati	0758	N	Y	N	N	1	
041988	Sati	0802	N	N	Y	N	2	
041988	Sati	0806	N	N	Y	Y	2	
041988	Sati	0808	WPC	Y	N	Y	1	
041988	Sati	0826	N	Y	N	N	2	
041988	Sati	1756	N	Y	N	Y	1	
041988	Sati	1801	WPC	N	Y	Y	1	
041988	Sati	1804	WPC	N	Y	Y	1	
041988	Sati	1814	N	N	Y	N	1	
041988	Sati	1835	N	Y	N	Y	1	
042088	Sati Naw	0553	WPC	N	Y	Y	0.5	
042088	Naw	0609	N	Y	N	N	2	
042088	Naw	1754	N	N	Y	Y	1	
042088	Naw	1758	N	Y	N	Y	1	
042088	Naw	1802	N	N	Y	Y	0.5	
042288	Sati	0530	N	Y	N	N	9	
042288	Sati	0539	WPC	N	Y	Y	1	
042288	Sati	6 06	N	N	Y	N	1	
042288	Sati	6 09	WPC	Y	N	N	7	
042288	Sati	6 15	WPC	N	Y	N	1	Tail cochl
042288	Sati	6 16	N	Y	N	N	16	
042288	Sati	6 43	N	Y	N	N	1	Tail cochl
042288	Sati	6 45	N	Y	N	N	2	Tail cochl
042288	Sati	6 47	N	N	Y	N	1	
042288	Sati	6 48	WPC	N	Y	Y	1	
042288	Sati	6 49	N	Y	N	N	14	T.C
042288	Sati	7 03	WPC	N	Y	Y	1	
042288	Sati	17 13	N	N	Y	N	0.5	
042288	Sati	1714	WPC	N	Y	Y	1	
042288	Sati	01720	N	Y	N	N	1	
042288	Sati	1723	N	N	Y	Y	2	
042288	Sati	1750	WPC	N	Y	Y	1	
042288	Sati	1757	WPC	N	Y	Y	0.5	
042288	Sati	1811	WPC	N	Y	Y	1.5	

Date	Plot	Time	SST	PI	FL	DI	DUR	T.C.
042288	Sati	1823	N	Y	N	N	1	
042288	Sati	1831	wpc	Y	N	N	0.5	
042288	Sati	1831	wcc	N	Y	N	0.5	
042288	Sati	1832	wpc	N	Y	Y	1	
042288	Sati	1834	^{wpc} wpc	N	Y	Y	1	
042288	Sati	1837	wpc	N	Y	N	0.5	
042288	Sati	1838	wpc	N	Y	Y	0.5	
042288	Sati	1844	wpc	N	Y	Y	0.5	
		0554						
042888	Sati	0549	N	Y	N	N	1	
042888	Sati	0554	N	Y	N	N	1	
042888	Sati	0610	wpc	Y	N	N	1	
042888	Sati	0627	N	Y	N	N	1	
042888	Sati	0652	wcc	N	Y	N	2	
042888	Sati	0708	wpc	Y	N	N	.5	
042888	Sati	1707	N	N	Y	Y	1	
042888	Sati	1727	N	N	Y	N	1	
042888	Sati	1731	N	Y	N	N	1	
042888	Sati	1732	N	N	Y	Y	2	
042888	Sati	1755	wpc	N	Y	N	1	
042888	Sati	1824	wpc	N	Y	N	1	
050188	Sati	0703	wpc	Y	N	N	.5	
050188	Sati	1701	wpc	N	Y	N	1	
050188	Sati	1703	wcc	N	Y	N	1	
050188	Sati	1726	wpc	N	Y	N	0.1	
050188	Sati	1729	wpc	N	Y	Y	2	
050188	Sati	1742	wpc	N	Y	Y	1	
050188	Sati	1748	wpc	N	Y	Y	1	
050188	Sati	1809	wpc	Y	N	N	1	
050188	Sati	1821	wpc	N	Y	N	1	
050188	Sati	1828	wpc	N	Y	N	0.5	
050188	Sati	1829	wcc	N	Y	Y	1	
050188	Sati	1838	wpc	N	Y	Y	1	
050188	Sati	1843	wpc	N	Y	Y	1	

Date	Plot	Time	SST	PI	FI	DW	DUR
050388	Nav	0530	wpc	N	Y	N	1
050388	Nav	0540	wpc	Y	N	N	0.5
050388	Nav	0541	N	N	Y	N	1
050388	Nav	0544	N	N	Y	N	1.2
050388	Nav	0557	N	Y	N	N	1.5
050388	Nav	0559	N	Y	N	N	2
050388	Nav	0604	wpc	N	Y	N	1
050388	Nav	0609	wpc	N	Y	N	0.5
050388	Nav	0610	N	N	Y	Y	1 1.800
050388	Nav	0652	wpc	N	Y	Y	1
050388	Nav	0701	wpc	N	Y	N	0.5
		1738	wcc	N	Y	N	2
050388	Nav	1741	N	N	Y	N	1.5
		1743	N	N	Y	Y	0.5
050388	Nav	1744	N	Y	N	N	1
		1752	N	N	Y	N	1
050388	Nav	1753	wcc	N	Y	Y	1
	N	1803	N	N	Y	N	1
050388	Nav	1809	N	N	Y	N	1
		1812	N	N	N	N	1
050388	Nav	1814	wpc	Y	N	Y	1
		1817	N	N	Y	N	6
050388	Nav	1831	N	N	Y	Y	1
		1835	wpc	N	Y	Y	1
050388	Nav	1838	wpc	N	Y	N	0.5
		1840	wpc	Y	N	N	1
050388	Nav	1842	N	N	Y	Y	4
050388	Nav	1847	N	Y	N	N	0.5
050788	Sati	1806 17	wpc	N	Y	N	1
050788	Sati	0620	wpc	N	Y	Y	1
050788	Sati	1652	N	N	Y	N	1
050788	Sati	1655	N	N	Y	Y	0.5
050788	Sati	1719	N	N	Y	N	1

Date	Plot	Time	SST	PI	FI	DIJ	DUR
050888	Sab	0528	wpc	Y	N	N	4
051188	Sati	0534	wpc	N	Y	Y	1
		0537	wpc	N	Y	N	1
		0544	N	Y	N	N	6
		0550	N	N	Y	Y	1
		0559 0600	N	Y	N	N	1
		0600	wpc	Y	N	N	3
		0604	wpc	N	Y	Y	0.5
		0607	wcc	N	Y	N	1
		0608	N	Y	N	N	1
		0609	wpc	N	Y	N	1
		0610	N	Y	N	N	1
		0613	N	Y	N	N	1
		0613	wcc	N	Y	Y	1
		0619	wpc	N	Y	N	0.5
		0623	N	Y	N	N	0.5
		0626	N	Y	N	N	1
		0633	N	Y	N	N	0.5 3.5
		0639	wcc	N	Y	N	1
		0639	N	Y	N	N	1
		0641	wpc	N	Y	N	1
		0643	N	Y	N	N	2
		0648	N	Y	N	N	2
		0650	wpc	N	Y	N	1
		0651	N	Y	N	N	2
		0653	wpc	N	Y	N	0.5
		0654	N	Y	N	N	2
		0657	N	N	Y	Y	1
		0658	N	Y	N	N	1
		0700	wpc	N	Y	Y	1
		1711	wpc	N	Y	N	1
		1716	N	N	Y	Y	1
		1733	wpc	N	Y	N	1
		1734	wcc	N	Y	N	1

Date	Plot	Time	SST	PI	FI	DU	DUR	T.C
051888	Sati	0647	N	Y	N	N	1	Y
		0653	wpc	N	Y	N	#1	
		0656	N	Y	N	N	0.5	
		0657	N	N	Y	Y	1	
		0716	N	Y	N	N	2	
		0723	wpc	N	Y	N	0.5	
		0728	wcc	N	Y	N	0.5	
		0734	wpc	Y	N	N	0.5	
		0736	wpc	N	Y	N	1	
		0742	N	N	Y	N	0.5	
		0746	wpc	N	Y	Y	0.5	
		0756	wpc	N	Y	Y	1	
		0807	wpc	N	Y	Y	1	
		0811	N	N	Y	N	1	
		0812	hwpc	N	Y	N	0.5	
		0813	N	Y	N	N	1	
		0814	wpc	N	Y	Y	2	
		0822	wcc	N	Y	N	0.5	
		0826	wpc	N	Y	N	0.5	
		0828	wcc	N	Y	N	1	
		0830	wcc	N	Y	N	1	
		0831	wcc	N	Y	Y	1.0 1.25	
		1657	wcc	N	Y	N	1	
		1658	wpc	N	Y	N	1	
		1706	wcc	N	Y	N	0.5	
		1720	wpc	N	Y	N	0.5	
		1722	N	Y	N	N	0.5	
		1728	wpc	Y	N	N	0.5	
		1735	N	N	Y	N	2.5	
		1739	wcc	N	Y	N	1	
		1740	wcc	Y	N	N	0.5	
		1742	N	N	Y	N	0.5	
		1746	N	Y	N	Y	1	

Date	Pbt	Time	SST	PI	FI	DU	DUR	T-C
05188	Sati	1839	N	N	Y	Y	1	
		1844	N	Y	N	N	1	
		1845	N	N	Y	N	0.5	
051888	Sati	1850	N	N	Y	N	0.5	
052088	Now	1727	N	Y	N	N	0.5	
		1759	WCC	N	Y	Y	1	
052088	Now	1858	WPC	N	Y	Y	1	
	Sati	052388						
052388	Sati	0522	WPC	Y	N	N	0.5	
		0524	N	Y	N	N	0.5	
		0530	N	Y	N	N	1	
		0535	WCC	N	Y	N	1	
		0538	WPC	N	Y	N	1	
		0540	WPC	N	Y	Y	1	
		0541	N	Y	N	N	1	
		0545	N	Y	N	N	1	
		0549	N	Y	N	N	1	
		0552	WPC	Y	N	N	1 1.9	Y
		0613	WPC	N	Y	N	1	
		0614	N	Y	N	N	6	Y
		0620	WPC	N	Y	N	0.5	
		0621	N	Y	N	N	11	Y
		0642	N	Y	N	N	3	
		0646	WPC	N	Y	N	1	
		0647	N	Y	N	N	1.5	
		1736	N	N	Y	N	1.5	
		1738	N	Y	N	N	1	
		1739	WPC	N	Y	Y	1	
		1747	WCC	N	Y	N	0.5	
		1758	N	N	Y	Y	0.5	
		1816	N	N	Y	N	1	
		1819	N	N	Y	Y	1	
		1828	WPC	N	Y	N	0.5	
		1836	WPC	N	Y	N	0.5	
		1838	WPC	N	Y	N	0.5	

Date	Plot Time	Time Plot	BST	PI	FI	DU	DUR	T.C.
052388	sati	01846	N	N	Y	N	1.5	
		1851	N	Y	N	N	.5	
052388	sati	1852	N	N	Y	Y	1.5	
052488	Haw	0651	WPC	N	Y	Y	1	
		1720	DIS DIS	N	Y	N	1	
		1822	N	N	Y	N	0.5	
052488	Haw	1827	WCC	N	Y	Y	1	
052888	sati	0521	WPC	N	Y	N	0.5	
		0531	WPC	Y	N	N	0.5	
		05 40 39	WPC WCC	Y	N	N	0.5	
		0539	WPC	N	Y	N	0.5	
		0540	WPC	N	Y	N	0.5	
		0549	WCC	N	Y	N	1	
		0556	N	N	Y	N	1.5	
		0558	WPC	N	Y	Y	1	
		0602	WPC	N	Y	N	0.5	
		1756	WCC	N	Y	N	0.5	
		1811	WPC	N	Y	N	1.5	
		1827	N	N	Y	N	.5	
		1834	N	N	Y	N	1	
		1837	N	N	Y	N	.5	
		1841	N	N	Y	Y	1	
		1845	N WPC	N	Y	Y	.5	
		1848	WPC	Y	N	N	.5	
		1851	N	N Y	N N	N	.5	
		1853	WPC	N	Y	N	1	
		1854	WPC	N	Y	N	.5	
		1857	WPC	N	Y	BY	1	
		1901	WPC	N	Y	N	.5	
		1902	WPC	N	Y	N	.5	
		1905	WPC	N	Y	N	.5	
052888	sati	1907	WPC	N	Y	N	1	
052988	Hawal	1757 1757	WCC	N	Y	N	1	
		1759	WPC	N	Y	N	0.5	
		1811	WCC	N	Y	Y	1	

Date	Plot	Time	SST	PI	FI	DIS	DUR	T-C	
052988	Hau	1831	wcc	N	Y	Y	0.5		
		1901	w N	N	Y	N	1		
		1913	wpc	N	Y	N	.5		
060288	Sati	0521	wpc	N	Y	N	.5		
		0522	wbcc	N	Y	Y	1		
		0526	w N	Y	N	N	3		
		0533	wpc	Y	N	N	2		
		0538	wpc	N	Y	N	0.5		
		0539	wpc	N	Y	Y	1		
		0540	N	Y	N	N	1		
		0547	N	Y	N	N	23	Y	
		06 1818	wpc	Y	N	N	1		
		06 1834	wpc	N	Y	N	0.5		
		06 1836	wpc	N	Y	Y	1		
		06 1846	N	Y	N	N	24	Y	
		0650	wpc	N	Y	N	0.5		
		0651	N	Y	N	N	4	Y	
		0712	N	Y	N	N	1		
		0718	N	N	Y	N	1		
		0719	N	Y	N	N	1		
		1257							
		1715	N	N	Y	N	0.5		
1809	N	N	Y	N	1.5				
1811	w pc	N	Y	Y	0.5				
1844	wcc	N	Y	Y	1				
1857	wpc	N	Y	Y	0.5				
1905	wpc	N	Y	N	0.5				
1906	wpc	N	Y	N	0.5				
0606	Sati	0648	N	Y	N	N	0.5		
		0700	N	Y	N	N	0.5 1		
		0703	wpc	N	Y	N	0.5		
		0704	N	Y	N	N	0.5		
		07 47	N	Y	N	N	1		
		07 48	N	N	Y	N	0.5		
07 51	N	Y	N	N	0.5				

Date	Plot	Time	SST	PI	FI	DIO	DUR	T.C
		SST	PI	FI	DIO	DUR	T.C	
060688	Sati	1755	WCC	N	Y	N	0.5	
		1804	WPC	N	Y	Y	1	
		1813	WPC	N	Y	Y	0.5	
		1825	WPC	Y	N	N	0.5	
		1826	N	Y	N	N	0.5	
060688	Sati	1827	WCC	N	Y	Y	1	
060788	Naw	1910	N	N	Y	N	1	
		1912	N	N	Y	N	0.5	
061088	Sati	1844	WPC	Y	N	N	0.5	
		1845	WPC	Y	N	N	0.5	
		1850	WPC	N	Y	Y	0.5	
		1903	WPC	N	Y	Y	0.5	
		1912	WPC	N	Y	Y	0.5	
061288	Sati Naw	1849	WPC	N	Y	Y	1	
		1907	WPC	N	Y	Y	1	
061588	Sati	0503	WPC	Y	N	N	0.5	
		1913	WPC	Y	N	N	0.5	
		1914	WPC	Y	N	N	0.5	
		1922	WPC	N	Y	N	0.5	

Time lapse
range.

Time lapse between 3 & B.F. displays.

M.

0	7
01-30	7
31-100	6
101-130	10
131-200	5
201-230	4
231-300	6
301-330	6
331-400	3
401-430	7
431-500	1
501-530	6
531-500	3
601-630	3
631-700	1
701-730	4
731-800	1
801-830	4
831-900	1
901-930	3
931-1000	0
1001-1030	0
1031-1100	1
1101-1130	0
1131-1200	0
1201-1230	3
1231-1300	1
1301-1330	1
1331-1400	1
1431-1500	1
1531-1600	2
1730-1800	1
1830-1900	1
2000-2030	1
3101-3130	1
3700-3730	1

11/2/88

Satiana	-	219	$(215.6) \div 20$	= 24
Navalhal east	-	11	$(220.5) \div 20$	= 20
Navalhal west	-	2.8	$(56) \div 20$	= 20
Chapra	-	8.3	$(1666 \div 20)$	

8/2/88

Satiana		$342.5 \div 20$	= 17	(scribble)
Navalhal E		$350.1 \div 20$	= 17.5	✓
Navalhal W		$211.6 \div 20$	= 10	✓
Chapra		$254.8 \div 20$	= 12.74	✓

311.6

15/2/88

Satiana		393.5	= 19.67	
Navalhal E		465.2	= 23	✓
Navalhal W		$251 \div 20$	= 12.5	(scribble)
Chapra		$216.2 \div 20$	= 17.3	

(Rain (68))

22/2/88

Satiana		463.5	= 23.17	
N.E		580.9	= 29	
N.W		$311.6 \div 20$	= 15.58	✓
Chapra		392.7	= 19.6	

2/3

Satiana		506.6	= 25.33	
N.E		526.2	= 26.31	
N.W		456	= 22.8	
Chapra		526.2		✓

7/3

Satiana	-	602.2	= 30.11	
N.E	-	562	= 28.1	
N.W	-	562	= 28.1	
Chapra	-	547	= 27.35	

Rain (33mm)

AREA OF GRASSLAND FOR 3 MALES IN DUDWA NATIONAL PARK

KOWHAGHATTI GRASSLAND AREA = 62.6688

CHAPRA GRASSLAND AREA = 120.285

NAVALKHAD GRASSLAND AREA = 85.054

4.494 chapra = 37%
7.003 Mawal = 8.23%
6.611 Kowha = 10.59

BENEFICIAL FLORICAN AGONOSTIC INTERACTIONS
 MEAN OF THIRDS

1ST*2ND

KRUSKAL-WALLIS ONE-WAY ANALYSIS OF VARIANCE FOR 12 CASES
 DEPENDENT VARIABLE IS FS
 GROUPING VARIABLE IS GR

GROUP	COUNT	RANK SUM
1.000	6	30.500
2.000	6	47.500

MANN-WHITNEY U TEST STATISTIC = 9.500
 PROBABILITY IS 0.162
 CHI-SQUARE APPROXIMATION = 1.955 WITH 1 DF

1ST*3RD

KRUSKAL-WALLIS ONE-WAY ANALYSIS OF VARIANCE FOR 12 CASES
 DEPENDENT VARIABLE IS FT
 GROUPING VARIABLE IS GR

GROUP	COUNT	RANK SUM
1.000	6	37.000
2.000	6	41.000

MANN-WHITNEY U TEST STATISTIC = 16.000
 PROBABILITY IS 0.741
 CHI-SQUARE APPROXIMATION = 0.109 WITH 1 DF

2ND*3RD

KRUSKAL-WALLIS ONE-WAY ANALYSIS OF VARIANCE FOR 12 CASES
 DEPENDENT VARIABLE IS ST
 GROUPING VARIABLE IS GR

GROUP	COUNT	RANK SUM
1.000	6	44.000
2.000	6	34.000

MANN-WHITNEY U TEST STATISTIC = 23.000
 PROBABILITY IS 0.403
 CHI-SQUARE APPROXIMATION = 0.700 WITH 1 DF

OVERALL

KRUSKAL-WALLIS ONE-WAY ANALYSIS OF VARIANCE FOR 18 CASES
 DEPENDENT VARIABLE IS NOS(1)
 GROUPING VARIABLE IS GR

GROUP	COUNT	RANK SUM
1.000	6	46.500
2.000	6	70.500
3.000	6	54.000

KRUSKAL-WALLIS TEST STATISTIC = 1.877
 PROBABILITY IS 0.391 ASSUMING CHI-SQUARE DISTRIBUTION WITH 2 DF

Week

1989

Av. Max.

Av. Min.

Rain.

21/2 - 27/2

22.3

3.8

28/2 - 6/3

27.2

4.8

7/3 - 13/3

29.5

44.9.8

14/3 - 20/3

30.3

11.3

21/3 - 27/3

32.3

11.1

8.5

28/3 - 3/4

30

11.2

6.5

4/4 - 10/4

32.3

8.6

6.1

11/4 - 17/4

36.7

12.9

18/4 - 24/4

39

13.4

25/5 - 1/5

38

1.3

2/5 - 8/5

~~42~~

-

9/5 - 15/5

42

21.3

5.2

16/5 - 22/5

42

2.4

23/5 - 29/5

38.7

22.7

3.9

30/5 - 5/6

35.6

2.1

66.5

6/6 - 12/6

35.4

21.4

19.9

13/6 - 19/6

34.4

23.4

41.5

20/6 - 26/6

31.8

2.2

2.11

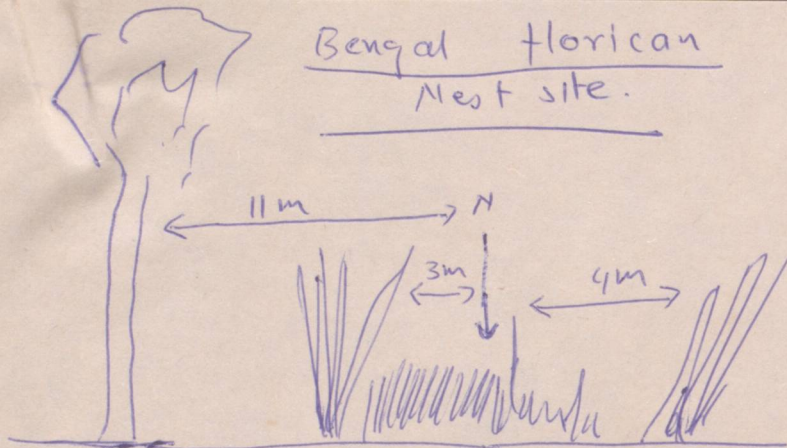
27/6 - 3/7

33.4

23.3

85.7

Bengal florican
Nest site.



25/4

ght at Nest. = 103 cm

3m clump of g = 187

4m clump of g = 166

Date	Time	Duration of display
9/3/89	0714	9s
19/3/89	065145	6.5s
23/3/89	071845	14s
"	073005	6s
27/3/89	061635	6s
"	081745	7.5s
"	083210	7.5s
"	175130	5.7s
03/4/89	0615	6s
6/4/89	061046	6.4
10/4/89		
3/4/89	072720	6.5
11/4/89	182200	5.5
22/4/89	084025	7
28/4/89	070950	34
14/5/89	183752	11

sure.

May

April

March

05

Bengal Horican.
Time lapse Peacock calls.

BENGAL FLORICAN AGONOSTIC INTERACTIONS
OVERALL UNIFORMITY

KOLMOGOROV-SMIRNOV ONE SAMPLE TEST USING STANDARD NORMAL DISTRIBUTION

VARIABLE	N-OF-CASES	MAXDIF	LILLIEFORS	PROBABILITY (2-TAIL)
NOS(1)	18.000	0.240		0.007

DIFFERENCES IN UNIFORMITY BETWEEN THIRDS OF SEASON WEEKS

KOLMOGOROV-SMIRNOV TWO SAMPLE TEST RESULTS

MAXIMUM DIFFERENCES FOR PAIRS OF VARIABLES

	X	Y	Z
X	0.000		
Y	0.500	0.000	
Z	0.167	0.333	0.000

TWO-SIDED PROBABILITIES

	X	Y	Z
X	1.000		
Y	0.333	1.000	
Z	1.000	0.778	1.000

Bengal Florican Dudhwa N.P.

1988

23/1 → 18/2 Florican not sighted

8/2/88 at Navakhad east saw a bird - just a flash of white fly across the Road. Couldnt be sure but possibly florican.

In this period walked atleast 10 times in the florican phantas - 4-5 ~~at various~~ times extensively combed Navakhad but didnt see floricans or find droppings.

19/2 : 4:00pm. First ♂ florican sighted. Foraging close to Rd at Chapra. when jeep came close hurried away inside - flew a few metres. was soon lost to the eye amidst the stalk.

Neck was not fluffed and appeared slender with the feathers lying against the neck. No sign of pouch. Possibly a little buff on head - though couldnt be certain. Otherwise in complete breeding plumage.

c. 5:15 pm. After walking extensively in Navakhad flushed a ♂ from the ba trees between east territory and the rd. Flew deeping loudly and while ~~was~~ may have landed in grass seemed to continue flying in direction of Chapra.

Neck appeared more fluffed up than 1st ♂. Second also seemed to be an older bird as it looked larger.

20/2/88 tried flushing floricans at Navakhad and ~~at~~ Chapra no luck.

21/2 - 25/2 No floricans seen

tried flushing on 3 occasions

spent time at ~~the~~ all 3 florican phantas no activity.

27/2

5.05 pm. 1 ♂ florican flew into Navakkhad from the Direction of R.H / Chapra. landed adjacent to road near west territory.

5.07 walking.

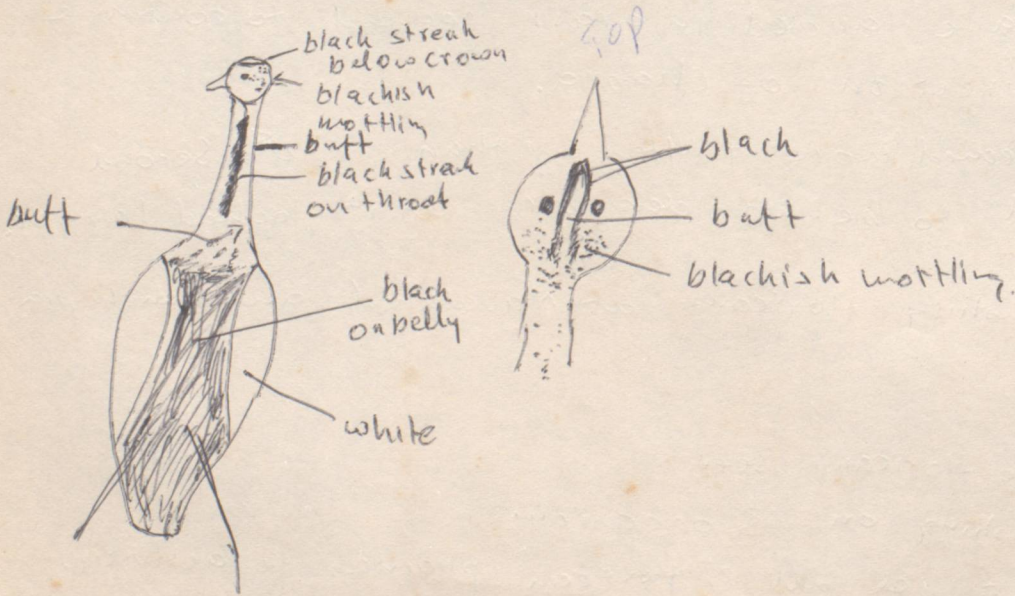
5.10 STCA

♂ an immature probably last year's chick. sides of head ~~black~~ chin buff. Neck mostly buff. Black streak running down the throat from just below the chin and ending a little above the breast. Breast ^{an even} buff/brown belly black, upto a line roughly from the fold of the wings. Breast st slightly mottled with black where ~~the~~ buff meets the black of belly. Wings white. On crown ^{two} dark lines with a distinct buff streak in the middle becoming a bit 'jagged' at the hind of head. spreading into black specks at the back of head and ~~are~~ along sides ~~behind~~ beyond the eye. Very sparse black mottling on hind of neck.

Mantle similar to adult ♂.

Eyes black / brown / dark

Black streak along throat comprised of longer feathers distinctly visible in profile, as against buff feathers which stick to the neck.



(3)

5.23: still STCA

Standing c. 40-50 mts from stand of trees and tall grass. standing in short grass not more than 25cm tall.

5.31 Car passed no reaction. Still STCA

5.40 Still STCA. Appears a very wary.

5.42. Turned. Facing opp. direction

5.46 STCA. Same place/posture

5.47 Shook out feathers.

5.48-49 Brought head back and forth as if about to walk.

5.53 - Took a few steps warily

5.54. Car passed. STCA again

5.55. As if suddenly making up its mind, abruptly started walking.

5.59. STCA again.

6.00 resumed walking

6.03 walking climbed outtop of the heap of sand left behind by the burrowing rats. standing looking around.

6.07 orso lost sight after it got off the mound.

2/3/88 Morning
Satiava

7.30 a.m. lot Bengal florican (adult ♂) on rd in front of Satiava territory. Probably crossed from opp. side (burnt area). Stepped into tallish stalks on side of road next to cut grass phanta. O.U.S.

7.45. O.U.S.

when we drove closer ran out of grass away 10-15 mts then took to flight chipping. landed in burnt grass Satiava ~~area~~ west.

Head mottled buff and black. Neck appears more or less black with visibly shaggy feathers. Big ♂.

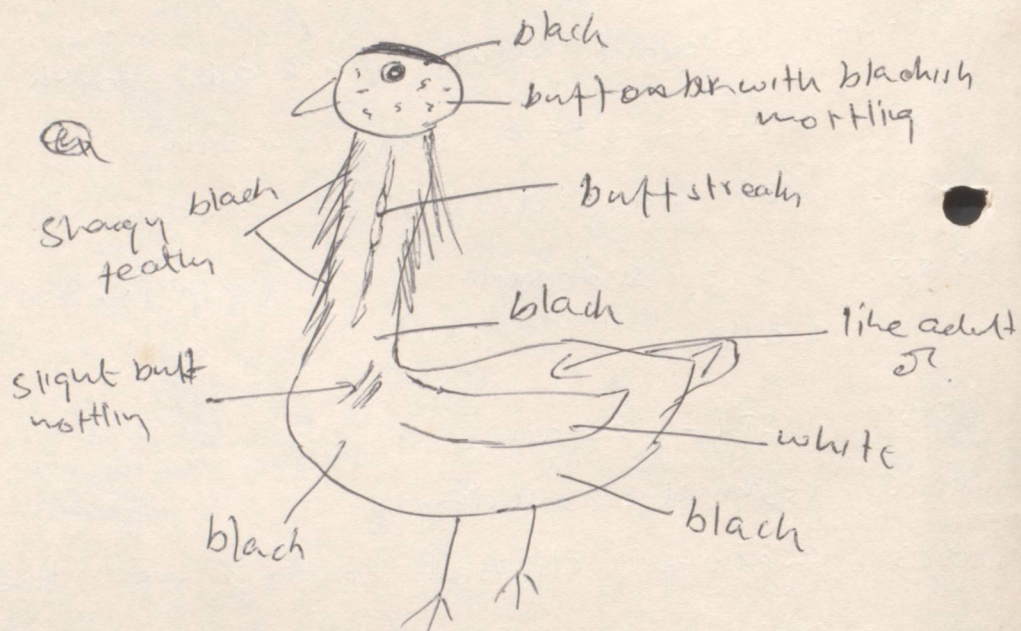
[8.30-9.00 :- (Veepah & co) :- Apparently flushed ♂ from cut area of Satiava. circled and landed further away in cut area.

2/3/88 Evening.

(4)

5.50 pm. 1st Bengal florican foraging on rd also very close to where seen in the morning. (most likely same ♂ - colour 2 side tally)

entire side of head buff mottled with a little black
Crown of head black. Mottled buff on black along sides
of neck buff more in some places very sparse elsewhere.
rest of neck black. A little buff along sides of shoulders.
looking very similar to lesser florican coming into breeding
season.



6.00 foraging around same place sometimes in grass just off rd more often on rd.

Unconcerned by 2 dustbathing Indian pied hornbills (10-15mbs) and by one foraging ♂ B.P.

6.05 Car came on rd. florican foraged unperturbed until car was quite close. Ben ran off rd into taller burnt grass opp. satiana territory. O.U.S.

6.25 still O.U.S. left field

3/3/88 Morning

7:05 no sign of florican

7:25 ♂ florican flew out of burnt area (near where last seen last evening) and flew straight ^(south) over Satiana grass patch. lost sight beyond trees.

5:00 pm

10¹ Bengal florican (same ♂) foraging on Satiana rd.

5:02 stepped into taller grass by side of rd. STCA

5:05 " "

5:07 resumed foraging beside road

5:09 on road foraging

5:11 stops walked back into grass on side of rd.

5:13 crossed rd. foraging in short grass ^{besides} on ~~off~~ (North) side of rd.

5:15 foraging moved into burnt area

5:18 Moved into taller sentas

↓
O.U.S

6:00 left the field.

In a small liquid squirt of shit mostly half digested grass blades.

3/3/88

6:40 Satiana florican not seen (today)

6:57 Saw florican on rd. Seems to be sunning itself, in a hunched posture.

7:05 started foraging.

7:14 Foraged O.U.S into burnt area

↓
7:30 O.U.S

7:40 Flew from sentas south over satiana. lost behind trees.

8:24 ^{florican} ♀ foraged onto rd from north Satiana. Foraging on short grass by side of rd. appears to be pecking grass shoots.

8:35 foraging

8:37 foraged O.U.S North Satiana

19:35 left field)

(6)

4/3

5:30 pm

♂ Bengal florican foraging on Sattal area rd.

5:40 foraging

5:43 Warden (H.K. SINGH THE CREEP) stopped next to bird in spite of seeing that I was watching it. Florican first ran a little then flew landed c. 50-60m in centre of cut grass area.

STCA

5:45. STCA

5:48 Foraging

5:50 Foraging - unconcerned by burning grass in burnt

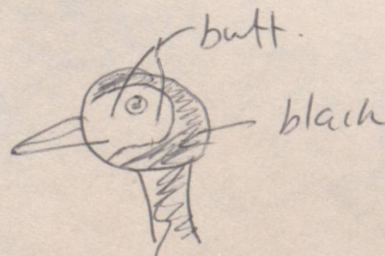
5:51 Took to flight landed c. 100m away in burnt grass area (within territory area)..

(6:00 tried relocating w/ luck.)

6:20 1♂ Bengal florican seen next to road Chapra phanta. Standing in tall senta clump area.

Appears to be in complete breeding plumage except around eye which was buff. (maybe with black mottling)

rest as in adult ♂.



(4)

5/3/88 Morning

6.45 →

7.46 1♂ florican flew out of satiana north grass & over cut grass patch. Either landed in Satiana west or flew onto Chapra. couldn't locate at Chapra.

4.45 p.m. 1♂ B.F foraging along rd Satiana west. Flew south direction of Chapra. (Billy Arjan Singh)

↓ Navalkhand tried flushing. negative

6.10 pm 1♂ (satiana ♂) foraging in Satiana cut grass patch.

6.11 flapped wings etc.

6.15 disturbed by tourist car flew landed in Satiana north.

c. 10 p.m. Tourist saw 1♂ Bengal florican roosting next ford at Chapra.

6/3/88 Morning.

7.15 - 8.00 p.m. No florican activity

c. 9.45 - 10 am Naseem saw 1♂ B.F in Satiana north Chapra. sentas.

Evening

4.00 →

4.57 ♂ florican walked out of Satiana north out rd.

~~4.58~~ 4.59 - STCA on road

5.01 - Started foraging walked at rd 0.4.5 in grass

5.02 - Flushed by warden's jeep landed in satiana grass patch.

5.03 - Foraging

5.08 - Took to flight. landed in South Satiana burnt area

5.20 Relocated florican STCA

5.25 STCA

5.28 started walking

5.30 foraging difficult to see

↓ just glimpses of bird

5.44 ♂ flew from burnt area. Another ♂ also followed from same patch. 1 ♂ circle satiana cut patch and landed other ♂ landed directly in cut patch. Both 'chickiny' from air while flying and from ground after landing

5.45 Both in threat behaviour. Parallel walking/running mantle feathers raised. 1♂ partly cocked tail.

(8)

both ♂s neck only slightly fluffed.

5:50 Parallel walking/running. Both ♂s more or less equal amount of Butt on head & neck. Tail cocked similar to L. florican but not so much. white tips of tail showing clearly.

5:55 still parallel walking.

chickling constantly and loudly. Beak held wide open And head is thrust forward slightly when emitting call. Throat appears to be slightly distended while calling and maybe caused by forcing air out or in. Distension of throat similar to (though on much smaller scale) Aark poop display of Black bellied bustard, chickling either the metallic 'chick' or one higher pitched like the squeak of a swing.

One ♂ more or less has defluffed feathers. Others

♂s mantle still fluffed and tail cocked. Parallel walk posture & attitude ^{+ intensity} almost identical to L. florican.

6:00 still parallel walking

Most of butt appear to be concentrated around eyes, with traces of butt down throat & sides of neck.

6:05 parallel walk and chickling.

6:06 Seems to be reducing in intensity

6:07 chickling almost stopped.

6:08 resumed parallel walk and chickling

6:10 continuing throat display. In this manner have covered 20-25% of cut grass area.

6:15 parallel walking have reached quite close to each other only 2-3 metres apart.

6:18 one ♂ rushed the other. other moved slightly ahead no contact.

6:19 Again one rushed the other sound as if clashed with wings.

6:20 once more rushed each other contact sound of wings now wings being trailed.

6:21 in next minute made contact with each other at least 6 times.

6:22 resumed walking. Still chickling though much decreased in intensity.

6:23 mantles down, tail very slightly cocked. stopped chickling

6:24 1 ♂ flew and landed in Sablana west other ♂

(9)

STCA in centre of cut grass patch.

- 6.25 STCA
- 6.30 started walking.
- 6.35 walking ~~over~~ towards standing grass. 0.4.5.

7/3/88 Morning.

- 6.25 ♂ seen same place where last seen last night.
 - 6.28 Flew landed in Satiana west near where other ♂ had landed last night.
 - 6.30 vociferous chicking from grass indicating that the fight had commenced
 - 6.35 cant see fight ^{parallel walk} but chicking continued.
 - 6.36 1 ♂ flew off in direction of chapra.
 - 6.41 located ♂ standing looking around.
 - 6.44 Peacock called quite close. STCA no reaction.
 - 6.48 STCA
 - 6.49 commenced foraging
 - 6.51 taking few steps then STCA. Neck appears to be slightly fluffed.
 - 6.54 Peacock called. fluffed and shook out neck feather. STCA same place.
 - 6.56 Peacock called (very close) distinctly fluffed neck feathers. then defluffed.
 - 6.58 Peacock called. Again fluffed & defluffed neck feathers.
 - 6.59 Peacock called. Momentarily fluffed feathers.
 - 7.00 started walking
 - 7.01 Again STCA.
- [Fluffing of neck feathers not as much as seen last year. Possibly feathers not reached maximum length this also evidenced by the 'ragged' appearance of neck.]
- 7.04 STCA. Peacock called no reaction.
 - 7.05 STCA
 - 7.07 STCA. fluffed neck then defluffed. tail appears to be cocked.
 - 7.09 commenced foraging.
 - 7.14 foraged into seulas 0.4.5

- 7:16 located a little away. STCA. then commenced foraging
- 7:20 foraging
- 7:23 Alerted by passing vehicle. Posture identical to C. floridanus. STCA.
- 7:25. STCA.
- 7:28 Commenced preening.
- 7:34 stopped preening. commenced foraging.
- ↓
7:42 ~~obs.~~ Not observed.
- 7:42 foraging.
- 7:49 STCA.
- 7:50 STCA.
- 7:52 Took to flight (chirping) flew by side of Satiara
+ south. o.u.s.

8:10 Mehboob from Chapra

- C. 7:40-45 :- 2 ♂♂ parallel walking at Chapra. One obviously the one ^{that flew} from Satiara. Parallel walk for 10-15 minutes then made contact once. Second time one ♂ rushed the other flew off in direction of Nawababad. Mehboob tried flushing these without success. Though [♂] may have landed in grass patch between R-3 rd & Chapra. Both ♂s had similar amount of butt on head and neck.
- 8:07 relocated ♂ floridanus in south Satiara foraging 200-300 mts from display area
- 8:10 foraging
- 8:15 foraging
- 8:20 foraging
- 8:21 foraged into open. STCA.
- 8:24 Resumed foraging. Preened lethargically often stopping and looking around.
- 8:26 foraged o.u.s.
- 8:40 o.u.s. left fields

7/3/88 Evening.

4.20 -> Satiana no florican activity.
followed and sat on tree from where seen last this morning.

5.05 1♂ florican pushed out of grass (where last seen this morning) by grazing swamp deer.

5.10 ♂ foraging north



5.20 foraging - pausing STCA momentarily inbetween.
has 5-6 buff spots on the white of wings more or less in a row.

5.30 foraging

5.32 fluffed out feathers. foraging.

5.35 foraging quite close to satiana cut grass patch. Very near rear display point.

5.36 startled by something. As it about to fly. Then carried on foraging towards satiana west. Trees & grass between it & cut grass patch.

5.40 foraging towards rd. O.W.S.

5.50 flushed by jeep from rd by jeep. landed Satiana west.

8/3/88 Morning.

6.36 1♂ florican flew out of Satiana west and landed in Satiana south sent burnt senta area couldn't locate. Navahad no floricans flushed

8/3/88 Evening

Spent time at Satiana florican not seen rainy/cloudy

9/3/88 M & E

florican not seen. Extensively combed Satiana & Chapra.

10/3/88

Florican not seen.

11/3/88 Morning

cloudy/overcast

6.45 -> satlana

7.05 - 1st tiorican foraged into (or was already present) cut grass patch

7.10 - Foraging pecked green leaf from a small shrub.

(Presumably same of as earlier satlana sightings.)

Butt on head reduced more or less to a prominent eyebrow and a less prominent line below the eye. Between eye and beak fairly heavily mottled with buff. Behind eye increasingly sparser. A prominent buff streak running along crown. Elsewhere buff restricted to the few odd spots. Feathers of breast and neck have become quite long.



Butt = black markings + lines, rest ~~unmarked~~ ^{shades} vary in degrees of glossy black, least lustress between ^{buff} black eyebrow and buff streak on head.

7.12 Peacock called ♂ STCA. (loud)

7.13 Peacock called. ♂ displayed. (loud)

7.14 STCA where landed. Then started foraging

7.16 Peacock called no reaction foraging

7.17 STCA. Peacock called carried on foraging

7.19 Peacock called 4-5 times (faint). ♂ foraging

7.20 Peacock called (faint) ♂ momentarily inflated neck. Then foraging

7.21 Peacock called (loud). Still foraging

7.23 Peacock called. STCA. Huffed neck.

7.24. Neck huffed. (car passed possibly why it didn't display. For it has foraged more or less back to where it had displayed from.

7.25 Neck partially inflated. STCA. 2-3 (faint) Peacock calls.

7.26 Turned. Stretched out wings. Flapped once or twice. Then when about to close made as if to take to the air. Didn't. Inflated neck.

7.27. Neck partially inflated.

7.28 STCA same place Peacock called. Neck fully inflated

7.29. STCA. Neck ^{partially} inflated

- 7:30 Peacock called twice (~~low~~ medium). Neck fully inflated. STCA. same place.
- 7:31 Neck partly inflated
- 7:32 Peacock called twice (medium) Neck fully inflated. shuffled feet.
- 7:33. Walked a little bit. Then STCA. Neck partially inflated
- 7:35. STCA. Neck partially inflated
- 7:38 "
- 7:39 Took to flight. ~~can~~ flew east landed 50-75 mts away beyond the standing grass in burnt area.
- 7:41 STCA where landed.



Not observed.

- 7:45 Foraging towards Satiana south.
- 7:49. Foraging. Neck deflated. Peacocks called no reaction
- 7:51 More walking than foraging
- 7:53 Foraged O.U.S.

(7:45-8:00 Meera saw lot on rd Chapra)

Evening

partly sunny / cloudy.

- 4:10 → Satiana
- 4:55. ♂ florican same one foraged in from Satiana south. Neck deflated
- 5:00 foraging
- 5:03 Foraged straight towards North road. STCA in low or beside long grass.
- 5:04 Peacock called (loud) inflated neck. (can't see extent of inflation)
- 5:05 STCA. Neck inflated
- 5:07 STCA. Neck inflated
- 5:10 STCA Neck inflated
- 5:14 Deflated neck. Started foraging walking.
- 5:19. Peacock called (faint) no reaction foraging.
- 5:20 Peacock called (medium) " "
- 5:23 pecked and ate earthworm.
- 5:25 foraging
- 5:30 Foraging towards satiana west. Beside rd now.
- ↓ (Sunt glimpses)

- 5.35 Foraging on road.
- 5.40 Foraging on grass bordering Satiana west.
- 5.43 Foraged into Satiana west. O.U.S.
- 5.52 . relocated. Foraging
- 5.54 peacock called (medium) no reaction foraging.
- 5.55 foraging.
- 5.57 Foraging reached the rd again.
- 5.58 . crossed into Satiana.
- 6.00 foraging.
- 6.02. Peacock called. Paused momentarily. carried on foraging.
- 6.05 foraging.
- 6.06 last 25-30 ut moved quite hurriedly towards taller (sparse) unburnt grass bordering Satiana & Chittal choraha (lower). Presumably will roost here. O.U.S.

12/3/88

Morning - cloudy/rainy
 Evening - cloudy/sunny

4.05 → Satiana

- 5.12 ♂ florican foraging in tree area south Satiana bordering C. choraha lower.
- 5.20 foraging west Neck deflated
- 5.30 foraging close to west road Neck deflated
- 5.40 foraging crossed rd to Satiana west
- 5.43 Foraging in Satiana west. Stood looking around for 1/2 minute. Peacock called (medium). no reaction. Remained foraging
- 5.47 foraged back onto west road. Neck deflated throughout
- 5.52 Foraging on road
- 5.53 Peacock called (medium). ♂ foraging
- 5.54 tried passing through some grass. Couldn't come out backwards. Fluffed neck adjusted coings then back toward foraging
- 5.55 foraging in short grass. Pecking from top of grass blades.

4-5 peacock calls
 medium to faint
 no reaction

- 5:57 peacock called (medium) no reaction foraging
 5:01 peacocks called (medium & loud) ♂ foraging
 6:05 foraging & pausing often to look around
 6:12 walking hurriedly in same patch of grass where roosted
 previous night.

13/3/88

- 6:05 Daybreak cloudy
 6:15 Satiana
 6:30 Sunrise
 6:35 ♂ foraging in Satiana in small grass
 patch adjacent to Satiana west rd.
 6:38 foraging slowly often pausing to look around
 5-6 peacock calls (medium) No reaction.
 6:39 peacock called (loud) no reaction.
 6:40 foraging " (medium faint) "
 6:50 foraging 4-5 peacock calls (loud & medium) no reaction
 6:57 ♂ foraging south in tree area.
 6:7:00 peacock called (loud) ♂ displayed - well away from
 display area. STCA then commenced foraging. Neck deflated
 7:05 Foraging neck deflated. 5-7 peacock calls (medium & faint)
 no reaction.
 7:09 peacock called twice (loud & medium). ♂ paused then
 carried on foraging.
 7:10 Foraging. Peacock called (medium) no reaction
 ↓ 7:30 Peacock called (loud medium & faint) ~~later~~ at least
 ↓ 11 times. No reaction foraging.
 7:40 Foraging same area (0.4.5 7:27-7:57)
 ↓
 7:45 foraging same sparse tree area.
 Peacock called (loud & medium) no reaction

(16)

7.46-7.54 visibility poor. glimpses of ♂ foraging.
7.58 standing looking around. Peacock called (loud + medium).
Seemed to have inflated neck (not sure).

8.01 Started foraging. Neck deflated.
Peacock called medium (foraging)

8.05 foraging.

↓
Foraging

8.23 Foraged out of sight.

↓ (Definitely foraging)

8.50 Relocated foraging 150+ metres away south Satiana
foraged into grass patch between Chittal choraha

8.55 and C. choraha lower. O.U.S.

Eventy

After sunset. 1 ♂ florican at chapra.

14/3/88

Sunny

6.45 a.m. 1 ♂ at chapra

6.50 Neck inflated

6.56 peacock called (medium) Neck fully inflated.

7.00 STCA. Neck partially inflated

7.01 STCA. Peacock called (M/F). Neck partially inflated.

7.05 STCA. Neck partially inflated.

♂ in more or less complete breeding plumage.

Feathers of neck breast much longer than the Satiana

♂.

standing with tail cocked and wings drooped.

7.07 preening. Neck inflated

↓ Peacock called (faint) 3-4 times.

7.20 preening neck inflated. 'Pouch' dangling.

7.21 stopped preening. standing looking around with neck inflated.

7.26 Peacock called (loud + medium). ♂ displayed. landed
in taller grass. O.U.S.

- 7:35 Foraging back to spot from where displayed. Neck deflated. o.u.s.
- 7:45 o.u.s.
- 8:00 flushed ^{est}. flew landed in chagra east.
- 8:45 Saw ^{est} foraging back towards chagra.

14/3/88

Evening

Navalhad.

- 5:20 pm. ^{1st} foraging north of Machan.
- 5:30 foraging. Neck deflated
- 5:40 foraging SICA when Mehboob came then
- 5:41 resumed foraging. Neck deflated
- 5:44. Looked around when jeep started. inflated neck shuffled feathers. resumed foraging.
- ↓ foraging.
- 5:49. Pecking at something on ground. Raised head inflated neck then deflated and carried on foraging.
Peacock called medium. No reaction.
♂ more or less in complete breeding plumage.
- 5:50 foraging.
- ↓
- 6:07 stopped foraging. standly looking around.
- 6:09 resumed foraging. sunset.
- 6:12 foraging
↓ often pausing to look around.
- 6:19 Sniped up to top of grass stalk. (~~no~~ wings not used)
(at least once more this height) to peck at an insect.
- 6:20 foraging slowly often pausing.
- 6:23 Alerted. hid from something (?)
- 6:24 standly looking around. in short grass.
- 6:27 started cooing. Peacock called (medium) 3-4 times
no reaction
- 6:29. foraging slowly.
left field.

15/3/88.

6:15 → Naval Road.

6:20 sunrise.
ground foggy visibility poor.

- 6:45 ♂ foraging with neck partly inflated
- ↓ Peacock called (loud & medium) 5-6 times | No reaction.
- 6:54 ♂ foraging
- 6:55. standing looking around. Neck partly inflated.
- 6:57 resumed foraging.
- 6:58 standing looking around. Neck partly inflated.
- ↓ Peacock called (medium 3-4 times)
- 7:00 standing looking around. Neck partly inflated
- 7:01 resumed foraging.
- 7:03 standing looking around in sun. Neck partly inflated
- Peacock called (loud & medium)
- 7:05 standing looking around. Neck fully inflated.
- Peacock calls (medium & faint) 2-3 times.
- 7:06 Peacock called (loud). Neck fully inflated. Pen deflated
- 7:07. Resumed foraging. neck deflated
- ↓ Peacock called (loud & medium) no reaction.
- 7:10 foraging neck deflated
- ↓ Not observed
- 7:20 foraged o.u.s.
- 7:24 standing looking around Preening.
- 7:27 Fluffed neck stretched wings ↓
- Peacock called (loud) Neck partially inflated.
- 7:30 Preening. stare again
- 7:31 Preening. Peacock called loud & medium o.u.s.
- ↓
- 8:00 flushed ♂ from exactly where seen at 7:31. must have been resting | preening | STCA.

15/3/88.

chagra at Morning.

at displayed at.

7.03 ; 7.27 ; 7.40 ; 7.58

Evening.

3.45 chagra at foraging neck deflated.

3.50 1 ♀ bengal florican foraging on Satiana north road. on being flushed called out twice. A slightly shrill harsh - 'Quaaks'. Flew 25-30 mts into North Satiana.

5.25 at foraging in Satiana cut grass area. neck deflated.

5.30 hd white meebob walked on road.

5.36 foraging. Neck deflated.

5.37 standing looking around.

5.38 " started preening. Neck partially inflated

5.39 preening.

5.40 preening. Cocked tail & preened it. Then inflated neck. Shuffled body feathers.

5.41 standing looking around same place. Preening.

5.42. Peacock called loud. Inflated neck. then carried on preening.

5.44. Neck partially inflated. Preening.

5.45 Neck partially inflated. Standing looking around.

5.46 "

5.52 "

5.55 started walking. Neck inflated. Black necked stork flew low overhead. No reaction.

5.56. standing looking around Neck partially inflated

5.57. Fully inflated neck. Displayed.

On landing Deflated neck. Foraging back.

↓
6.03 Foraging. Peacock called (medium) No reaction. Neck deflated.

6.04 standing looking around.

6.05 " Neck partially inflated.

- 6:06 Inflated neck fully. Shook out feathers. Deflated neck. walked a little. Then again standing looking around.
- 6:07. started foraging. Neck Deflated
 ↓ Peacock called (M/F) thrice. No reaction.
- 6:21 Foraging. Neck deflated. Foraging slowly.
- 6:22 Jerry passed. ♂ alerted. then carried on foraging.
- 6:25 foraging
- 6:26. Peacock called (loud & medium) standing looking around. Neck partially inflated.
- 6:28 " "
- 6:29 " then deflated neck.
- 6:30 started foraging.
- 6:32 Peacock called Medium. ♂ standing looking around. Fully inflated neck. Then deflated. Took a few steps and flapped wings.
- 6:34 ♂ foraging. Neck deflated
 ↓ Peacock called (loud medium & faint) 3-4 times.
- 6:40. Foraged o.u.s.

16/3/88. Morning.

- 6:13 Chagra ♂ standing looking around.
- 6:17 Satrana ♂. Neck partially inflated. Standing looking around.
- 6:19 " Peacock called (loud & medium)
- 6:20 ♂ displayed. west to east.
- 6:22 walking / foraging back. Neck partially inflated
- ~~6:23~~
 6:23 " Peacock called (loud & medium)
- 6:24 Reached place from where displayed.
 standing looking around. Peacock called (loud (medium & faint)).
 Neck fully inflated.
- 6:25. Peacock called (medium). Neck fully inflated
- ~~6:27~~ Peacock calls (loud medium faint) 4-5 times.
- 6:29 peacock called (Medium) ♂ displayed W → E

- 6:30 walking back to display point. Neck partially inflated
- 6:33 foraging Neck deflated
- 6:36. Approaching display point. Peacock called medium Neck partially inflated.
- 6:37 STCA. Neck partially inflated
- 6:38 STCA. Peacock called (loud & medium) neck fully inflated.
- 6:40 STCA. Peacock called (loud & medium) neck partially inflated
- 6:41 " " (L+M+F) neck fully inflated
- ↓
- 6:43 " " neck partially inflated
- 6:44 Started foraging Neck partially inflated. then Neck deflated
Peacock calls (loud medium faint) 6-7 times.
- ↓
- 6:55 Foraging neck deflated
- 6:57. Foraging neck deflated often pausing to look around.
Peacock calls (medium & faint) no reaction.
- ↓
- 7:07 foraging neck deflated
- ↓
- Peacock calls ~~medium & faint~~ (medium & faint) 10-15 times.
- 7:13 stopped. standing looking around. Neck deflated. Flock of swallows hovering low over grassland.
- 7:15 standing looking around. Neck partially inflated.
- 7:17. Resting. with head drawn into shoulder. Identical to L. Florian. sun came out.
- 7:19 " body feathers slightly cocked fluffed. tail partly cocked.
- ↓
- Peacock calls (Medium + faint) 5-7 times. no reaction
- 7:26 started walking Neck deflated.
- 7:27. stopped. standing looking around. then commenced foraging.
Peacock called (medium). Partly inflated then deflated neck. foraging slowly.
- ↓
- 7:34 stopped. standing looking around. Neck fully inflated
- 7:35 standing looking around Neck fully inflated.
4min. NFI + 5min NPI. Peacock called (L.M.F) 6-7 times
- ↓
- 7:45 started preening.

7.45 started preening.
Neck inflated. ~~Preent~~

sequence! - neck, the throat, then sides of neck;

7.46 Neck deflated made as if to chase insect then
ran then neck partly inflated. Tail slightly cocked.
Standing looking around. Peacock called 2-3 times.

7.47 Resumed preening. Tail cocked. Neck partly inflated.

sequence! - back; upper wing covers, scratching sides of
head with foot, wings, breast, wings, neck, scratched head
with foot, back, neck, breast, then base of tail, sides
of body, wings,
while preening often raising head to look around.
Deflated neck 2-3 times.

8.00 Neck fully inflated. took a few steps. shook out
feathers started walking.

8.02 Neck partly inflated. Standing looking around.

8.03 Neck deflated. walking / foraging.

8.04. stretched out wings. Then standing looking around
with neck fully inflated.

8.05. standing looking around. Neck partly inflated

8.06. " " Neck fully inflated

Peacock called (M & F)

8.07. Resumed preening on neck. Then deflated neck
and started walking

8.08 standing with neck deflated then walking.

8.09 " Neck fully inflated. Again preening
scratched head with foot

8.10 standing. Neck fully inflated. Peacock called medium.
Deflated neck & chased insect.

8.11 standing with neck fully inflated

8.19 " " " " " " cars passed.

8.20 standing with neck partly inflated.

8.25 " " " "

8.27 standing neck fully inflated

8.29 " " " "

8.30 ran beak 2-3 times through neck. Deflated neck
and commenced foraging.

- 8.30 - 8.42 foraging. Neck deflated.
- 8.42. Reached North road. foraging then besides road. Neck deflated.
- 8.52 Foraged into North Satiana. out of sight.

Evening satiana.

3.45 → 6.05 pm.

♂ came out of Satiana north for 15 minutes from 4.39 to 4.54. Foraging neck deflated. went back into North Satiana.

16/3/88.

♂ at Chapra



Butt on head of satiana ♂ as at 16th rest glossy black

6.25 am displayed

6.35 took to flight which ended in a display (intrise & fall)

7.05 ~~6.45~~ Again flew landed c. 150-200 mts away

7.20 After landing ran for c. 100 mts. Then took to flight for about 100 mts. ended flight in display.

7.30 took to flight again. saw 1 ♀ took to flight from before it. Both flew off beyond chittalchoraha tree line.

— x —

5.15 p.m. ♂ came in to chapra flying

5.45 displayed.

5.50 Another ♂ flew into chapra. both ♂s fought for 7 minutes.

5.57. Both ♂s flew off in direction of Nawalhad.

17/3/88.

7.05. 1 ♂ in flight. From chapra towards Nawalhad.

17/3/88 Evening.

- 4.15 ♂ Navahad. Foraging neck deflated
- 4.25 foraging neck deflated
- ↓ 7c
Peacock called once (medium)
- 4.47 Foraging neck deflated
- 4.48 standing looking around Neck deflated
- 4.49. Preened neck momentarily. standing "
- ↓
- 4.51 started foraging Neck deflated
- 4.54 stopped. standing looking around. "
- ↓
Peacock called (F) 2-3 times
- 4.58 resumed foraging. Neck deflated.
- ↓
foraging neck deflated.
- 5.14 standing. started preening neck deflated
scratching head as well with foot. Possibly resting / stca
as well. Tallish grass bird not clearly visible.
- ↓
- 5.25 commenced walking / foraging. Then standing. Neck deflated.
- ↓
standing neck deflated.
- 5.31 resumed foraging neck deflated.
- 5.33 Standing. flapped wings resumed foraging
Neck deflated.
- ↓
- 5.57 Foraging. neck deflated. towards end often perching
to look around.
- 5.58. stopped. vigorously scratched head with foot.
- 5.59. resumed foraging.
- 6.00 standing looking around. Then ran for 15-20
mts. Took to flight ^{with} ~~best~~ ~~with~~ ^{Neck inflated}. 'chickny'.
^{very} ~~slowly~~ ^{sincerely}
landed in Navahad east in grass. Possibly
saw a ♀ (?) o.u.s. Ravi Sankaran.
- 6.10 sunset.
- 6.13 located ♂ foraging neck deflated.
↓ 2 minutes stca. Rest foraging with neck deflated. C-20
minutes hurriedly. end quite slow.
Peacock called (L+M+F) 3-4 times
- 6.42 Foraging slowly ~~AND~~ Neck deflated.
left field.

17/3/88 Evening. Chapra ♂

5:15 p.m displayed

5:45 flushed by villagers flew landed west of Chapra machan.

6:00 flinched by villagers flew landed east of Chapra machan.

6:14 flew on its own landed south of Chapra machan.

18/3/88

Morning.

cloudy (overcast)

6:05 - 6:15 drizzled

6:30 → Navalhad

6:35 - 6:40 Drizzled

6:42 located ♂ foraging where last seen last night. Neck deflated.



foraging actively. Neck deflated. Peacock called (2 notes) 12-13 times

7:45 Foraging quite slowly Neck deflated.



8:01 Inflated neck shook out feathers adjusted



Wings. Deflated neck. Carried on foraging. Partly to C.A. in between.

8:07 stopped. then commenced preening. (stopped after peacock call)

8:09 commenced foraging Neck deflated.

8:15 stopped. standing looking around.

8:16 stretched wings resumed foraging

8:18 " " again " slowly often

↓ pausing to look around. Neck deflated

8:25 foraging away from tree area

8:30 foraging

8:32 shook out feathers foraging

8:35 foraging. often pausing to look around. Neck deflated.

8:59. Massive explosive sound. (like jet plane breaking sound barrier) ♂ not disturbed

9:20 Foraging often pausing to look around. Neck deflated

- 9:20 Mehboob came with breakfast. at 75 mts away not unduly disturbed. foraging slowly.
- 9:25 Mehboob left. Beh of stood momentarily then resumed foraging. Neck deflated.
- ↓
- 10:05 foraging slowly often pausing to look around. Neck deflated
- 10:06 Inflated neck shook out feathers resumed foraging. Peacock called (loud) no reaction.
- ↓
- Foraging slowly. More often stopping standing looking around. lethargic. Neck deflated.
- ↓
- 10:22 foraging stopped. Standing looking around. Neck deflated.
- ↓
- 10:28 Resumed foraging. Neck deflated.
- ↓
- 10:35 stopped standing looking around.
- 10:36 Resumed foraging slowly. Neck deflated.
- ↓
- Foraging. often pausing to look around. Neck deflated.
- 11:10 in tallish grass.
- ↓
- standing looking around | preening | resting (not sure which)
- 11:16 Resumed foraging.
- 11:18. Again in long grass.
- ↓
- standing | resting | preening (?)
- 11:25 Foraging again.
- 11:30 In tall grass. often out of sight
- ↓
- Most likely resting.
- 11:42 came out foraging neck deflated.
- ↓
- foraging. 1 minute of STCA.
- 11:50 stopped foraging standing then commenced preening.
- ↓
- 11:54 Preening.
- 11:55. standing neck deflated.
- 11:57. Resumed preening.
- ↓
- while preening Neck partly inflated.
- 12:03 stopped preening. Standing looking around.
- 12:04. Resumed foraging. actively. Neck deflated.
- ↓
- 12:11 inflated neck shook out feathers. Carried on foraging neck deflated.

- 12.13 scratched head with foot. Carried on foraging.
 Neck deflated.
 ↓
 Foraging neck deflated.
- 12.23 Rubbed outstretched wings with foot. Carried on
 foraging. Neck deflated.
 ↓
- 12.50 foraged on south west tree area.

Notes

♂ covered a semicircle with the Machan as a centre point and spending most of time in the eastern tree area. Did not enter either west or east display zones.

Weather.

6.05-6.15 drizzle ; 6.15-6.35 cloudy ; 6.35-6.40 drizzle ; 6.40-7.30 cloudy ; 7.30-10.35 sunny/cloudy. 10.35-11.25 sunny. 11.25-12.05 cloudy ; 12.05-12.23 drizzle ; 12.23-12.33 cloudy ; 12.33-12.45 sunny/hot ; 12.45- cloudy

18/3 Evening.

Masanhamb.

- ♂ displayed at 5.12 p.m. later flushed flew and landed in a same area.
- 4.45 ♂ foraging on Satiana west rd. flew into grassland.

19/3 Morning.

Rainy/hail throughout.

- 10.30 ♂ foraging chakra.
- 10.35 ♂ standing hunched Satiana cut grass.

Evening.

6.18 Satiana ♂ and ♀ B. Horican 1-2 mts apart. ♂ in courtship display. Neck fully inflated and shaking head either sideways or up and down. Barely 1/2 minute later ♀ flew undoubtedly disturbed by our arrival or maybe because of the ♂ getting too close. Closely followed by male. Both landed south in hunt area. Couldn't relocate.

6.30 ♀ flew from where landed closely followed by ♂. ♀ flew into North Satriana while ♂ landed adjacent to Road but in cut grass area. On landing standing looking around. Neck fully inflated.

6.31. Deflated neck and started walking foraging back to display zone.

2013 Morning.

6.50 am. 1 ♂ foraging in Satriana moving towards west Satriana.

Chapra ♂

6.45 → 7.20

no display.

Evening.

4.15 → Satriana

4.45 ♂ foraging into cut grass area from the west. Neck deflated.

4.50 Foraging Neck deflated

4.55 Foraging. " the o.u.s behind grass clump

5.00 ↓ STCA Neck deflated. Began foraging slowly neck deflated often pausing to look around.

5.05 Out of sight behind grass clump

5.15 Peacock called (medium farnt) ♂ out of sight

5.24 " " " ♂ displayed from behind ^{same} clump of grass

5.25 on landy standing Neck deflated

5.27 Sa commenced foraging neck deflated

5.30 Peacock called (Farnt) stopped. standing (Neck fully inflated)

5.32 Deflated neck resumed foraging

5.33 standing neck fully inflated

- 5-35 commenced preening. Neck partially inflated
- 5-37 " " "
- 5-38 standing Neck fully inflated
- 5-40 walked few steps ~~then~~ Neck fully inflated
- 5-41 they turned and displayed. E-W. wing sound clear
- 5-41 walking / foraging. Neck deflated. Often pausing to C.A.
- 5-43 Peacock called (loud medium faint). It took few steps
- neck partially inflated. Then turned neck fully inflated.
- Displayed. E→W. wing sound clear. Foraging neck
- deflated immediately after landing.
- 5-45 foraging neck deflated
- 5-50 " " "
- ↓ Peacock calls (loud medium faint) 5 times no reaction.
- 6-10 foraging neck deflated. Foraged up to west road
- then turned east, walked until behind display
- zone.
- 6-11 Took to flight landed within display zone.
- standing neck fully inflated. Then shook out feathers
- Deflated neck. foraging. stopped;
- 6-14. Peacock called medium faint, ♂ standing neck
- deflated.
- 6-15 standing looking around neck partially inflated.
- 6-17 " " peacock called
- faint. Started foraging. Neck partially inflated. Then
- foraging neck deflated.
- 6-18 standing neck deflated.
- 6-19 Foraging neck deflated.
- ↓ Peacock calls (loud medium faint) 4 times.
- 6-28 Foraging neck deflated
- 6-29 standing looking around. Neck partially inflated
- ↓ Peacock (♂ M.F) twice
- 6-33 " " "
- 6-34 Deflated neck commenced foraging.
- 6-35 Peacock called (loud medium faint) ~~fast~~ stopped
- fully inflated neck.
- 6-36 flapped wings. Commenced foraging. Peacock called
- loud. Stopped. Fully inflated neck.

- 6:37 standing. Peacock called (medium) Neck partly inflated. Preened momentarily.
- 6:38 standing neck partly inflated. Peacock called (loud) 2-3 times. Made asit to display. Took few steps.
- 6:39. Standing. Neck partly inflated. Peacock called (loud & medium)
- 6:40 → 6:45. Neck deflated. 3 minutes walking. First & last 2 minutes standing. (Too dark to see).
- 2/13/88
- 5:50 → satiana.
- 5:58. located ♂. standing with head in shoulders. Peacock called (loud) immediately raised head, looked around. Neck partially inflated.
- 6:01. Peacock called (medium & faint) Neck partially inflated.
- 6:02. Took a few steps then stopped. standing with head retracted to shoulders. Neck partially inflated.
- 6:09. ~~rather~~ Indian Roller called. immediately raised head and looked around. Then retracted head to shoulders. Neck partially inflated.
- 6:12 standing neck in shoulder.
- 6:20 ^{behind grass clump} o.u.s. a But most likely standing neck in shoulder. Peacock called (medium & faint) relocated ♂. standing neck fully inflated. started ~~preening~~ preening.
- 6:22 Preening. Stopped. standing. Neck partially inflated.
- 6:23 standing head in shoulders.
- ↓ Peacock calls (loud, medium & faint) 4 times.
- 6:36 standing head in shoulders
- 6:37 Peacock called (medium & faint) standing neck fully inflated.
- 6:38 " Peacock called ~~to~~ Peacock. Took 2-3 steps, neck fully inflated turned and displayed. E → W. wing sound clear

- 6:39 standing. Neck fully inflated
- 6:40 standing neck partly inflated. Peacock calls (loud, with and faint) 3-4 times.
- 6:42 started walking Neck partly inflated.
- 6:43 Foraging. Neck deflated.
- ↓
- 6:48 stopped. Standing neck partly inflated. Peacock called (faint)
- 6:49 resumed foraging Neck partly inflated
- 6:50 foraging. Neck deflated.
- ↓
- Peacock called 3-4 times.
- 7:25 Foraging. Neck deflated. Then 0.4.5.
- (↷) had foraged (circularly) from cut area to west road. Then parallel through gap in standing grass. upto few trees area and east again. ~~seen~~ seen in rear display area)
- 7:51 0.4.5
- 7:52. Peacock called. (medium & faint). ♂ displayed from where last seen. Rear display area.
- 7:53 → 7:57 standing neck partly inflated
- ↓
- 8:00 standing neck fully inflated
- 8:01 Deflated neck. Started foraging back towards ck satiana cut grass.
- ↓
- 8:10 foraged into cut grass area. Neck deflated.
- 8:15 foraging slowly. Neck deflated
- ↓
- 8:21 " " came to display area. stopped standing. Neck fully inflated
- 8:22. Deflated neck. foraging.
- ↓
- 8:25 stopped. standing. Neck fully inflated.
- 8:26 " " Neck partly inflated.
- 8:28. Deflated neck. stalked 1 rect.
- 8:29. standing Neck fully inflated.
- ↓
- " "
- 8:31 standing neck partly inflated
- 8:32. Commenced preening.

- 8.33 Preening, tail cocked.
 ↓ " " "
 8.35 Preening. " " , then fully inflated neck shuffled feathers. Deflated neck and commenced foraging.
 8.36. stopped. standing with partly inflated. Peacock called (medium) displayed. E → W. wingsound clear, standing where landed. Neck partly inflated.
 8.37 Deflated neck. foraging. stopped. fully inflated neck. shuffled feathers. Deflated neck. commenced foraging.
 8.38. stopped. Partly inflated neck. then deflated neck. chased ~~the~~ insect.
 8.39. foraging neck deflated.
 ↓ Peacock called (medium) once. no reaction.
 8.49 Peacock called (loud) ♂ stopped. momentarily; then foraging Neck deflated.
 8.50. Foraging Neck deflated.
 ↓ moving south.
 9.25 foraging. neck deflated. out of sight.
 in Southern area, lost sight in a sort of Mallah. left field.

Events.

- 4.15 → 5.44. No sign of florican at satrana.
 4.15 → 5.45. ♂ either displayed or more likely flew (landing not as in display) ~~into~~ in north satrana near road amongst sparse trees near river. ♀?
 6.4.5.
 6.05 ♂ came out of North onto road. crossed road, foraging in short grass beside road; Neck deflated.
 6.16. foraged onto road. Neck deflated.
 6.17 standing on road.
 6.18 Flew landed east of ~~out~~ grass area in
 ↓ burnt grass area.
 6.35 No display seen.
 left field.

22/3/88

9.20 am ♂ florican foraging

5.32 p.m. 1 ♀ florican flew into Chapra west. Unique in that she appeared to have landed from a considerable height. Descent was very swift ending in a dextrous twist before landing. Move like an ibis than a bustard.

5.38 walked. 0.4.3 in tall grass.

23/3/88 Morning. satiana

6.00 am ♂ florican standing head in shoulder.

● Peacock call (M & F) 3-6 times.

6.10 Standing head in shoulders, Peacock called (faint) ♂ displayed. W-E. wing sound clear. 0.4.3

6.13 Foraging Neck partly inflated.

6.17 foraging Neck partly inflated. — peacock (M & F) once

6.18 standing. Neck partly inflated. Bird appears wet with dew.

6.19. Foraging. Neck partly inflated.

6.22 Foraging. Neck deflated.

● Peacock calls (8-9) (Medium & faint) Sunrise.

6.53, 7.00 Foraging - Neck deflated

7.01 Standing Neck fully inflated

7.02 Cocked tail. Flapped wings - standing. Sunning itself, Neck fully inflated

7.03 Standing cocked tail drooped wings. Sunning

↓ " " " peacock (L & M & F) throughout

7.33 started preening

7.35 Turned Neck fully inflated.

7.36. Peacock called (medium & faint) ♂ displayed W → E. Wing sound clear. Foraging Neck deflated.

7.40 Foraging - Neck deflated.

7.50 stopped. Standing. Neck fully inflated. Then deflated took a few steps. Peacock called (medium). Stopped. Neck fully inflated.

(39)

7:52. Deflated neck. Foraging

7:55. Foraging. Neck deflated.

↓

8:20 Foraging Neck deflated o.u.s.
(left field)

[♂ first at cut grass area then foraged west. Then parallel to west road through gap in standing grass. Then east. Standing in rear display area. Then foraged south into tree area. (where lost to sight).

3:45 → 5:15.

No Horican at Satlana. Sighted or flushed.

Chapra

♂ Displayed - at 6:39 a.m., 6:49 a.m., & 7:07 a.m.

24/3/88

Evening Navakhal.

5:15 → 6:30 Couldn't locate Horican.

6:31 ♂ displayed. } wing sound clear.

6:34 ♂ displayed

25/3/88

6:05 a.m. Navakhal

6:11 ♂ Neck deflated foraging.

↓ Peacock called (medium & faint) throughout.

↓ ♂ foraged unconcerned near swangdeer (2)

7:30 ♂ foraging neck deflated

7:33. ♂ pecked at a moth. 30m from grass clump. Then atleast 30-40 moths flew from clump. ♂ watched them go.

7.34. Flapped wings. startily. shuffled feathers. Tail cocked. Behind tree. o.w.s.

7.38. came out from behind tree. Startily.

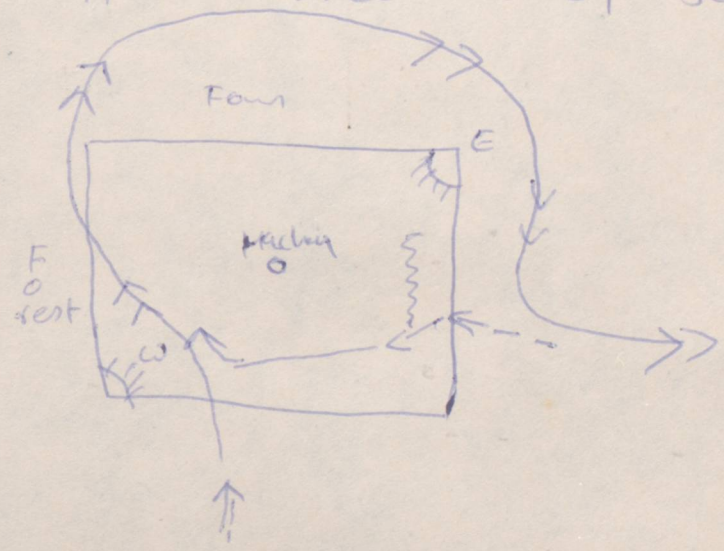
↓ startily. tail cocked, wings drooped. Squinted itself

7.42 started foraging slowly often pausing to look around.

8.05 " " " they o.w.s in taller grass

8.22. ♂ flew from grass. Another ♂ flying in from chapra side. Aerial chase circled Navab khel then

8.26 flew off in direction of Satiara



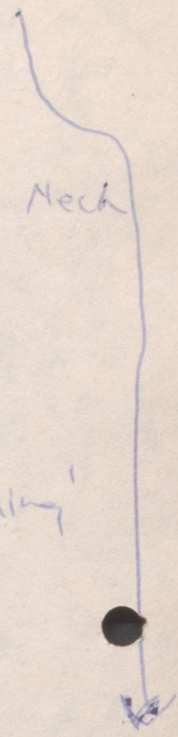
8.29 ♂ flew in from towards Satiara. landed near where had flown from, o.w.s.

8.37 ♂ again flew and chased other ♂ who had also landed in Navabkhel east (Naseem later said he had seen one ♂ near rd. Definitely not the one I was seeing). Aerial chase. Both circled east forest.

8.39. 1st flew off in direction of chapra. other landed in Navabkhel

[♂ (intruder) flew from chapra at 8:00 a.m. in direction of chitralchoraha, not seen afterwards]

- 8:39 Standing lookly around.
- 8:45 commenced foraging slowly neck deflated often pausing
 ↓ to look around. (Peacock callin ~~medium~~ / faint throughout)
- 8:50 standing lookly around
- ~~8:50~~ 8:52 Commenced preening
 ↓
- 9:03 stopped preening. ~~started foraging~~ standing. Neck deflated.
- 9:06 started foraging Neck deflated
- 9:12 foraging Neck deflated.
- 9:13 flew and landed 40-50 mts away. 'chickling' from ground tail partly cocked
- 9:14 standing Neck deflated 'chickling' still
- 9:15 standing Neck deflated. stopped 'chickling'
- 9:16 foraging Neck deflated
- 9:17 standing Neck deflated
- 9:18 foraging Neck deflated.
- 9:19 cocked tail. resumed 'chickling'. Couldn't locate other ♂(?) or ~~source~~ ^{cause} of agonistic behaviour.
- 9:20 stopped chickling. walking Neck deflated.
- 9:21 standing Neck deflated
 ↓
- 9:24 foraging Neck deflated.
 ↓
- 9:25 standing Neck deflated.
 ↓
- 9:33 started foraging Neck deflated slowly often
 ↓ pausing to look around.
- 9:37 standing Neck deflated
- 9:40 standing then o.u.s.
- 9:43 relocated foraging Neck deflated
- 9:46 foraged o.u.s.
- 9:51 relocated standing Neck deflated
- 9:52 foraging Neck deflated. slowly often pausing to look around. (Peacock callin medium / faint)



- 9.56 standing looking around Neck deflated. (Peacock call of faint)
- ↓
- 10.32 standing looking around Neck deflated
- 10.33 started foraging, Neck deflated
- 10.38 o.u.s.
- 10.49 relocated foraging Neck deflated.
- 10.50 standing Neck deflated.
- 10.52 standing " "
- 10.53 started foraging Neck deflated
- 10.55 foraging actively Neck deflated
- ↓
- 11.15 Foraged out of sight.
- 11.35 o.u.s.

Evening.

- 4.00 → Navalhah.
- 4.15 located at foraging in area where last seen last this morning. Neck deflated.
- ↓
- 4.28 Neck fully inflated. Shook out feathers. Carried on foraging slowly. often partly to look around.
- 4.41 fully inflated neck. Shook out feathers. Foraging Neck deflated.
- ↓
- 4.46 standing looking around Neck deflated.
- 4.47 foraging Neck deflated
- 4.49 standing Neck deflated.
- 4.50 foraging " "
- 4.51 scratched head with foot, Foraging Neck deflated.
- ↓
- 4.59 fully inflated neck. Fluffed out feathers. Carried on foraging.
- 5.00 foraging slowly often partly to look around. Beak held open. Panting (most likely). In west open grass area.
- 5.06 standing. Neck deflated.
- 5.07 foraging " "
- 5.08 standing " "
- 5.09 foraging " "
- 5.10 standing " "
- 5.11 Foraged a little. stopped partly inflated neck. Displayed west → east. wing soul clear. landed. Neck inflated. Pen deflated neck foraging.

(4.15-5.10. c.15 peacock call (M&F))

- 5:13 Foraging slowly often pausing to look around. (5-6 P.C.M.F)
- ↓
- 5:30 foraging slowly in west display zone (1987)
- ↓
- 5:34 Peacock called (L+M) at displayed. wing sound clear. S→N
- 5:35 foraging neck deflated
- ↓
- 5:39 standing neck deflated
- 5:41 foraging neck deflated
- 5:43 standing " " (sun) " " Peacock called (medium & faint)
- 5:46 displayed landed neck fully inflated. Ren Deflated
neck. Took 2-3 steps. standing.
- 5:47 Fully inflated neck. Shuffled feathers. Deflated neck standing.
- 5:48 commenced foraging neck deflated.
- 5:49 Peacock called (loud medium & faint) at displayed. W→E. wing sound clear. standing neck deflated.
- 5:50 Foraging neck deflated
- ↓
- 5:53 standing neck deflated
- 5:54 commenced foraging. Fully inflated neck. Shook out feather. neck deflated foraging (actively) Peacock call (L+M+F) 11-12 times.
- ↓
- 6:00 Foraging neck deflated (left + right)

27/3/88

Morning. Satiana

- 6.11 located ♂ standing tail partly cocked
- 6.14 started foraging
- 6.18 stopped. standing. tail slightly cocked head in shoulders.
- 6.21 standing Neck partly inflated. tail cocked
- 6.22 " Neck deflated wings drooped
- 6.24 standing head partly withdrawn into shoulders then fully withdrawn tail cocked
- ↓
- 6.31 "
- 6.32 started foraging N.D
- 6.35 Foraging N.D
- 6.36 standing Neck partly inflated Peacock call (M&F)
- 6.37 Foraging N.D
- 6.40 stopped standing Neck partly inflated
- 6.41 standing Neck fully inflated
- 6.42 Preening. tail cocked. wings drooped.
- ↓
- 6.45 stopped. standing Neck deflated
- 6.46 Foraging Neck deflated
- 6.47 standing Neck partly inflated tail cocked.
- 6.48 standing Neck fully inflated
- 6.49 " Neck partly inflated
- 6.51 ~~stopped~~ standing Peacock called (L&M&F) fully inflated neck.
- 6.52 Deflated neck took 3-4 steps Peacock called standing Neck fully inflated.
- 6.53 Peacock called (M&F) ♂ displayed. standing Neck fully inflated on landing
- 6.54 Neck deflated standing. Ben walked a little
- 6.55 Peacock called medium and faint standing Neck fully inflated
- 6.56 Deflated Neck started foraging
- ↓
- 8.05 Foraged o.w.s. in south satiana.

Evening.

- 4.00 → satiana.
- 4.45 ♂ foraging in south satiana. N.D
- 4.50 foraging back towards display zone N.D
- 5.00 Entered display zone.
- 5.05 Foraging Neck deflated
- 5.08 standing Neck deflated
- ↓
- 5.11 resumed foraging "
- 5.19 Stopped standing Neck deflated
- 5.28 standing ~~Neck~~ started Preening
- 5.31 stopped. Standing Neck deflated
- 5.32 standing Neck deflated.
- 5.33 Peacock called medium & faint Fully inflated neck
then partly inflated & standing
- 5.34 standing Neck partly inflated
- 5.35 standing Neck fully inflated Displayed. E-W. wing sound clear
NFI on landing then STCA N.D
- 5.36 foraging Neck deflated
- 5.37 standing Neck deflated
- 5.38 foraging " "
- 5.41 standing Neck fully inflated walked 8-10 steps NFI
turned faint peacock call displayed E→W. wing sound
clear
- 5.42 on landing Neck fully inflated. Then foraging neck
deflated
- 5.43 Foraging Neck deflated
- 5.44 standing " "
- 5.45 walking Neck ~~fully~~ inflated N.D
- 5.46 walking neck fully inflated
- 5.47 standing Neck deflated
- 5.49 started walking " " Peacock called faint
STCA Neck fully inflated
- 5.50 Displayed. Neck fully inflated standing. Then
deflated neck and foraging.

- 5.51 Foraging Neck deflated. Peacock called M+F
- 5.52 Standby Neck deflated Standby NID
- 5.53 Foraging Neck deflated
- 5.54 Foraging " "
- 5.55 Standby neck deflated
- 5.56 " " " Peacock called (M+F)
turned fully inflated neck and displayed
E → W wing sound clear
- 5.57 Foraging neck deflated
- 5.59 stopped Standby " } Peacock called (M+F)
15 times.
- 6.25 Standby neck deflated

28/3/88 Evening
5.00 → Navahad.

- 5.02 located ♂ STCA Neck deflated
- 5.03 Foraging Neck deflated.
- 5.14 " " "
- 5.15 standing " "
- 5.18 Foraging " " slowly. often partly to
took around
- 5.41 Fully inflated neck shook out feathers. carried on
foraging Neck deflated
- 5.48 " " "
- 5.49. standing looking around. Neck deflated
- 5.52 Flew landed in west Navahad in open
area near rd. (area of imm ♂ but other side of rd)
standing neck deflated.
- 5.58 started foraging
- 6.07 Foraging neck deflated
- 6.08 Took to flight. landed about 30m from
where it had first flown standing neck deflated
- 6.14 started foraging neck deflated
- 6.21 Fully inflated neck shook out feathers
carried on foraging Neck deflated

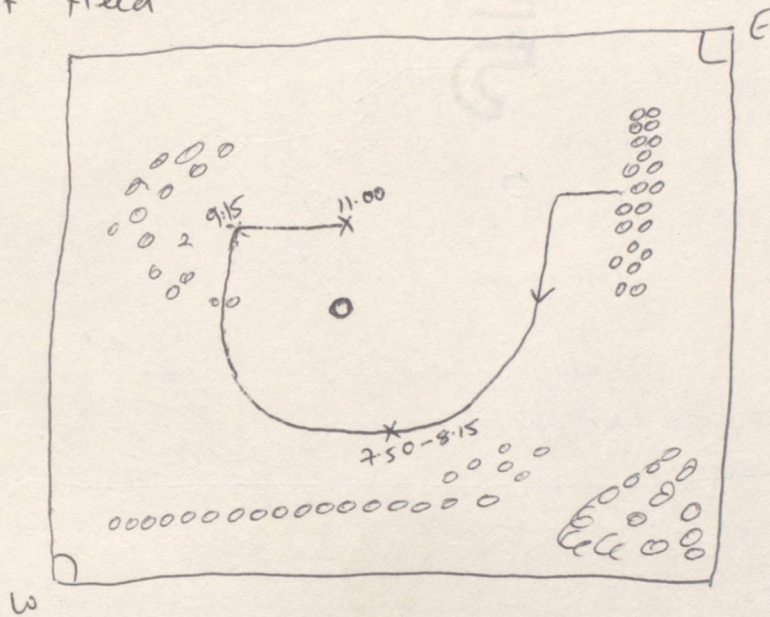
- 6.26. stopped. standing neck deflated
 6.27. foraging slowly often pausing to look around.
 6.39 foraging neck deflated.
 left field.

29/3.

- 6.00 a.m. Havalhad.
 6.05 ♂ foraging actively
 6.11 Fully inflated neck. Flapped wings. Resumed
 ↓ foraging neck deflated.
 6.52 Foraging neck deflated.
 6.53 Partly inflated neck. Raised wings. carried on
 foraging
 6.54. Fully inflated neck. flapped wings then deflated
 neck and foraging
 6.55 Foraging neck deflated
 7.25 stopped. standing neck deflated. appeared to have
 been scared or alerted by something
 7.29 standing neck deflated.
 7.30 started preening
 7.37 preening
 7.38 standing neck deflated.
 7.40 57 " " "
 7.58 Turned. Fully inflated neck. Shook feathers
 neck deflated. Took 3-4 steps. then standing
 8.00 started foraging very slowly
 8.04 standing neck deflated.
 8.05 Resumed foraging neck deflated - very slowly
 often pausing to C.A.
 8.13 " " " "
 8.14 standing neck deflated
 8.15 Foraging often pausing to look around.
 8.16 " " "

(43)

- 8:17 standing neck deflated
- 8:19 started foraging neck deflated.
- 10:09 Foraging
- 10:10 standing neck deflated
- 10:44 " " "
- 10:45 started foraging slowly
- 10:47 standing Neck deflated
- 10:56 " " "
- 10:57 started foraging o.u.s in tall grass
- 11:00 left field



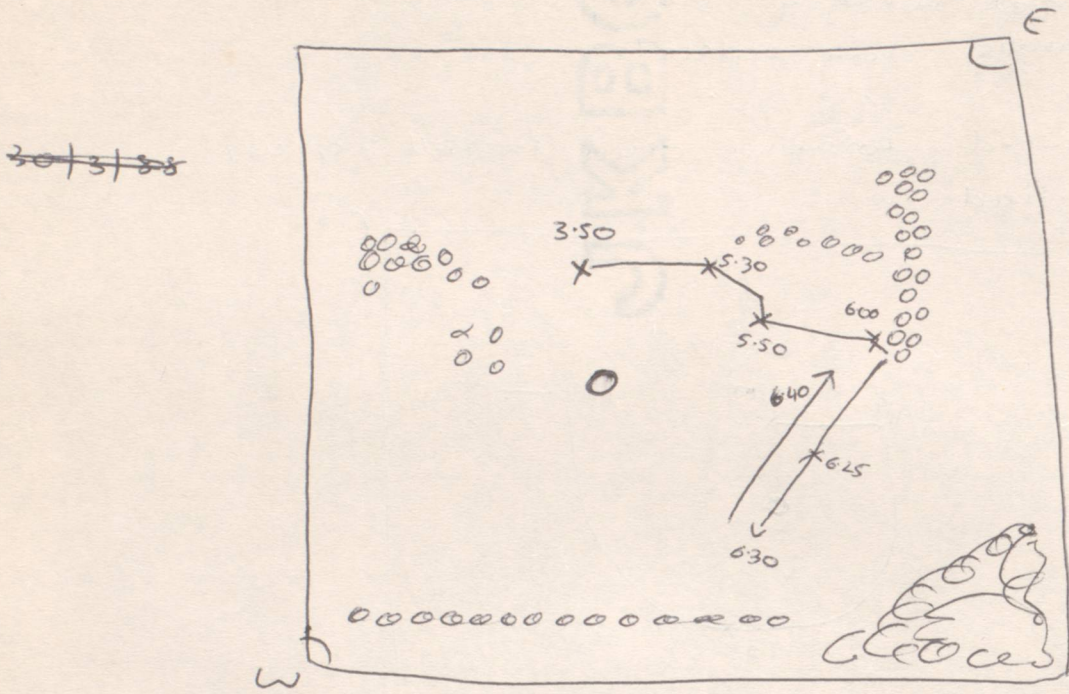
29/3/88

Evening

- 3:45 → Navahand
- 3:50 ♂ foraging neck deflated near where ~~seen~~ last seen this morning
- 3:55 Foraging slowly neck deflated
- ↓
- 6:06 Foraging slowly Neck deflated
- 6:07 standing. scratched head with foot. fully inflated neck deflated neck and then foraging
- 6:12 foraging neck deflated
- 6:13 standing Fully inflated neck sunset shook out feathers
Deflated neck and resumed foraging
- 6:21 Foraging neck deflated
- 6:22 standing neck deflated
- 6:23 " " "
- 6:24 foraging neck deflated.
- 6:31 stopped. standing neck deflated.

(94)

- 6.32 Foraging neck deflated
- 6.35 " " " slowly often partly to C.A.
- 6.41 stopped. standing neck deflated
left field.



30/3/88

Evening Satiana wind N/W →

- 5.05 CA located foraging south Satiana tree zone then O.U.S.
- 5.18 Foraged into rear display area
- 5.25 Foraging neck deflated.
- 5.26. standing neck deflated
- 5.27 Foraging slowly.
- 5.28 Peacock called loud. Standing neck partly inflated then deflated neck.
- 5.29 standing neck deflated
- 5.30 " " "
- 5.32 Single crow called twice. Standing. Fully inflated neck. Pen partly then deflated
- 5.42 started foraging
- 5.44 vehicles passing. Standing neck deflated
- 5.45 " "
- 5.46. standing neck deflated

- 5.47. Peacock called faint. Fully inflated neck and displayed. Neck fully inflated on landing. Deflated neck. Foraging back. Wing sound clear.
- 5.48. standing neck deflated.
- 5.53 started foraging.
- 5.54 standing Neck deflated.
- 5.55 " Neck fully inflated
- 5.56 Took few steps; Neck fully inflated and displayed landed Neck partly inflated. Few steps Neck fully inflated then deflated neck and foraging
- 5.58 stopped stand neck deflated.
- 5.59 Resum foraging neck deflated
- 6.03 Foraging neck deflated
- 6.04 standing Neck partly inflated
- 6.05 " Neck fully inflated. (as it about to display)
- 6.06 vehicles passed. Neck (deflated) to partly inflated.
- 6.07 Standing neck deflated. (vehicle had stopped. or disturbed)
- 6.08 standing neck deflated
- 6.09 started foraging neck deflated.
- 6.12 Foraging neck deflated. (sunset)
- 6.13 standing neck deflated.
- 6.15 Resum foraging "
- 6.17 stopped. standing neck partly inflated
- 6.18 standing Neck partly inflated ~~then HD.~~
- 6.19 " " "
- 6.20 standing Neck deflated.
- 6.21 " "
- 6.24 " "
- 6.25 started preening
- 6.26 standing
- 6.27 preening
- 6.28 standing neck deflated.
- 6.29 preening

- 6.30 Standing Neck deflated
 6.36 " then preening
 6.37. started foraging neck deflated
 6.38 standing neck deflated.
 6.39 Standing → took 2-3 steps Peacock called faint displayed W → E wing sound clear.
 6.40 StLA Neck deflated. Resumed foraging neck deflated
 6.44. Foraging neck deflated.
 6.45 left field.

3/13/88 Morning.

- 5.50 a.m. Satiana.
 ♂ standing head in shoulders.
 5.53 Peacock called medium. ♂ looked up Neck partly inflated then head back in shoulders.
 5.57 Peacock called medium + faint. ♂ looked up. Fully inflated neck and displayed. Standing Neck fully inflated. wing sound clear
 5.58 Foraging back. Neck partly inflated.
 6.02. standing neck partly inflated.
 6.03 Standing head in shoulders.
 6.10 " " " " " sunrise
 6.11 Foraging neck deflated
 6.15 Standing head in shoulders. Peacock called medium.
 6.16. looked up. Neck partly inflated, Peacock called loud ♂ displayed W → E wing sound clear.
 6.17 Foraging Neck deflated.
 6.22 " "
 6.23 Standing Neck partly inflated in the sun.
 6.25 Resumed foraging Neck deflated
 6.27 Flapped wings foraging "
 6.33 ♂ peacock foraged past (15-20 m) no reaction of either.
 6.40 foraging near west rd.
 6.45 Foraged into cut grass area from western corner.

- 6:55 Foraging neck deflated in cut grass area.
- 6:57. standing neck partly inflated.
- 6:58 Foraging neck deflated.
- 6:59. standing neck partly inflated.
- 6:7.00 Foraging neck deflated.
- 7:12 stopped standing neck partly inflated (in sunnily itself?)
- 7:15 resumed foraging neck deflated, slowly often pausing to look around.
- 7:25 stopped standing neck fully inflated. (after peacock called.)
- 7:26 " " "
- 7:27 Foraged little then " and ~~the~~ partly inflated.
- 7:28 standing neck fully and then partly inflated.
- 7:29. Ran beak few times through feathers. Ran + fluffed feathers and shook them out. fully inflated neck walked and ~~stretch~~ stretched wings. Ran foraging neck deflated.
- 7:30 Foraging neck deflated
- 7:34 47 " "
- 7:48 Took to flight from centre of cut grass area. flew over ^{rear} display area into South Satiana.
- Couldn't locate.
- 8:20 left field.

Evening.

4:30 → Satiana.

- 5:25 located ♂ foraging in south satiana.
- 6:5:35 Foraged into display area. Neck deflated.
- 5:40 Foraging slowly often pausing to look around.
- 5:43 standing in display area.
- 6:5:47 preened a little. standing neck deflated.
- 5:49 preening then shook out feathers. result preening
- 5:50 Preening.
- 5:52 standing neck deflated

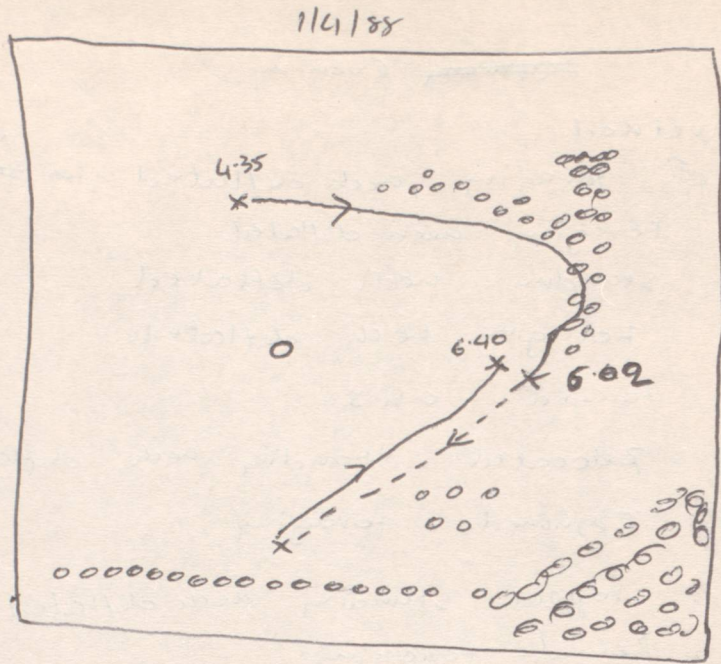
- 5.54 ♂ displayed. Neck fully inflated on landing (wing sound clear) then slowly deflated neck.
- 5.56 started foraging neck deflated.
- 5.58. Standing neck deflated. Peacock called medium. Fully inflated neck turned as it to display.
- 5.59 Deflated neck and commenced foraging
- 6.03. Stopped. standing neck deflated.
- 6.04. Foraging neck deflated.
- 6.05 Peacock called (medium). ♂ displayed. Neck fully inflated, standing neck deflated resumed foraging wing sound clear. 6 secs.
- ~~6.08~~ 6.06. Foraging neck deflated
- 6.11 Peacock called medium. standing neck deflated then foraging neck deflated.
- 6.13 Peacock called (medium faint) Foraging neck deflated. Peacock called (loud) ♂ displayed. Neck fully inflated on landing standing. wing sound clear.
- 6.14. started foraging neck deflated
- 6.15 Took to flight. another had (Sunset) flock in (but hadn't landed). Aerial chase over Satlana north then both flew off in direction of Chapra.
- 6.32 while leaving field. heard ♂ fly into Satlana area.

1/4/88 ~~Morning~~ Evening.

4:30 → Naval Kad.

- 4:35 ♂ foraging neck deflated in ~~South~~^{North} open area.
- 4:45 Foraging neck deflated.
- 4:54 standing neck deflated
- 4:55 Foraging neck deflated.
- 5:15 Foraged o.u.s.
- 5:19 Relocated. standing neck deflated in tree line (eastern)
- 5:22 Resumed foraging
- 5:48 stopped. standing neck deflated.
- 5:49. Resumed foraging
- 5:57 flapped wings. fully inflated neck. Then deflated neck and resumed foraging.
- 6:02 Took to flight. flew about 100m landed in west display zone. Flight ended in a display dive. No wing sound. 11.5 secs. (legs dangling)
- 6:03 standing neck deflated.
- 6:04 ♂ foraging.
- 6:05 flew and landed probably 5-7m. 3 chicks. No wing sound. Neck fully inflated on landing.
- 6:06 resumed foraging then o.u.s.
- 6:19 relocated standing in tall grass.
- 6:20 Foraging neck deflated.
- 6:32 Foraging.
- 6:33 Peacock called medium. Neck fully inflated. standing then neck partly inflated.
- 6:34 Neck deflated and foraging
- 6:35 Foraging neck deflated. Peacock called medium fully inflated neck. standing. took few steps neck fully inflated then neck deflated.
- 6:36. standing neck deflated.
- 6:37 started foraging
- 6:38 standing neck deflated
- 6:40 resumed foraging (left field)

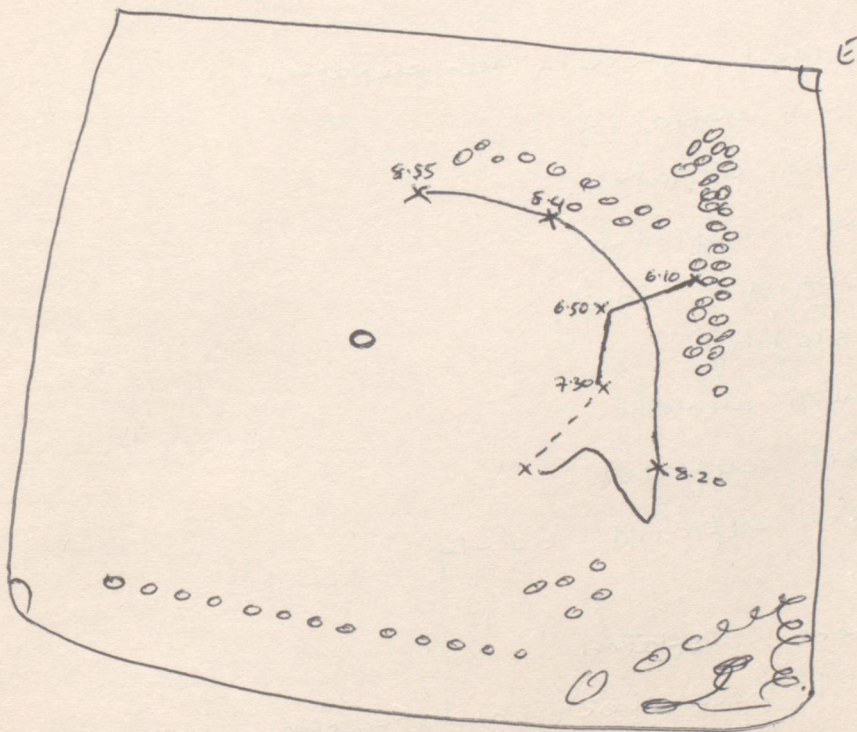
~~2/4/88 Morning.~~
~~6.00 → Navalhad.~~
~~6.04 sunrise~~



2/4/88 Morning.

- 6.00 Navalhad.
- 6.04 sunrise.
- 6.12 ♂ Florican foraging Neck deflated.
- 6.22 Foraged o.u.s.
- 6.53 located ♂ foraging
- 6.54 standing Neck deflated
- 7.10 started foraging. Paused. Fully inflated neck. Shook out feathers carried on foraging Neck deflated.
- 7.19. stopped. standing Neck deflated.
- 7.23 Preening.
- 7.24. standing neck deflated.
- 7.25 Peacock called (medium). Fully inflated neck. Took few steps Neck fully inflated.
- 7.26 standing Neck fully inflated. Pen deflated neck and scratched head with foot.
- 7.27 standing Neck deflated. scratched head with foot.
- 7.28 preening
- 7.29. Peacock called medium. standing Neck deflated. Peacock called medium.
- 7.30 Fully inflated neck. and displayed. Neck fully inflated on landing. Pen deflated neck and standing. wing sound clear. 6.5 secs.

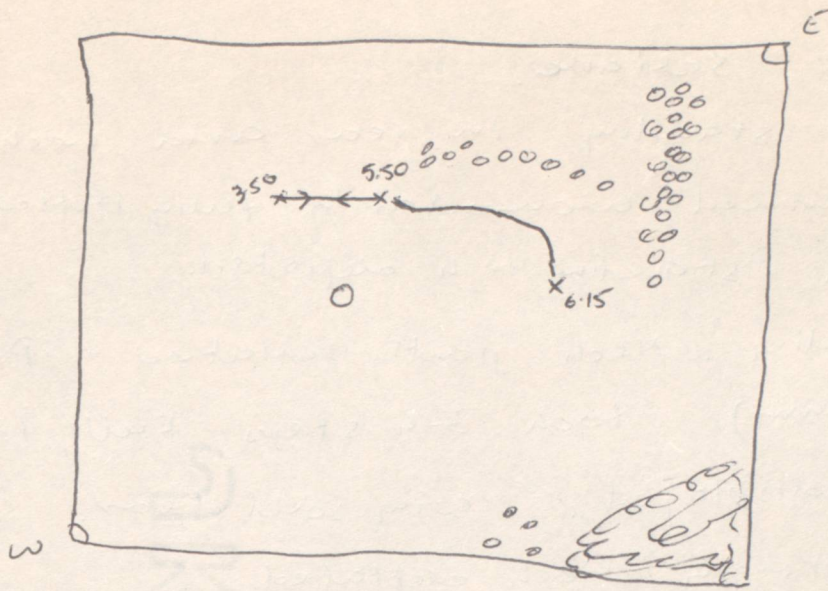
- 7:31 Foraging Neck deflated back.
- 7:34 stopped. standing neck deflated.
- 7:35 Foraging neck deflated slowly
- ↓ " " " often panting to look around.
- 7:42. stopped standing neck deflated. Fully inflated neck stuck out feathers. Deflated neck. Standing.
- 7:43 Resumed foraging. slowly.
- 8:10 Foraging actively
- 9:15 Foraging neck deflated. left field.



Evening.

- 3:40 → Navalkhad.
- 3:53 located or in area where last seen this morning. foraging.
- 3:54 standing neck deflated.
- 3:56 foraging neck deflated.
- 4:02 stopped. standing neck deflated in tall grass.
- 4:12 resumed foraging neck deflated.
- 4:41 standing neck deflated. panting.
- 4:16 resumed foraging slowly

- 4.18 stopped. standing neck deflated.
- 4.21 foraging and neck deflated slowly. often pausing to look around.
↓
- 4.48 standing. neck deflated.
- 4.50 Resumed foraging slowly often pausing to look around.
- 4.58 stopped standing neck deflated.
- 4.59 5.00 Resumed foraging slowly
- 5.05 Foraged 0.4.3.
- 5.12 relocated. standing neck deflated
- 5.14 resumed foraging
- 5.20 stopped. standing neck deflated.
- 5.24 resumed foraging slowly
- 5.27 ~~foraging~~ stopped standing neck deflated
- 5.28 standing neck deflated
- 5.29 Foraging neck deflated.
- 5.30 standing neck deflated.
- 5.32 started foraging slowly
- 5.38 foraging slowly
- 5.39 standing neck deflated
- 5.41 standing neck deflated
- 5.42 Foraging neck deflated slowly
- 5.43 " "
- 5.44 standing neck deflated
- 5.45 Fully inflated neck shook out feathers. standing neck deflated.
- 5.46. started foraging
- 6.17 Foraging neck deflated
- 6.18 standing neck deflated.
- 6.24 resumed foraging
- 6.30 stopped. standing neck deflated.
- 6.38 Resumed foraging
- 6.41 Foraging neck deflated.
left field.



4/4/88 Morning.

5.55 → satiana.

♂ foraging in rear area

- 6:00 Foraging neck deflated
- 6:02 Standing head in shoulders.
- 6:05 " " Peacock called (medium & faint) Sunrise
- 6:06. started walking Neck partly inflated
- 6:07 Fully inflated neck and walking. Peacock called medium Displayed. Neck fully inflated on landing. standing. wing sound clear. 5.5. secs.
- 6:08 Foraging neck deflated.
- [Swamp deer slightly startled by display]
- 6:11 standing. Peacock called medium. Neck fully inflated then deflated and started foraging
- 6:16 Foraging neck deflated → west.
- 6:35 Foraged. 0.4s.
- 6:43 relocated foraging neck deflated.
- 6:45 Flapped wings. Snapped with outstretched wing. 'chicked' twice. carried on foraging neck deflated
- 6:53 foraged into cut grass area
- 7:01 stopped standing Neck partly inflated. (peacock called medium)
- 7:02 standing neck fully inflated
- 7:06. vehicle. passed ♂ started foraging Neck deflated then standing neck deflated.
- 7:08 ♂ took to flight. 0.4s in south satiana.
- 7:35 ↑ tried relocation. 0.4s. left field.

Evening Satiana.

- 4.55 ♂ standing in rear area neck deflated.
- 5.06 Turned momentarily fully inflated neck then standing neck deflated.
- 5.10 standing. Neck partly inflated. Peacock called (medium) took 3-4 steps. Fully inflated neck and displayed. wing sound clear.
- 5.11 Foraging neck deflated.
- 5.12 standing neck deflated.
- 5.13 Foraging " "
- 5.15 stopped standing "
- 5.16 Peacock called (faint) ♀️ partly inflated neck then fully then partly
- 5.17 standing neck deflated
- 5.18 foraging
- 5.19 standing neck deflated
- 5.20 turned fully inflated neck briefly then standing neck deflated. Foraging neck deflated.
- 5.21 standing neck deflated.
- 5.24 Peacock called faint. Turned fully inflated neck took few steps fully inflated neck. standing. Then deflated neck.
- 5.25 standing neck deflated. ♀️ fully inflated neck took 2-3 steps and displayed. wing sound clear.
- 5.26 Foraging neck deflated.
- 5.31 standing neck deflated.
- 5.32 " " then partly and fully inflated.
- 5.33 stand neck partly inflated. ♀️ deflated neck and foraging
- 5.34 Foraging neck deflated
- 5.35 standing neck deflated.
- 5.36 Foraging " "
- 5.38 Foraging Peacock called medium. Fully inflated neck and displayed. wing sound clear
- 5.39 Foraging neck deflated

5.40 standing neck deflated.

[tiger attempted kill on swamp deer. Panic and great deal of calling]

5.41 Foraging neck deflated.

5.42 Peacock calling creating a din as tiger roared. S deer alarm calls. ♂ standing neck deflated.

5.43 standing neck deflated

5.44 started foraging ^{run} neck fully inflated and displayed. walked little neck fully inflated then deflated neck and carried on foraging. wing sound clear.

5.45 Foraging neck deflated

5.50 stopped standing. seem to be watching tiger pass 70-75 mts away.

5.51 resumed foraging

5.55 Foraging then stopped. standing neck deflated Peacock called (medium)

5.56 ♂ displayed. neck fully inflated on landing then foraging neck deflated

6.00 Foraged 0.45.

6.05 Foraging neck deflated eastern corner of display zone.

6.15 foraging

sunset

↓

6.32 Foraging left field.

7/4/88

Morning Navalkhad

5.50 →

5.52 Peacock called medium ♂ flew and landed in display drive c. 75-100 mts away. No wing sound.

5.53 foraging neck deflated

6.14 Foraging neck deflated. then inflated neck shook out feathers foraging neck deflated.

6.15 standing neck deflated

6.16 walked little. Peacock called medium. standing

- neck partly inflated
- 6.17 Deflated neck resumed foraging
- 6.19 standing neck deflated. preening.
- 6.21 started foraging
- 6.24 Displayed. MFI on landing. Res foraging
neck deflated. wing sound clear.
- 6.25 Foraging neck deflated.
- 6.35 stopped standing neck deflated
- 6.38 walking slowly
- 6.39 Displayed. wing sound clear. Neck fully inflated
on landing
- 6.42 Erected neck feathers made as if to display
- 6.44 Foraging
- 6.48 Foraging
- 6.49 foraging
- 6.50 Displayed. wing sound clear.
- 6.51 Displayed again. No wing sound. short flight
ended in display dive. Res started chasing ♀
in courtship display.

Similar to the lesser florican^{only} in that there
are 2 stages the chase and the climax of the
display. The ♂ fully inflates his neck and starts
running towards the ♀. The head is held low
and soon stops^{abruptly} and erects head (all the while
fully inflated). This stopping and erecting the head
is undoubtedly to relocate the ♀. Res again
the head is brought down and the ♂
begins running towards her.

on reaching the ♀ the ♂ stops (or may move
towards her) and shakes its head sideways this
motion causing the erected long neck feathers
to wave & laterally like a fan.

soon after ♀ flew and landed and landed
♂ followed and landed in a display dive
no wing sound.

Both 0.4.5 in tall grass.

- 7.04 ♂ displayed. Pen walking in head retract erect and retract sequence.
- 7.06 ♂ displayed no wing sound end display dive stand neck fully inflated then walked little in head retract and erect sequence.
- 7.07 ♂ displayed. No wing sound. End display dive
- 7.08 Displayed. wing sound clear. but ended in normal landing c. 75-100 mts away.
- 7.09 flew back. No wing sound and no dive. standing then walking neck fully inflated. Rose 2 flight over area where ♀ had disappeared.
- 7.11 ♂ displayed no wing sound. ended in display dive. on landing running in head erect and retract sequence
- 7.12 walking. / then standing neck fully inflated
- 7.13 Displayed. No wing sound end in display dive. Pen flew away from area of courtship activity
- 7.15 standing neck partly inflated
- 7.18 ↓ standing. slight preening ↓
- 7.30 ↓ standing and preening ↓ scratched head with foot
- 7.32 standing neck partly inflated
- 7.35 started foraging neck deflated
- 7.37 Foraging. Pen standing neck inflated
- 7.38 Displayed. NEI on landing. wing sound clear walked little neck inflated again displayed wing sound clear. neck inflated on landing
- 7.39 deflated neck standing
- 7.42 Foraging neck deflated
- 7.55 Fully inflated neck. shook out feathers. carried on foraging
- 8.43 Foraging neck deflated.
- 8.44. Flew landed in area where courtship display took place c. 150-200 mts.

- 8.47 Foraging neck deflated
 8.49 Displayed. wing sound clear. Neck fully inflated
 standing. the deflated neck and foraging ~~into~~
 8.51 Displayed wing sound clear. Then foraged
 into grass.
 8.55 0.4.5
 9.00 0.4.5
 9.05 0.4.5. left field.

Evening Nawalkhad.

4.30 →

- 5.38 located ♂ foraging in west display zone
 5.49 Foraging
 5.50 ♂ displayed. wing sound clear
 5.51 Foraging Neck deflated
 5.52 Foraging then standing neck deflated turned
 and displayed. wing sound clear
 5.53 Foraging Neck deflated
 5.56 Foraging neck deflated
 5.58 Peacock called medium & faint ♂ displayed
 wing sound clear.
 6.03 foraging
 6.04 Fully inflated neck shook out feathers walked
 little scratched head with foot. Then foraging neck deflated
 6.09 stopped standing neck deflated.
 6.10 Foraging neck deflated
 6.16 Foraging. Momentarily NFI then foraging
 6.18 Fully inflated neck. displayed wing sound clear carried
 on flying and landed in west territory. foraging NFD
 6.20 Foraging
 6.41 displayed wing sound clear (after peacock call)
 but carried on flying and normal landing in front
 of tree zone. standing neck deflated
 6.44 started foraging
 left field.

8/4/88

Mawalhal (Dr. Rahmani, Gantun & Qamar)

- 6:00 a.m. 2 birds, ♂ + ♀ flying ♂ behind ♀. ♀ landed near north eastern tree line. ♂ landed just east of Machan. ♂ landed in a display dive.
- 6:05 ♂ displayed. wing sound clear
- 6:10 ♂ displayed wing sound clear
- 6:14 flew less than 200 yds. No wing sound. flight ended in display dive.
- 6:15 Standing. Neck inflated
- 6:16 " "
- 6:17 " "
- 6:18 Started foraging Neck deflated
- 6:19 " " Neck deflated.
- 6:20 (Foraging) standing Neck inflated.
- 6:21 Foraging
- 6:23 Neck inflated. standing.
- 6:25 " Peacock call (F) no reaction.
- 6:26 Neck inflated standing.
- 6:27 Foraging.
- 6:29 standing neck inflated.
- 6:30 Peacock called loud. Displayed. wing sound clear.
- 6:31 standing Neck deflated
- 6:32 Foraging
- 6:38 Foraging. → 2 peacock calls (loud)
- 6:39 standing with semicochul tail. Neck inflated.
- 6:40 Inflated neck. standing. Peacock call (F)
- 6:41 resumed foraging.
- 6:43 standing neck inflated
- 6:44 started foraging
- 6:55 foraging.
- 6:56. standing. Neck inflated. ^{displayed} wing sound clear
- 6:57 Foraging.
- 7:06 Foraging.

- 7:07 Standing Neck inflated
 7:09 " " "
 7:10 Displayed. wing sound clear
 7:11. Foraging
 7:16. ~~stopped standing~~ foraging Peacock called
 7:19. Foraging twice.
 7:20 Standing with inflated neck.
 Displayed. back wing sound clear
 7:21 foraging
 ↓
 7:40 Foraging.

(61)

8/14/88 Morning

Satiana

- 5:45 ♂ foraging neck deflated
(neck partly fluffed - this ~~due~~ ^{due} to dew and chill)
- 6:00 foraged into Satiana west
↓
- 6:15 glimpses of ♂ foraging actively in Satiana west
- 6:22 crossed road back to Satiana
- 6:35 Foraged into display zone (rear)
- 6:36 Peacock & called faint. Fully inflated neck took 2-5 steps
- 6:39 Deflated neck foraging. Peacock called medium took displayed
Wingsound clear carried on flying and ended in display
dive well inside display zone. Flight 50-60 uls
- 6:40 foraging neck deflated
- 6:50 foraging in eastern corner.
- 6:57 7:00 foraging
- 7:01 standing neck partly inflated
- 7:02 " "
- 7:03 resumed foraging
- 7:06 Paused ^{Paused} fully inflated neck. Pen deflated and foraging
then again fully inflated neck Peacock called medium
displayed. No wing sound.
- 7:07 standing neck partly inflated
- 7:08 foraging neck deflated
- 7:11 stopped standing neck deflated
- 7:12 standing neck partly inflated
- 7:13 Neck deflated started foraging. stopped. standing
neck partly inflated
- 7:14 standing neck partly inflated
- 7:15 "
- 7:16 Turned fully inflated neck then MPI standing
- 7:17 standing neck partly inflated
- 7:18 standing neck deflated
↓
- 7:28 took 2-3 steps turned the partly inflated neck then
fully inflated neck and displayed. wingsound clear (5-8secs)

- 7-29 Foraging neck deflated
- 7-32 stopped standing neck deflated
- 7-34 started foraging
- 7-36 stopped standing neck deflated
- 7-39 started preening with cocked tail
- 7-48 stopped preening standing neck deflated.
- 7-49 standing neck deflated. Crow called. Neck fully inflated.
- 7-50 standing neck partly to fully inflated took a few steps
- 7-51 " " " "
- 7-52 " " " "
- 7-53 standing neck partly inflated. Displayed wing sound clear (6 secs). Foraging neck deflated
- 7-54 stopped standing neck deflated then fully inflated neck and then deflated neck.
- 7-57 resumed foraging
- 7-58 standing neck fully inflated then neck partly inflated
- 7-59 De deflated neck walked little turned standing fully inflated neck and displayed. wing sound clear 6.5 secs.
- 8:00 foraging neck deflated
- 8:06 standing neck deflated
- 8:07 foraging " "
- 8:08 standing " "
- 8:10 started preening
- 8:15 stopped. standing neck deflated
- 8:18 preening
- 8:19 standing neck deflated
- 8:22 preening
- 8:25 standing neck deflated
- 8:26 preened little. Scratched head with foot vigorously
- 8:27 standing neck deflated
- 8:28 preening
- 8:29 standing neck deflated
- 8:30 preening
- 8:31 standing ND

- 8:32 Fully inflated neck shook out feathers again preened.
- 8:33 standing neck deflated
- 8:34 Preening
- 8:35 standing neck deflated
- 8:36 ↓ started foraging
- 8:54 standing neck deflated
- 8:55 resumed foraging
- 9:10 Foraging moved into South Satiana 0.4.1
(left field)

Evening
Satiana

- 4:35 ♂ florican foraging in display zone
- 4:42 stopped. standing neck deflated
- 5:05 standing neck deflated
- 5:06 Peacock called medium. momentarily inflated neck then started foraging slowly
- 5:07 foraging slowly
- 5:13 " " Peacock called medium. momentarily inflated neck. then standing neck deflated
- 5:14 Peacock called (medium). fully inflated neck and displayed. wing sound clear. started foraging back neck deflated.
- 5:15 Foraging neck deflated
- 5:16 standing neck deflated
- 5:19 started foraging
- 5:21 stopped. standing neck deflated
- 5:28 started foraging
- 5:29 ↓ standing neck deflated
- 5:39 preened slightly
- 5:40 started foraging
- 5:44 stca neck deflated. momentarily fully inflated neck and displayed. Foraging neck deflated soon after landing. wing sound clear
- 5:45 Foraging neck deflated
- 5:50 stopped. standing. Crow called Fully inflated neck displayed wing sound clear. Neck inflated on landing then standing neck deflated

- 5.51 Foraging
 5.52 standing neck deflated
 5.55 resumed foraging
 5.56 Standing neck deflated. Then fully then partly inflated neck.
 5.57 standing neck deflated.
 6.00 started foraging
 6.02 foraging then standing neck deflated. Fully inflated neck and displayed. wing sound clear. standing neck deflated.
 6.04 standing neck deflated
 6.06 Peacock called loud. ♂ fully inflated neck turned then standing neck deflated.
 6.07 standing neck deflated
 6.08 Peacock called (loud). ♂ partly inflated neck then deflated. standing
 6.09 Foraging
 6.11 stopped standing
 6.13 standing. Harrier flew past. No reaction.
 6.14 standing neck deflated
 6.15 Peacock called faint. Fully inflated neck and abruptly kept turning facing North and then west. then neck deflated standing
 6.17 Peacock called medium Fully inflated neck and displayed wing sound clear
 6.18 Foraging neck deflated.
 6.20 standing neck deflated
 6.22 Foraging
 6.24 Peacock called medium standing neck fully inflated then partly inflated.
 6.25 standing neck deflated
 6.26 Foraging
 6.27 standing neck deflated. Peacock called medium fully inflated neck then partly then deflated.
 6.28 Peacock called loud. standing neck deflated. Peacock called faint neck partly inflated then displayed. wing sound clear. Foraging back neck deflated.

- 6.29 Foraging. Stopped. Fully inflated neck. shook out feathers then foraging
- 6.32 Stalling. Neck deflated. Peacock called medium and faint. Neck partly inflated and displayed. Color soon clear. Foraging soon after landing
- 6.35 pe stopped stalling neck deflated.
- 6.40 resumed foraging
- ~~6.45 foraging~~
- 6.42. Foraging. Alarm call of Sewamp deer. ♂ paired then resumed foraging
- 6.45 foraging.

left field.

13/4/88 Morning

- 5.40 satiana
- ♂ foraging in rear area towards west road
- 6.00 " SUNRISE
- 6.09 Peacock called (loud) ♂ fully inflated neck. Stalling. then deflated neck and carried on foraging
- 6.10 Peacock called (loud) ♂ fully inflated neck then Deflated. Foraging
- 6.20 Foraging neck deflated
- 6.30 Foraging "
- 6.32 Fully inflated neck. shook out feathers. Carried on foraging
- 6.36 Took to flight. landed in south satiana. (Flew from rear hide)
- 6.38 Foraging the out of sight
↓ (couldn't relocate)
- 7.24 ♂ flew from near west road and aerial chased another ♂. Both o'k. towards Navah al.

(66)

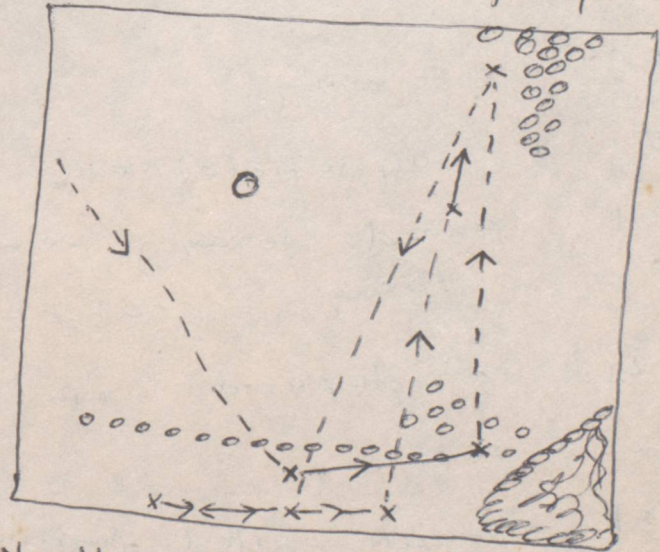
Evening. Sattava

- 5:20 ♂ foraging in west area of rear territory
- 5:38 stopped. standing neck deflated in shade of tree
- 5:40 foraged slowly
- 5:41 standing neck deflated
- 5:44 resumed foraging
- 5:47 standing in shade of tree. Neck deflated
- 5:49 started foraging
- 5:52 Peacock called (medium) ♂ standing neck inflated.
- 5:53 resumed foraging M.D.
- 6:05 made as if to enter display zone but turned back.
For some reason reluctant to ~~enter~~ ^{go to} the main display area.
- 6:08 foraging neck deflated in the periphery of display zone.
- 6:11 standing neck deflated
- 6:15 " " " Peacock called medium. Fully inflated neck and displayed. only sound clear (along periphery of display zone.)
- 6:16 Foraging back
- ↓
- 6:43 Foraging
- 6:44 standing neck deflated.

16/4/88 Evening

4:30 Navalkhad.

- 5:14. ♂ flew from North Navalkhad and landed in west just beyond tree line.
- 5:15 standing neck deflated.
- 5:23 ♂ started foraging
- 5:26 stopped. Standing neck deflated
- 5:32 resumed foraging
- 5:40 Foraged O.U.S.
- 5:56 ♂ flew from C.D area and landed in eastern tree zone.
- 5:57 Foraging neck deflated.
- 6:15 flew landed in beyond tree line west. (where had landed 1st time.
- 6:17 started foraging
- 6:27 foraged O.U.S.
- 6:29 Flew and landed in east Navalkhad
- 6:30 Foraging
- 6:48 Foraging
- 6:49 Peacock called (medium) ♂ displayed. wing sound clear carried on flying and ended in a display dive 60-75 mts away.



- 6:50 Foraging
- 6:51 standing neck deflated
- 6:54 started walking.

17/4/88

- 5:45 Navalkhad
- 6:00 sunrise
- 6:22 ♂ flew in from North Navalkhad and landed in south ~~Navalkhad~~ ^{Ekattana}. Standing Neck deflated.
- 6:24 started foraging.
- 6:25 stopped. started preening
- 6:27 Peacock called medium. ♂ turned fully inflated neck and displayed. wing sound clear. standing NFI

- 6.28 Started foraging Neck deflated.
- 6.30 standing Neck deflated
- 6.31 Peacock called (medium) ♂ turned. Fully inflated neck and displayed. wing sound clear.
- 6.32 standing neck deflated.
- 6.35 Partly inflated neck and displayed. wing sound clear 6.5 secs.
- 6.36 standing neck deflated.
- 6.37 Foraging
- 6.49. ♂ displayed. No wing sound.
- 6.50 foraging Neck deflated
- 7.13 Partly inflated neck stretched wings, carried on foraging
- 7.15 Foraging
- ↓
- 8.50 Foraged out of sight.

Evening.

- 4.50 → Navalkhad
- 5.03 ♂ flew out of North Navalkhad and landed in south
- 5.04 Foraging
- 5.10 fully inflated neck standing then partly.
- 5.11 resumed foraging neck deflated
- 5.15 Foraging out of sight
- 5.21 ♂ displayed wing sound clear
- 5.22 Foraging
- 5.51 Peacock called (medium). ♂ displayed. No wing sound.
- 5.52 ♂ flew and landed in a display dive. No wing sound.
- 5.53 standing neck deflated
- 5.55 walked. stopped. scratched head with foot resumed foraging.

- 6.14. stopped. standing neck deflated.
- 6.20 standing neck deflated. Pen partly inflated neck. turned. fully inflated neck and displayed. wing sound clear. 6 secs.
S → N. wind. N → S.
- 6.21 standing neck deflated.
- 6.23. Peacock called (medium). Fully inflated neck and displayed, wing sound clear 7 secs.
- 6.24 Peacock called (medium) Fully inflated neck and displayed. wing sound clear. 5.5 secs.
- 6.25. standing neck deflated.
- 6.27. started foraging
- 6.28 standing neck deflated.
- 6.29 foraging neck deflated.
- 6.32 standing neck deflated
- 6.34 started foraging
- 6.35 standing neck deflated
- 6.37 started foraging
- 6.40 standing neck deflated
- 6.45 " " "
- 6.50 " " (left field)

19/4 188 morning
overcast / drizzly windy N → S

5.50 → setiana.
↓ couldn't locate ♂

- 6.46 Peacock called loud
♂ displayed in eastern corner of rear display area. wing sound clear. S → N.
stands standing neck inflated. then deflated.
- 6.50 started foraging
- 6.54 stopped. Fully inflated neck momentarily. Pen deflated.

69 70

- 6:58 standing neck deflated. tail partly cocked
6:59 " head withdrawn "
7:00 Peacock called (medium) momentarily fully
inflated neck. Then deflated.
7:01 standing neck deflated.
7:02 " " head withdrawn.
↓ tail slightly cocked
7:09 Fully inflated neck shook out feathers.
7:10 standing head withdrawn
7:18 started foraging
7:22 Turned. Neck partly inflated then fully then
partly
7:23 standing neck deflated. tail cocked
7:27 head withdrawn. standing. tail partly cocked
7:36 started foraging
7:38 standing tail partly cocked
7:41 Foraging neck deflated
7:43 turned into wind and displayed. wing soul clear.
7:44 Foraging neck deflated
7:46 Peacock called (medium) ♂ standing facing wind
neck fully inflated.
7:47 Displayed. wing soul clear. Then foraging
neck deflated.
7:50 Foraging
7:57 standing neck deflated
7:58 " neck partly inflated
7:59 Foraging neck deflated
8:02 stopped. standing neck fully and then partly
inflated.
8:05 " "
8:04 Preened little scratched head with foot
8:05 standing neck deflated
8:06 standing neck fully inflated walked little
then neck partly inflated

(70) (71)

- 8:07. Standly neck partly inflated. Peacock called (loud) displayed into wind. wing sound clear. 6 secs.
- 8:08 Foraging neck deflated. Then standly neck ~~partly~~ inflated deflated. Peacock called medium ♂ partly inflated neck.
- 8:09 Displayed. wing sound clear. Then foraging back neck deflated.
- 8:10 Foraging
- 8:12 stopped. Standly neck deflated.
- 8:15 Foraging
- 8:19 standly Neck deflated.
- 8:21 started foraging
- 8:24 stopped. standly neck deflated.
- 8:25 standly Neck deflated
- 8:26. Partly then Fully inflated neck.
- 8:27 standly neck partly inflated (wind stopped)
- 8:28 standly neck deflated.
- 8:30 Preening.
- 8:32 standly neck deflated.
- 8:37 Foraging started.
- 8:45 Foraged into South Sattara O.U.S.
- 8:55 left field.

Evening.

- 4:50 → Sattara.
- 5:15 ♂ foraged into Sattara cut grass area.
- 5:26 stopped. standly neck deflated.
- 5:28 Foraging
- 5:29 standly neck deflated.
- 5:30 Foraging.
- 5:31 standly neck deflated.
- 5:32 Stretched wings
- 5:33 Took to flight landed in rear display area.
- 5:34 standly neck deflated.
- 5:41 Preening

72

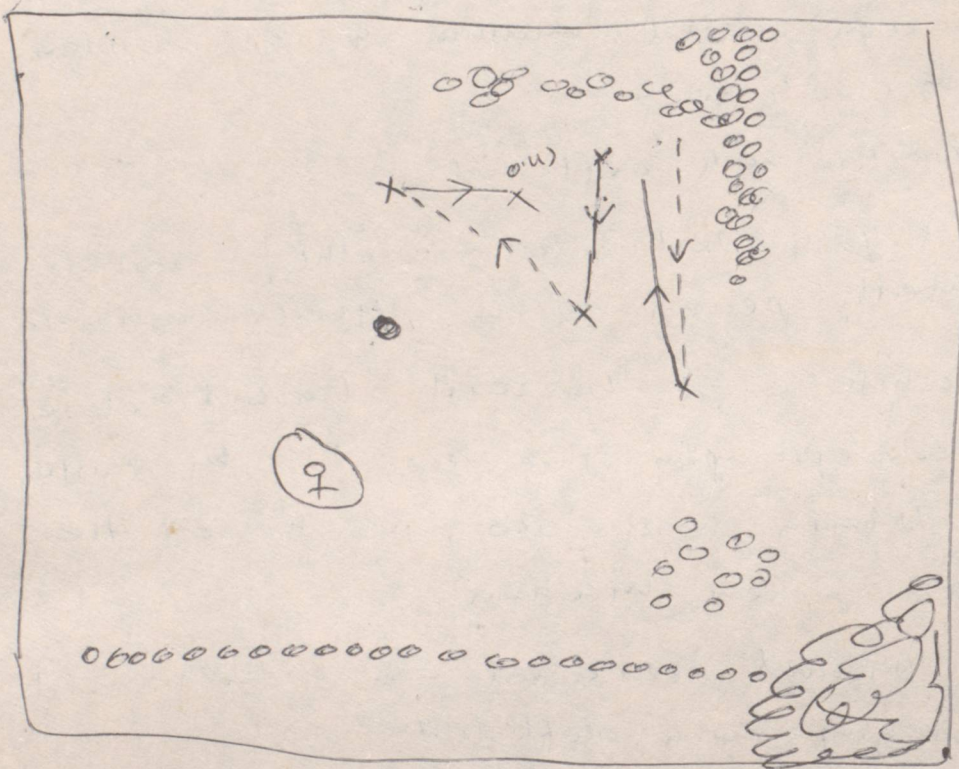
- 5.42 standing neck deflated.
- 5.43 Preening.
- 5.44 Foraging neck deflated.
- 5.49 Stopped. standing neck deflated.
- 5.56 standing neck deflated. Then partly inflated neck and displayed. wing soul clear. soon standing neck neck deflated.
- 5.57 Foraging back.
- 5.58 standing neck deflated.
- 5.59 Foraging.
- 6.00 standing neck deflated. Peacock called (medium)
- 6.01 Took two steps Neck fully inflated. Turned. Neck partly inflated. displayed wing soul clear. 6.07cs
- 6.02 Foraging
- 6.03 Foraging Peacock called medium. Stopped. standing neck deflated.
- 6.04 Foraging. Peacock called Faruk. Turned. Fully inflated neck and displayed. wing soul clear. 6.45cs
Foraging back neck deflated.
- 6.11 stopped standing neck deflated.
- 6.14 standing neck fully inflated then Partly inflated
- 6.15 standing neck deflated.
- 6.22 standing neck fully inflated.
- 6.23 deflated neck standing.
- 6.28 started foraging
- 6.30 stopped standing neck deflated
- 6.35 Partly inflated neck displayed wing soul clear.
- 6.36 Foraging
- 6.43 stopped standing neck deflated.
- 6.52 standing neck deflated.

2014/88 Morning.

- 5.35 → Mavalkhal
 5.45 - sunrise
 5.47 located ♂ foraging in front of eastern tree zone.
 5.50 Foraging neck deflated slowly
 5.53 Peacock called loud. Momentarily Fully inflated neck and displayed. wing sound clear.
 5.54
~~6.01~~ Foraging neck deflated
 5.57 Peacock called medium & ♂ displayed. wing sound clear. 6.4 secs.
 5.58
~~6.02~~ Foraging neck deflated.
 ● 6.02 ♂ began pecking at something most likely a lizard. Repeatedly pecked at it. Littered it once in its beak.
 6.03 A white eyed buzzard landed close to the ♂ who promptly threatened it by raising wings up and bringing head low. Then the ♂ flew off and landed near mahan
 6.04 The buzzard remained near the lizard.
 6.05 Foraging neck deflated.
 ● 6.09 ↓ Standing neck partly inflated
 6.11 ↓ Standing neck deflated
 6.12 " " "
 6.19 ↓ Not observed
 6.19 Foraging neck deflated
 6.23 ♂ foraged out of sight
 ↓ 0.4.13
 6.40 located ♀ standing in west Mavalkhal
 6.57 ♀ started foraging
 6.58 ♀ standing
 6.59 ♀ foraging
 7.00 ♀ standing tail coiled possibly wet with dew
 7.04 ♂ flew into ~~territory~~ display zone. Probably had left territory as had heard faint chicking when lost sight of ♂. ♀ standing

(74)

- 7:05 ♂ foraging neck deflated ♀ standing
- 7:07 ♂ stopped. standing neck deflated. ♀ standing both c. 100 mts apart.
- 7:08 ♂ started foraging. ♀ foraging then standing
- 7:10 Both foraging
- 7:30 ♂ foraging neck deflated ♀ foraged o.u.s.
- 7:50 ♂ foraged o.u.s.
- ↓
- 8:05 o.u.s left tied.



Evening.

- 4:45 Navakhed
- 4:35 Navakhed
- 5:05 ♂ foraged into display zone from the west
- 5:10 Foraging neck deflated. Panting
- 5:50 ↓ Foraging neck deflated.
- 5:53 standing neck deflated
- 5:54 Fully inflated neck and ~~displayed~~ ^{displayed}. Then foraging neck deflated. wing sound clear. 6 secs.
- 5:55 Foraging neck deflated
- 5:58 stopped. standing neck partly inflated. Displayed. wing sound clear 7.6 secs. Foraging neck deflated.
- 6:02 stopped. Fully inflated neck and displayed. wing sound clear. Extended into flight and ended in display dive. 14.8 secs. landed in west display zone.

- 6:03 Foraging neck deflated
- 6:07 Took to flight. circled beyond eastern tree line and landed in east (1987) display zone.
- 6:08 fully inflated neck. shook out feathers. started foraging neck deflated.
- 6:10 Foraging neck deflated
- 6:27 Foraging neck deflated. sunset.
- 6:30 Foraging neck deflated.
- 6:33 Took to flight landed next to eastern tree zone
Took to flight with 3-4 wing beat sound. No display dive. 19 secs.
standing neck inflated. then deflated.
- 6:35 started foraging.
- 6:36 standing neck deflated.
Took to flight with wing sound (3-4) flew 75-100 mts landed in display dive in west display zone. 18.5 secs.
- 6:37 standing neck deflated
- 6:39 " "
- 6:41 started foraging
- 6:43 stopped. standing neck deflated
- 6:45 started foraging neck deflated.
- 205 6:55 Foraging. left machan.
- 6:59. Heard. ♂ display. 4-5 chicks. but no wing sound.

22/4/88 Morning

- 5:25 Satlana. ♂ standing neck deflated in cut grass area neck deflated.
- ~~5:29~~
- 5:30 standing neck partly inflated.
- 5:35 ↓ " "
- 5:39 Peacock called medium. fully inflated neck and displayed. wing sound clear.
- 5:40 Foraging neck deflated.

- 5:43 standing neck deflated
- 5:47 Foraging neck deflated into rear display zone
- 5:00 stopped. standing neck deflated
- 6:02 Foraging neck deflated
- 6:06 standing neck fully and then partly inflated
- 6:08 Foraging neck deflated
- 6:09 Peacock called medium. Standing neck partly then fully inflated
- 6:10 standing neck partly inflated cocked tail (probably drying itself as the grass was drenched with dew.)
- 6:15 standing neck partly inflated. Tail cocked Peacock called medium. Fully inflated neck.
- 6:16 standing neck partly inflated. Tail cocked.
- 6:25 standing. Fully inflated neck. Tail cocked then partly inflated. Tail cocked.
- ↓
- 6:32 stand. preening
- 6:34 standing neck partly inflated. Tail cocked
- 6:36 started foraging
- 6:37 standing neck partly inflated
- 6:38 Peacock called medium. Displayed. wing sound clear 6 secs.
- 6:39 Foraging back. Neck deflated
- 6:43 stopped. standing neck partly then fully inflated
- 6:44 started foraging neck deflated.
- 6:45 standing neck partly and then fully inflated tail cocked.
- 6:46 "
- 6:47 walking & stopped standing neck fully inflated.
- 6:48 peacock called loud. displayed wing sound clear 8.1 secs. standing neck partly inflated tail cocked
- 6:49 standing neck partly inflated tail cocked.

- ↓
- 6:28 7:02 ♂ standing neck partly ~~inflated~~ tail coiled
- 7:03 peacock called loud, displayed. wing
- Soul clear. 5.5 secs.
- 7:04 ♀ standing. Neck deflated.
- 7:10 started foraging. "
- 7:25 Foraged in direction of South Satiana.
- 0.4.5.
- 7:30 0.4.5
- 7:50 left tree.

Evening.

- 4:05 Satiana.
- 4:33 ♂ foraged into display zone from south Satiana
- 4:34 standing at edge of display zone. Neck deflated
- 4:38 raised wings and stretched
- 4:39 standing neck deflated
- 4:40 started foraging neck deflated
- 4:43 standing neck ~~deflated~~ deflated
- 5:02 started foraging
- 5:11 stopped. standing neck deflated
- 5:12 Foraging
- 5:13 standing neck deflated then inflated then deflated
- 5:14 peacock called medium. ♀ fully inflated neck and pivoted around a full circle with neck fully inflated.
- 5:15 Foraging neck deflated
- 5:16 standing neck deflated
- 5:20 Partly inflated neck then fully then deflated standing
- 5:23 standing neck partly then fully inflated.
- 5:24 Fully inflated neck and displayed wing soul clear. 5.5 secs 5 chicks.

- 5.25 standing neck inflated shook out feathers.
 5.26 started foraging
 5.29 standing neck deflated
 5.30 Foraging neck "
 5.38 standing neck "
 5.39 Foraging " "
 5.42 standing " "
 5.43 Peacock called loud. ♂ displayed wing
 sound clear. Ren foraging neck deflated.
 5.44 foraging
 5.45 standing neck deflated
 5.46 Foraging " "
 5.48 standing " "
 5.50 Peacock called medium. ♂ fully inflated
 neck and displayed. wing sound clear. Neck partly
 inflated on landing the fully inflated. Shook out
 feathers and started foraging. Neck deflated.
 5.51 Foraging neck deflated
 5.57 Peacock called loud. stopped. standing neck fully
 inflated and displayed. wing sound clear. Ren
 foraging neck deflated
 6.00 Foraging neck deflated
 6.11 standing neck deflated. Peacock called loud ♂ fully
 inflated neck momentarily and displayed. wing sound
 clear. Ren foraging neck deflated
 6.12 Foraging neck deflated
 6.18 Foraged next to 1 ♀ s. beer both undisturbed
 6.22 standing neck deflated
 6.23 standing neck partly then fully inflated.
 6.24 standing neck deflated
 6.28 Foraging " "
 6.29 standing " "
 6.31 Peacock called faint. Partly inflated neck then
 deflated. Crow called fully inflated neck

- 6.32 Deflated neck. Peacock called medium Fully inflated neck and displayed. 6.2 sec wry soul clear 6 chicks. Ren soon starting neck deflated
- 6.33 walked little standing neck deflated.
- 6.34 Peacock called loud fully inflated neck and displayed wry soul clear. 5 chicks.
- 6.35 Foraging
- 6.36 standing neck deflated
- 6.37 Foraging. Peacock called medium standing neck fully inflated then deflated.
- 6.38 Foraging neck deflated. Peacock called loud. Fully inflated neck and displayed. wry soul clear. 6.1 sec 6 chicks. Soon deflated neck and started foraging
- 6.41 standing neck deflated
- 6.44 Foraging neck deflated. Peacock called loud Fully inflated neck and displayed. wry soul clear. 5.5 sec 4 chicks. Ren foraging neck deflated.
- 6.45 Foraging
- 6.46 standing neck deflated
- 6.47 Foraging
- 6.48 standing neck deflated.
- 6.50 " " left tired.

23/4/88

5.40 → Navaikhaw

5.45 sunrise

6.13 ♂ flew in from western cover beyond tree line and landed in territory

6.14 Foraging neck deflated

↓

6.52 Foraging

6.53 took to landed in west Navaikhaw. Another ♂ had landed soundlessly. ♂ chased intruder ~~off~~ with tail cocked + mantle feathers raised. Other ♂ running away no threat posture.

6.55 "

6.56 A ♀ flew ~~and~~ ka from before the 2 ♂s and landed in north Navaikhaw

6.57 chasing ♂ flew and landed in front of chased ♂. then chase carried on.

↓

⊙ neck not inflated.



Threat posture.

7.00 passive ♂ took to flight being chased by other ♂. Flight took them east then north well beyond forest line

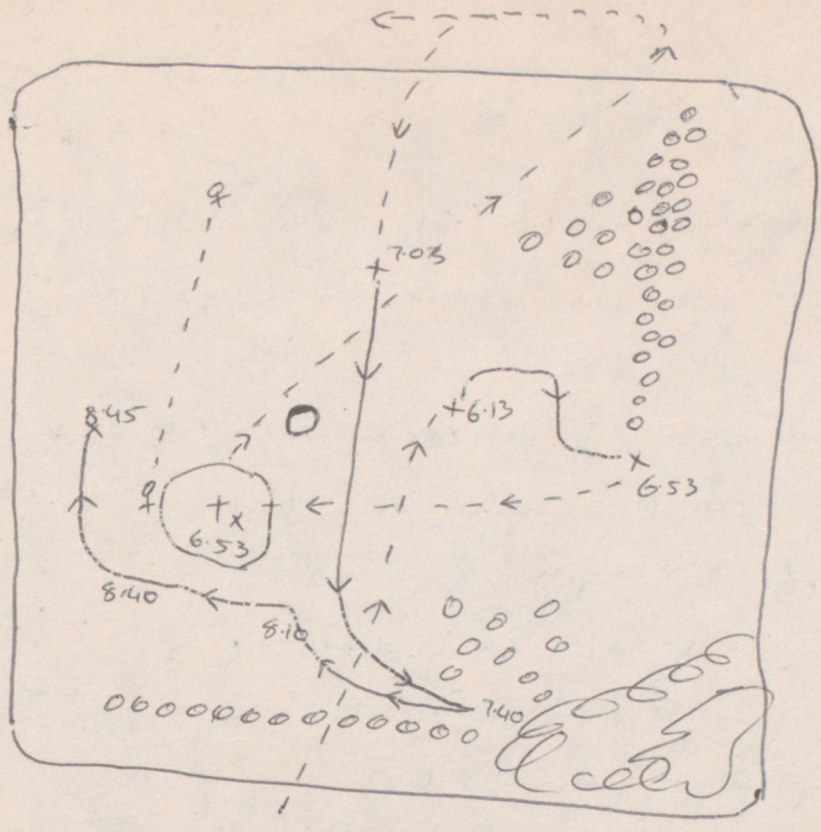
7.03 1 ♂ flew back and landed east of machan

7.04 Foraging neck deflated

↓

9.00 Foraging neck deflated

left field.



Evening

- 5:00 Navakhad
- 5:15 glimpsed ♀ North Navakhad.
- 5:24 heard 3-4 faint chicks.
- 5:27 2♂ flew in from towards chapra. A 3rd ♂ joined them from beyond east tree zone. All three threat display
- 5:35 still parallel walkly. 2♂ mantle raised tail cocked 3rd not raised or cocked. The 2 appear to be chasing the 3rd ♂
- 5:41 1♂ took to flight, first south then appeared to veer towards Chapra
- 5:42 1♂ possibly other also took to flight. disappeared in direction of Satiana o.u.s.
- 6:20 1♂ flew in from towards satiana landed behind eastern tree zone.
- 6:21 Foraging neck deflated. Panting. moving slowly
- 6:25 Foraging " " slowly
- 6:29 sunset " " "
- 6:37 Foraged " " o.u.s.
- 6:50 left feedlot.

20/4/88

5:20 satrara.

↗ standing neck deflated in cut grass area.

5:25 started foraging stretched wings carried on foraging
↓ o.i.s.

5:38 Relocated foraging in rear display area

5:41 stopped. Standing neck deflated

5:44 started foraging

5:47 stopped standing neck deflated.

5:49 standing neck partly inflated.

5:52 standing neck deflated

5:54 standing neck partly inflated

5:57 " neck deflated

6:10 Peacock called medium. ↗ standing partly inflated neck.

6:14. Standing neck deflated.

↓
6:27 standing neck partly inflated.

6:30 ↓ " neck deflated.

6:32 crow called. Fully inflated neck.

6:53 crow still calling " " " then deflated.

6:54 standing neck deflated.

7:08 Peacock called faint. ↗ turned partly inflated neck then
standing neck deflated

7:11 started foraging

7:14 standing neck deflated.

7:19 foraging

7:23 stopped. standing neck deflated

7:26 started foraging

7:35 Foraged into south satrara. o.i.s.

↓
8:00 couldn't relocate left field ↗ possibly flew further
south as ^{had} saw a glimpse of white through trees about

7:35 - 7:40

Evening

- 4.20 Satiana.
- 4.35 ♂ foraged into display zone from south satiana.
- 4.37 stopped standing neck deflated
- 5.07 Fully inflated neck. walked little. Ren displayed
wily soul clear.
- 5.08 Foraging back
- 5.11 standing neck deflated
- 5.14 preening
- 5.17 standing neck deflated
- 5.27 fully inflated neck and pivoted all around.
- 5.28 partly then fully inflated neck.
- 5.29 standing neck deflated.
- 5.31 " " partly inflated
- 5.32 " " Fully inflated
- 5.33 Fully inflated neck displayed. Foraging back
5.8 secs. wily soul clear 6 chicks.
- 5.35 2 ♂s flew in and landed. In the air one behind
tried to attack the one in front.
- 5.36 Satiana ♂ joined them by flying across
- 5.38 1 ♂ repeatedly rushes another who gets away by
↓ running ahead with outstretched wings.
- 5.42 1 ♂ flew then another. Both in direction of
Navalkhad
- 5.43 Satiana ♂ standing neck deflated.
- 5.44. started foraging
- 5.53 stopped. Standing neck deflated
- 5.55 Peacock called faint. Fully inflated neck then deflated.
- 6.03 started foraging
- 6.08 ♂ displayed. No wing sound. Ren started running in
↓ courtship chase. Head shaking at the end. Head shaking
6.08 was done while the ♂ was moving towards ♀ (whom
I did not see)
- 6.10 ♂ flew and landed near unburnt/uncut grass.
- 6.11 Both ♂s flew in from Navalkhad. Satiana ♂
joined in aerial chase then all 3 landed

- 6:13 1♂ flew then another then the 3rd. 2 flew off in direction of Navahad. Satiara ♂ made a circle and landed in rear display zone.
- 6:15 a circle and landed in rear display zone.
- 6:19 standing neck deflated
- 6:20 started foraging
- 6:24 Peacock called medium ♂ stood neck fully inflated
- 6:25 standing neck deflated, sunset.
- 6:31 started foraging
- 6:32 standing neck deflated
- 6:35 " " then lost sight of ♂.
- 6:40 ♀ flew from where C.D had taken place over south Satiara, ♂ flew behind and landed in south Satiara. O.H.S.
- 6:50 O.H.S.
left field.

29/4/88

- 5:25 → Navahad.
- 5:34 1♂ flew from beyond eastern tree line the other ♂ from eastern corner. Both circled over west display zone and flew off in direction of Satiara / chepra. O.H.S.
- 5:50 (Earlier heard faint chirping possibly 1♂ or both had come back)
1♂ flew from eastern corner and landed in front of tree zone
- 5:51 walking / running
- 5:54 other ♂ flew in from beyond tree line.
Agonistic interaction commenced
- 5:56 ♂ being chased flew followed by other. both ♂s in direction of Satiara. O.H.S.
- 6:22 located ♂s flying one behind the other coming in from western side and flew off in direction of Satiara O.H.S.

6.44. Glimpse of aerial chase over forest in the direction of Satrana

7.07 heard chirchly then located 1 ♂ foraging south grass patch

7.10 foraging neck deflated

7.35 Foraged o.u.s.

↓ o.u.s.

8.20 left field.

4 Evening

4.45 → Navalhead.

6.32 ♂ flew in and landed in southern corner (only saw landing)

6.33 standing neck deflated

6.34 started foraging then o.u.s.

6.50 o.u.s.

left field.

1/5/88

5.20 → satrana.

5.27 ♂ displayed wing sound clear

Not observed

5.36 ♂ foraging neck deflated

5.39 standing neck deflated

5.41 Foraging " "

5.42 standing " " (swamp deer alarm call close by)

5.43 Foraging east.

5.46 3 ♂s flew in (silently) from the direction of Chapra (or madras) 2 close to each other third a little behind. Satrana ♂ took to flight and joined others. 1 ♂ (of the 2 close to each other) mobbed the other in the air. All 4 landed in cut grass area.

5.49 3 ♂s agonistically threatening each other. 1 ♂ standing / ~~with~~ walking c. 50m away not involved in the squabble

- 5:53 3 ♂s took to flight. one landed in Satiama west probably other also.
- 5:54 4 ♂ standing neck deflated.
- 5:57 4 ♂ also flew and lost start of over Satiama west.
- ↓ o.u.s.
- 6:49 ♂ flew in and landed in centre of display zone. Located 'chiching' over Satiama west. Fully inflated neck on landing then standing neck deflated.
- 6:51 standing neck deflated
- 6:56 started foraging " "
- 6:58 standing " " as vehicle passed
- ↓
- 7:03 Peacock called medium. Partly inflated neck then standing neck deflated.
- 7:06 started preening
- 7:11 stopped. standing neck deflated
- 7:14 resumed preening
- 7:17 preening then scratched head with foot.
- 7:18 started foraging
- 7:22 peacock foraged 15-20 mts away no reaction by either
- 7:23 foraging into south Satiama
- 7:26 foraged into south Satiama.
- 7:29 o.u.s
- ↓
- 7:50 o.u.s left field

Evening

- 4:20 → Satiama
- 4:28 ♂ foraged into edge of display zone from south Satiama.
- 4:30 standing neck deflated. Panting.
- ↓
- 4:46 preened slightly then started foraging
- 4:47 scratched head with foot then foraging
- 4:51 standing neck deflated behind shrub (in shade)

- 5:01 peacock called medium fully inflated neck then deflated.
- 5:03 standing neck deflated. crow called. Fully inflated neck.
- 5:04 standing neck deflated
- 5:26 Peacock called medium Fully inflated neck then partly
- 5:27 standing neck deflated
- 5:28 Foraging " " "
- 5:29 Peacock called medium Fully inflated neck then deflated. Peacock called medium Fully inflated neck.
- 5:30 standing neck fully inflated. displayed wing sound clear. 5.5 secs
- 5:31 standing neck deflated. Then foraging
- 5:34 stopped standing neck deflated
- 5:35 started foraging " "
- 5:39 standing neck deflated. (back in place from where it had displayed from)
- 5:42 peacock called medium Fully inflated neck and displayed. 5.5 secs. 5 chicks wing sound clear.
- 5:43 standing neck deflated
- 5:48 peacock called faint. Fully inflated neck and displayed. wing sound clear 6 secs. 6 chicks.
- 5:49. Foraging neck deflated
- 5:54 standing " "
- 5:56. Foraging " "
- 5:57 standing " "
- 6:09 " " " peacock called medium. momentarily partly inflated neck then deflated neck
- 6:10 scratched head with foot. standing neck deflated
- ~~6:17~~ 6:17 standing neck partly inflated
- 6:18 vehicle passing standing neck deflated
- 6:21 peacock called faint. Neck fully inflated
- 6:22 standing neck deflated
- 6:28 peacock called medium Fully inflated neck then deflated

- 6:29 crow called. ♂ Fully inflated neck and displayed. wing sound clear. 5-8 secs 6 chicks
- 6:30 Foraging neck deflated
- 6:31 standing neck deflated
- 6:32 Foraging back " " sunset
- 6:36 standing neck deflated
- 6:38 peacock called loud ♂ fully inflated neck and displayed wing sound clear 5.4 secs. 5 chicks.
- 6:39 standing neck deflated
- 6:43 Peacock called medium ♂ fully inflated neck and displayed wing sound clear 5.5 secs 5 chicks
- 6:44 not visible.
- 6:45 Foraging neck deflated.
- 6:49 " " "
- 6:53 left feed. Foraging
- 6:54 standing neck deflated
- 6:55 " " " "
- left observation point.
- 7:02 heard ♂ display from rd.

3/5/88

- 5:20 Naval heard.
- 5:30 Peacock called medium. located ♂ standing neck fully inflated.
- 5:31 Took to flight. landed in east spare tree area.
- 5:32 (60-75 uts) standing neck deflated
- 5:33 Foraging " "
- 5:40 Foraging " " the standing. peacock called medium ♂ partly inflated neck.
- 5:41 standing neck fully inflated. walking neck fully inflated
- 5:42 Foraging neck deflated
- 5:44 standing neck fully then partly inflated.
- 5:45 walking " " " " "
- 5:46 walking neck deflated. peacock called medium neck fully inflated standing.

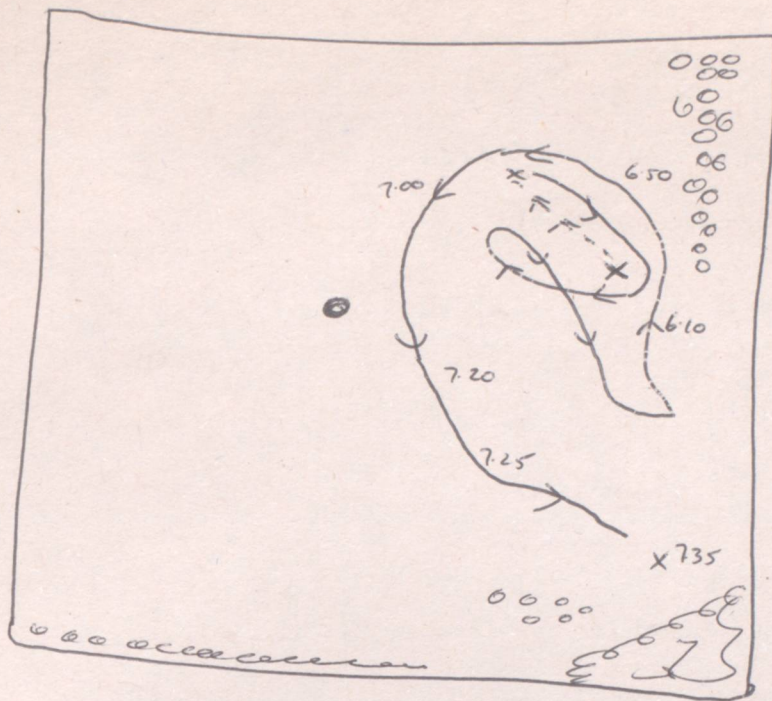
- 5:47 walking neck fully and partly inflated
- 5:48 " " "
- 5:49 standing on rat sand mound. Neck fully inflated
- 5:50 " " " "
- 5:51 standing neck partly inflated then walking neck partly inflated then standing neck fully inflated then walking neck partly inflated.
- 5:52 standing neck fully inflated. Then walking neck partly inflated.
- 5:53 standing neck partly inflated. Then walking neck deflated. Then walking / standing neck fully and partly inflated.
- 5:54 walking / standing neck partly & fully inflated.
- 5:55 " " "
- 5:56 Foraging neck deflated
- 5:57 standing neck partly inflated
- 5:58 " " fully inflated then foraging neck deflated.
- 5:59 standing " " then partly and fully inflated neck. Shook out feathers then walking neck fully inflated then deflated.
- 6:00 standing neck fully inflated then foraging neck deflated. Then standing neck partly inflated
- 6:01 walking neck fully & partly inflated. Peacock called loud standing neck fully inflated then walking neck partly inflated. Peacock call medium. Standing neck fully inflated
- 6:02 Foraging neck deflated
- ~~6:03~~
- 6:08 " " "

[walking with neck fully or partly inflated is similar to the courtship chase of the ♂ though slower in speed and possibly intensity. ♂ would erect neck with fully inflated neck abruptly bring head down then walk/forage then again abruptly erect head neck

fully inflated or partly inflated.] (90)

- 6:09 Peacock called loud or standing neck fully inflated then foraging neck deflated
- 6:10 Foraging neck deflated then standing fully inflated neck and displayed wing sound clear (though not loud) 5.5 secs
5 chicks.
- 6:11 standing neck fully inflated then deflated neck and foraging.
- 6:15 Foraging neck deflated
- 6:25 displayed. No wing sound. Carried on foraging neck deflated
- 6:26 displayed wing sound clear carried on foraging neck deflated.
- 6:30 Foraging neck deflated
- ↓
- 6:52 Peacock called faint. Fully inflated neck and displayed wing sound clear 5.5 secs. 5 chicks then foraging neck deflated
- 6:55 Foraging neck deflated
- 7:01 Peacock called faint. Momentarily fully inflated neck then carried on foraging
- 7:10 foraging neck deflated
- ↓
- 7:25 foraged into west (all grass area
- 7:29 Foraged 0.4.5
- 7:34 relocated foraging
- 7:38 Foraging neck deflated
- 7:43 Foraged 0.4.5.
- 7:55 0.4.5.
- 8:15 0.4.5. left field.

91



4/2 3/5/88

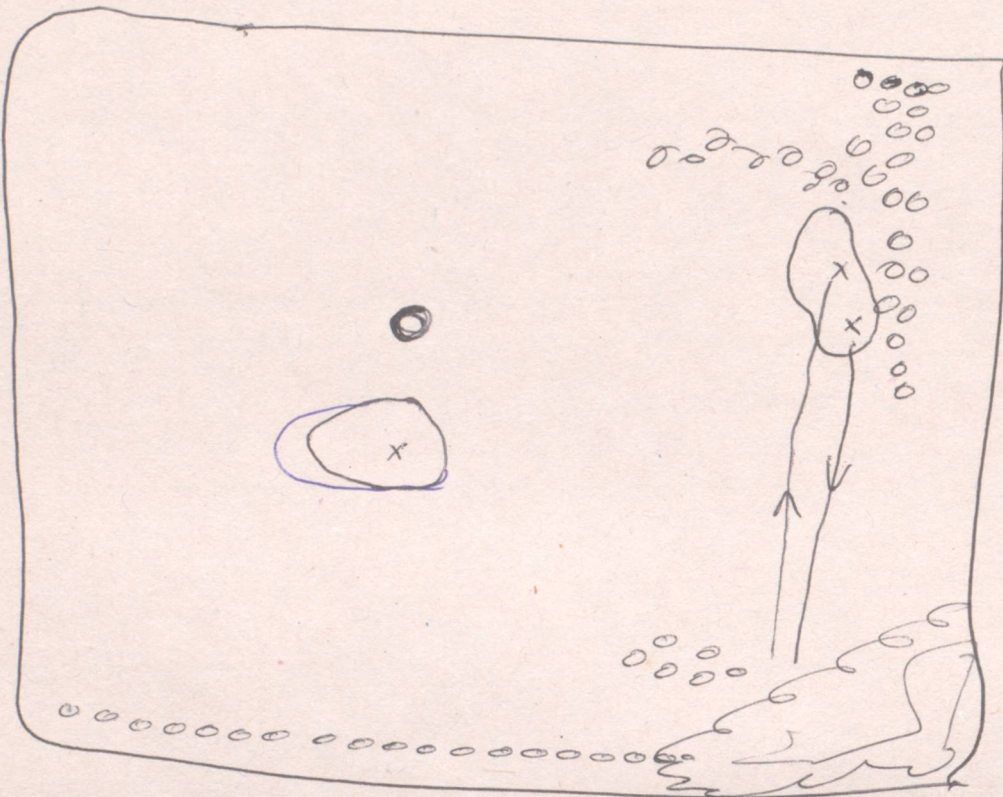
- 4:30 → Navahead.
- 4:35 glimpsed ♂ foraging then o.u.s.
- 4:50 relocated ♂ foraged out of eastern tree zone.
- 5:00 foraging slowly neck deflated south.
- 5:08 Foraged into tall grass o.u.s.
- 5:36 foraged back into display zone
- 5:38 Crow called. standing neck fully inflated then
- 5:39 foraging neck fully inflated then standing neck fully inflated
- 5:40 Foraging neck deflated
- 5:41 standing neck fully inflated then foraging neck fully inflated
- 5:42 standing then foraging. Both neck fully and partly inflated. 1/2 minute foraging neck deflated
- 5:43 Foraging neck partly inflated then foraging neck deflated. standing neck deflated then fully inflated neck and displayed. only sound clear. 5-5 secs 5 chicks.
- 5:44 standing neck partly inflated
- 5:45 Peacock called faint ♂ displayed only sound clear. Then foraging neck deflated

- 5.46 Foraging neck deflated then standing neck deflated (1/2 min)
- 5.47 standing neck deflated
- 5.48 Fully inflated neck. shook out feathers and started foraging neck deflated.
- 5.51 foraging neck deflated then standing neck deflated. (1/2 min)
- 5.52 Foraging neck partly inflated then deflated. Then standing neck fully inflated.
- 5.53 Crow called. ♂ displayed, wing soul clear 5 chicks 5.5 secs. standing neck fully inflated
- 5.54 Foraging neck deflated
- 5.58 located 2nd ♂ foraging neck deflated in west zone.
- 6.00 Both ♂s foraging neck deflated.
- 6.03 East ♂ foraging neck fully inflated then partly so
- 6.04 east ♂ standing neck deflated
- 6.09 Turned. Fully inflated neck then partly then standing neck partly inflated
- 6.10 standing neck deflated.
(west ♂ foraging neck deflated throughout c. 125 mts from east ♂)
- 6.12 east ♂ walking neck partly and fully inflated
- 6.14 standing neck partly inflated. Peacock called falut, displayed, wing soul clear. 6 chicks 5.8 secs.
(west ♂ on hearing display stood stopped standing neck deflated. Then stretched wings and carried on foraging)
- 6.15 east ♂ standing neck partly inflated then deflated.

- 6.16 Foraging neck deflated
- 6.17 " neck partly inflated
- 6.18 " then standing neck partly and fully inflated
- 6.19 " " " "
- 6.20 ♂ standing neck fully inflated took few steps standing neck fully inflated
- 6.21 " " " "
- 6.22 ♂ displayed wing soul clear
- 6.23 ↓ Foraging neck deflated
- 6.27 (west ♂ displayed wing soul clear) East ♂ stopped standing neck deflated then foraging neck deflated
- 6.29 Both foraging neck deflated
- 6.30 east ♂ standing neck deflated
- 6.31 A " fully inflated neck and displayed wing soul clear 6 chicks 5.5 secs (west ♂ foraging neck deflated)
- 6.32 east ♂ standing neck deflated
- ↓
- 6.35 Peacock called medium east ♂ fully inflated neck and displayed wing soul clear 6 chicks 6.2 secs.
- 6.36 Foraging neck deflated
- 6.38 " " Peacock called medium ♂ Fully inflated neck and foraging then foraging neck deflated
- 6.39 Foraging neck deflated
- 6.40 Peacock called faint then foraging neck partly inflated.
- 6.41 Foraging neck deflated
- 6.42 standing neck fully inflated.
- 6.43 " " " "
- 6.44 walking " " " then standing neck fully inflated.

(14)

- 6:45 ♂ displayed wing sound clear
5 chicks ~~seen~~ 5.4 secs
- 6:46 Foraging neck deflated
- 6:47 Foraging neck partly then deflated.
- 6:50 wind storm starts left field.



7/5/88 morning

- 5:20 → satiana
- 6:07 ♂ flew into display zone from north satiana. landed in eastern part.
- 6:08 standing neck deflated.
- 6:12 started preening
- 6:17 Peacock called loud. Fully inflated neck. standing
- 6:18 standing neck deflated.
- 6:19 Preened a little. standing neck deflated
- 6:20 Peacock called faint. standing neck fully inflated then displayed. wing sound clear.
- 6:21 Foraging neck deflated
- 6:31 Foraged 0.4.5
- ↓
- 7:15 0.4.5 left field

7/5 188 Evening

- 4.30 satiana
- 4.45 ♂ foraged neck deflated into ~~term~~ display zone from south satiana. Neck deflated partially.
- 4.50 standing neck deflated
- 4.52 Fully inflated neck. standing then walking neck fully inflated.
- 4.53 walking neck deflated then standing neck deflated
- 4.55 standing. Fully inflated neck. displayed. only soul clear. 5 chicks. 6.5 secs. Soon foraging neck deflated.
- 4.56 standing neck deflated (Eastern corner)
- 4.57 foraging " " back
- 4.59 standing " "
- 5.02 " " preening started
- 5.09 crow called. standing neck deflated.
- 5.12 crow called. displayed only soul clear 6.4 secs 6 chicks
- 5.13 standing neck deflated
- 5.16 foraging " "
- 5.19 standing Fully inflated neck.
- 5.20 soul of vehicle. standing neck deflated
- 5.23 resumed foraging
- 5.24 standing neck deflated.
- 5.28 started foraging "
- 5.35 Foraged 0.4.3 towards north road.
- 5.40 0.4.3
- ↓
- 6.50 0.4.3 left field.

- 8/5/88. Morning
- 5.25 Mavalkhad
- 5.33 located ♂ as it displayed. No wing sound.
- 5.34 Foraging neck deflated.
- ↓
- 6.16 Foraging neck deflated.
- 6.17 heard chicking ♂ of another ♂. ♂ flew and landed in eastern tree zone. Threat display tail tail cocked. Mantle raised. other not so much.
- 6.18 ♂ (less agonistic) took to flight. Then other followed. both few 0.4s in direction of Satriana.
- 6.43 1 ♂ flew in. Chicking started few seconds before landing.
- 6.44. Foraging neck deflated.
- 7.00. Foraged 0.4s.
- 7.04. Took to flight landed in west Satriana near tree zone. Foraging neck deflated.
- 7.05. Foraging neck deflated.
- 7.23 located ♀ standing tail cocked. ♂ foraging neck deflated.
- 7.28 Another ♂ flew in. ♂ flew and joined in threat display commenced. ♀ standing tail cocked.
- 7.29. 2nd ♂ took to flight. ♂ followed. Both 0.4s in direction between Satriana and Chapra. 0.4s
- 7.32 ♀ started preening
- 7.35 ♀ started foraging. 0.4s. couldn't relocate.
- 7.50 left tree.

Evening.

4.30 → 6.50 florican not seen / located. left tree.

11/8/88

5-20 -> satirane

5-25. located ost foraging neck deflated. East display zone

5-28 Peacock called medium. ost standing neck
↓ partly to fully inflated.

5-29 standing neck partly inflated.

5-34 Peacock called medium. Fully inflated neck
and displayed. wing soul clear.

5-35 standing neck deflated.

5-36 standing neck partly inflated.

5-37 Peacock called medium Fully inflated neck
standing

5-38. started foraging neck deflated.

5-44. standing neck partly to fully inflated.

5-45. Neck partly inflated.

5-50 Fully inflated neck and displayed. wing soul
clear.

5-51 Foraging neck deflated

5-58 standing neck deflated. Pen foraging neck ~~deflated~~ ^{deflate}

5-59. standing neck partly inflated

6:00 Foraging neck deflated. Peacock called faint

standing neck partly inflated

6:01 standing neck partly inflated

↓
6:04 Peacock called medium. ost fully inflated neck
and displayed. wing soul clear. 5-5 secs. 5 chicks

Foraging neck deflated.

6:05 Foraging neck deflated

6:07 standing neck partly inflated. crow called fully.
inflated neck

6:08. standing neck partly inflated

6:09 " " " " Peacock called
faint. fully inflated neck then partly

6:11 standing neck partly inflated. Then deflated

- 6:12. standing neck deflated.
- 6:13 standing neck partly inflated
- 6:14 " " " " crow called.
Fully inflated neck and displayed. wily soul
Clear. 5 chicks. 61 secs.
- 6:15 foraging back neck deflated.
- 6:19. Foraging. Peacock called medium. ♂ turned
fully inflated neck then carried on foraging N.W.
- 6:20. foraging neck deflated.
- 6:23 standing neck partly inflated then neck deflated
- 6:24. Foraging neck deflated.
- 6:25 standing neck "
- 6:26 " " partly inflated.
- 6:27 started foraging neck deflated.
- 6:32 standing " "
- 6:33 " neck deflated then partly inflated
- 6:34 " neck partly inflated.
- ↓
- 6:37 started preening. scratched head with foot
standing neck deflated.
- 6:38 " " " " appears disturbed by
vehicles.
- 6:39. crow called. standing. Fully inflated neck.
- 6:40 standing neck partly inflated.
- 6:41 Peacock called faint ♂ fully inflated neck
started preening
- 6:42
- 6:43. standing neck fully then partly inflated
- 6:44. standing neck partly inflated.
- 6:45. standing neck deflated.
- ↓
- 6:48 " " partly inflated.
- ↓
- 6:50 Peacock called medium Fully inflated neck.
- 6:51 standing neck partly inflated.
- 6:53 Peacock ^{called faint} neck fully inflated neck then partly.
- 6:54. standing neck partly inflated
- 6:56 standing neck deflated.
- 6:57 standing neck fully inflated then partly inflated.

- 6:58 standing neck partly inflated
 7:00. Peacock called faint. Fully inflated neck and displayed. wing soul clear. 6.5 secs. 6 chicks.
 7:01 foraging neck deflated.
 7:12 Foraged 0.4's in south satiana.
 7:23 relocated foraging in south satiana.
 7:28. Foraged 0.4's.
 7:50 left field.

E4

Evening.

4:30-7 Satiana.

- 5:00 located ♂ standing in eastern corner, in shade of tree. Neck deflated. Painting
↓
 5:02. scratched head with foot.
 5:03. preened then " " " "
 5:04. standing neck deflated.
 5:06. foraging neck deflated slowly.
 5:11. " Peacock called faint. standing neck fully inflated
 5:12 foraging neck deflated.
 5:13 standing neck deflated.
 5:16 standing neck fully inflated
 5:17 displayed. wing soul clear. 6.2 secs 6 chicks. then standing neck deflated.
 5:18 foraging neck "
 5:26 foraged 0.4's.
 5:32 relocated foraging neck deflated
 5:33 Peacock called medium. Fully inflated neck standing then walking. Neck fully inflated.
 5:34. Crow called. standing neck fully inflated.
 5:35. foraging neck deflated.
 5:40 standing neck "
 5:42 Foraging. neck fully inflated. Peacock called medium. standing neck fully inflated.

- 5:43 Foraging neck deflated.
- 5:44 standing neck deflated then partly inflated walking neck fully inflated then standing neck fully inflated.
- 5:45 standing neck deflated
- ↓
- 5:51 Peacock called medium. Standing neck partly inflated.
- 5:52. Standing neck partly then deflated.
- 5:53 " " " then fully then deflated.
- 5:54 Standing neck deflated.
- 5:58 " " fully inflated displayed. wing sound clear. 6.5 secs. 6 chicks. standing neck partly inflated then deflated.
- 5:59. Foraging neck deflated
- 6:00 Foraged 0.4". towards north rd.
- 6:12 ♂ flew across rd into north satiana.
- ↓
- 0.4".
- 6:46 ♂ flew from and landed in north satiana. couldn't relocate.
- 6:55 left field.

At chapra

roller dived at ♂ Bengal florican 3 times
♂ sk ducked and hid to avoid it each time.

12/5/88 Morning

5:20 → Navaahel

5:32 Sunwise

5:42. located ♂ foraging neck deflated east of Machan.

5:45 Foraging neck deflated ♂ drenched with dew

6:07 Foraged out of sight

6:16 Peacock called medium ♂ displayed. No wing sound

6:17 standing neck deflated

6:18 Foraging " "

6:19 standing " "

6:22 standing neck deflated in sun. drying itself.

6:23 shook neck standing neck deflated

6:25 ♀(?) flew from near end of eastern tree line and landed in grass. ♂ looking in that direction. c-50-75 mts away.

6:26 ♂ displayed. wing sound clear. standing neck deflated after landing

6:28 crow called ♂ displayed. then foraging neck deflated slowly

6:34 stopped. standing neck deflated

6:37 resumed foraging " "

6:44. standing " "

6:49 resumed foraging " "

↓
7:13 Foraged neck deflated out of sight.

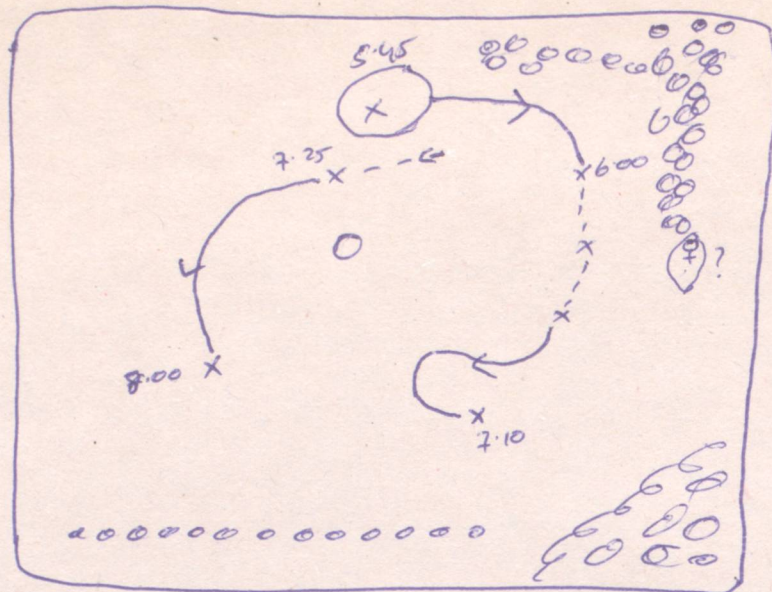
7:25 ♂ flew and landed east of machan. foraging neck deflated. only saw landing

7:30 Foraging neck deflated

7:40 " " "

7:50 " " "

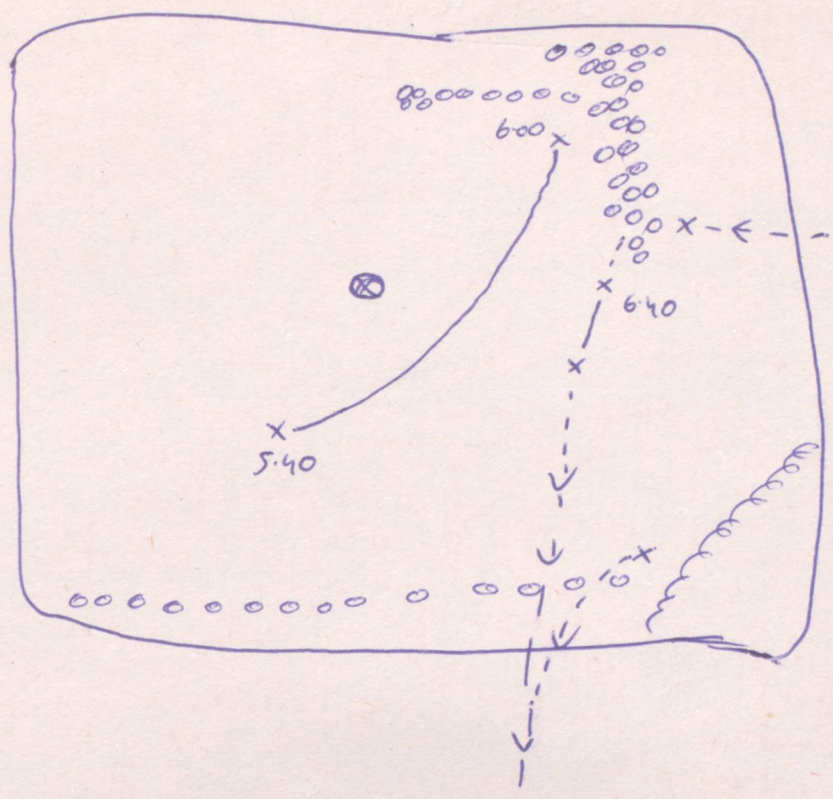
↓
8:15 " " left field.



Evening

- 4:30 → Navathad.
- 5:42 located ♂ foraging from western corner into display zone
- 5:45 Foraging neck deflated.
- 5:53 Fully inflated neck stretched and flapped wings carried on foraging neck deflated
- 6:02 Foraged out of sight in tall grass
- 6:35 out of sight.
- 6:41 ♂ displayed. wing soul clear. on land in foraging neck deflated.
- 6:43 Foraging neck deflated. stood on rat sand mound
Result foraging neck deflated. sunset.
- 6:45 standing neck deflated.
- 6:47 " " " then foraging
- 6:51 Stopped. standing neck deflated
- 6:52 Foraging neck deflated.
- 6:53 1♂ flew from near the southern tree zone. observed ♂ flew and chased. Both out of sight ~~over~~ in direction of chupra.
- 6:56 ♂ returned to Navathad. landed on per side of east tree zone. 0:45.

7:00 0.4.3.
7:05 0.4.3.



15/5/88 Morning.

5:10 Sabaina

5:20 ♂ located foraging in eastern corner

5:32-33 Sunrise. ♂ foraging neck deflated.

5:40 Foraging neck deflated

6:07 Peacock called loud. Standing neck fully inflated then partly inflated

6:08 Foraging then standing neck deflated.

6:09 standing neck deflated

6:11 started foraging. crow called. Fully inflated neck, crow called. displayed. coing sound clear 5.4 secs 5 chicks. Then foraging neck deflated.

6:16. stopped. standing neck deflated.

6:17 ↓ preening.

6:22 Fully inflated neck. Then walking neck fully inflated then deflated

6:23 standing neck deflated. Peacock called loud Fully inflated neck then foraging neck deflated.

- 6:24. Foraging neck deflated
- 6:25 Peacock called loud, walking neck partly inflated then deflated.
- 6:26 Foraging neck deflated.
- 6:30 " " "
- 6:37 Foraged o.u.s.
- 6:46. Relocated foraging neck deflated
- ~~6:50~~
- 6:52 Foraged o.u.s. in tall grass.
- 7:00 o.u.s.
- 7:25 left field.

Evening

- 4:40 → Sabiana neck deflated
- 5:15 located or standing in display zone in shade of shrub.
- 5:19. started foraging neck deflated.
- 5:20 Fully inflated neck walking then neck partly inflated standing then fully inflated walking then deflated.
- 5:21. Peacock called faint standing neck fully inflated then walking neck fully inflated then standing neck fully inflated.
- 5:22. standing " " " then walking neck partly inflated.
- 5:23 standing neck fully inflated then neck partly inflated then walking neck fully inflated then standing neck fully inflated
- 5:24 displayed. wing sound clear then foraging neck deflated
- 5:26 ↓ standing neck deflated besides grass clump.
- 5:28-40 stated preening.
- 5:45 preening. Fully inflated neck shook out feathers.
- 5:46 Foraging neck deflated
- 5:48 standing neck deflated

- 5:51 standing neck fully inflated.
- 5:52 standing neck deflated. Peacock called faint
Neck fully inflated. Then deflated.
- 5:55 standing neck deflated.
- 5:58 started preening
- 5:59 ↓
- 6:04 stopped. standing neck deflated.
- 6:06 started foraging " "
- 6:08 crow called standing neck partly inflated then
neck deflated.
- 6:09 standing neck deflated.
- 6:10 Peacock called faint momentarily MPI then
standing neck deflated.
- 6:11 standing neck fully inflated then neck deflated.
- 6:12 Peacock called faint standing neck fully inflated
- 6:13 then vehicle passed. standing neck deflated.
- 6:15 standing neck partly inflated then deflated. Standing
- 6:24 Fully inflated neck shook out feathers
started foraging neck deflated.
- 6:26 stopped. standing " "
- 6:27 standing neck fully inflated crow called
displayed. wing soul clear 6.2 secs 6 chicks
- 6:28 Foraging neck deflated
- 6:34 Foraged 0.4's
- 6:45 0.4's

16/5/88

- 5:10 Navakhad
- 5:34 ♂ displayed carried on flying from east tree
zone landed in west beyond tree line.
wing soul clear no display dive. 0.4's.
- 6:05 0.4's. west
- 6:09 ♂ took to flight from tree zone and
landed in east tree zone.
- 6:10 Foraging neck deflated
- 6:12 standing neck deflated

6:17. started foraging neck deflated slowly.

6:18 Foraged. o.w. in tall grass.
↓ o.w.

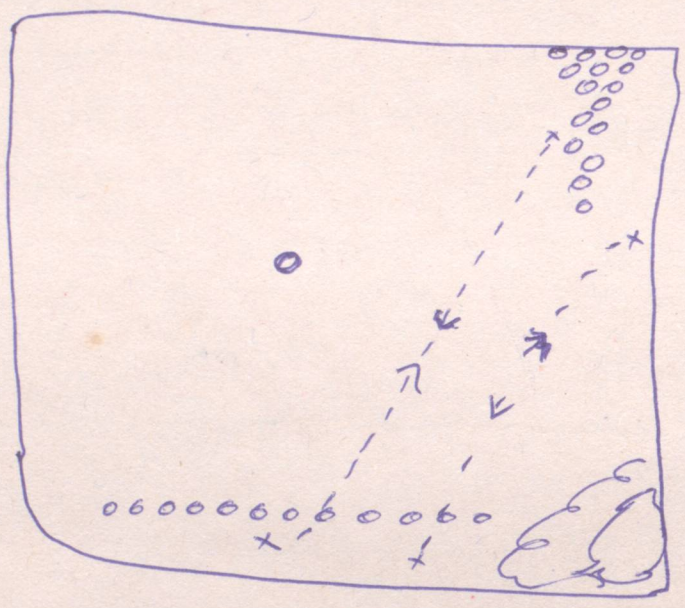
6:33 Peacock called medium. or displayed
only soul clear

6:34 Foraging neck deflated.

↓
6:46 " " " o.w. in tall grass.

6:50 o.w.

↓
7:25 o.w. left field.



Event 4.

4:45 → Navakhad

6:06 or foraging in from Navakhad western corner. flushed
big grass hopper and gave chase unsuccessfully

6:07 Foraging neck deflated

6:11 momentarily fully inflated neck. carried on foraging
neck deflated.

6:15 Foraging neck deflated

6:18 Fully inflated neck and display. only soul clear. Res
foraging neck deflated

6:32 stopped standing neck deflated.

6:33 Resumed foraging neck deflated

6:46 Foraged o.w. in tall grass.

- 6:47 Peacock called faint. ♂ displayed. wing soul clear.
- 6:48 Foraging neck deflated
- 7:00 stopped. Peacock called medium. ♂ Fully inflated neck and displayed. wing soul clear. 6:5 secs 6 chicks
- 7:01 Foraging neck deflated
- 7:03 Foraging " " "
- 7:07 foraged o.u.s.
- 7:15 left field.

18/5/88 Morning.

- 5:25 → Satiana.
- 5:28 Peacock called medium. ♂ displayed. wing soul clear.
- 5:32 located ♂ foraging neck deflated
- 5:37 standing neck partly inflated. Bird wet from heavy dew.
- 5:38 Foraging neck deflated
- 5:39 standing " partly inflated. Shook out feathers.
standing " " "
- 5:44. Foraging neck deflated.
- 5:45 standing " partly inflated. Fully inflated neck and shook out feathers.
- 5:47 Peacock called medium Fully inflated neck then standing neck partly inflated.
- 5:49. Foraging neck deflated.
- 5:50 standing " partly inflated.
- 5:52 foraging " " "
- 5:53 standing " " "
- 5:55 Peacock called faint. Fully inflated neck then standing neck partly inflated.
- 5:58 ~~stood~~ stretched wings and flapped. Fully inflated neck and shook out feathers. standing neck partly inflated. Tail cocked

- 6.00 standing tail cocked wings drooped Neck partly inflated
- 6.10 " " " "
- Peacock called medium. Fully inflated neck and displayed wing sound clear
- 6.11 standing neck partly inflated
- 6.12 Foraging neck deflated.
- 6.15 standing " partly inflated tail slightly cocked
- 6.16 Foraging neck deflated.
- 6.17 killed and ate a small lizard.
- 6.18 Foraging neck deflated
- 6.20 " " then standing wings drooped.
- 6.21 " " "
- 6.23 standing neck partly inflated.
- 6.25 foraging neck deflated.
- 6.28 got on top of rat sand mound standing neck partly inflated tail cocked wings drooped.
- 6.32 Peacock called loud. Fully inflated neck made as if to display then standing Neck partly inflated tail cocked wings drooped.
- 6.43 standing neck partly inflated tail cocked wings drooped started preening
- 6.46 peacock called medium. → fully inflated neck
- 6.47 standing neck partly inflated tail cocked wings drooped
- 6.48 " " " " started preening
- 6.49 " " " " scratched head with foot.
- 6.50 standing neck deflated tail cocked
- 6.51 started foraging neck deflated.
- 6.53 Peacock called medium → standing neck fully inflated then deflated
- 6.54 resumed foraging neck deflated
- 6.55 standing " "
- 6.56 " " then walked standing neck partly inflated

- 6.57 walking neck fully inflated standing neck fully inflated. (Both crow + peacock calling) ♂ displayed with soul clear. Ascent 1.5 secs. landed in taller grass. out of sight
- 7.05 0.4.3.
- 7.12 relocated foraging neck deflated in centre of display zone.
- 7.13 standing neck deflated.
locate 1 ♀ foraging c. 75-100 mts from ♂ in ^{south} eastern corner.
- 7.14 ♂ standing neck deflated. ♀ foraging
- 7.16 ♂ walking neck partly inflated. then standing MPI
- 7.17 standing neck partly inflated
- 7.18 foraging " deflated
- 7.20 standing " "
- 7.23 started foraging neck deflated. Peacock called faint standing neck fully inflated then foraging neck deflated.
- 7.24 foraging " " then standing neck deflated.
- 7.28 crow called. ♂ fully inflated neck then standing neck deflated.
- 7.34 started preening. Peacock called faint partly inflated neck then standing neck deflated
- 7.35 preening
- 7.36 standing neck deflated. Peacock called medium neck fully inflated then partly inflated
- 7.37 standing neck deflated
- 7.42 " " " then fully then partly then deflated
- 7.43 standing neck deflated
- 7.46 " " " Peacock called medium. Fully inflated neck and displayed with soul clear.
- 7.47. Foraging neck deflated
- 7.49 standing " "

- 7:51 standing Neck deflated then foraging neck deflated
- 7:56 Peacock called. Fully inflated neck and displayed wing sound clear. Ascent 1.5 secs.
- 7:57 Foraging neck deflated.
- 7:59 standing " " "
- 8:02 started foraging then standing neck deflated
- 8:03 " " " "
- 8:04 standing neck deflated
- 8:07 " " " peacock called faint.
- 8:08 fully inflated neck and displayed wing sound clear
- 8:08 Foraging neck deflated
- 8:11 standing " " Fully inflated neck then walking neck fully inflated
- 8:12 Foraging neck deflated. Peacock called faint standing neck fully inflated then walking neck fully inflated then partly inflated
- 8:13 standing neck partly inflated walking neck partly inflated
- 8:14 standing neck ~~partly~~ fully inflated walking neck fully inflated, standing neck fully inflated
- 8:15 standing neck fully inflated Peacock called faint & displayed wing sound clear Ascent 1.6 secs extended flight display dive
- 8:16 Foraging neck deflated
- 8:22 Crow called momentarily NFI carried on foraging neck deflated
- 8:26 " " " Peacock called faint, momentarily fully inflated neck, carried on foraging neck deflated
- 8:28 crow called standing neck fully inflated then walking neck fully inflated
- 8:29 Foraging neck deflated
- 8:30 crow called standing neck fully inflated walking neck fully inflated then standing neck fully inflated

- 8:31 walking neck partly inflated then foraging neck deflated. standing neck deflated. crow called standing neck fully inflated
- 8:32 crow called displayed wing soul clear 5 chicks 6 secs. M→S - Foraging neck deflated
- 8:35 Foraging neck deflated.
- 8:52 Foraged into satiana cut grass area
- 9:00 Foraging neck inflated " " " "
- 9:30 " " " " " " slowly
- ~~9:45 " " " " " " "~~
- 9:32 0.4.3 in taller grass.
- 9:45 left field.

● weather.

5:30 → 7:52 sunny / cloudy
 7:52 - 8:20 cloudy
 8:20 - 9:30 sunny / cloudy

Evening.

- 4:40 satiana
- 4:55 located ♂. Seem to have foraged in from south satiana. standing neck deflated.
- 4:56 preening
- 4:57 crow called momentarily neck fully inflated standing neck deflated. Peacock call medium ♂ neck fully inflated
- 4:58 walking neck fully then partly then deflated. standing neck deflated. Peacock called faint. momentarily neck fully inflated
- 4:59 Foraging then standing (neck deflated)
- 5:06 crow called ♂ fully inflated neck then standing neck deflated.
- 5:10 started foraging neck deflated
- 5:11 Foraging then standing neck deflated.
- 5:20 Peacock called medium ♂ fully inflated neck then deflated
- 5:22 momentarily partly inflated neck then standing neck deflated
- 5:25 standing neck deflated

- 5.28 Standing neck deflated. Peacock called faint. Mound
partly inflated neck then standing neck deflated.
- 5.34 standing neck deflated
- 5.35 " " Fully inflated
- 5.36 " " " "
- 5.37 " " " then partly then
standing neck deflated
- 5.39. Crow called neck fully inflated then walking
neck fully inflated
- 5.40 standing neck deflated. Crow called partly inflated
neck then deflated
- 5.42 Foraging neck " then fully inflated neck then
standing neck fully inflated then deflated
- 5.46 standing neck partly inflated. Peacock called
faint ♂ displayed, cooing sound clear
- 5.47 Foraging neck deflated
- 5.48 Standing " "
- 5.49 Foraging " "
- 5.50 standing " " then foraging neck deflated
- 5.53 Foraged outtop of rat sand mound. Standing neck
deflated on it.
- 5.55 Foraging neck deflated then standing neck deflated
- 5.56 standing " " then began preening
- 5.59 stopped. Standing neck deflated. heard chicking as
2 ♂s flew in fairly high from Navakhad.
(one of the ♂s chicked (or both) 2-3 times when over
Sariana)
- 6.00 Sariana ♂ flew and joined them. All 3 ♂s
over west Sariana.
- 6.05 ♂s.
- 6.08 Sariana ♂ flew out of west Sariana and
landed in eastern corner, and landing reminiscent
of display dive
- 6.09 Foraging neck deflated
- 6.10 5 swamphoeer walking straight towards it. ♂
moved out of the way unhurriedly.

6.11 Satlana ♂ standing neck deflated. Other two ♂s aerial chase over display zone. Satlana ♂ did not join them but seemed to raise mantle and cock tail.

6.12 2 ♂s o.u.s. over south satlana. Satlana ♂ foraging neck deflated.

6.14 Foraging neck deflated

6.15 standing " "

6.18 Foraging " "

6.20 standing " "

6.21 " " fully inflated. Then started courtship chase

(head, while running, is brought right down to mantle so that inflated neck hangs like a pouch.



6.25 ♀ took to flight, ♂ followed. soon both o.u.s. beyond unburnt grass

6.31 located ♂ foraging back neck deflated

6.35 standing neck deflated

6.39 " " " they fully inflated neck and displayed wing sound clear 5.4 secs. 5 chicks

6.40 Foraging neck deflated

6.43 standing " "

6.44 " neck partly inflated

6.45 " " " " then fully inflated neck and displayed wing sound clear 6 chicks 6 secs.

6.46 Foraging neck deflated

6.48 standing " " fully inflated neck and shook out feathers. result foraging neck deflated

- 6.49 Foraging neck deflated
- 6.50 Standing " " walking neck fully inflated then partly inflated then standing neck deflated.
- 6.51 foraging " "
- 6.55 " " "
- 6.58 Foraged 0.4.5.
- 7.02 left tree
- 7.05 Peacock called loud or displayed.

20/5/88 morning

- 5.15 → Navakhead
- 5.28 ♂ flew from eastern tree zone and landed just beyond west tree line
- 5.30 0.4.5.
- 6.30 0.4.5
- 7.15 0.4.5 left field.
-
- 8.15 ♀ flew from near chapra waterhole grass area flew over hut into Ghola. Saw from hut.

Evening

- 4.45 Navakhead
- 5.09 located ♂ foraging east of machan
- 5.11 Foraged 0.4.5 in tall grass.
- 5.20 relocated foraging standing neck deflated c. 60-70 mts from where last seen.
- 5.21 standing neck deflated crows calling
- 5.27 " neck partly inflated then deflated. ↓ (upto 5.35)
- 5.31 started foraging neck deflated
- 5.58 standing neck deflated
- 5.59 " " " crow called fully inflated neck and displayed, wing sound clear, 6 secs. 6 chicks
W → E wind E → W

- 6:00 Standing neck deflated
- 6:08 started foraging "
- 6:24 Foraged 0.4.5 in east tree zone area
- 6:42 sunset
- 6:51 located or foraging in east tree zone
- 6:53 Foraged 0.4.5.
- 6:56 Peacock called loud or displayed wily sound clear then foraging neck deflated SE -> N. wily NE ->
- 6:58 Foraging neck deflated. Peacock called medium. Fully inflated neck and displayed. wily sound clear 6.5secs
- 6 chick E -> S No wind.
- 6:59 Foraging neck deflated
- 7:01 standing neck deflated
- 7:04 started foraging
- 7:05 left field.

23/5/88 Morning

- 5:10 -> satiana
- 5:15 or standing neck partly inflated. Bird drenched with dew.
- 5:18 started foraging neck deflated
- 5:21 standing neck deflated
- 5:22 Peacock called loud neck partly inflated then deflated
- 5:23 Foraging neck deflated
- 5:24 standing " partly inflated / deflated
- 5:25 Peacock called loud stand neck partly inflated then deflated
- 5:26 standing neck partly inflated
- 5:29 Fully inflated neck and shook out feathers.
- 5:30 standing neck partly inflated
- 5:35 crow callin fully inflated neck then standing neck partly inflated
- 5:38 Peacock called medium Fully inflated neck then partly so.
- 5:39 40 " " " or " " " & displayed
- S -> N wily sound clear. 4 chicks.
- 5:41 standing neck partly inflated
- 5:44 started foraging neck deflated.
- 5:45 standing neck partly inflated.

- 5:46 Foraging neck deflated
- 5:47 Standing neck partly inflated shook out neck.
- 5:48 Foraging neck deflated ~~then~~ ^{sung} standing neck partly
- 5:49 inflated. " " then standing neck partly inflated
- 5:50 standing neck partly inflated. Shook out neck feathers
- 5:53 Peacock called loud. Turned. standing neck fully inflated shook out neck.
- 5:54 standing neck partly inflated
- 5:56 " " " " cocked tail
- 6:04 " " " " " " wings drooped
- 6:13 " " " " " "
- peacock called loud fully inflated neck.
- 6:14 standing neck partly inflated tail cocked wings drooped
- 6:20 Peacock called loud then fully inflated neck then standing neck partly inflated tail cocked wings drooped
- 6:31 " " " " " " started preening
- 6:35 preening
- 6:40 preening
- 6:41 started foraging
- 6:42 standing neck partly inflated
- 6:44 " " " " then fully then partly
- 6:45 Foraging
- 6:46 standing neck partly inflated Peacock called medium fully inflated neck then partly
- 6:47 standing neck partly inflated
- 6:48 " " " " then foraging neck deflated
- 6:49 Foraging neck deflated
- 6:50 standing " "
- 6:52 Foraging " "
- 6:54 " " " into South satiana
- 6:59 " " " "
- 6:7:03 Foraged 0:45 in " "
- 7:15 0:45.
- 7:30 left field.

23/5 Evening.

- 4.22 ♂ foraging in cut grass area. Neck deflated.
- 4.28 ↓ standing neck deflated in tall grass. visibility poor.
- 4.42 started foraging neck deflated towards rear zone.
- 4.46 Foraged " " into rear zone. o.u.s.
- 4.56 located foraging in rear zone. Rear view blocked by tree o.u.s.
- 5.01 Foraged into sight neck deflated. Panting.
- 5.03 standing neck deflated
- 5.06 Resumed foraging neck deflated
- 5.08 standing " "
- 5.11 foraging " "
- 5.15 standing " " in shade of bush ↓
- 5.36 standing & walking neck fully inflated
- 5.37 walking neck fully then partly " then standing neck deflated
- 5.38 standing neck partly inflated.
- 5.39 Peacock called medium. Neck fully inflated & displayed wing soul clear 5.2 secs. 5 chicks.
- 5.40 Foraging neck deflated back
- 5.41 standing " "
- 5.42 Foraging " "
- 5.43 standing " "
- 5.47 " " " crow called momentarily fully inflated neck
- 5.48 standing " "
- 5.53 Foraging " " then standing neck deflated.
- 5.54 " " " then standing neck deflated
- 5.58 standing neck fully then partly inflated
- 5.59 " " " walking neck fully inflated.
displayed wing soul clear 5.4 secs wing soul clear 5 chicks
- 6.00 Foraging neck deflated
- 6.02 standing " " then foraging neck deflated
- 6.04 " " "
- 6.05 Foraging " " then standing neck deflated.
- ↓
- 6.16 standing neck fully inflated

- 6:17 standing neck deflated
- 6:19 " neck fully inflated and displayed wing soul clear 6 chicks 6sa 6.4 secs SW → E
- 6:20 Foraging neck deflated
- 6:24 standing " "
- 6:28 " " " Peacock called loud momentarily fully inflated neck then standing neck deflated.
- 6:30 standing neck deflated. Preening
- 6:31 " " "
- 6:34 Foraging " "
- 6:36 Peacock called medium or fully inflated neck. Standing
- 6:37 standing neck deflated peacock called medium walking neck fully inflated then foraging neck deflated
- 6:38 standing neck deflated. Peacock called faint. neck fully inflated walked then standing neck deflated
- 6:39 standing neck deflated.
- 6:41 Foraging " "
- 6:46 standing " " then fully inflated. walking neck fully inflated.
- 6:47 walking neck fully inflated then neck partly inflated then deflated. Standing neck deflated.
- 6:48 standing neck deflated
- 6:49 " " " then foraging neck deflated
- 6:51 " " " then neck partly inflated
- 6:52 " neck fully inflated then walking neck fully inflated
- 6:53 " " " " & displayed S-E wing soul clear 6.2 secs 6 chicks
- 6:54 Foraging neck deflated
- 7:00 Forged " " o.v.s in eastern area
- 7:15 left field.

24/5/88

Morning

5:10 → Navaikhad

5:23 located ♂ Foraging neck deflated north of machan

5:31 Another ♂ flew from eastern tree cover and landed near southern tree zone

West ♂ foraging neck deflated then o.u.s in tall grass

5:35 Both ♂s o.u.s in tall grass.

↓

6:38 East ♂ foraged (also southern shortgrass area). Neck deflated.

6:42 Foraging " "

6:43 standing " "

6:44 " " " then foraging neck deflated

6:45 Foraging " " Fully inflated neck shook out feathers carried on foraging N.D

6:50 Foraging neck deflated

6:51 " " " Peacock called faint ♂ fully inflated neck and displayed, wing soul clear 6. chicks.

6:52 standing neck deflated then foraging neck deflated

7:00 foraging " " then standing neck fully inflated then deflated.

7:01 foraging neck "

7:12 " " " o.u.s in tall grass

7:17 Brief glimpse of west ♂ foraging in tall grass.

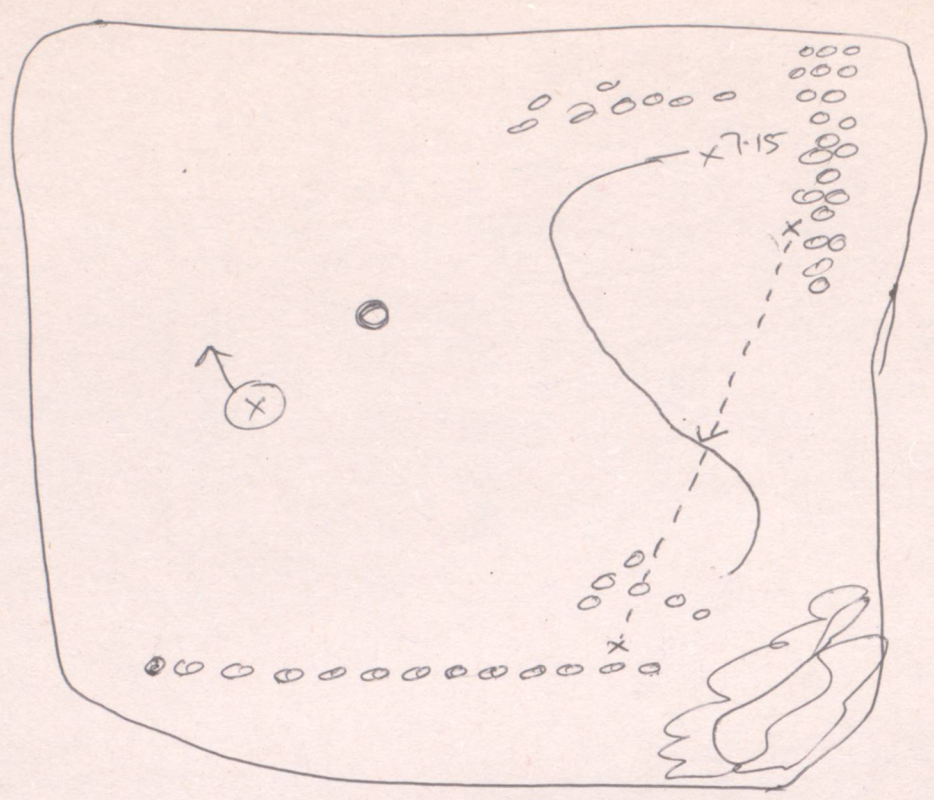
7:18 east ♂ foraged into open. Chasing grasshopper.

7:21 Foraged neck deflated into tall grass. o.u.s.

7:30 o.u.s.

8:00 o.u.s

8:05 left field



Evening Navakhad.

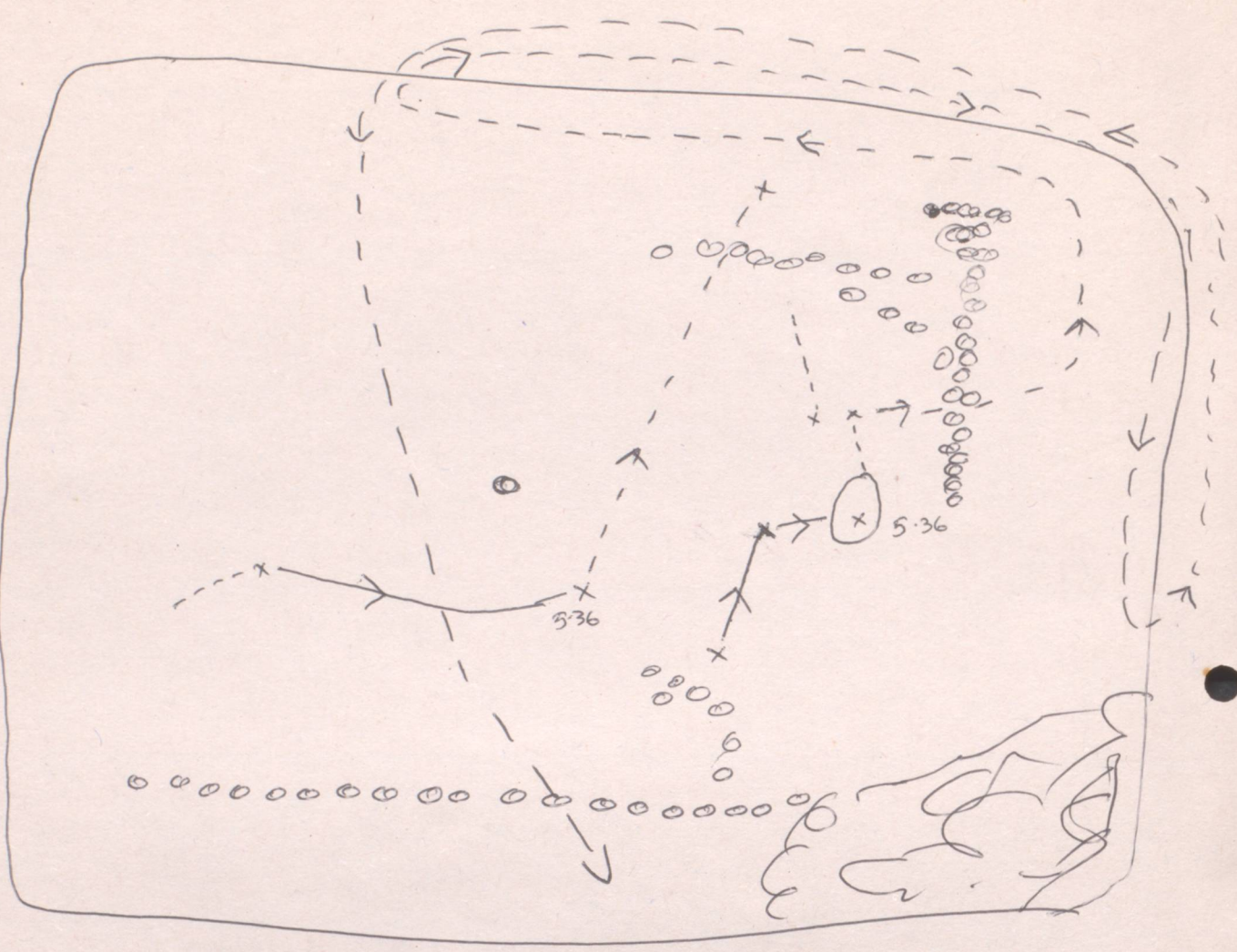
- 4:45 ♀ walking on Navakhad S-W rd.
- 5:00 East ♂ foraging in southern area. Panting
- 5:20 West ♂ displayed. wing sound clear
East ♂ immediately neck fully inflated
walking then standing " " "
- 5:21 East ♂ standing neck deflated
- 5:22 " " Fully inflated neck shook out feathers
started foraging neck deflated.
- West ♂ " " "
- 5:24 East ♂ standing " "
- West ♂ foraging " "
- 5:25 Both ♂s " " "
- 5:30 " " " " "
- 5:34 East ♂ standing " "
- West ♂ foraging " " towards east ♂
- 5:36 East ♂ standing " "
- 5:37 " " " " "
- West ♂ took to flight and landed in eastern corner. East ♂ possibly hid when West ♂ took to flight.
- 5:40 East ♂ standing neck deflated.

- 5:43 East ♂ fully inflated neck shook out feathers standing neck deflated panting
- 5:46 Foraging " "
- 5:52 stretched wings then standing neck deflated
- 5:53 standing neck deflated. started foraging N.D
- 5:58 " " "
- 6:01 Foraging " "
- 6:02 standing " "
- 6:05 Foraging " " (moving in a restricted area)
- 6:10 standing " "
- 6:12 Foraging " "
- 6:14 standing " "
- 6:15 Foraging " "
- 6:19 standing " "
- 6:22 " Fully inflated neck then deflated
- 6:25 Foraging neck deflated
- 6:27 Crow called ♂ fully inflated neck and displayed wing sound clear. No display dive. Immediately on landing started running. West ♂ which had foraged near flew and landed where East ♂ had landed started chasing East ♂ with tail coched and mantle raised. Chicking. East ♂ took to flight followed by west ♂. Both o.u.s.

Box

- 6:55 located ♂s aerial chase in eastern corner legs dangling. flying silently. o.u.s.
- 6:58 relocated aerial chase in eastern & northern corner. o.u.s.
- 7:05 relocated aerial chase from east to north and then west and then south
- 7:06 o.u.s.
- 7:11 again relocated aerial chase seem to have made complete circuit of Nawakhal

7.12 again appear to be making complete circuit of Mavakhal.



28/5/88 Morning

- 5.10 → satiana
- 5.14 ♂ standing neck deflated in eastern corner
- 5.21 peacock called faint fully inflated then partly then deflated neck.
- 5.24 " " standing then foraging neck deflated
- 5.25 Swamp deer alarm close by ♂ slightly startled standing neck deflated
- 5.31 " " " peacock called faint momentarily neck partly inflated
- 5.32 " " " sunrise
- 5.39 crow called partly inflated neck then peacock called faint ♂ fully inflated neck then partly inflated neck.
- 5.40 peacock called faint neck fully inflated then partly then deflated
- 5.41 standing neck " preened slightly
- 5.42 foraged then standing neck deflated
- 5.45 For " " " " " Shikra flew and landed

on tree next to florican then flew off from tree. ♂ no reaction

- 5.46 standing neck deflated
- 5.48 walked little. Scratched head with foot.
standing neck deflated
- 5.49 " " " crowcalled fully then partly inflated neck.
- 5.50 walking neck fully inflated. standing neck partly inflated
then " " " "
- 5.51 walking neck deflated. standing neck ereflated
- 5.52 foraging " "
- 5.53 standing " "
- 5.54 foraging " "
- 5.56 standing " " then fully inflated neck
- 5.57 " neck fully inflated then partly
- 5.58 " " deflated then fully inflated then
deflated. peacock called faint ♂ fully inflated
neck and displayed wing sound clear 6 secs.
- 5.59 standing neck deflated
- 6.00 foraging " "
- 6.02 standing " " peacock called medium Fully inflated
then partly then deflated neck
- 6.03 standing " "
- 6.04 foraging neck deflated
- 6.05 standing " "
- 6.09 foraging " "
- 6.11 standing " "
- 6.14 3 swanp deer foraged near florican. standing neck deflated
- 6.15 preening.
- 6.17 foraging neck deflated
- 6.22 Black necked stork flew low overhead. ♂ foraging
neck deflated. unconcerned
- 6.23 standing neck deflated
- 6.24 preening
- 6.26 standing neck deflated

- 6:32 started preening
- 6:37 Foraging neck deflated
- 6:38 " " " then standing neck deflated
- 6:39 resumed foraging neck deflated
- 6:43 standing " "
- 6:45 Preening
- 6:47 Foraging neck deflated
- 6:50 Foraged o.u.s into south satiana
- 6:52 relocated foraging in south satiana tree zone
- 6:56 o.u.s.
- 7:05 o.u.s.
- 7:15 o.u.s left field.

Evening.

- 4:30 -> Satiana.
- 5:42 ♂ foraged into eastern area from south satiana^{at}
Neck deflated. panting.
- 5:46 standing neck deflated Panting
- 5:47 " " " then foraging neck inflated.

[Possibly the erection of neck feathers is by inflation of the neck for while panting the neck becomes at times considerably thicker and the feathers become partly erect.]

- 5:49 standing neck deflated
- 5:52 Foraging " "
- 5:53 standing " "
- 5:56 crow called. Fully inflated neck then deflated.
- 5:57. standing neck deflated
- 5:58 " & Preening
- 5:59 standing neck deflated
- 6:05 " " " Preened then foraging NID
- 6:06 standing neck deflated
- 6:11 " " " Peacock called faint ♂
standing neck fully inflated

- 6:12 standing neck fully inflated walking neck fully inflated
- 6:13 Foraging neck deflated then standing neck deflated.
- 6:15 standing " " (still panting)
- 6:19 scratched head with foot and started foraging neck deflated
- 6:22 standing neck "
- 6:27 " " " then fully inflated then walking neck fully inflated then standing neck partly inflated then deflated, neck standing
- 6:30 Peacock called turnt. ♂ displayed. wing sound clear 5 chicks.
- 6:31 Foraging neck deflated
- 6:34 standing " Fully inflated walking neck fully inflated
- 6:35 standing " Partly " then deflated.
- 6:36 Scratched head with foot. then standing neck deflated.
- 6:37 standing neck fully inflated then deflated
- 6:39 Foraging " deflated then fully inflated then deflated
- 6:40 standing " " then walking neck fully inflated
- 6:41 " " " then walking neck fully inflated displayed. wing sound clear 6 chicks 6.3 secs.
- 6:42 Foraging neck deflated
- 6:45 " " " Peacock called medium ♂ standing neck fully inflated & displayed. wing sound clear 5.6 ~~secs~~ secs, 5 chicks.
- 6:46 Foraging neck deflated
- 6:48 " " " Peacock called medium foraging neck partly inflated then deflated
- 6:50 standing neck deflated
- 6:51 Foraging " " standing neck partly inflated then deflated.
- 6:53 standing neck deflated then partly inflated then deflated Peacock called medium turnt. Fully inflated neck.

- 6.54 standing neck fully inflated ~~displayed~~ then deflated.
- 6.55 " " deflated Peacock called faint
- standing neck partly inflated then deflated.
- 6.57 Peacock called medium ♂ fully inflated neck and displayed. wing sound clear 5.7 secs 5 chicks.
- 6.58 Foraging back neck deflated
- 7.00 standing " "
- 7.01 " " " Peacock called medium ♂ fully inflated neck.
- 7.02 standing neck deflated Peacock called faint ♂ fully inflated neck then deflated
- 7.04 standing neck deflated.
- 7.05 " " " Peacock called loud ♂ fully inflated neck then deflated
- 7.06 standing neck deflated then foraging neck deflated
- 7.07 Peacock called medium walking neck partly inflated standing neck fully inflated. displayed wing sound clear 6 secs. 6 chicks.
- 7.08 Foraging neck deflated then standing neck deflated
- 7.09 " " " heavy wind starts.
- 7.15 " " left field. " "

29/5/88 Morning

5:15 → Navalkhad

5:40 located ♂ foraging neck deflated

5:57 Foraged 0.4.5 in tall grass

6:23 located ♂ foraging neck deflated

6:29 Foraged 0.4.5 in tall grass

6:40 0.4.5

7:00 0.4.5

7:30 left field

Evening

5:00 → Navalkhad

5:52 1 ♀ flew in and landed in south open area.

5:53 ♂ flew in from southern corner and landed in display dive near where ♀ had landed

5:54 Standing neck deflated

5:56 Foraging " "

5:57 Standing " " crow called neck fully inflated

5:58 Foraging " "

5:59 Peacock called faint standing neck fully inflated then foraging neck deflated

6:02 Foraged 0.4.5 in tall grass

6:09 ♂ displayed wing sound clear

6:10 Foraging neck deflated

6:11 Crow called, fully inflated neck and displayed wing sound clear

6:12 Foraged 0.4.5 in tall grass

6:21 ♂ displayed wing sound clear

6:22 Foraging neck deflated

6:23 Standing " "

6:24 " " " crow called. Fully inflated neck & displayed, wing sound clear

6:32 Foraging neck deflated

- 6:39 standing neck deflated
- 6:50 Foraging " "
- 6:53 standing " "
- 6:54 " " " then foraging neck deflated
- 7:01 standing neck fully inflated
- 7:02 crow called " " " displayed

6.6 secs. w/ing soul clear. 6 chicks.

- 7:03 Foraging neck deflated
- 7:06 " " " in tall grass 0.4s.
- 7:08 relocated " " "
- 7:13 " " " Peacock called medium
or standing neck fully inflated then
foraging neck deflated

- 7:14 " " "
- 7:16 " " " left tiedd.

2/6/88 Morning now cold cloudy ↓

- 5:12 → satiana
- 5:19 located or foraging neck deflated
- 5:21 Peacock called faint or walking neck fully inflated
then neck deflated.
- 5:22 peacock called loud or standing neck fully inflated
then displayed. w/ing soul clear 6 secs 5 chicks
5-7 H.
- 5:23 Foraging neck deflated
- 5:26 standing neck partly inflated
- 5:28 Peacock called faint. or standing neck partly
inflated
- 5:29 Foraging neck deflated
- 5:32 standing " "
- 5:35 " " " Peacock called medium standing
neck partly inflated

- 5:34 standing neck partly inflated
- 5:37 " neck deflated
- 5:38 peacock called medium standing neck fully inflated then partly inflated
- 5:39 peacock called medium or neck fully inflated & displayed wing soul clear. Schicks 5-5 secs
sw -> E
- 5:40 standing neck partly inflated
- 5:41 Foraging neck deflated
- 5:42 standing neck partly inflated started preening
- 5:43 " " " " then foraging neck deflated
- 5:45 standing " " "
- 5:47 " " Fully " shook out feathers.
- " " partly " tail cocked.
- 5:50 " " " " " "
- 6:08 " " " " " "
- 6:09 " " " " " "

- 6:10 " stretched wings & flap out.
- 6:18 Peacock called medium standing neck partly inflated
- 6:19 standing neck deflated. then foraging neck deflated
- 6:20 " " "
- 6:21 Foraging " "
- 6:27 standing " " preening wings drooped.
- 6:30 Preening tail cocked wings drooped.
- 6:32 " Fully inflated neck shook out feathers.
- 6:33 " "
- 6:34 Peacock called medium turned. fully inflated neck standing neck partly inflated tail cocked wings drooped
- 6:36 Peacock called faint. fully inflated neck & displayed wing soul clear. Schicks 5-5 secs. w->E w/out E->w
- 6:37 Foraging neck deflated
- 6:38 standing " "

- 6:39 Preening tail cocked wings drooped
- ↓
- 6:46 standing neck partially inflated " " "
- 6:47 Preening
- 6:48 standing neck partly inflated " " tail cocked
- 6:50 " " deflated " " " "
- peacock called medium turned standing neck fully inflated
- 6:51 standing neck partly inflated tail cocked wings drooped
- 6:55 standing neck deflated
- 6:58 Foraging " "
- 6:59 " " " scratched head with foot
- standing " "
- 7:00 preening
- 7:02 standing neck deflated
- 7:04 scratched head with foot resumed preening
- 7:05 standing neck deflated
- 7:08 preening
- 7:12 standing neck partly inflated
- 7:15 preening
- 7:17 standing neck deflated then preening
- 7:18 standing neck fully inflated.
- 7:18 " " partly inflated. sun coming out
- 7:19 " " " "
- 7:20 Preened ~~then foraging neck deflated~~
- 7:22 " then foraging neck deflated
- 7:25 Foraging neck deflated
- 7:27 " " " towards south satiana
- 7:32 0:40 " " " in the south satiana.
- 7:35 0:45
- 8:00 0:45 left field. sunny/cloudy

2/6/88

Evening sunny

4.30 → satiana

- 5.09 ↗ foraged into display zone
- 5.10 standing neck deflated. Panting
- 5.14 Scratched head with foot. Standing neck deflated
- 5.15 Fully inflated neck momentarily. " " "
- 5.17 Preening
- 5.22 standing neck deflated
- 5.28 Preening
- 5.31 standing neck deflated
- 5.32 Preening
- 5.37 standing neck deflated
- 5.39 Preening
- 5.41 standing neck deflated
- 5.42 Foraging neck "
- 5.55 standing neck inflated in eastern corner
- 5.56 Foraging " "
- 5.57 standing " "
- 6.02 Preened momentarily started foraging
- 6.03 standing neck deflated walked neck fully inflated
flapped wings
- 6.04 standing neck deflated walked scratched head
with foot
- 6.05 standing behind tree ours
- 6.09 walked out from " " neck fully inflated
- 6.10 standing neck partly inflated then fully inflated
then deflated
- 6.11 standing neck deflated Peacock called medium
↗ fully inflated neck & displayed wing soul
clear E → W. No wind dive = 1.4 sec
- 6.12 standing neck deflated
- 6.14 Foraging " "
- 6.19 standing " "
- 6.24 Foraging " "

- 6.27 standing neck deflated
- 6.28 Foraging " "
- 6.30 standing " "
- 6.34 Foraging " "
- 6.39 standing " " Vanellus indicus close by
or no reaction.
- 6.44 crow called fully inflated neck. walking
neck fully inflated & displayed wing soul
clear 6 chicks 6.1 secs S → E
- 6.45 Foraging neck deflated
- 6.46 o.u.s.
- 6.47 relocated. Foraging neck deflated
- 6.51 standing neck deflated then foraging neck deflated
- 6.52 standing neck deflated
- 6.56 Foraging " "
- 6.57 Peacock called loud or fully inflated neck
& displayed wing soul clear. 6 secs S → N. Foraging
neck deflated
- 7.04 Foraging neck deflated. Ate white (cotton like) grass
- 7.05 Peacock called medium. or fully inflated ^{low}
neck then foraging neck deflated
- 7.06 Peacock called loud or fully inflated neck
then foraging neck deflated.
- 7.08 " " " " o.u.s.
- 7.15 o.u.s.
- 7.18 left field.

3/6/88 Morning

5.15 Navakhad

5.22 2 ♂ flew in from chapra. One mobbed the other. Both flying towards machan swerved and landed in 1987 eastern display zone.

5.23 Chicking from grass.

5.26 stopped heavy chicking. o.u.s.

↓ o.u.s.

7.15 left field.

Evening.

4.45 Navakhad

6.13 located ♂ standing neck deflated near eastern tree zone. panting

6.14 Preening

6.16 standing neck deflated. Fully inflated neck. Shook out feathers foraging neck deflated

6.17 standing neck deflated

6.19 Foraging " " then standing neck deflated

6.20 standing " " then foraging " "

6.25 Foraging " " in tall grass. glimpses only.

6.26 standing " "

6.37 Foraging " "

6.38 standing " "

6.40 " " then foraging neck deflated

6.42 " " "

6.46 Foraging " " o.u.s in tall grass

6.52 sunset.

6.56 relocated Foraging neck deflated then o.u.s.

7.10 Peacock called faint ♂ displayed wing sound clear

7.11 Foraging neck deflated

7.14 " " " then standing neck deflated

7.15 " " " " " " "

7.16 Foraging neck deflated

7.20 " " " left field.

- 6/6 Sat Morning overcast
- 5:15 satiana ↓
- 5:28 ♂ flew in from Navalkhad. O.Y.S in south satiana.
- 5:39 drizzling
- 5:41 stopped "
- 6:32 ♂ foraged Neck deflated into eastern corner from south satiana.
- 6:37 Foraging neck deflated then standing neck deflated
- 6:38 " " " " " " "
- 6:39 standing neck fully inflated shook out feathers foraging neck deflated
- 6:40 standing " "
- 6:42 Foraging " "
- 6:44 " " " then standing neck deflated
- 6:48 standing neck partly inflated " " "
- 6:49 " " deflated
- 6:52 Foraging " "
- 6:59 standing " "
- 7:00 standing neck partly inflated
- 7:01 Preened momentarily. standing neck deflated scratched head with foot, preening
- 7:02 preening
- 7:03 peacock called medium. Fully inflated neck then partly
- 7:04 standing neck partly inflated. resumed preening
- 7:05 Foraging neck deflated
- 7:06 standing " "
- 7:07 Foraging " "
- 7:21 Foraging " " O.Y.S in tall grass moving into south satiana.
- 7:45 left field.

6/5 Evening. cloudy / overcast.

4:35 Sabi'ana.

4:41 located ♂ standing neck deflated in eastern corner.

↓
5:09 Preening

5:11 standing neck deflated

5:14 Preening

5:15 standing neck deflated

5:25 Preening

5:27 standing neck deflated

5:32 " " " scratched head with foot

Foraging " "

5:37 " " " Alarm of redwattled

lapwing. standing neck deflated

5:41 standing neck deflated. Then foraging neck deflated

5:46 " " "

5:47 " " partly then fully then partly inflated

5:48 " " Fully " partly inflated. Uchicoparud

5:49 " " deflated

5:51 " " " walk then stand 4/8/1

5:52 " " " then foraging neck deflated

5:54 " " "

5:55 crow called partly then fully inflated neck

5:56 ~~Sub~~ standing neck deflated

5:57 " " " then partly then fully inflated

5:58 " " "

6:04 " " " Peacock called medium

" neck fully inflated then walk neck fully ^{inflated}

6:05 Displayed No win soul SF → NW. wind NW →

standing neck deflated

(136)

- 6:06 stawly neck deflated
- 6:07 Forayin " "
- 6:11 stawly " "
- 6:13 " " " Peacock called faint
 or fully inflated neck & displayed wing sound
 clear (but faint) 6 chicks 6 secs → NW
 wind NW →
- 6:14 standing neck deflated
- 6:25 Peacock called medium or stawly neck partly
 inflated then Neck deflated
- 6:26 stawly neck partly inflated then deflated
- 6:27 " " " deflated. Crow called Neck fully inflated
- 6:28 stawly neck fully inflated. Peacock called faint or
 displayed wing sound clear SE → NW. no wind
 6 chicks 6.5 secs
- 6:29 Forayin neck deflated
- 6:35 stawly " "
- 6:38 " " " then forayin neck deflated
- 6:39 " " " "
- 6:46 " " " Flapped wings then
- forayin " "
- 6:51 stawly " " then o.u.'s
- 6:52 Forayin " " then o.u.'s
- 6:56 Glimpses or forayin neck deflated
- 6:57 o.u.'s
- 7:25 left field.

7/6/88 Morning

3:15 Navakhad

5:27 ♂ flew from near eastern tree zone to south tree zone. 0.4.3 in tall grass.

5:29 Foraging neck deflated 0.4.3.

6:18 standing " " in southern open area.

6:21 Foraging " "

6:27 standing " "

6:29 preening

6:30 Foraging neck deflated. 0.4.3 in eastern tree zone

7:00 0.4.3.

7:15 left field.

Evening.

5:16 Navakhad

6:10 ♂ foraging neck deflated

6:21 Foraged 0.4.3

6:47 relocated foraging neck deflated

6:54 standing neck deflated. sunset.

6:55 Foraging " "

~~6:57~~ 6:57 standing " "

7:02 Foraging " "

7:08 " " " 0.4.3.

7:10 relocated standing neck fully inflated then walking neck partly inflated then deflated.

7:11 Foraging neck deflated.

7:12 " " " then running neck

fully inflated then foraging neck deflated. (possibly ♀ was present)

7:14 0.4.3.

7:25 left field.

7/6 Evening

- 5:16 → Havakkhad
 6:10 located ♂ foraging neck deflated
 6:21 Foraged o.u.s.
 6:47 relocated Foraging neck deflated
 6:54 s. tawily " " sunset
 7:02 Foraging " "
 7:10 standing neck fully inflated walky neck part then deflated
 7:11 Foraging neck deflated.
 7:12 " " " then running neck fully inflated
 then foraging neck deflated.
 7:14 o.u.s.
 7:25 left field.

10/6/88 Morning cloudy upto 7:30

- 5:10 → 7:05 No florican sighted at Sabiana.
 left field.

Evening

- 5:05 → Sabiana.
 6:10 ♂ flew in from north Sabiana near river.
 landed in display zone.
 6:11 standing neck deflated
 6:15 " " " then preening
 6:16 Foraging " "
 6:18 standing " "
 6:19 Foraging " " then standing neck deflated
 6:22 ↓ Standing " "
 6:44 Peacock called faint ♂ turned neck partly inflated then
 standing neck deflated
 6:45 Peacock called faint ♂ momentarily neck partly inflated
 then standing neck deflated
 6:50 Peacock called faint ♂ fully inflated neck and
 immediately displayed wing some clear 5 chicks
 S → N no wind.
 6:51 Foraging neck deflated

- 6:53 standing neck deflated
- 7:00 Foraging " "
- 7:03 " " " Peacock called loud ♂
fully inflated neck and displayed wing sound clear
5.5 secs 6 chirps W→E wind E→W
- 7:04 Foraging neck deflated
- 7:07 standing " "
- 7:12 peacock called medium ♂ fully inflated neck
and displayed 5 chirps 6 secs W→E
wind E→W
- 7:13 standing neck deflated
- 7:14 Foraging " "
- 7:15 standing " "
- 7:19 ♂ took to flight circled over south satiam.
Apostrophe 2 different birds calling.
- 7:20 1st flew over display zone 0.4's
- 7:22 satiana ♂ flew in and landed immediately
on landing leapt into the air and landed
5-10 mts away as it started by something
- 7:23 Fully inflated neck shook out feathers.
standing neck deflated
- 7:24 Foraging " "
- 7:25 tail coiled mantle raised chirping and running. Can
hear other ♂ also. (Apparently had circled and
landed back in satiam)
- 7:26 Both flew and 0.4's over west satiam.
- 7:30 left field.

12/6/88 morning cloudy

5:05 → played

6:01 ♂ displayed wing soul clear

6:02 foraging neck deflated

6:08 13 " " " 0.4.3

7:00 1 ♂ flew in. ♂ again chase. 0.4.3
over northern forest.

7:30 left field.

Evening

5:05 →

6:42. Peacock called medium. ♂ displayed
W.S.C. looking W → E no wind.

6:43 foraging neck deflated

6:49 " " " Peacock called medium

♂ fully inflated neck and displayed wing soul clear

6 chirch 6.2 secs W → E slight E → W wind

6:50 Foraging neck deflated

6:54 Foraging " "

7:03 heard ♀ take to flight (calling 'gaa chs')

♂ displayed wing soul clear.

7:04 saw ♂ landing near west tree line.

♂ foraging neck deflated

7:07 Peacock called medium ♂ turned fully inflated
neck and displayed wing soul clear W → E wind E → W

7:08 Foraging neck deflated

7:13 Standing neck deflated Peacock called medium

♂ displayed W → E wind E → W

7:14 Foraging neck deflated

7:19 " 0.4.3

7:30 left field.

15/6/88 Morning

5.00 satiana.

♂ standy neck deflated.

5.03 Peacock called medium ♂ neck partly inflated then deflated.

5.08 standy neck deflated.

5.09 " " " ran pecked insects.

Fully inflated neck shook out feathers.

standy neck deflated

5.10 " " "

5.11 Foraging " "

5.13 standy " "

5.18 " " " displayed wing soul clear

E → W. wind W → E

5.19 Foraging neck deflated

5.26 " " " 0.4.3 towards

South satiana.

↓ OWS.

7.00 left field.

Evening 5/6/88

5.05 → satiana

6.41 ♂ flew into display zone from north satiana near river.

Foraging neck deflated.

6.45 standy " "

7.13 " " " Peacock called medium loud. partly inflated neck. standy neck deflated.

7.14 " " " Peacock called loud " " neck. " " "

7.15 standy neck deflated

7.22 Peacock called loud ♂ fully inflated neck coaking then standy neck deflated

7.23 standy neck deflated then foraging neck deflated

7.25 Foraging neck deflated. left field.