Date :- 16/7/1991 Location Sameul ∠° of transect 25° Sunrise :- 6.10 a.m

Start time 6.30 a.m. End time 8.03. weather (i) cloud cover 1 Sunset :-

Start temp End temp (ii) wind 2

S.Nos.	Time	Mode of location	Species	Nos	♂	♀	Y	⊥ dist	∠°	∠° dist	Ob→⊥ Point	Activity	Position: vertical species	Position: ht	Position: ground substrate	Remarks
1	6.30	sight	Yellow throated sparrow	1	–	–	–	0	–	–	–	perched calling	Caparis outer foliage	2.5m		
1	6.32	sight	Black crowd tinned lark	1	1	–	–	20m	–	–	–	hunted foraging			sandy / loam plain	
1	6.33	Sight	"	1	–	1	–	0	–	–		flew across transect				
1	6.34	"	Home sparrow	1	1	–	–	5	–	–	–	foraging ground			Sandy	
1	6.35	"	common babbler	1	–	–	–	30	–	–	–	perched tree top	Caparis top branch	2m-3m	–	
1	6.35	"	B.C.F.L	1	1	–	–	0	–	–	–	flew across	–	–	–	
1	6.37	" call	Sandgrouse	1	–	–	–	50	–	–	–	flying calling				≤ 30-40m up
1	6.41	call/sight	common babbler	2	–	–	–	15	–	–	–	foraging tree / ground			sandy / plain	
1	6.42	sight	black.C.F.L	1	1	–	–	15	–	–	–	foraging			sandy / plain loam.	
2	6.45	Sight / call	Sandgrouse	8	–	–	–	100				flying / calling				
3	6.45	Sight	l.g. shrike	1	–	–	–	50	–	–	–	flying low over ground				
3	6.51	Sight	B.C.F.L	1	–	–	–	75				flying / calling				
3	6.52	Sight	Chinkaree	1	–	1	–	350	–	–	–	Standing	–	–	–	–
3	6.53	Sight	B.C.F.L	1	–	–	–	40	–	–	–	flying	–	–	–	–
3	6.55	~~Sa~~ call ~~Comb~~	Common babbler	?	–	–	–	~~40~~ 75±	–	–	–	flying / calling	–	–	–	–
3	6.58	call / sight	Green cheek beeeater	1	–	–	–	150+	–	–	–	flying / calling	–	–	–	–
3	6.59	sight	Sandgrouse	3	–	–	–	200	–	–	–	"	–	–	–	–
4	7.01	Sight	B.C.F.L	1	–	–	–	40	–	–	–	displaying	–	–	–	
4	7.03	Sight	B.C.F.L	1	1	–	–	50	–	–	–	foraging / ground	–	–	sandy / mouldy	
4	7.05	Sight	B.C.F.L.	1	–	1	–	15	–	–	–	flying / calling	–	–		
(5)	7.06	Sight / call	Sandgrouse	1	–	–	–	0	–	–	–	landed on ground	–	–	sandy / stony	
5	7.07	Sight	B.C.F.L	1	–	1	–	6	–	–	–	flying landed	–	–	–	
5	7.10	Sight	"	1	–	–	–	100	–	–	–	flying perched flying	–	–	–	
(6)	7.11	Sight	R. vented bulbul	2	–	–	–	25	–	–	–	flew across transect	–	–	magra	
5	7.12	Sight	B.C.F.L	1	1	–	–	0	–	–	–	perched on lam	–	–	–	
(6)	7.16	Sight	C. babbler	1	–	–	–	125	–	–	–	flew across	–	–	–	
(6)	7.16	Sight	B.C.F.L	1	1	–	–	0	–	–	–	perched on Caparis	Caparis	2m	–	
6	7.18	Sight / call	C. babbler	1	–	–	–	60	–	–	–	displaying				
6	7.21	Sight	B.C.F.L	1	1	–	–	25	–	–	–	calling / flying				
6	7.21	Sight / call	Sandgrouse	2	–	–	–	75	–	–	–					

S.No.	Time	mode of location	Species	Nos.	♂	♀	?	⊥ dist	∠°	∠° dist	⊙⊥ dist	Activity	Position vertical	Position ht	ground substrate	Remarks
C	7.23	start	C. babbler	1	-	-	-	10	-	-	-	flew across				
7	7.27	Start	B.C.F.C.	1	1	-	-	40	-	-	-	displaying				
7	7.29	Start	Chiukara	2	-	2	-	250	-	-	-	runny				
7	7.30	Sight	"	1	-	1	-	"	-	-	-	Singly				
8	7.32	Start	Chiukara	2	1	1	-	250±	-	-	-	ran across from dist				
8 (9)	7.33	Sight	"	2	-	2	-	0	-	-	-	displaying				
(9)	7.38	Sight	B.C.F.C	1	1	-	-	100	-	-	-	Lady on ground			magpra	
9	7.39	Start	B.C.F.C.	2	2	-	-	3	-	-	-	foraging			sat/magpra	
10	7.41	Start	B.C.F.C	1	1	-	-	8	-	-	-	display				
10	7.42	Sight/call	B.C.F.C	1	1	-	-	30	-	-	-	ran across.				
10	7.44	Start	Chiukara	7	7	7	1	200	-	-	-	-				
(11)	7.46	Sight	"	3	-	-	-	150	-	-	-	-				
(13)	7.47	Sight	Chiukara	5	-	-	-	0	-	-	-	-				
11	7.49	Start	B.C.F.C	2	-	2	-	0	-	-	-	flew across				
11	7.52	Sight	B.C.F.C.	1	1	-	-	35	-	-	-	display				
12	757	Sight/flush	B.C.F.C	1	-	1	-	5	-	-	-	flushed			sandy floor	
13	7.58	Start	B.C.F.C	1	-	-	-	20	-	-	-	flying				
13	7.59	"	"	1	1	-	-	50	-	-	-	display				
13	8.00	"	"	1	-	1	-	18	-	-	-	foraging			magpra.	
13	8.02	Sight	"	2	-	-	-	40	-	-	-	flying				
13	fox															
12	fox cat?															
11	fox															
11	fox															
9	fox															
7	fox															
8	fox															
7	fox															
5	cat?															
1-4	magpra mostly															

Date:- 17/7/1991 location:-Sam end. 2° of transact 720°

start time :- 6-30 am end time :- 7-51 a.m. weather (i) cloud cover 3/8 sunrise 6.10

start temp :- 31°c end temp :- 32°c (ii) wind speed 2 sunset

S.Nos.	Time	M of Loc	Species	Nos :-	♂	♀	Y	Idist	Activity	Position vertical/species	ht	ground substrate	Remarks.
1	5.47	start	common babbler	1	-	-	-	7	on top branch	caparis	3-4		
2	5.50	Hwd	Indian sandgrouse	5	-	-	-	20	overal			sand coth sprarty grass	
2	5.55	head	green blue cheek bee eater	2	-	-	-	100	flying			sandy / bo	row under firmer overhang. some old caparis roots.
2	5.55	saw	4 Indian sandgrouse	4	-	-	-	125	flying				
~~25~~ 69	6.05	saw	Agamid	1	-	-	-		edge of borrow western				
9	6.15	saw	4 Chukhera	1				0	running across parade				
13	6.35		Agamid	1									
1	6.30	Start	Ring dove	1	-	-	-	50	flying / away				
2	6.55	Start	Skink	1	-	-	-	0	running	adjacent to lava		sandy / plain / pebble pated	stoneblystony
2	6.55	Sight	B.C.F.C	3	1	2	-	0	flew across hut				
2	6.39	Sight	Ringdove	2	-	-	-	100	flying				
2	6.39	11	B.C.F.C	1	-	-	-	0	flew across				
3	6.42	start	C.G. shrike	1	-	-	-	2	on treetop	Caparis	3m		
3	6.46	start	B.C.F.C	1	-	1	-	40	flying				
(4)	6.47	start	Rosy pastor	8	-	-	-	50	flying				
3	6.45	head	Common babbler										
4	6.49	seen	white throated yellow throated spurwing	12-15	-	-	-	50-60	foraging / fly			sandy / maps	
~~5~~ 5	6.55	Seen	C. Babbler	1	-	-	-	50	flew from Caparis			sand / maps	
5	6.55	seen	B.C.F.C	4	-	1	-	40	foraging			sandy / plain	
6	7.03	seen	B.C.F.C	1	-	1	-	20	flew				
6	7.06	seen	C.babble	1	-	-	-	20	fly	-			
6	7.06	seen	B.C.F.C	1	-	-	-	~~25~~	fly				
6	7.07	11	11	1	1	-	-	30	display				
6	7.08	11	11	1	-	\	-	15	foraging			Sandy	
7	7.13	11	Agamid	1	-	-	-		base of lava			Sandy	
8	7.16	11	Blue cheeked bee eater	4	-	-	-	0	flew across				
9	7.24	11	skink	1	-	-	-	-	base of lava			Sandy	

S. Nos.	Time	Mode of location	Species	Nos	♂	♀	Y	⊥ dist	Activity	Position vertical species	Position ht	Ground substrate	Remarks
10	7.33	Sight	Agamid	1	—	—	—	—	—	—	—		
11	7.38	Sight/hit	C. habbler	1	—	—	—	20	flying/foraging			sandy/plain	
11	7.40	"	"	1				25	perched	Capparis	1.5		
12	7.46	"	B.C.F.C	1	1	—	—	10	flying				
13	7.47	"	"	1	—	—	—	0	flew across				
14	—												
9	Cat? ~~fox~~												
~~9~~	fox												
~~9~~	fox	2-3 fox. tracks seen											

DATE : 1/8/1991 LOCATION :- Sam end. 2° of TRANSACT length

START TIME 7.05 END TIME 8.40 START TEMP 28°C END TEMP 31.5.

Cloud cover 2/3
wind speed 3 / windy duty
Sunrise. —

Seq Nos.	TIME	Mode loc	Species	Nos	♂	♀	Y	⊥ dist	L/R	Activity	HABITAT PLANT SP	POSITION	HEIGHT	Ground / substrate	REMARKS
1	7.06	Sight	Chinkara	2	1	1	–	150	R	Running					open / sewan
1	7.06	Sight	B.C.F.L.	1	1	–	–	30	R	landed				Sandy / talar	
1	7.12	"	W. Cheeked bulbul	2				5	L	On bush/cooling	Capparis	Midway	1.5		
1	7.13	"	White thrate munia	1				5	L						
1	7.13	"	1 Rufous chat	1		1		5	L						
1	7.15	"	1 Comm woodshrike	1				5	L						
1	7.15	"	1 B.C.F.L	1	♂	♀	–	5	L	displaying					
1	7.15	"	1 L.G. Shrike	1	–	–	–	35	R	perched	Calotropis	Top	3.5	–	
2	7.18	"	Gerbil	1	–	–	–	8	L	went into burr	lava				
2	7.22	heard	C. Babbler	2	–	–	–	10	L	–	Capparis	Outer	3	Stony	
3	7.27	" / sight	B.C.F.L.	1	1	–	–	25	L	display				Stony	
3	7.28			1	–	1	–	25	L	foraging				Stony	
3	7.29	Sight	B.C.F.L	1	1	–	–	15	R	took to flight				magra	
3	7.33	Sight	lark	1	–	–	–	75	R						
4	7.38	heard	B.C.F.L	1	1	–	–	–	R	displaying					
4	7.40	"	"	1	1	–	–	50	L	display					
5	7.48	Sight	Ring dove	1	–	–	–	50	L	flying					
6	7.55	"	C. babbler	1	–	–	–	5	L	perched	~~Cap~~ lava	Top	1.5		
7	7.56	heard	"	1	–	–	–	25	L	–	–				
7	7.57	Saw	Blue rock pigeon	1	–	–	–	10	L	flying					
7	7.59	Saw	B.C.F.L	1	–	1	–	15	R	"					
7	7.59	"	R. dove	1	–	–	–	40	R	"					
												Top can.	3		
8	7.59	"	C. Babbler	1	–	–	–	0	1	took to flight	Capparis				
8	8.04	"	B.C.F.L	1	1	–	–	100	R	display					
	8.05	"	B.C.F.L	1	1	–	–	3	L	foraging				Sandy	
	8.05	"	B.C.F.	1				0		flew across					
	8.06	"	Chinkara	2	–	–	–	300	R	Running					
9	8.09	"	B.C.F.L.	1	–	1	–	2	L	flying					
9	8.11	"	"	1	–	–	–	15	R	"					
9	8.12	heard	Sandgrove	1	–	–	–	75	R	"					
	8.14	Saw	B.C.F.L	1	1	–	–	3	L	foraging				Sandy	
	8.15	"	"	1	1	–	–	25	R	display					
	8.16	"	Comon Indian Sandgrove	3	–	–	–	15	R	flying					

Sq No.	Time	Mode loc	Species	Nos	♂	♀	Y	⊥ dist	L/R	Activity	HABITAT Plant sp.	Position	Ht	Ground substrate	REMARKS
10	8·21	Stat	B·C·F·C	1	1	–	–	0	L-R	Hew away					
10	8·22	Walk	S. grouse	–	–	–	–	–	–	–					
10	8·24	Walk/Stat	B·C·F·C	3	–	–	–	40	L	Fly					
11	8·25	Saw	Cuck	1	–	1	–	300	L						
11	8·26	11	B·C·F·C	1	–	1	–	40	R	Fly					
11	8·28	11	B·C·F·C	1	1	–	–	40	R	display					
12	8·32	11	11	1	1	–	–	50	R	11					

DATE : 2/8/91 LOCATION :- Outside Sam encl. 2° of TRANSACT length 1.3 km

START TIME 7.05 am END TIME 8.20 START TEMP 27°C END TEMP 32°C

Cloud cover 0 wind speed 2 Sunrise.

strong wind sandy / dust flying

Seq Nos.	TIME	Mode Loc	Species	Nos	♂	♀	♈	⊥ dist	L/R	Activity	HABITAT PLANT sp.	POSITION	HEIGHT	Ground / substrate	REMARKS
1	7.05	Sint	Ring dove	1	–	–	–	2m	L	foraging				fallow field.	
2	7.11	Heard	B.C.F.C	1	1	–	–	25	R	Display					
	7.13	"	"	2	–	–	–	50	L	—					
3	7.18	Sint	Rosy Pastor	2	–	–	–	60	R	flying					
	7.19	Sylt	Indian Sandgrouse	2	–	–	–	25	R						
4	7.24	Sint	B.C.F.C	1	–	1	–	10	L	flying					
4	7.25	Sint	R. Dove	1	–	–	–	75	L	flying					
5	7.27	"	R. Dove	1	–	–	–	0	L-R	flew across.					
5	7.30	"	R. Dove	1	–	–	–	75	L	flying					
(6)	7.28	"	B.C.F.C	1	1	–	–	0	R-L	flew/disp					
6	7.34	Sint	B.C.F.C.	1	1	–	–	5	R	flying					
(7)	7.36	Sint	Blue Rock pigeon	1	–	–	–	0	L-R	flying					
7	7.39	Sint	R. Dove	3	–	–	–	100	R	took to flight				Magra.	
(8)	7.38	Sint	Indian Sandgrouse	5	–	–	–	0	L-R	flying					
7	7.41	Sint	Indian Sandgrouse	4	–	–	–	0	L-R	flying					
7	7.42	Heard	C. babler	1?	–	–	–	40	L	(heard only)					
8	7.47	Seen	Donkeys	5	–	–	–	30	L/R						
8	7.50	Seen	Chinkara	1	1	–	–	300	L	grazing					
8	7.51	Seen	"	2	–	1	1	200	L	Stalky					
9	7.57	Seen	B.C.F.C	1	–	–	–	35	L	flying					
(11)	8.04	Hear	C. Babbler	1	–	–	–	10	L						
10	8.05	Seen	R. Dove	6	–	–	–	25	L	flying					
12	8.12	Seen	C. Indian Sandgrouse	8	–	–	–	5	L	flying					
12	8.12	"	C. Babbler	1	–	–	–	20	L	foraging				sandy / dust	
13	8.15	" / ind	C. babbler	1	–	–	–	10	R	calling from	Jana	top branch	1m		

Seq Nos.	Time	mode loc	Species	Nos	♂	♀	Y	⊥ dist	L/F	Activity	HABITAT Plant sp.	HABITAT Position	HABITAT Ht	HABITAT Ground substrate	REMARKS

DATE 3/8/91 LOCATION Sudasari (A) 2° TRANSACT LENGTH 2km. cloud cover 0
START TIME: 6.40 END TIME 9.15 START TEMP 26°c END TEMP 34°c wind speed 3/4
Sunrise 6.22

seg nos.	TIME	Mode loc	Species	NOS	♂	♀	Y	1 dist	L/R	Activity	HABITAT PLANT SP	Position	Height	Ground/substrate	Remarks
1	6.42	S	B.C.F.1	1	1	—	—	60	R	flty					
	6.43	S	Q.I.B	1	1	—	—	300	R	flty					
	6.44	S	B.C.F.C	1	—	—	—	50	R	"					
	6.45	S	R.Dove	1	♂	—	—	25	L	flty					
	6.46	S	B.C.F.C	1	—	—	—	25	R	flty					
	6.45	S	C.Babbler	2	—	—	—	25	R	flew outotree	Capan	O. canopy	1m		
	6.45	S	5 U.F.	1	—	—	—	"	R	foun in calling"	Capan				
	6.49	S	1 warbler	1	—	—	—	0		↳ "	" Capan	O. bran	1m		
	6.50	H/S	white cheeked bulbul	1	—	—	—	15	L	"	"	1	"		
	6.52	S	C. babbler	1	—	—	—	20	L						
2	6.53	S	C. babbler	2	—	—	—	30	R						
	6.53	H/S	T.T. Sparrow	1	—	—	—	40	R	callin	Capan	O. brank	2m		
	6.57	S	Rosy pator	8	—	—	—	250	L	flty					
	6.57	OH	Plain wren-warbler	1	—	—	—	50	L	"	—	—	"		
	6.58	S	Rufous chat	2	—	—	—	5	L	flty	—	—	—		
	7.00	S	R. pator	1	—	—	—	40	R	flty	—	—	—		
	7.02	S	R. Dove	1	—	—	—	60	L	Display	—	—	—		
(3)	7.00	S	Chinkara	1	—	1	—	—	R-L	Alert/run	—	—	—		
2	7.02	S	R. Dove	2	—	—	—	5	L	flty	—	—	—		
	7.04	S	C. babbler	2	—	—	—	5	R	foray	—	—	—		
	7.05	S	~~Black hg eated bunting~~ ~~U.F (1 IPS)~~	5	—	—	—	5	L-R	flty	—	—	—		
3	7.07	S	Rufous chat	1	—	—	—	10	R	foraging				Sandy/trim	
	7.08	S	Chinkara	1	1	—	—	300	L	fony					
	7.08	S	Chinkara	1	1	—	—	250	R	forany					
	7.09	S	C.I. Sandgrouse	5	—	—	—	100	R	flty					
	7.10	S	R. Dove	1	—	—	—	50	L	flty					
(4)	7.11	S	Chinkara	1	1	—	—	25	R	foray					
	7.13	S	Chinkara	2	—	1	—	250	R	Alert					
	7.15	S	B.C.F.L	2	—	—	—	40	L	flty					
	7.16	S	R. pator	20	—	—	—	150	L	flty					
	7.17	~~OH~~	B.C.F.C	1 ~~20~~	1	—	—	40	L	~~flty~~ Disp					
	7.18	S	R. Dove	3	—	—	—	100	L	flty					

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Seq Nos.	Time	Mode loc	Species	Nos	♂	♀	?	⊥ dist	L/R	Activity	HABITAT PLANT SP	Position	HG	Grawl/Substrate	Remarks.
4	7.20	S	Chinkara	1	1	-	-	200	R	fly					
	7.21	S	B.C.F.C	1	-	-	-	50	L	Hy					
	7.22	S	"	1	-	-	-	75	R	"					
	7.23	S	R. Pator	25	-	-	-	150	R	Hy					
	7.24	S	R. Dove	1 3 a	F-	-	-	30	L	pull					
	7.25	S	Rufous chat	1	-	-	-	10	R	pull	Capparis	low o.b.	0.5		
(6)	7.27	S	R. pator	8	-	-	-	0	L-R	fly					
5 (a)	7.29	S	Chinkara	8	-	-	-	150	L	fly					loosely scattered
5	7.30	S	R. Dove	3	-	-	-	0	L-R	fly					
	7.31	S	Indian fox	1	-	-	-	20	R	runs					
	7.33	S	R. Dove	1	-	-	-	100	R	pull away					
	7.35	S	Kashmir Roller	1	-	-	-	50	L	fly					
	7.35	S	R. Pator	1	-	-	-	50	L	fly					
6	7.36	S	C.T. Munia	3	-	-	-	0	L-R	fly					
(7)	7.38	OH	G. Partridge	(2)	-	-	-	150	R	calls					
6	7.41	S	B.C.F.C	2	-	-	-	8	R	fly					
6	7.43	OH	P.W. warbler	1	-	-	-	25	L						
7	7.45	S	Chinkara	4	-	-	-	150	L	-					
7	7.45	S	chinkara	1	-	-	-	250	L	-					
7	7.46	S	R. pator	(40)	-	-	-	75	R	fly					
7	7.49	S	B.C.F.C	1	-	-	-	25	L	fly					
8	7.51	S	B.C.F.C	1	1	-	-	10	R	fly					
8	7.53	S	L.G. Shrike	1	-	-	-	30	R	calls					
8	7.56	S	R. Pator	15	-	-	-	75	R	fly					
8	7.58	S	B.C.F.C	1	1	-	-	40	L	fly					
8	7.58	S	Plain w. warbler	1	-	-	-	2	R	fly/calls					
8	8.00	S	B.C.F.C	1	-	1	-	10	L	fly					
9	8.02	S	Plain w. warbler	1	-	-	-	5	L	calls/fly					
	8.04	S	~~Plain Prinia~~ Babbler	~~10~~	-	-	-	~~25~~	L	fly					
	8.04	S	R. pator	50	-	-	-	75	L	fly					
	8.05	S	B.C.F.C	1	1	-	-	15	R	fly				Sand / mud	
	8.06	S	R. Dove	1	-	-	-	60	R	fly					
426	8.09	S	B.C.F.C	2	1	1	-	30	L	fly					
	8.09	S	R. Dove	2	8-	-	-	45	L	fly					

3/8/91 : Sudasari (A) cont.

Seq Nos.	Time	Mode loc	Species	Nos	♂	♀	Y	⊥ dist	L/R	Activity	HABITAT Plant SP	Position	HE	Ground/Substrate	Remarks
10	8.13	S.	Chinkara	7	–	–	–	150	L	Alum					
	8.16	S	W.T. Munia	2	–	–	–	0	R-L	fly					
	8.17	S	I.U.F. Babbler	1	–	–	–	15	R	pend					
	8.19	S	B.C.F.L	1	+	–	–	5	L	fly					
	8.20	S	W.T. Munia	2	–	–	–	15	R	fly					
	8.21	S	B.C.F.L	2	–	–	–	20	R	fly					
12	8.24	S	Chinkara	13	–	–	–	250	R	fly					
	8.26	S	B.C.F.L	2	1	1	–	25	L	fly					loosely scattered
12	8.26	S/H	C. Babbler	1	–	–	–	30	L	Calling	Sewan	Topotara 75cm	0.75		
	8.27	S	W.T. Munia	2	–	–	–	30	L	fly					
	8.28	S	W.T. Munia	2	–	–	–	20	R	fly					
	8.29	S	Chinkara	3	–	–	–	100	L	Runy					
	8.31	S	Y.T. Sparrow	2	–	–	–	35	R	calling					
	8.32	S	Gerbil	1	–	–	–	35	R						
13	8.35	S	W.T. Munia	25	–	–	–	0	L	pend					
	8.35	S	R. Dove	1	–	–	–	0	L	pend					
13	8.39	S	C.I. Sandgrouse	2	–	–	–	150	L	fly					
	8.31	OH	C. Babbler	1	–	–	–	50	R	calling					
	8.31	S	R. Pastor	2	–	–	–	30	L	–					
	8.32	S	R. Pastor	30	–	–	–	100	L	fly					
14	8.44	S	B.C.F.L	1	+	–	–	15	L	fly					
14	8.46	S	Chinkara	9	–	–	–	150	L	Runy					
15	8.48	S	W.T. Munia	6	–	–	–	50	L-R	fly					V. Stony wind starts
15	8.49	S	G.I.B	1	–	1(?)	–	200		fly					
	8.50	S	W.T. Munia	2	–	–	–	0	L-R	flew					
16	8.52	S	H. Crow	1	–	–	–	80	R	calling					
	8.55		Black headed bunting	8											
	8.58		W.T. Munia	2	–	–	–	0	L-R	fly					
17	9.00		W.T. Munia	5	–	–	–	0	L-R	flew					
17	9.01		R. Dove	2	–	–	–	2	R	Pend					
	9.02		B.C.F.L	1	–	–	–	20	R	Runy					
	9.03		R. Dove	3	–	–	–	5	R	Runy					
18	9.06		Chinkara	1	–	–	–	250	L						
	9.07		R. Pastor	7	–	–	–	75	L	fly					

Seq Nos.	Time	Mode loc	Species	Nos	♂	♀	Y	+ clut	L/R	Activity	HABITAT PLANT SP.	HABITAT Position	HABITAT HT	HABITAT Ground substrate	Remarks.
19	9.12	S	Wilsonia	7	–	–	–	0	L-R	Flew across					

DATE 5/8/91 LOCATION Sudasani 'B' 2° TRANSACT LENGTH 1.5 km. cloud cover 3/4 wind speed 3

START TIME 6.45 END TIME 8.15 START TEMP 25 END Temp. 26.5 Sunrise 6.22

Sq nos.	TIME	Mode loc	Species	NOS	♂	♀	Y	⊥ dist	L/F	Activity	HABITAT PLANT SP	Position	Height	Ground/substrate	Remarks
1	6.45	OH	B.C.F.L	1				50	R	calling					c. 20+ cattle in enclosure. 3 even herded them out.
	6.46	OH	Y.T.S.	1				50	R	calling					
2	6.56	S	L.G. Shrike	1				25	R	perched	c. apans	O. branch	2		
	6.57	S	R. Dove	1				100	R	Display					
3	7.00	S	R. Dove	1				100	L	perched	Kheyid	Topmost branch	8 tm		
	7.03	H/S	B.C.F.L	1	1			50	R	display					
4	7.06	S	Chinhara	1	–	–	–	250	R	foraging					
	7.08	S	Chinhara	1	–	–	–	100	R	Running					
			Camel	1				"	R						
5	7.12	S	G.F.	9	–	–	–	0	C-R	flying					
	7.14		R. Dove	2				5	L	flying					
	7.14		Camel	1				125	L	grazing					
6	7.16		Raptor (Tawny?)	1	–	–	–	150	R	perched					
		OH	Chabbler	2-3	–	–	–	50	R						
(13/4)	7.22	S.	Butand G.F	3	–?	–	–	0	←R-L	flying					
6	7.23	S	R. Dove	1				10	L	Perched					
7/8/9	7.24	S	L.G. Shrike	1				75	R	perched	c. apans				
	7.25	S	R. Dove	1				35	L	flying					
	7.27	S	C. babbler	1				50	L	foraging					
	7.27	S	R. pantor	?				75	R	foraging					
	7.29	S	C. Grey shrike	1				50	R	foraging					
	7.30	OH	White-cheek bubble	??				75	R	calling					
	7.32	S	B.C.F.L	1				25	R	foraging					
	7.34	S	Raptor (Tawny?)	1	–	–	–	200	L	perched					
	7.36	S	R. Dove	2				80	L	foraging					
8	7.40	S	C. babbler	1				60	R	foraging					
10	7.42		B.C.F.L	1	1			35	R	Display					
	7.45		Y.T. Sparrow	1	–	–	–	25	R	calling					
	7.46		R. pantor	11	–	–	–	40	L	flying					
	7.48		B.C.F.L	2	2	–	–	5	R	foraging					
11	7.49		R. Dove	2	–	–	–	50	R	flying					
	7.51		L.G. Shrike	2	–	–	–	75	R	calling					
12	7.55		Y.T. Sparrow	1	–	–	–	30	R	"					

Seq Nos.	Time	Mode loc	Species	Nos	♂	♀	Y	⊥ dist	L/R	Activity	HABITAT Plant sp.	HABITAT Position	HABITAT Ht	Ground substrate	Remarks
14	8·06		B.c.FL	1				0	C-R	fly					
	8·07		R-parlor	14			14	10	R	fly					
	8·09		B-c·FL	2	1	1		5	L	foraging					
15	8·10		B·c·FL	1	-	-	-	20	C	fly					

Date:- 6/8/91 LOCATION Outside Sudasari classes 2° of Transect length 1.4 km cloud cover 3/4
Start time 7.00 End time ~~7.45~~ 8.00 Start Temp:- 26°C End Temp 28°C wind speed 3
sunrise. — observed

S.Nos.	Mock time	Species	Nos.	♂	♀	Y	⊥ dist.	L/R	Activity	Plant sp	Position	Ht	Substrate.	Remarks
1	7.00	C. Babbler	1	–	–	–	0		Perched	Cajanus	top. C	2.5		
	7.00	Y.T. Sparrow	1	–	–	–	10	R	fanning					
2	7.06	B.C.F.L	4	2	2	–	15	L	fanning				Sandy	
	7.07	R. Dove	1	–	–	–	20	R	fanning					
	7.08	Cows	6		~~2~~	~~2~~	70	R						
		Camel	2				70	R						
		Donkeys	5				70	R						
3		Do												
4		Donkeys	2				5	C	grazing					
	7.18	U.F. warbler	1	–	–	–	10	R	fanning	Cajanus	Top. C.		1-5	
	7.22	C babbler	1	–	–	–	20	C	fanning					
	7.24	C.G. Shrike	1				10	C	flying					
	725	C.G. Shrike	1	–	–	–	50	C	carry					
7	7.27	R. Dove	2	–	–	–	20	C-R	flying					
	7.29	U.F Warbler	1	–	–	–	4	R	fanning					
	7.30	B.C.F.L	2	1	1	–	10	R	flying					
	7.32	Rufous chat?	1	–	–	–	0	C-R	flying					
9	9.33	B.C.F.L	1	1	–	–	25	R	display					
	7.35	U.F. (Y.T.S.?)	3	–	–	–	60	R	flying					
	7.35	C.G. Shrike	1	–	–	–	60	R	perch					
10	7.43	B.C.F.L	2	1	1	–	10	R	fanning				Sandy/Grey	
12														
13	7.47	C.I. Sunbird	6	–	–	–	0	C-R	flying					
	7.48	B.C.F.L.	1	+	–	–	40	R	display					
		U.T. (B.H Bulbul)	6	–	–	–	125	R	flying					
14														

Location Sam A'Date 8/8/91 Transact Point # 1 ∠° of Transact 25° ∠° of veg. sampl 115.°E.
excl.

Point	Reading	Botanic name	Substrate	Height c.m	Girth at base/ Spred of runner circum	Dia	d/o live growth	Phenology	Grazing 0,1,2		
1	bare		magra/sand top	–	–	–	–	–			
2	"		"	2	–	–	sprouting/ drying	sprouting/drying green leaf			
3	Sinandi		"	–	–	–	–	–			
4	Dakda/kanti		"	2	–	–	"	"			
5	Sewan		"	4.5	–	–	10%	new sprout		No old clump/fresh.	
6	bare		"	–	–	–	–	–			
7	Sewan		"	8	–	–	40 60%	"		"	
8	Sewan		"	3	–	–	50%	"		"	
9	Sinandi			2	(9x3.5)		100	bud			
10	bare		"	–	–	–	–	–			
11	bare		magra com in sand	–	–	–	–	–			
12	bare		magra	–	–	–	–	–			
13	bare		magra	–	–	–	–	–			
14	bare		"	–	–	–	–	–			
15	bare		"	–	–	–	–	–			
16	"		"	–	–	–	–	–			
17	"		"	–	–	–	–	–			
18	"		"	–	–	–	–	–			
19	"		"	–	–	–	–	–			
20	"		"	–	–	–	–	–			
21	"		"	–	–	–	–	–			
22	"		"	–	–	–	–	–			
23	"		"	–	–	–	–	–			
24	"		"	–	–	–	–	–			
25	"		"	–	–	–	–	–			
26	Gautia/Nardo		wagra/with little hum soil	1.5	8	3	0	dead	–		
27	bare		magra	–	–	–	–	–			
28	bare		"	–	–	–	–	–			
29	bare		"	–	–	–	–	–			
30	bare		magra with sand	–	–	–	–	–			

Location sam 'A' encl. Date 8/8/94 Transact Point 51 ∠° of transact 25° ∠° of veg sample 295°

Point	Reading	Botanic name	Substrate	height	Girth at Base/ Spread of runner circum.	dia	% live growth	Phenology	Grazing 0,1,2		
1	bare		magra cove by sand	–	–	–	–	–			
2	nardo/gantia		"	5	–	–	90	sprouting			
3	Sinandi		"	0.5			75	sprouting			
4	bare		magra	–	–	–	–	–			
5	"		"	–	–	–	–	–			
6	"		"	–	–	–	–	–			
7	"		"	–	–	–	–	–			
8	"		"	–	–	–	–	–			
9	bare		Rock	–	–	–	–	–			
10	"		Magra	–	–	–	–	–			
11	"		May	–	–	–	–	–			
12	"		"	–	–	–	–	–			
13	"		"	–	–	–	–	–			
14	"		"	–	–	–	–	–			
15	"		"	–	–	–	–	–			
16	"		"	–	–	–	–	–			
17	"		"	–	–	–	–	–			
18	"		"	–	–	–	–	–			
19	"		"	–	–	–	–	–			
20	"		"	–	–	–	–	–			
21	"		Rock	–	–	–	–	–			
22	"		magra	–	–	–	–	–			
23	"		magra cove by sand	–	–	–	–	–			
24	"		"	–	–	–	–	–			
25	"		"	–	–	–	–	–			
26	nardo/gantia		"	14	–	–	0	dead			
27	bare		↓	–	–	–	–	–			
28	bare			–	–	–	–	–			
29	bare			–	–	–	–	–			
30	Sewan		sand mound on magra	28	70	18X8	5	–	0		

Location Sam A Encl. Date 8/8/91 Transect Point 2 ∠° of transect 25° ∠° of very sample 115°

Point	Reading	Botanic name	Substrate	Height	Girth at Base/ Spread of runner Circum / Dia		% live growth	Phenology	Grazing 0 1 2
1	Bare		Thalar	–	–	–	–	–	–
2	Ghantia/nardo		Thalar	0.5	–	–	0	dead	?
3	sinandi		11	0.5	–	–	0	dead soon after sprouty	–
4	bare		11	–	–	–	–	–	–
5	11		11	–	–	–	–	–	–
6	Behar		11	<0.5	–	–	0	dead on appearance	–
7	bare		11	–	–	–	–	–	–
8	bare		11	–	–	–	–	–	–
9	11		11	–	–	–	–	–	–
10	11		11	–	–	–	–	–	–
11	Sewan		part of sand on thalar.	25	180	50	5	mostly dead few sprouting	1
12	Bare		Thalar	–	–	–	–	–	–
13	Sewan		slant sand on thalar	3.5	40	9	0	stubble	2
14	Sewan		on thalar	5	–	–	0	new sprout dry	0
15	sewan		thalar	3.5	–	–	70	new sprout	0
16	Behar		Thalar	1	–	–	70	new sprout drying	0
17	Bare		Thalar	–	–	–	–	–	–
18	Bare		Thalar	–	–	–	–	–	–
19	Bare		Thalo	–	–	–	–	–	–
20	Bare/oldsewan		Thalar	<0.5	–	–	Old sewan clump reduce to basal of stubble.		
21	Behar		Thalo	1	–	–	30	new sprout drying	0
22	Bare		Thalar	–	–	–	–	–	–
23	Sinandi		Thalar	<1	–	–	0	new sprout drying	0
24	Sewan/bare		Thalar	<1	–	–	0	old clump disintegrating to basal of stubble.	
25	Bare		11	–	–	–	–	–	–
26	Behar		11	1	–	–	10	new sprout drying	0
27	Bare		↓	–	–	–	–	–	–
28	Bare			–	–	–	–	–	–
29	Sewan		Thalar	3	–	–	0	new sprout drying	0
30	Bare		11	–	–	–	–	–	

LOCATION Gam end. DATE 8/8/91 TRANSACT POINT 2 ∠° of Transact 25° ∠° of Veg sample 295

Point	Reading	Botanic name	Substrate	height	Girth at base/ spread of runner Circum	Dia	% live growth	Phenology	Grazing 0,1,2
1	Behar		Thalar	<0.5	–	–	0	new spout dry	0
2	Bare		↓	–	–	–	–	–	–
3	"		↓	–	–	–	–	–	–
4	Lana		"	1	–	–	0	new spt dead.	0
5	Bare		↓	–	–	–	–	–	–
6	Bare		↓	–	–	–	–	–	–
7	Bare		↓	–	–	–	–	–	–
8	Gantia/Sarlo		"	<0.5	–	–	0	new spt dry in	–
9	Bare		Sand on thalar	–	–	–	–	–	–
10	Bare		"	–	–	–	–	–	
11	Bare.		"	–	–	–	–	–	
12	"		"	–	–	–	–	–	
13	"		"	–	–	–	–	–	
14	"		Thalar	–	–	–	–	–	
15	"		"	–	–	–	–	–	
16	"		"	–	–	–	–	–	
17	"		"	–	–	–	–	–	
18	Sinandi		"	1	–	–	10	new spt dry	
19	Sinandi		"	0.5	–	–	0	"	
20	Sinandi		"	"	–	–	"	new spt dried	
21	"		"	"	–	–	"	"	
22	Bare		Sand on thalar	–	–	–	–	–	
23	Bare		Sand on thalar	–	–	–	–	–	
24	Bare		Thalar	–	–	–	–	–	
25	"		"	–	–	–	–	–	
26	"		"	–	–	–	–	–	
27	"		"	–	–	–	–	–	
28	"		"	–	–	–	–	–	
29	"		"	–	–	–	–	–	
30	"		"	–	–	–	–	–	

LOCATION Sawaned. DATE 8/8/91 TRANSACT POINT 3 L° of Tramact 25 L° of veg sample. 115°

Point	Reading	Botanic name	Substrate	Height	Girth at base/ Spread of runner circum	Dia	% live growth	Phenology	Grazing 0, 1, 2
1	Sewan		Sand on Thalar	0.5	–	–	80	ca Sprout	
2	Behan		〃	L0.5	–	–	80	〃	
3	Bare		Thalar	–	–	–	–	–	
4	〃		〃	–	–	–	–	–	
5	〃		〃	–	–	–	–	–	
6	〃		〃	–	–	–	–	–	
7	〃		〃	–	–	–	–	–	
8	〃		〃	–	–	–	–	–	
9	〃		〃	–	–	–	–	–	
10	Sewan		Sand on Thalar	L0	–	–	0	old shoot dead	
11	Dabda/Kair		〃	2	–		100	new Sprout	
12	Behan		Thalar	1	–	–	80	〃	
13	Bare		〃	–	–	–	–	–	
14	Bare		〃	–	–	–	–	–	
15	Sinandi		〃	2	–	–	60	Young Shoot dying up	
16	Bare		〃	–	–	–	–	–	
17	Sewan		Sand mound on Thalar	17	87	30	0	dead plant	
18	Sinandi		〃	0.5	–	–	30	Young Shoot dying	
19	Bare			–	–	–	–	–	
20	Sewan		Sand on thalar	22	75	22	0	dead plant	
21	Nardo/Gantia		Thalar	7	76, 50	Shoots	90	vegetative	
22	Bare		Thalar	–	–	–	–	–	
23	Bare		Thalar	–	–	–	–	–	
24	Sinandi		Thalar	L0.5	–	–	10	Low Shoot dying	
25	Bare		Thalar	–	–	–	–	–	
26	Bare		Thalar	–	–	–	–	–	
27	Bare		〃	–	–	–	–	–	
28	Doodali (Nuer)		〃	0.5	–	–	100	vegetative	
29	Bare		〃	–	–	–	–	–	
30	Sewan		〃	2	–	–	10	new Shoot dying	
31									

LOCATION SAM 'A' DATE 8/8/91 TRANSACT POINT 3 ∠° of Transact 75° ∠° of Vee sample 295
Encl.

Point	Reading	Botanic name	Substrate	height	Girth at Base/ spread of runner circum	dia	% live growth	Phenology	Grazing 0, 1, 2		
1	Bare	~~Thalar~~	Thalar	–	–	–	–	–			
2	Bare	~~Thalar~~	Thala	–	–	–	–	–			
3	Sewan		Thalar	2	–	–	75	newsprout			
4	Bare		Thala	–	–	–	–	–			
5	Bare		Thalar.	–	–	–	–	–			
6	Gantia/Nardo		Thala	1	–	.	0	exposed roots.			
7	lump		Thalar	1	–	–	0	–			
8	Kanti		"	2	–	–	95	seedling			
9	Bare		"	–	–	–	–	–			
10	"		"	–	–	–	–	–			
11	"		"	–	–	–	–	–			
12	"		"	–	–	–	–	–			
13	"		"	–	–	–	–	–			
14	"		"	–	–	–	–	–			
15	"		"	–	–	–	–	–			
16	"		"	–	–	–	–	–			
17	"		"	–	–	–	–	–			
18	"		"	–	–	–	–	–			
19	"		"	–	–	–	–	–			
20	"		"	–	–	–	–	–			
21	"		"	–	–	–	–	–			
22	"		"	–	–	–	–	–			
23	"		"	–	–	–	–	–			
24	"		"	–	–	–	–	–			
25	"		"	–	–	–	–	–			
26	"		"	–	–	–	–	–			
27	Sewan		"	Stubble	–	–	0	boost of stubbles.			
28	Sewan		"	"	–	–	"	"			
29	Bare		"	–	–	–	–	–			
30	Bare.		"	–	–	–	–	–			

Location SAM ENCL 'A' Date 8/8/91 Transact Point 4 ∠° of Transact 25° ∠° of veg. sample 115°

Point	Reading	Botanic name	Substrate	Height	Girth at base / Spread of runner Circum	Dia	% live Growth	Pleudogy / Grazing 0,1,2
1	Bare		Thalar	-	-	-	-	-
2	Bare		"	-	-	-	-	-
3	Sewan.		Thalar	20	44	14	0	dead clump
4	Bare		"	-	-	-	-	-
5	Sewan clump		Thala	35	275m	105 X 75	50	Vegetation
6			-	-	-	-	-	-
7	Sinandi		"	1	-	-	0	-
8	Bare			-	-	-	-	-
9	Bare			-	-	-	-	-
10	Bare			-	-	-	-	-
11	Bare			-	-	-	-	-
12	Bare			-	-	-	-	-
13	Gantia / Nando		Thalar	4	-	-	40	Vegetation
14	Gantia		Thalar	3	-	-	5	"
15	Sewan			35	100	42	10	"
16	Bare			-	-	-	-	-
17	Bare			-	-	-	-	-
18	Sewan		Thalar	0.5	-	-	25	Newspaper during
19	Behar		"	1	-	-	100	Sprouts
20	Bare			-	-	-	-	-
21	"			-	-	-	-	-
22	"			-	-	-	-	-
23	"			-	-	-	-	-
24	Behar		Thalar	1	-	-	100	Sprouts
25	Bare		Thalar	-	-	-	-	-
26	"		"	-	-	-	-	-
27	"		"	-	-	-	-	-
28	"		"	-	-	-	-	-
29	"		"	-	-	-	-	-
30	"		"	-	-	-	-	-

Location Samenel. 'A' Date 8/8/91 Transact Point 4 ∠° of Transact 25° ∠° of veg sample. 295

Point	Reading	Botanic name	Substrate	Height	Girth at Base/ spread of runner Circum	Dia	% live growth	Phenology	Grazing 0 1 2
1	Bare		Thalar	–	–	–	–	–	
2	"		Thalar	–	–	–	–	–	
3	"		"	–	–	–	–	–	
4	"		"	–	–	–	–	–	
5	Gantia/Nardo		"	2	–	–	50	vegetative	
6	Sinandi		"	0.5	–	–	sprouting/ drying	50%	
7	Bare		"	–	–	–	–	–	
8	Bare		"	–	–	–	–	–	
9	Sinandi		"	0.5	–	–	35	sprouting/ drying	
10	Nardo/Gantia		"	2.5	–	–	exposed roots.	dead.	
11	Sewan		"	20	1.9m	65x55	30	vegetative	2
12	Bare			–	–	–	–	–	
13				–	–	–	–	–	
14				–	–	–	–	–	
15				–	–	–	–	–	
16				–	–	–	–	–	
17	Sewan		"	3	exposed roots		–	–	
18	Bare.			–	–	–	–	–	
19	"			–	–	–	–	–	
20	"			–	–	–	–	–	
21	"			–	–	–	–	–	
22	"			–	–	–	–	–	
23	"			–	–	–	–	–	
24	"			–	–	–	–	–	
25	"			–	–	–	–	–	
26	"			–	–	–	–	–	
27	"			–	–	–	–	–	
28	"			–	–	–	–	–	
29	"			–	–	–	–	–	
30	"			–	–	–	–	–	

LOCATION SAM End -A' DATE 8/8/91 TRANSACT POINT 5 ∠° of Transact 25° ∠° of veg sample. 115°

Point	Reading	Botanic name	Substrate	height	Girth at base/ spread of runner Circum	Dia	% live growth	Phenology	Grazing 0, 1, 2			
1	Sinandi		Sand on/ Magra	0.5	—	—	0	Sprout ded				
2	Baker		"	0.5	—	—	30	"				
3	Bare		Magra	—	—	—	—	—				
4	"		Magra	—	—	—	—	—				
5	Baker		"	0.5	—	—	100	sprout				
6	Bare		"	—	—	—	—	—				
8	Bare Sewan		"	20	102	36	0	old dead clump				
7	Bare			—	—	—	—	—				
9	Bare			—	—	—	—	—				
10	Bare			—	—	—	—	—				
11	Bare			—	—	—	—	—				
12	Bare			—	—	—	—	—				
13	Bare			—	—	—	—	—				
14	Bare			—	—	—	—	—				
15	Bare			—	—	—	—	—				
16	Bare			—	—	—	—	—				
17	Bare			—	—	—	—	—				
18	Bare			—	—	—	—	—				
19	Bare			—	—	—	—	—				
20	Sewan		"	35	68	30	15	Howered drying				
21	Bare			—	—	—	+	—				
22	Bare			—	—	—	—	—				
23	Bare			—	—	—	—	—				
24	Sinandi			0.5	—	—	60	sprouting dry				
25	Bare			—	—	—	—	[illegible]				
26	Sewan		Sand on magra.	35	2.1 m	65	15	—				
27	Bare			—	—	—	—	—				
28	Bare			—	—	—	—	—				
29	Bare			—	—	—	—	—				
30	Bare.			—	—	—	—	—				

Location SAM Date 8/8/91 Tramact Point (5) ∠0 of Tramact 25° ∠0 of veg sample 295°

Encl. 'A'

Point	Reading	Botanic name	Substrate	height	Girth at Base/ Spread of runner circum	dia	% live growth	Phenology	Grazing 0,1,2		
1	Bare		Magra	–	–	–	–	–			
2	Bare			–	–	–	–	–			
3	Bare			–	–	–	–	–			
4	Behar			0.5	–	–	75	Sprout			
5	Bare			–	–	–	–	–			
6	exposed root			–	–	–	~~100~~ –	~~Sprouting~~			
7	Behar			<0.5	–	–	100	Sprouting			
8	exposed root			–	–	–	–	–			
9	Bare			–	–	–	–	–			
10	"			–	–	–	–	–			
11	"			–	–	–	–	–			
12	"			–	–	–	–	–			
13	"			–	–	–	–	–			
14	"			–	–	–	–	–			
15	Baker			<0.5	–	–	100	Sprouting			
16	Sewan		Surf on Magra	20	1.45 m	32	20	flowered drying			
17	Behar		Magra	–	–	–	–	–			
18	Bare		Magra	–	–	–	–	–			
19	Bare		Magra	–	–	–	–	–			
20	Gautia/Nanto		"	–	(15×10)	–	20	Sprout drying			
21	Bare		Magra	–	–	–	–	–			
22	Sewan		Magra	10	43	15	40	vegetative	2		
23	Bare		Magra	–	–	–	–	–			
24	Bare		Magra	–	–	–	–	–			
25	Bare		Magra	–	–	–	–	–			
26	Bare		Magra	–	–	–	–	–			
27	Bare		Magra	–	–	–	–	–			
28	Bare		"	–	–	–	–	–			
29	Bare		"	–	–	–	–	–			
30	Bare.		"	–	–	–	–	–			

Location SAM encl. 'A' DATE 9/8/91 TRANSACT POINT 6 ∠° of TRANSACT 25 ∠° of veg Sample 115°

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH AT BASE SPREAD CIRCUM	DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0 1 2	
1	lava		Boothad. ~~Sandy~~ undulate	8	36	15	0	Dead Plant.		
2	Sewan		11	2	–	–	0	new sprout dead		
3	Sewan		11	22	1.05m	23	5	vegetative.	?	
4	Bare		11	–	–	–	–	–		
5	Bare		11	50	4.1m	190	0	Big dead plant.		1-2 small sewan clumps
6 3 7	Sewan		11	–	–	–	–	–		
8	Bare		11	–	–	–	–	–		
9	Sewan		11	7	–	–	70	new sprout.		
10	Bare		11	–	–	–	–	–		
11	Bare		11	–	–	–	–	–		
12	Bare		11	–	–	–	–	–		
13	Sewan		11	2	–	–	70	new sprout		
14	Behar		11	1	–	–	100	11		
15	Bare		11	–	–	–	–	~~new sprout~~		
16	Baher		11	1	–	–	100	new sprout		
17	kanti		11	2	–	–	100	11		
18	Sewan		11	4	–	–	20	11		
19	Behar		11	1	–	–	100	11		
20	Bare		11	–	–	–	–	–		
21	Bare		11	–	–	–	–	–		
22	Bare		11	–	–	–	–	–		
23	Bare		11	–	–	–	–	–		
24	Cattledung		11	–	–	–	–	–		
25	Bare		11	–	–	–	–	–		
26	Sirandi		11	1.5	–	5x5	85	vegetative		
27	kanti		11	4	–	–	95	vegetative.		
28	Sewan		11	26	1.2m	35 ~~42~~	0	Dead		
29	lava		11	30	2m	240	~~40~~ 0	Dead		
30	Sewan		11	14	1.7m	150	0	Dead.		

Location DATE 9/8/91 TRANSACT POINT 6 L° of TRANSACT 25° L° of Veg Sample 275°

SAM-'A' encl.

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH AT BASE SPREAD CIRCUM	GIRTH AT BASE SPREAD DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0 1 2
1	Bare		~~Sandy/Gravelly~~ Boothad.	—	—	—	—	—	
2	Kanti		"	1.5	—	—	75	Sprouting/Creeping	
3	Gantia exposed rooks		"	0.1.5	—	—	—	—	
4	Cand dry		"	—	~~2.35~~		~~25~~	~~vegetative~~	
5	Iana			35	2.35	60	25	vegetative	
6	Bare			—	—	—	—	—	
7	Bare			—	—	—	—	—	
8	Sewan		"	1.5	—	—	25	Sprouting/dry	
9	Bare		"	—	—	—	—	—	
10	Goat/sheep		"	—	—	—	—	—	
11	Bare		"	—	—	—	—	—	
12	Sewan		"	2	—	—	10	Sprout dry/dry	
13	Exposed rooks of Gantia.		"	—	—	—	—	—	
14	exposed rooks of ~~[illegible]~~ Sewan		"	—	—	—	—	—	
15	Sewan		"	1.5	—	—	5	Sprout dry	
16	~~Se~~ Bare		"	—	—	—	—	—	
17	Sewan		"	4	—	—	0	dead sprout	
18	Bare		"	—	—	—	—	—	
19	Behar		"	2	—	—	90	Sprout	
20	Behar		"	1	—	—	"	"	
21	Bare		"	—	—	—	—	—	
22	Zharnia Ghas/Nardo		"	2	—	—	90	Sprout	
23	Sewan		"	1			0	Sprout	
24	Iana		"	19	1.2		0	dead bark	
25	Behar		"	1	—	—	90	Sprout	
26	Iana		"	20	2.9	—	0	dead	
27	Iana		"	35	1.0m	—	40	Vegetative	
28	Bare								
29	Cattle dry								
30	Cattle dry								

LOCATION SAM 'A' end DATE 9/8/91 TRANSACT POINT 7 ∠° of TRANSACT ~~105~~ 25° ∠° of veg. SAMPLE 115°

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH AT BASE CIRCUM	DIA	% live growth	PHENOLOGY	GRAZING 0,1,2		
1	Bare		~~Sandy/dunnet~~ Boothead	–	–	–	–	–			
2	Bare		"	–	–	–	–	–			
3	Bare		"	–	–	–	–	–			
4	Sewan		"	75	2m	–	2	dead	–		
5	Iana		"	10	40cm	–	0	dead			
6	Bare			–	–	–	–	–			
7	Sewan		"	3	–	–	5	sprout dry			
8	Cattle dry		"	–	–	–	–	–			
9	Bare		"	–	–	–	–	–			
10	Bare		"	–	–	–	–	–			
11	Bare		"	–	–	–	–	–			
12	Sewan		"	25	2.8	–	50	vegetative			
13	Bare			–	–	–	–	–			
14				–	–	–	–	–			
15				–	–	–	–	–			
16				–	–	–	–	–			
17				–	–	–	–	–			
18				–	–	–	–	–			
19	Bare			–	–	–	–	–			
20	Sewan		"	2	–	–	5	sprout drying			
21	Iana		"	65	2.9	–	15	vegetative.			
22	Bare		"	–	–	–	–	–			
23	Bare		"	–	–	–	~~20~~	~~sprout drying~~ –			
24	Sewan		"	4	–	–	20	sprouting drying			
25	Bare		"	–	–	–	–	–			
26	Bare		"	–	–	–	–	–			
27	Sewan		~~9~~ "	35	2.35	–	15	dead vegetative			
28	Sewan		"	2	–	–	0	dead sprout			
29	Cattle dry		"	–	–	–	–	–			
30	Iana		"	50	3.7m	–	25	new leaf			

295 Lo of Veg Sample 25° Lo of TRANSACT 7 TRANSACT POINT 9/8/91 DATE Location

SAM end. 'A'

		GRAZING 0 1 2	PHENOLOGY	% LIVE GROWTH	GIRTH AT BASE SPREAD DIA	CIRCUM	HEIGHT	SUBSTRATE	BOTANIC NAME	READING	POINT
			—	—	—	—	—	Boothead	~~Sandy/dunnat~~	Bare	1
			dead plant	22~~15~~		220	15		"	Sewan	2
			—	—	—	—	—		"	Bare	3
			—	—	—	—	—		"	Bare	4
			dead sprout	0	—	—	1		"	Sewan	5
			—	—	—	—	—			Bare	6
			—	—	—	—	—			Bare	7
			—	—	—	—	—			Bare	8
			—	40	—	137	22			Lana	9
			vegetative	30	—	100	15			Sewan	10
			vegetative	—	—	—	—			Bare	11
			—	—	—	—	—			Bare	12
			—	—	—	—	—			Bare	13
			—	—	—	—	—			Bare	14
			—	—	—	—	—			Bare	15
			—	—	—	—	—			Bare	16
			—	—	—	—	—			Canal dry	17
			—	—	—	—	—			Bare	18
			Sprout	80	—	—	2.5	~~Sand/dunnat~~	"	Kanti	19
			vegetative	~~65~~ 40	—	85	18	"		Sewan	20
			—	—	—	—	—			Bare	21
			—	—	—	—	—			"	22
			—	—	—	—	—			"	23
			—	—	—	—	—			"	24
			—	—	—	—	—			"	25
			Sprout	100	—	—	1	"		Behar	26
			—	—	—	—	—			exposed root of sewan	27
			—	—	—	—	—			Bare	28
			Dead	0		9.5	70	"		Lana	29
											30

LOCATION Sam 'A' encl. DATE 9/8/91 TRANSACT POINT 8 L° of TRANSACT 25° L° of Veg. SAMPLE 115°

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH AT BASE CIRCUM	GIRTH AT BASE DIA	% live growth	PHENOLOGY	GRAZING 0,1,2		
1	Bare		~~Sandy/dust~~ Boothal ~~tap~~	–	–		–	–			
2	Bare			–	–		–	–			
3	Bare			–	–		–	–			
4	exposed root of sewan			–	–		–	–			
5	Kanti		"	7	–	–	20	drying sprout			
6	Sewan		"	5	–	–	40	drying sprout			
7	Sewan		"	8	30	–	20	"			
8	Bare			–	–	–	–	–			
9	Bare			–	–	–	–	–			
10	Bare			–	–	–	–	–			
11	Bare			–	–	–	–	–			
12	Bare			–	–	–	–	–			
13	Sewan		"	2	–	–	5	drying sprout			
14	Bare		"	–	–	–	–	–			
15	exposed root of sewan		"	–	–	–	–	–			
16	Sewan		"	2	–	–	0	dead seedling			
17	"		"	"	"	"	"	"			
18	exposed roots		& "	–	–	–	–	–			
19	Sewan		"	2	–	–	0	dead seedling			
20	"		"	"	–	–	"	"			
21	Bare		"	–	–	–	–	–			
22	Sewan		"	2	–	–	0	dead seedling			
23	Bare			–	–	–	–	–			
24	Bare			–	–	–	–	–			
25	Kanti			5	–	–	50	dry seedling			
26	Bare			–	–	–	–	–			
27	Nando/Gautia			7		35	25	drying seedling			
28	Sewan			< 0.5	–	–	25	drying sprout			
29	exposed roots			–	–	–	–	–			
30	Sewan		"	18		1.8	30	dead on vegetative	2		

295 Location DATE 9/8/91 TRANSACT POINT 8 L° of TRANSACT 25° L° of Veg Sample

SAM 'A' encl.

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH AT BASE SPREAD CIRCUM	DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0 1 2
1	Bare		Boothead	–	–	–	–	–	
2	Bare			–	–	–	–	–	
3	Bare			–	–	–	–	–	
4	Bare			–	–	–	–	–	
5	Bare			–	–	–	–	~~vegetative~~ –	~~2~~
6	Sewan		~~Early/dead top~~	7	2.1 m		90	vegetative	2
7	Sewan		"	10	2 m		2	dead	
8	Sewan		"	2	–	–	0	dead sprout	
9	Exposed roots		"	–	~~3.3 m~~	–	–	–	
10	Bare		"	–	–	–	–	–	
11	Bare		"	–	–	–	–	–	
12	Sewan		"	30	3.3 m		<5%	dead with some new shoots	
13				–	–	–	–	–	
14	Bare			–	–	–	–	–	
15	Bare			–	–	–	–	–	
16	Bare			–	–	–	–	–	
17	Sewan			40	1.9 m		<5	Dead	
18	Bare			–	–	–	–	–	
19	Sewan			20	1.35 m		<5	Dead	
20	Bare			–	–	–	–	–	
21	exposed roots			–	–	–	–	–	
22	exposed roots			–	–	–	–	–	
23	Bare			–	–	–	–	–	
24	Sewan		"	30	1.1 m	–	<5	Dead	
25	Bare			50	1.55 m	–	<5	"	
26	Sewan			–	–	–	–	–	
27	Bare			–	–	–	–	–	
28	exposed roots			–	–	–	–	–	
29	Bare			–	–	–	–	–	
30	Sewan			20	2.6 m	–	80	vegetative	2

LOCATION SAM A' end DATE 9/8/91 LO OF TRANSACT 9 LO OF VEG SAMPLE 115°

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0, 1, 2
1	Bare		Boothal	-	-	-	-	-	
2	exposed roots			-	-	-	-	-	
3	Sewan			40	1·3m	-	10	Vegetative	0
4	Sewan			20	65cm	-	20	Vegetative	0
5	Sewan			30	1·45m	-	70	"	1
6	Behar			1	-	-	100	early sprout	
7	Bare			-	-	-	-	-	
8	Bare			-	-	-	-	-	
9	Sewan			25	1·5cm		<10	Vegetative	
10	Bare			-	-	-	-	-	
11	Bare			-	-	-	-	-	
12	Sewan			23	63cm		10	Vegetative	
13	Sewan			73	95cm		15	"	
14	Bare			-	-	-	-	-	
15	Bare		↓	-	-	-	-	-	
16	Behar		magra	1	-	-	100	Sprouty	
17	Bare		magra	-	-	-	-	-	
18	Bare		magra	-	-	-	-	-	
19	Sewan		magra	20	1·46	-	15	Vegetative	
20	Bare			-	-	-	-	-	
21	Bare			-	-	-	-	-	
22	Bare			-	-	-	-	-	
23	Bare			-	-	-	-	-	
24	Bare			-	-	-	-	-	
25	Gautia/rab		↓	5	-	-	80	grow Vegetative	
26	Bare		Sandy	-	-	-	-	-	
27	Baher		Sandy	005	-	-	0	dead sprout	
28	Bare		Sandy	-	-	-	-	-	
29	Bare		Sandy.	-	-	-	-	-	
30									

LOCATION SAM DATE 9/8/91 20° 9 TRANSACT 25° 20° OF VEG SAMPLE 295 (9)

Encl. 'A'

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	CIRCUM	DIA	TIVE GROWTH	PHENOLOGY	GRAZING 0, 1, 2
1	Bare		Boothad Sandy	–	–	–	–	–	
2	"		"	–	–	–	–	–	
3	"		"	–	–	–	–	–	
4	"		"	–	–	–	–	–	
5	"		"	–	–	–	–	–	
6	"		"	–	–	–	–	–	
7	"		"	–	–	–	–	–	
8	"		"	–	–	–	–	–	
9	Exposed roots		"	–	–	–	–	–	
10	Bare		"	–	–	–	–	–	
11	lump		"	17	–	–	90	flowering	
12	Bare		"	–	–	–	–	–	
13	Sewan		"	3	–	–	75	Sprating	
14	Sewan		"	9	–	–	50	dying sprat	
15	Bare		"	~~20~~	~~1.1m~~		~~<5~~	~~vegetative~~	
16	Sewan		"	20	1.1	–	<5	vegetative	
17	S~~B~~ewan		"	48	1.25	–	<5	vegetative	
18	Bare			–	–	–	–	–	
19	exposed roots			–	–	–	–	–	
20	Sewan			25	63cm		0	Dead.	
21	Bare			–	–	–	–	–	
22	Bare			–	–	–	–	–	
23	Bare			–	–	–	–	–	
24	Sewan			35	2.45		5	D. veg.	
25	Bare			–	–	–	–	–	
26	Bare			–	–	–	–	–	
27	Bare			–	–	–	–	–	
28	Bare			–	–	–	–	–	
29	Sewan			45	2.2		<2	–	
30	Sewan			40	1.8		<2	De. / veg.	
								pe / veg.	

LOCATION SAM end 'A' DATE 9/8/91 L° OF TRANSACT 25° L° OF VEG SAMPLE 115

(10)

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	GIRTH DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0, 1, 2
1	Bare		S. Sandy	–	–	–	–	–	
2	Kanti		Sandy	1	–	–	75	Seeding	
3	Chinkdry		"	–	–		–	–	
4	Behar		"	2	–	–	100	Seeding	
5	Bare		Sandy	–	–	–	–	–	
6	Bare		Sandy	–	–	–	–	–	
7	"		Sandy	–	–	–	–	–	
8	"		Magra	–	–	–	–	–	
9	"		"	–	–	–	–	–	
10	"		"	–	–	–	–	–	
11	"		"	–	–	–	–	–	
12	"		"	–	–	–	–	–	
13	"		"	–	–	–	–	–	
14	"		"	–	–	–	–	–	
15	Sewan		Magra.	24	1.1	–	0	–	
16	Bare		"	–	–	–	–	–	
17	"		"	–	–	–	–	–	
18	"		"	–	–	–	–	–	
19	Gantia/Nardo		"	11	–	–	50	Vegetative	
20	Baker		Sandy	1.5	–	–	100	Sprout	
21	"		"	"	–	–	"	"	
22	Bare		Magra	–	–	–	–	–	
23	Nardo		Rock.	10	–	–	25	Vegetative	
24	Bare		Magra	–	–	–	–	–	
25	Bare			–	–	–	–	–	
26				–	–	–	–	–	
27				–	–	–	–	–	
28				–	–	–	–	–	
29				–	–	–	–	–	
30				–	–	–	–	–	

LOCATION SAM end. 'A' DATE 9/8/91 LO OF TRANSACT 25° LO OF VEG SAMPLE 295

10

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0, 1, 2
1	Bare		Boothal Sandy	–	–	–	–	–	
2	11		11	–	–	–	–	–	
3	11		11	–	–	–	–	–	
4	11		11	–	–	–	–	–	
5	11		11	–	–	–	–	–	
6	Behar		11	2cm	–	–	100	Sprout	
7	Bare.			–	–	–	–	–	
8	Sewan.			20	2·70m		<2	dead	
9	Bare			–	–	–	–	–	
10	Bare			–	–	–	–	–	
11	Bare			–	–	–	–	–	
12	Sewan.			25	1·55		15	Leaves	
13	Behar			1	–		too	Sprout	
14	Bare			–	–	–	–	–	
15	Bare			–	–	–	–	–	
16	Sewan			2	–	–	0	Dead Sprout	
17	Bare			–	–	–	–	–	
18				–	–	–	–	–	
19				–	–	–	–	–	
20				–	–	–	–	–	
21				–	–	–	–	–	
22				–	–	–	–	–	
23	Kauti			5			75	Sprout.	
24	Sewan			24	3·4		<5%	dead	
25	Sewan			2	–	–	0	dead	
26	11			11	–	–	11	11	
27	Sewan			40	3·4	–	<2	Dead	
28	Bare			–	–	–	–	–	
29	Bare.			–	–	–	–	–	
30	Sewan			26	2·40		40	Young	1

(11) LOCATION SAMenel-A DATE 9/8/91 LO OF TRANSACT 25° LO OF VEG SAMPLE 115°

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	GIRTH DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0, 1, 2
1	Sewan		~~Sand~~ Boggy ground	3	–	–	0	dried seedling	
2	Bare			–	–	–	–	–	
3	Bare			–	–	–	–	–	
4	~~Bare~~ Cattledung			–	–	–	–	–	
5	Sewan		11	30	2		20	dry vegetation 1	
6	Bare			–	–	–	–	–	
7	Bare.			–	–	–	–	–	
8	Muvat		11	10	–	90	40 cm runner	growing.	
9	cattle dung			–	–	–	–	–	
10	Bare			–	–	–	–	–	
11	11			–	–	–	–	–	
12	11			–	–	–	–	–	
13	Bare			–	–	–	–	–	
14	sewan			7	–	–	30	drying seedling	
15	Bare			–	–	–	–	–	
16	Sewan			<2	–	–	0	dead seedling	
17	Bare			–	–	–	–	–	
18	Bare			–	–	–	–	–	
19	Muvat			20	2.55	–	1	dead clump one style green tuft	
20	Bare			–	–	–	–	–	
21	Bare			–	–	–	–	–	
22	Bekar			1	–	–	~~20~~ 10	drying seeding	
23	Bare			–	–	–	–	–	
24	Bare			–	–	–	–	–	
25	Sewan			30	42.5	–	<10	mostly dead clump 2-3 green tufts.	
26	Bare			–	–	–	–	–	
27	Bare			–	–	–	–	–	
28	Bare			–	–	–	–	–	
29	Bare			–	–	–	–	–	
30	Sewan			14	1.7		40	vegetative	

LOCATION SAM end. 4 (11) DATE 9/8/91 LO OF TRANSACT 75° LO OF VEG SAMPLE 795

OINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	GIRTH DIA	% LIVEGROWTH	PHENOLOGY	GRAZING 0, 1, 2
1	Bare		Boothal Sandy/dunes	–	–	–	–	–	
2	Bare			–	–				
3	~~Sewan~~ Bare			–	–	–	–	–	
4	Bare			–	–	–	–	–	
5	Bare			–	–	–	–	–	
6	Bare			–	–				
7	Camel dung			–	–				
8	Bare			–	–	–	–	–	
9	Sewan.			35	~~3.4~~ 3.7	–	25	Vegetative	2
10	Bare			–	–	–	–	–	
11	Kanti			3	–	–	70	11	
12	Bare			–	–	–	–	–	
13	Bare			–	–	–	–	–	
14	11			–	–	–	–	–	
15	11			–	–	–	–	–	
16	11			–	–	–	–	–	
17	11			–	–	–	–	–	
18	11			–	–	–	–	–	
19	Sewan.			43	4.2m	–	15	Vegetative	
20	Booi			25	–	13	60	Vegetative	
21	Bare			–	–	–	–	–	
22	Bare			–	–	–	–	–	
23	Bare			–	–	–	–	–	
24	Bare			–	–	–	–	–	
25	Sewan			1	–	–	0	dry seedly	
26	11			11	–	–	11	11	
27	Bare			–	–	–	–	–	
28	Bare			–	–	–	–	–	
29	Sewan			1	–	–	0	dry seedly	
30	Sewan			11	–	–	11	dry seedly	

(12) LOCATION SAM Encl. -A' DATE 9/8/91 LO OF TRANSACT 25° LO OF VEG SAMPLE 115°

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	GIRTH DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0, 1, 2		
1	Sewan		Boothal Sandy/dust	1	–	–	0	dead seedling			
2	Bare		"	–	–	–	–	–			
3	Sewan		"	4	–	–	60	dying seedling			
4	Sewan		"	25	3.05	–	210	vegetative			
5	Bare			–	–	–	–	–			
6	Bare			–	–	–	–	–			
7	Sewan.			25	2.6		20	vegetative	1		
8	Sewan			3	–	–	30	dying seedling	–		
9	(Bagra) – 15cm away	lump		3 5 (dead)	–	–	90	Seedling			am = lump. Bagra 1st record.
10	Sewan			2	–	–	90	"	–		
11	Sewan			1	–	–	0	dead seedling			
12	Sewan			30	3.05		25	dry clump			
13	Bare			–	–	–	–	–			
14	Sewan			<1	–	–	0	dead seedling			
15	Sewan			23	2.55	–	10	vegetative			
16	Sewan			<3	–	–	0	dry seedling			
17	Sewan			3	–	–	70	seedling			
18	Sewan			35	2.0	–	15	vegetative			
19	Baker			1	–	–	90	seedling			
20	Bare			–	–	–	–	–			
21	Sewan			2	–	–	20	dying seedling			
22	Bare			–	–	–	–	–			
23	Bare			–	–	–	–	–			
24	Sewan			2	–	–	35	dry seedling			
25	Sewan			3	–	–	"	"			
26	~~Bare~~ exposed roots			–	–	–	–	–			
27	Kanti			1	–	–	10	dry in seedling			
28	Sewan			20	1.3		10	vegetative			
29	Bare			~~20~~ –	–	–	–	–			
30	Baker			2	–	–	90	seedling			

12 LOCATION SAM ENCL. 'A' DATE 9/8/91 ∠° OF TRANSACT 25° ∠° OF VEG SAMPLE 295°

UNIT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	DIA	% LIVE CROWN	PHENOLOGY	GRAZING 0, 1, 2
1	Bare	Sandy/dunes	Boothat Sandy/dunes	–	–	–	–	–	
2	exposed rock			–	–	–	–	–	
3	Bare			–	–	–	–	–	
4	Bare			–	–	–	–	–	
5	Bare			–	–	–	–	–	
6	Bare			–	–	–	–	–	
7	Sewan	"	"	1	–	–	0	dry seedly	
8	Bare			–	–	–	–	–	
9	"			–	–	–	–	–	
10	"			–	–	–	–	–	
11	Bare			–	–	–	–	–	
12	Sewan		"	1	–	–	15	drying seedly	
13	Bare			–	–	–	–	–	
14	"			–	–	–	–	–	
15	"			–	–	–	–	–	
16	Bare.			–	–	–	–	–	
17	Baler		"	0.5	–	–	80	~~dry~~ seedly	
18	Baler		"	1	–	–	100	Seedly	
19	Bare			–	–	–	–	–	
20	Bare			–	–	–	–	–	
21	Bare			–	–	–	–	–	
22	Bare			–	–	–	–	–	
23	Sewan			30	1.3	–	30	Vegetative	1
24	Bare			–	–	–	–	–	
25	Sewan			25	1.3		20	"	
26	Bare			–	–	–	–	–	
27	Baler			3	–	–	100	seedly	
28	Bare			–	–	–	–	–	
29	Bare			–	–	–	–	–	
30	Bare.			–	–	–	–	–	

LOCATION SAM Encl. 'A' DATE 9/8/91 LO OF TRANSACT 25° LO OF SAMPLING. 115°

(13)

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0 1 2		
1	Sewan		Boothead Sandy/clay	1	-	-	0	dry seedy			
2	11		11	11	-	-	11	11			
3	Bare		11	-	-	-	-	-			
4	↓		11	-	-	-	-	-			
5			11	-	-	-	-	-			
6			11	-	-	-	-	-			
7			11	-	-	-	-	-			
8	Sewan		11	1	-	-	0	dry seedy			
9	Bare		11	-	-	-	-	-			
10	Sewan		11	1	-	-	0	dry seedy			
11	Bare		11	-	-	-	-	-			
12	Sewan		11	1	-	-	0	dry seedy			
13	Bare		11	-	-	-	-	-			
14	Sewan/Baher		11	1	-	-	20	Seedly			
15	Bare		11	-	-	-	-	-			
16	Sewan		11	1	-	-	0	dry seedy			
17	Sewan		11	1	-	-	0	dry seedy			
18	11		11	11	-	-	11	11			
19	Bare		11	-	-	-	-	-			
20	11		11	-	-	-	-	-			
21	11		11	-	-	-	-	-			
22	11		11	-	-	-	-	-			
23	Sewan		11	3	-	-	<5	dry seedy			
24	Sewan		11	10	2.55	-	<5	mostly dead.			
25	Mamli		11	2	-	-	90	Seedly			mamli = runner
26	exposed soil		11	-	-	-	-	-			
27	Bare		11	-	-	-	-	-			
28	Bare		11	-	-	-	-	-			
29	Baher		Thalar	1	-	-	100	seedly			
30	Bare		Thalar	-	-	-	-	-			

LOCATION (13) SAH Encl. DATE 9/8/94 TRANSACT POINT (13) L° of TRANSACT 25° L° of Veg. SAMPLE 295

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH AT BASE CIRCUM	GIRTH AT BASE DIA	% live growth	PHENOLOGY	GRAZING 0,1,2
1	Sewan		BOONTHAAD Sandy loam	<1	—	—	0	dm seedlg	
2	Bare			—	—	—	—	—	
3	Bare			—	—	—	—	—	
4	Bare			—	—	—	—	—	
5	Bare			—	—	—	—	—	
6	Bare			—	—	—	—	—	
7	Sewan			1	—	—	<5	dm seedlg	
8	Sewan			1	—	—	0	"	
9	Sewan			1	—	—	0	"	
10	Sewan			30	90	—	—	—	
11	Bare			—	—	—	—	—	
12	Sewan			<1	—	—	0	dead seedlg	
13	Bare			—	—	—	—	—	
14	Sewan			20	2.0	—	<5	dead clump	
15	Sewan			30	1.5	—	"	"	
16	Sewan			30	0.75	—	"	"	
17	Bare			—	—	—	—	—	
18	Bare			—	—	—	—	—	
19	Sewan.			24	2.0		10	mostly dy	1
20	Bare			—	—	—	—	—	
21	Sewan			1	—	—	0	dry seedlg	
22	Sewan			35	3.25	—	0	dead clump	
23	Bare			—	—	—	—	—	
24	Sewan			1	—	—	65	seedlg	
25	Bare			—	—	—	—	—	
26	Bare			—	—	—	—	—	
27	Bare			—	—	—	—	—	
28	Bare			—	—	—	—	—	
29	Bare			—	—	—	—	—	
30	Sewan.			40	2.0	—	10	vegetation.	

(14) LOCATION SAM end. 'A' DATE 9/8/91 L° OF TRANSACT 25° L° OF VEG SAMPLE 115

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	GIRTH DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0 12		
1	Baher		Boonthaad Sandy	1	–	–	80	Seedly			
2	Kanti		"	3	–	–	75	"			
3	Bare			–	–	–	–	–			
4	"			–	–	–	–	–			
5	"			–	–	–	–	–			
6	"			–	–	–	–	–			
7	"			–	–	–	–	–			
8	"			–	–	–	–	–			
9	"			–	–	–	–	–			
10	"			–	–	–	–	–			
11	"			–	–	–	–	–			
12	"			–	–	–	–	–			
13	"			–	–	–	–	–			
14	Sewan		"	2	–	–	0	dry seedly			
15	Bare			–	–	–	–	–			
16				–	–	–	–	–			
17				–	–	–	–	–			
18				–	–	–	–	–			
19	Bare			–	–	–	–	–			
20	Sewan		Thalar	2	–	–	10	orgin seedly			
21	Bare			–	–	–	–	–			
22				–	–	–	–	–			
23				–	–	–	–	–			
24				–	–	–	–	–			
25	Baher		Thalar	1	–	–	90	Seedly			
26	Bare			–	–	–	–	–			
27	Bare			–	–	–	–	–			
28	"			–	–	–	–	–			
29	"			–	–	–	–	–			
30	"			–	–	–	–	–			

LOCATION SAM 'A' DATE 9/8/91 Lº OF TRANSACT 25º Lº OF SAMPLING. 295º

(14)

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	GIRTH DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0 1 2		
1	Bare		Thalar	–	–	–	–	–			
2	〃		〃	–	–	–	–	–			
3	〃		〃	–	–	–	–	–			
4	Sewan		Thalar	1	–	–	40	seedly			
5	Bare		Sandy	–	–	–	–	–			
6	Bare		〃	–	–	–	–	–			
7	Bare			–	–	–	–	–			
8	Sewan		〃	1	–	–	30	Seedly			
9	Sewan		〃	1	–	–	60	〃			
10	Mamuli		〃	2	–	–	100	〃			
11			〃	–	–	–	–	–			
12			〃	–	–	–	–	–			
13			〃	–	–	–	–	–			
14			〃	–	–	–	–	–			
15			〃	–	–	–	–	–			
16			〃	–	–	–	–	–			
17	Baker		Thalar	0·5	–	–	90	seedly			
18	Bare.		〃	–	–	–	–	–			
19	sewan.		Thalar.	25	68	–	210	Seedly	1		
20											
21	Bare		Thalar.	–	–	–	–	–			
22	〃		〃	–	–	–	–	–			
23	〃		〃	–	–	–	–	–			
24	〃		〃	–	–	–	–	–			
25	〃		〃	–	–	–	–	–			
26	〃		〃	–	–	–	–	–			
27	〃		〃	–	–	–	–	–			
28	Baker		〃	1	–	–	90	seedly			
29	Baker		〃	1	–	–	80	seedly.			
30	Cuttledy		〃								

(1) LOCATION Outside POINT 1 Sam end. 2° OF T 125 2° of V. sample. 35

10/8/91

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT (cm)	GIRTH (M)	SPREAD (cm)	% Green	Phenology	GRAZING	other sp. Seen
1	Goat/sheep		Thalar fallow field	–	–	–	–	–	–	Kanti
2	Goat/sheep		"	–	–	–	–	–	–	Sewan
3	Goat/sheep		"	–	–	–	–	–	–	phel
4	Goat/sheep		"	–	–	–	–	–	–	
5	Bare		"	–	–	–	–	–	–	
6	Cattle		"	–	–	–	–	–	–	
7	Bare		"	–	–	–	–	–	–	
8	Goat.		"	–	–	–	–	–	–	
9	exposed root		"	–	–	–	–	–	–	
10	Sheep/Goat		"	–	–	–	–	–	–	
11	Sheep/Goat		"	–	–	–	–	–	–	
12	Sheep/Goat		"	–	–	–	–	–	–	
13	Sheep/Goat		"	–	–	–	–	–	–	
14	"		"	–	–	–	–	–	–	
15	Gantia/Mario ~~Kanti~~		Thallar fallow field	15	–	40	35	vegetative	0	
16	Sheep/goat		"	–	–	–	–	–	–	
17	Bare.		"	–	–	–	–	–	–	
18	Bare		"	–	–	–	–	–	–	
19	Sheep/goat		"	–	–	–	–	–	–	
20	Bare		"	–	–	–	–	–	–	
21	Bare		"	–	–	–	–	–	–	
22	Bare		"	–	–	–	–	–	–	
23	Sheep/goat		"	–	–	–	–	–	–	
24	Bare		"	–	–	–	–	–	–	
25	Sheep/goat		"	–	–	–	–	–	–	
26	Bare		"	–	–	–	–	–	–	
27	Bare		"	–	–	–	–	–	–	
28	Sheep/goat		"	–	–	–	–	–	–	
29	Bare.		"	–	–	–	–	–	–	
30	Sheep/goat		"	–	–	–	–	–	–	
				–	–	–	–	–	–	

LOCATION outside POINT (1) DATE 10/8/91 20 125 LOOH U.S. 215
sam end.

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Greed	Phenology	GRAZING
1	Bare		Thalar fallow field	–	–	–	–	–	–
2	Sheep/goat			–	–	–	–	–	–
3	11			–	–	–	–	–	–
4	11			–	–	–	–	–	–
5	11			–	–	–	–	–	–
6	11			–	–	–	–	–	–
7	Kanti			1	–	5	85	seedly	0
8	Sheep /goat			–	–	–	–	–	–
9	11			–	–	–	–	–	–
10	Bare			–	–	–	–	–	–
11	11			–	–	–	–	–	–
12	Sheep/goat			–	–	–	–	–	–
13	Bare			–	–	–	–	–	–
14	Kantia/Malo			2.5	–	–	80	seedly	0
15	Bare			–	–	–	–	–	–
16	Sheep/goat			–	–	–	–	–	–
17	11			–	–	–	–	–	–
18	11			–	–	–	–	–	–
19	11			–	–	–	–	–	–
20	11			–	–	–	–	–	–
21	11			–	–	–	–	–	–
22	11			–	–	–	–	–	–
23	Bare			–	–	–	–	–	–
24	11			–	–	–	–	–	–
25	sewan			1	–	–	100	seedly	0
26	Sheep/goat			–	–	–	–	–	–
27	11			–	–	–	–	–	–
28	11			–	–	–	–	–	–
29	Bare			–	–	–	–	–	–
30	Bare			–	–	–	–	–	–

(2) LOCATION outside POINT sam L° OF T L° of V. sample. 35

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHenology	GRAZING
1	Bare		Thalar	–	–	–	–	–	–
2	Bare			–	–	–	–	–	–
3	Bare			–	–	–	–	–	–
4	lana			75	6.9m	–	65	vegetative	0
5	Bare			–	–	–	–	–	–
6	Bare			–	–	–	–	–	–
7	Bare			–	–	–	–	–	–
8	Bare			–	–	–	–	–	–
9	~~Sewan~~ Nardo/Gantia			1	–	–	40	seedy	0
10	Bare			–	–	–	–	–	–
11	Nardo/Gantia			3	–	–	30	seedy	0
12	Bare			–	–	–	–	–	–
13	Bare			–	–	–	–	–	–
14	Baker			1	–	–	100	seedy	0
15	Bare			–	–	–	–	–	–
16	"			–	–	–	–	–	–
17	"			–	–	–	–	–	–
18	"			–	–	–	–	–	–
19	Gantia/Nardo			5	–	30	<5	vegetative	0
20	Nardo/Gantia			5	–	20	<5	"	0
21	Nardo/Gantia			45	–	20	<5	"	0
22	Bare			–	–	–	–	–	–
23	Bare			–	–	–	–	–	–
24	Baker			1	–	–	100	vegetative	0
25	Nardo/Gantia			5	–	15	25	vegetative	0
26	Bare			–	–	–	–	–	–
27	Bare			–	–	–	–	–	–
28	Sewan			12	2.1	–	40	vegetative	2
29	Bare			–	–	–	–	–	–
30	Bare			–	–	–	–	–	–

LOCATION T. POINT L° of T L° of V. SAMPLE

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POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	CIRCUM	SPREAD DIA	% Green	PHENOLOGY	GRAZING
1	Bare		Thalar	–	–	–	–	–	
2	Bare			–	–	–	–	–	
3	exposed root			–	–	–	–	–	
4	Bare			–	–	–	–	–	
5	Bare			–	–	–	–	–	
6	Nando			5.5	–	–	10	Sprout	0
7	Damasa			7	–	–	0	dead seedly	0
8	Bare			–	–	–	–	–	–
9	Bare			–	–	–	–	–	–
10	Bare			–	–	–	–	–	–
11	~~Sewan~~ Nando/Gantia		Thalar	1	–	–	100	seedly	0
12	Bare			–	–	–	–	–	–
13	"			–	–	–	–	–	–
14	"			–	–	–	–	–	–
15	"			–	–	–	–	–	–
16	"			–	–	–	–	–	–
17	"			–	–	–	–	–	–
18	"			–	–	–	–	–	–
19	Nando/Gantia		Thalar	2	–	–	0	dead seedly	0
20	Bare			–	–	–	–	–	–
21	Bare			–	–	–	–	–	–
22	exposed rooty.			–	–	–	–	–	–
23	goat/sheep			–	–	–	–	–	–
24	cattle dn			–	–	–	–	–	–
25	Bare			–	–	–	–	–	–
26	Bare			–	–	–	–	–	–
27	Nando/gantia			3	1.0	70	<5	dry in sandy	0
28	Bare			–	–	–	–	–	–
29	Bare			–	–	–	–	–	–
30	sewan.			10	.50		<5	grazed clump	2

LOCATION Outside Sam encl. T. POINT 3 L°of T 125° L° of V. SAMPLE 35

(3) 10/8/91

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	CIRCUM	SPREAD DIA	%Green	PHENOLOGY	GRAZING
1	Gautra/Nut		sandy/dump. ~~Boathead~~	3	-	-	5	dry seedly	0
2	Bae			-	-	-	-	-	-
3	exposed soils			-	-	-	-	-	-
4	Bue.			-	-	-	-	-	-
5	Bare			-	-	-	-	-	-
6	~~Lava~~			55	6.6	-	50	Vegetation	0
7	Bare			-	-	-	-	-	-
8	Bare			-	-	-	-	-	-
9	Bae			-	-	-	-	-	-
10	Bae			-	-	-	-	-	-
11	Bae			-	-	-	-	-	-
12	Bare			-	-	-	-	-	-
13	Lava			32	6.5	-	30	Vegetation	0
14	-			-	-	-	-	-	-
15	lava.			-	-	-	-	-	-
16	Bare			-	-	-	-	-	-
17	11			-	-	-	-	-	-
18	11			-	-	-	-	-	-
19	11			-	-	-	-	-	-
20	11			-	-	-	-	-	-
21	11			-	-	-	-	-	-
22	11			-	-	-	-	-	-
23	11			-	-	-	-	-	-
24	Goat/sheep			-	-	-	-	-	-
25	Sewan			10	0.50	-	60	Grass	2
26	Bare			-	-	-	-	-	-
27	Bare			-	-	-	-	-	-
28	Bare			-	-	-	-	-	-
29	Bare			-	-	-	-	-	-
30	Sewan			2	-	-	70	Seedly	0

(3) LOCATION outside Sam encl. POINT 3 L° of T 125 L° of V. sample 215

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% GREEN	PHENOLOGY	GRAZING	
1	Bare		sand/dual	–	–	–	–	–	–	
2	Mandolgatia		sandy/dual ~~Boathand~~	5	–	–	0	dead seedy	0	
3	Bare			–	–	–	–	–	–	
4	Bare			–	–	–	–	–	–	
5	Sheep			–	–	–	–	–	–	
6	Sheep			–	–	–	–	–	–	
7	Bare			–	–	–	–	–	–	
8	Bare			–	–	–	–	–	–	
9	"			–	–	–	–	–	–	
10	"			–	–	–	–	–	–	
11	"			–	–	–	–	–	–	
12	"			–	–	–	–	–	–	
13	"			–	–	–	–	–	–	
14	Sewan			30	.80	–	40	vegetative	2	cut for fodder [illegible] new sprouts grazed.
15	Camel			–	–	–	–	–	–	
16	Bare			–	–	–	–	–	–	
17	Bare			–	–	–	–	–	–	
18	Bare			–	–	–	–	–	–	
19	Sewan			10	1	–	30	vegetative	2	
20	Bare			–	–	–	–	–	–	
21	Bare			–	–	–	–	–	–	
22	Sewan			15	1	–	25	vegetative	1	
23	Bare			–	–	–	–	–	–	
24	Bare			–	–	–	–	–	–	
25	Bare			–	–	–	–	–	–	
26	Sewan			15	1	–	50	growing	2	
27	Bare			–	–	–	–	–	–	
28	Bare			–	–	–	–	–	–	
29	Bare			–	–	–	–	–	–	
30	Mando			3		55	30	growing	0	

(4) LOCATION T. POINT 4 ∠° of T 125° ∠° of V. SAMPLE 35°

outside sam encl. 10/8/91.

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	CIRCUM	SPREAD DIA	% Green	PHENOLOGY	GRAZING	
1	Bare		Sandy/dunal	∠0.5	–	–	–	dead seedling	–	
2	Bare			–	–	–	–	–	–	
3	Nanolgatia			∠0.5	–	–	0	dead seedling	0	
4	Bare			–	–	–	–	–	–	
5	"			–	–	–	–	–	–	
6	"			–	–	–	–	–	–	
7	"			–	–	–	–	–	–	
8	"			–	–	–	–	–	–	
9	"			–	–	–	–	–	–	
10	"			–	–	–	–	–	–	
11	"			–	–	–	–	–	–	
12	Nanolgatia		Sandy/dunal	∠0.5	–	–	0	dead seedling	0	
13	Nanolgatia		"	1	–	–	40	Seedling	0	
14	Bare			–	–	–	–	–	–	
15	lana		"	25	2.55	–	15	Vegetative	0	
16	Bare			–	–	–	–	–	–	
17	+1			–	–	–	–	–	–	
18	sewan			4	0.55	–	70	Lactate	1	
19	Bare			–	–	–	–	–	–	
20	"			–	–	–	–	–	–	
21	"			–	–	–	–	–	–	
22	"			–	–	–	–	–	–	
23	"			–	–	–	–	–	–	
24	lana		"	25	90	–	25	drying	0	Bhoorat - grass
25	Bare			–	–	–	–	–	–	
26	Bare			–	–	–	–	–	–	
27	Sleep/gat			–	–	–	–	–	–	
28	"			–	–	–	–	–	–	
29	exposed rock			–	–	–	–	–	–	
30	Nanolgatia		"	5	–	–	0	dead seedling	0	

LOCATION (4) outside sam end. POINT (4) ∠° OF T 125° ∠° of V. sample. 215

10/8/91

NT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	Phenology	GRAZING	
1	Bare.		Sandy	–	–	–	–	–	–	
2	exposed roots		–	–	–	–	–	–	–	
3	Bare		–	–	–	–	–	–	–	
4	lump		Boothoot	5	–	–	0	flowered dry.	0	
5	sheep/goat.		–	–	–	–	–	–	–	
6	Mardo/gatta		"	2	–	–	20	growing	0	
7	Bare			–	–	–	–	–	–	
8				–	–	–	–	–	–	
9				–	–	–	–	–	–	
10				–	–	–	–	–	–	
11				–	–	–	–	–	–	
12				–	–	–	–	–	–	
13	Bare.			–	–	–	–	–	–	
14	lana.			55	3.55	–	60	vegetative	–	
15	Bare.			–	–	–	–	–	–	
16	Bare			–	–	–	–	–	–	
17	Bare			–	–	–	–	–	–	
18	lana.		Thalar.	20	2.3	–	50	–	–	
19	Bare.		"	–	–	–	–	–	–	
20	Mardo.		"	5		25	70	growing	–	
21	Bare		"	–	–	–	–	–	–	
22	Baler		"	0.5	–	–	80	Seedling	0	
23	Baher		"	7	–	–	100	flowering.	0	small rai flower.
24	lana.		"	20	–	1.5	20	vegetative	0	
25	Bare.			–	–	–	–	–	–	
26	Sewan.			15	1.9	–	10	flowering.	2	
27	Bare			–	–	–	–	–	–	
28	"			–	–	–	–	–	–	
29	"			–	–	–	–	–	–	
30	"			–	–	–	–	–	–	

(5) LOCATION outside sam enci POINT 5 ∠° OF T 125° ∠° of V. sample. 35°

10/8/91.

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	Bare.		thalar.	–	–	–	–	–	–
2	Bare.		Thalar	–	–	–	–	–	–
3	Bare		Thalar	–	–	–	–	–	–
4	Gantia / Nardo		"	3	–	–	<10	drying seedling	0
5	Gantia / nardo		"	4	–	–	"	"	0
6	Sheep.		"	–	–	–	–	–	–
7	Bare.		"	–	–	–	–	–	–
8	lana.		"	85	6.9	–	80	vegetative	0
9	Bare		"	–	–	–	–	–	–
10	sewan		"	9	1.5	–	10	vegetative	–
11	Bare		"	–	–	–	–	–	–
12	Bare		"	–	–	–	–	–	–
13	Bare		"	–	–	–	–	–	–
14	exposed roots		"	–	–	–	–	–	–
15	Bare.		"	–	–	–	–	–	–
16	Nardo/gantia		"	5	–	–	15	drying sprout.	0
17	Nardo		"	10	–	–	<10	"	0
18	Bare.		"	–	–	–	–	–	–
19	Bare.		"	~~5~~	–	–	~~5~~	~~#~~	–
20	Nardo.		"	~~10~~ 5	–	–	5	drying " sprout	~~5~~ 0
21	Sewan		"	10	0.7	–	15	–	1
22	Bare.		"	–	–	–	–	–	–
23	Bare.		"	–	–	–	–	–	–
24	Nardo/gantia		"	5	~~5~~ –	–	5	drying seedling	0
25	Bare.		"	–	–	–	–	–	–
26	Bare		"	–	–	–	–	–	–
27	exposed root		"	–	–	–	–	–	–
28	Gantia Nardo		"	3	–	–	20	drying plant.	0
29	exposed root		"	–	–	–	–	–	–
30	Bare.		"	–	–	–	–	–	–
			"	–	–	–	–	–	–

(5) LOCATION T. POINT 5 ∠ OF T. 125° ∠ OF 4. SAMPLE 215°

Outside Sam enel. 10/8/91

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	CIRCUM	SPREAD DIA	% GROUND	PHENOLOGY	GRAZING
1	Gartia		Thalar. ~~Magna~~	3	–	–	20	on Sprout.	0
2	Bare			–	–	–	–	–	–
3	"			–	–	–	–	–	–
4	"			–	–	–	–	–	–
5	"			–	–	–	–	–	–
6	"			–	–	–	–	–	–
7	"			–	–	–	–	–	–
8	"			–	–	–	–	–	–
9	"			–	–	–	–	–	–
10	"			–	–	–	–	–	–
11	"			–	–	–	–	–	–
12	"			–	–	–	–	–	–
13	"			–	–	–	–	–	–
14	"			–	–	–	–	–	–
15	"			–	–	–	–	–	–
16	exposed root.			–	–	–	–	–	–
17	Bare.			–	–	–	–	–	–
18	Bare			–	–	–	–	–	–
19	Bare.			–	–	–	–	seedling	–
20	Gartia.		Thalar.	1.	–	–	5	seedlm	0
21	"		"	"	–	–	"	"	0
22	"		"	"	–	–	"	"	0
23	Bare.		"	–	–	–		–	–
24	exposed root.		"	–	–	–		–	–
25	"		"	–	–	–		–	–
26	"		"	–	–	–		–	–
27	Halo / gartia		"	6	–	–	10	seedlm.	0
28	~~Bare~~ Sheep dropping		"	–	–	–	–	–	–
29	exposed root		"	–	–	–	–	–	–
30	Gartia / Halo		"	1	–	–	10	seedlm.	0

(6) LOCATION outside sam end. POINT 6 ∠° of T. 125° ∠° of V. sample. 35° DATE 10/8/91

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	Bare		Thalar	–	–	–	–	–	–
2	〃		〃	–	–	–	–	–	–
3	〃		〃	–	–	–	–	–	–
4	〃		〃	–	–	–	–	–	–
5	Mardolgadia		Thalar	3	–	–	0	dead seedly	0
6	Bare		〃	–	–	–	–	–	–
7	Mardolgadia		〃	2	–	–	0	deadseedly	0
8	exposed root		〃	–	–	–	–	–	–
9	Sheep dropp		〃	–	–	–	–	–	–
10	Base		〃	–	–	–	–	–	–
11	Baher.		〃	<1	–	–	100	Seedly	0
12	Bare.		Thalar	–	–	–	–	–	–
13	Exposed root		〃	–	–	–	–	–	–
14	Mardolgadia		〃	<1	–	–	0	deadseedly	0
15	Bare.		〃	–	–	–	–	–	–
16	Bare.		〃	–	–	–	–	–	–
17	〃		〃	–	–	–	–	–	–
18	〃		〃	–	–	–	–	–	–
19	〃		〃	–	–	–	–	–	–
20	〃		〃	–	–	–	–	–	–
21	〃		〃	–	–	–	–	–	–
22	〃		〃	–	–	–	–	–	–
23	Sheep droppy		〃	–	–	–	–	–	–
24	Mardolgadia		〃	3	–	–	0	deadseedly	0
25	Bare		〃	–	–	–	–	–	–
26	〃		〃	–	–	–	–	–	–
27	〃		〃	–	–	–	–	–	–
28	〃		〃	–	–	–	–	–	–
29	〃		〃	–	–	–	–	–	–
30	Sewan		〃	13	1.5	–	5	Mostly dry.	1

LOCATION outside saw end POINT 6 125° 215° 10/8/91

POINT	READING	BOTANICAL NAME	QUALITATIVE	HEIGHT	LENGTH	SPREAD	% GREEN	PHENOLOGY	READING	REMARKS
1	Bare		Thalav	–	–	–	–	–	–	
2	〃		〃	–	–	–	–	–	–	
3	〃		〃	–	–	–	–	–	–	
4	〃		〃	–	–	–	–	–	–	
5	Hardolaynka		〃	2	–	–	15	dry on seedly	0	
6	Kauti		〃	1.5	–	–	20	Seedly	0	
7	exposed root			–	–	–	–	–	–	
8	gautrag			–	–	–	–	–	–	
9	Bare.			7	–	–	25	seedly	0	
10	exposed root			–	–	–	–	–	–	
11	Bare			–	–	–	–	–	–	
12	Bare.			–	–	–	–	–	–	
13	Bare			–	–	–	–	–	–	
14	Bare			–	–	–	–	–	–	
15	Sewan			8	1.4	–	30	Vegetative	1	
16	exposed root			–	–	–	–	–	–	
17	Bare.			–	–	–	–	–	–	
18	Caved dug			–	–	–	–	–	–	
19	Gautia			6	–	–	0	dead seedly	0	
20	Bare			–	–	–	–	–	–	
21	Bare			–	–	–	–	–	–	
22	Bare			–	–	–	–	–	–	
23	Sewan.			18	1.44	–	10	vegetative	1	
24	Bare.			–	–	–	–	–	–	
25	Bare			–	–	–	–	–	–	
26	Gautia			5	–	–	0	dead seedly	0	
27	Sewan			14	1.2	–	10	grown	1	
28	Bare.			–	–	–	–	–	–	
29	exposed root			–	–	–	–	–	–	
30	exposed root.			–	–	–	–	–	–	

(7) LOCATION outside sam encl. POINT (7) L° of T. 125° L° of V. sample. 35 DATE 10/8/91

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	Bare		Sandy/dunes ~~Bottom~~	–	–	–	–	–	–
2	"		"	–	–	–	–	–	–
3	"		"	–	–	–	–	–	–
4	"		"	–	–	–	–	–	–
5	"		"	–	–	–	–	–	–
6	"		"	–	–	–	–	–	–
7	"		"	–	–	–	–	–	–
8	"		"	–	–	–	–	–	–
9	"		"	–	–	–	–	–	–
10	Gantia/Nalo		"	5	–	35	0	dead plant.	0
11	Bare		"	–	–	–	–	–	–
12	"		"	–	–	–	–	–	–
13	"		"	–	–	–	–	–	–
14	"		"	–	–	–	–	–	–
15	"		"	–	–	–	–	–	–
16	gantia/Nalo		"	1	–	45	0	dead plant.	0
17	Bare.		"	–	–	–	–	–	–
18	Sewan		"	10	2-55	–	<5	dry clump.	2
19	Bare		"	–	–	–	–	–	–
20	Bare		"	–	–	–	–	–	–
21	Gantia		"	6	–	–	0	dead seedly	0
22	~~Moorati~~ gantia.		"	2	–	–	0	"	0
23	Bare			–	–	–	–	–	–
24	Bare.			–	–	–	–	–	–
25	Sewan.			10	40	–	90	very clump	1
26	Bare.			–	–	–	–	–	–
27	Sewan.			40	2-15		50	flowery	1
28	Bare.			–	–	–	–	–	–
29	Gantia			7	–	–	0	dead seedly	0
30	"			8	–	–	0	dry seedly.	0

(8) LOCATION outside sam end. POINT (8) ∠° of T 125° ∠° of U. SAMPLE 215

10/8/91.

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% GREEN	PHENOLOGY	GRAZING
1	Bare.		Tibba	-	-	-	-	-	-
2	Bare.		Tibba.	-	-	-	-	-	-
3	~~Lana~~			30	1·9	-	20	varden	0
4	Lana			45	5·9.	-	20	Vayden	0
5	Bare.			-	-	-	-	-	-
6	"			-	-	-	-	-	-
7	"			-	-	-	-	-	-
8	"			-	-	-	-	-	-
9	"			-	-	-	-	-	-
10	lana. 3			40	10·9.		15	vayden	0
11									
12	Bare.			-	-	-	-	-	-
13	Bare			-	-	-	-	-	-
14	lana 3			25	~~4~~ 400 ~~40~~		10	"	0
15									
16	Bare			-	-	-	-	-	-
17	Bare			-	-	-	50	-	-
18	Lana.			30	2·70	-	~~40~~	"	0
19	lava			30	2·7	-	~~50~~	"	0
20	Bare			-	-	-	-	-	-
21	"			-	-	-	-	-	-
22	"			-	-	-	-	-	-
23	"			-	-	-	-	-	-
24	"			-	-	-	-	-	-
25	Gautia			2·5	-	-	0	dal sech	0
26	Bare			-	-	-	-	-	-
27	Bare.			-	-	-	-	-	-
28	Gautia			6	-	-	30	Sec:	0
29	Gautia			5	-	-	"	"	0
30	"			10	-	-	0	/	0

(8) LOCATION outside POINT (8) ∠° of T 125° ∠° of U. SAMPLE 35°
sam end. 10/8/81

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	LAMA		~~Boothout~~ Sandy/dust	60	6.0	—	60	[illegible]	0
2	Bare		"	—	—	—	—	—	—
3	Bare		"	—	—	—	—	—	—
4	Bare		"	—	—	—	—	—	—
5	Lana.		"	75	6.9	—	65	[illegible]	0
6	Sewan		"	8	0.8		10	flowered	0
7	Bare		"	—	—	—	—	—	—
8	"		"	—	—	—	—	—	—
9	"		"	—	—	—	—	—	—
10	"		"	—	—	—	—	—	—
11	"		"		—	—	—	—	—
12	~~Gantia~~ Mooyat		"	10	—	—	0	dead seedy	0
13	Gantia		"	2	—	—	0	"	0
14	"		"	4	—	—	"	"	0
15	Bare		"	—	—	—	—	—	—
16	"		"	—	—	—	—	—	—
17	Gantia		"	10	—	—	15	dry seed	0
18	Bare.		"	—	—	—	—	—	—
19	Sewan exposed roots.		"	—	—	—	—	—	—
20	Bare.		"	—	—	—	—	—	—
21	Gantia		"	8	—	—	0	dead seed	0
22	Bare.		"	—	—	—	—	—	—
23	Gantia		"	5	—	—	0	"	0
24	Bare		"	—	—	—	—	—	—
25	Gantia.		"	6	—	18	10	dry seed	0
26	Bare.		"	—	—	—	—	—	—
27	Bare		"	—	—	—	—	—	—
28	"		"	—	—	—	—	—	—
29	"		"	—	—	—	—	—	—
30	"		"	—	—	—	—	—	—

7 LOCATION outside sam end. POINT ~~8~~ (7) L° of T. 125° L° of V. sample. 215 DATE 10/8/91

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	IANA		Baothadd Sandy / dunal	80	10.20	–	25	vegetative	0
2	Iana (Bare)		"	90	9.75	–	30	"	0
3	Bare		"	–	–	–	–	–	–
4			"	–	–	–	–	–	–
5			"	–	–	–	–	–	–
6	Bare		"	–	–	–	–	–	–
7	Sewan.		"	25	7.25	–	50	vegetative	2
8	Bare			–	–	–	–	–	–
9	Bare			–	–	–	–	–	–
10	"			–	–	–	–	–	–
11	"			–	–	–	–	–	–
12	IANA			40	5.30	–	60	vegetative	0
13	Bare			–	–	–	–	–	–
14	Bare.			–	–	–	–	–	–
15	Gantia			1	–	–	0	Dead sapling	0
16	"			2	–	–	"	"	0
17	Bare			–	–	–	–	–	–
18	Bare			–	–	–	–	–	–
19	Bare.			–	–	–	–	–	–
20	Gantia			2	–	–	0	dead seedling	0
21	"			1	–	–	"	"	0
22	"			7	–	–	"	"	0
23	Bare.			–	–	–	–	–	–
24	Gantia			3	–	–	"	"	–
25	"			"	–	–	"	"	–
26	Gantia			"	–	–	15	dry "	0
27	Bare.			–	–	–	–	–	–
28	Bare			–	–	–	–	–	–
29	Gantia			12	–	–	15	dry sapling	0
30	Bare.			–	–	–	–	–	–

9 LOCATION outside sam encl. POINT 9 DATE 10/8/91 20° 135° 20° of U.S. 35° 35°

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	Phenology	GRAZING
1	Bare		Sandy	–	–	–	–	–	–
2	11		11	–	–	–	–	–	–
3	11		11	–	–	–	–	–	–
4	11		11	–	–	–	–	–	–
5	11		11	–	–	–	–	–	–
6	Bare.		11	–	–	–	–	–	–
7	Ghantiya		11	3	–	–	0	dead seedly	0
8	Bare			–	–	–	–	–	–
9	Bare			–	–	–	–	–	–
10	Ghantiya			3	–	–	0	11	0
11	Bare			–	–	–	–	–	–
12	Bare.			–	–	–	–	–	–
13	Ghantiya.			0·5	–	45	0	dead runner.	0
14	11			2	–	–	30	seedly	0
15	11			11	–	–	0	dead seedly	0
16	11			21	–	–	0	11	0
17	Bare.			–	–	–	–	–	–
18	Bare			–	–	–	–	–	–
19	11			–	–	–	–	–	–
20	11			–	–	–	–	–	–
21	11			–	–	–	–	–	–
22	LANTANA			40	5·5	–	75	vegetative	–
23									
24	Bare.			–	–	–	–	–	–
25	Bare.			–	–	–	–	–	–
26	Gantiya			2	7 –	–	30	dead	0
27									
28	exposed roots.			–	–	–	–	–	–
29	11			–	–	–	–	–	–
30	Ghantiya			11	–	–	0	dead seedly	0

LOCATION outside sam end. POINT (9) DATE 10/8/91 ∠° 125° ∠° of V.S. 215°

9

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	Bare.		sandy	–	–	–	–	–	–
2	Bare		"	–	–	–	–	–	–
3	"		"	–	–	–	–	–	–
4	"		"	–	–	–	–	–	–
5	"		"	–	–	–	–	–	–
6	Ghantiya		"	3	–	–	0	dead seedling	0
7	Bare.		"	–	–	–	–	–	–
8	"		"	–	–	–	–	–	–
9	"		"	–	–	–	–	–	–
10	Ghantiya		"	8	–	–	0	"	0
11	Bare.			–	–	–	–	–	–
12	"			–	–	–	–	–	–
13	"			–	–	–	–	–	–
14	Lana			50	3.0	–	80	vegetative	–
15	Bare.			–	–	–	–	–	–
16	Ghantiya			5	–	–	0	dry seedling	0
17	Bare.			~~2~~ –	–	–	–	–	–
18	Ghantiya			2	–	–	0	"	0
19	Bare.			–	–	–	–	–	–
20	Ghantiya			6	–	–	0	"	0
21	Bare.			–	–	–	–	–	–
22	"			–	–	–	–	–	–
23	"			–	–	–	–	–	–
24	"			–	–	–	–	–	–
25	"			–	–	–	–	–	–
26	exposed roots.			–	–	–	–	–	–
27	ghantiya.			9		11	50	Seedling	0
28	"			<0.5		20	0	dead seedling	0
29	"			"		"	"	"	0
30	"			"		"	"	"	0

~~10~~ (10) LOCATION Outside sam encl. POINT 10 DATE 10/8/91 ∠° 125° ∠° of V.S. 35°

IT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	Phenology	GRAZING
1	Bare.		sandy/dunal	–	–	–	–	–	–
2	"			–	–	–	–	–	–
3	"			–	–	–	–	–	–
4	"			–	–	–	–	–	–
5	"			–	–	–	–	–	–
6	"			–	–	–	–	–	–
7	"			–	–	–	–	–	–
8	"			–	–	–	–	–	–
9	"			–	–	–	–	–	–
10	"			–	–	–	–	–	–
11	Lana			45	6.9	–	60	–	0
12									
13	Bare.			–	–	–	–	–	–
14	"			–	–	–	–	–	–
15	"			–	–	–	–	–	–
16	"			–	–	–	–	–	–
17	"								
18				75	18.60	–	50	old bush.	0
19	LANA								
20									
21									
22	Bare			–	–	–	–	–	–
23	Bare			–	–	–	–	–	–
24	Bare			~~2.60~~	~~6.9~~	–	–	–	–
25	Lana.			60	6.9	–	50	–	–
26	Bare.			–	–	–	–	–	–
27	Bare			–	–	–	–	–	–
28	"			–	–	–	–	–	–
29	"			–	–	–	–	–	–
30	"			–	–	–	–	–	–

(19) LOCATION Outside sam end. POINT (10) DATE 10/8/91 ∠° 125° ∠° of V.S. 215

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	Bare.		Sandy/dunes	-	-	-	-	-	-
2	"		"	-	-	-	-	-	-
3	"		"	-	-	-	-	-	-
4	"		"	-	-	-	-	-	-
5	"		"	-	-	-	-	-	-
6	"		"	-	-	-	-	-	-
7	"		"	-	-	-	-	-	-
8	CAMA		"	60	35	-	10	vegetative	0
9	Bare.		"	-	-	-	-	-	-
10	"		"	-	-	-	-	-	-
11	"		"	-	-	-	-	-	-
12	"		"	-	-	-	-	-	-
13	"		"	-	-	-	-	-	-
14	"		"	-	-	-	-	-	-
15	"		"	-	-	-	-	-	-
16	"		"	-	-	-	-	-	-
17	CAMA.		"	40	44	-	20	-	-
18	Ghantiqa.		"	5	-	-	0	dead seedy	0
19	Bare.		"	-	-	-	-	-	-
20	Bare.		"	-	-	-	-	-	-
21	Ghantiya.		"	41	-	20	0	dead	0
22	Bare		"	-	-	-	-	-	-
23	Bare.		"	-	-	-	-	-	-
24	Sheep dung.		"	-	-	-	-	-	-
25	Ghantiya.		"	2	-	-	0	"	0
26	Bare.		"	-	-	-	-	-	-
27	Bare.		"	1	-	-	0	"	0
28	Bare.		"	-	-	-	-	-	-
29	Bare.		"	-	-	-	-	-	-
30	Ghantiya.		"	5	-	32	10	drying seedy	0

(11) LOCATION outside sann encl. POINT (11) DATE 10/8 ∠° 125 ∠°of U.S. 35

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	%Green	Phenology	GRAZING
1	Bare.		Sandy/dunal	–	–	–	–	–	–
2	↓		↓	–	–	–	–	–	–
3				–	–	–	–	–	–
4				–	–	–	–	–	–
5				–	–	–	–	–	–
6				–	–	–	–	–	–
7				–	–	–	–	–	–
8				–	–	/	–	–	–
9				–	–	–	–	–	–
10				–	–	–	–	–	–
11				–	–	–	–	–	–
12				–	/	–	–	–	–
13				–	–	–	–	–	–
14				–	–	–	–	–	–
15				–	–	–	–	–	–
16				–	–	–	–	–	–
17				–	–	–	–	–	–
18	↓			–	–		–	–	–
19	Cana			85	12-7	–	70	–	–
20	↑								
21									
22									
23	Bare.			–	–	–	–	–	–
24	11			–	–	–	–	–	–
25	11			–	–	–	–	–	–
26	11			–	–	–	–	–	–
27	11			–	–	–	–	–	–
28	Khair	Caparis		2m	10		70	leaf.	
29	Bare			–	–	–	–	–	–
30	Bare.			–	–	–	–	–	–
				–	–	–	–	–	–

LOCATION Outside sam encl. POINT (11) DATE 10/8/91 ∠° 125° ∠° of U.S. 215

(11)

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	Bare		sandy/dead	~~2.25m~~	~~1ft.~~	-	-	-	-
2				-	-	-	-	-	-
3				-	-	-	-	-	-
4				-	-	-	-	-	-
5				-	-	-	-	-	-
6				-	-	-	-	-	-
7	Shair			2.50	1.4.	-	80	Flowery.	-
8									
9	Bare.			-	-	-	-	-	-
10				-	-	-	-	-	-
11				-	-	-	-	-	-
12				-	-	-	-	-	-
13				-	-	-	-	-	-
14				-	-	-	-	-	-
15				-	-	-	-	-	-
16				-	-	-	-	-	-
17	Booi			50	1.00	-	0	all dead bulb.	0
18	Bare			-	-	-	-	-	-
19				-	-	-	-	-	-
20				-	-	-	-	-	-
21				-	-	-	-	-	-
22				-	-	-	-	-	-
23				-	-	-	-	-	-
24				-	-	-	-	-	-
25				-	-	-	-	-	-
26				-	-	-	-	-	-
27	Shair			1.25	2.5	-	75	Flowery	-
28	Bare			-	-	-	-	-	-
29	Bare			-	-	-	-	-	-
30	Bare.			-	-	-	-	-	-

12 LOCATION outside POINT (12) DATE 10/8/91 LO 125 LOOK V.S. 35°

sam encl.

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	Phenology	GRAZING
1	Bare.		sandy thalan	–	–	–	–	–	–
2	Bare			–	–	–	–	–	–
3	Bare			–	–	–	–	–	–
4	Bare.			–	–	–	–	–	–
5	~~Kair~~			–	–	–	–	–	–
6	Kair		~~3m~~ "	3m	3.1	–	85	Flowering/fruiting	
7	~~Kair.~~								
8	Bare			–	–	–	–	–	–
9	Bare			–	–	–	–	–	–
10	Bare			–	–	–	–	–	–
11	Bare			–	–	–	–	–	–
12	Phel		"	5	–	–	100	seedling	0
13	Bare.		sandy thalan	–	–	–	–	–	–
14				–	–	–	–	–	–
15				–	–	–	–	–	–
16				–	–	–	–	–	–
17				–	–	–	–	–	–
18				–	–	–	–	–	–
19	exposed root.			–	–	–	–	–	–
20	ghantta.			7	–	–	60	amm seedling	0
21	exposed root			–	–	–	–	–	–
22	Bare.			–	–	–	–	–	–
23	exposed root			–	–	–	–	–	–
24	"			–	–	–	–	–	–
25	Sheep dump			–	–	–	–	–	–
26	"			–	–	–	–	–	–
27	"			–	–	–	–	–	–
28	"			–	–	–	–	–	–
29	exposed root			–	–	–	–	–	–
30	Sheep droppy			–	–	–	–	–	–

(12) LOCATION outside sam end. POINT (12) DATE 10/8/91 ∠° 125° ∠° of V.S. 235°

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	exposed roots Bare.		Sandy thalar.	–	–	–	–	–	–
2	" "		"	–	–	–	–	–	–
3	Gantiya.		sandy / thalar	2	–	–	<10	dry seedling	0
4	Exposed roots.		"	–	–	–	–	–	–
5	"		"	–	–	–	–	–	–
6	sheep dropping		"	–	–	–	–	–	–
7	"		"	–	–	–	–	–	–
8	"		"	–	–	–	–	–	–
9	"		"	–	–	–	–	–	–
10	Bare.		"	–	–	–	–	–	–
11	"		"	–	–	–	–	–	–
12	"		"	–	–	–	–	–	–
13	Ghantiya		"	5	–	–	35	seedling	0
14	Bare.		"	–	–	–	–	–	–
15	"		"	–	–	–	–	–	–
16	"		"	–	–	–	–	–	–
17	"		"	–	–	–	–	–	–
18	"		"	–	–	–	–	–	–
19	Lana.		"	55	90	–	75	–	–
20	Bare		"	–	–	–	–	–	–
21	"			–	–	–	–	–	–
22	"			–	–	–	–	–	–
23	sheep dropping			–	–	–	–	–	–
24	Sheep "			–	–	–	–	–	–
25	"			–	–	–	–	–	–
26	exposed root			–	–	–	–	–	–
27	Bare.			–	–	–	–	–	–
28	"			–	–	–	–	–	–
29	~~exp~~ sheep dropping			–	–	–	–	–	–
30	Bare.			–	–	–	–	–	–

(13) LOCATION Outside sam encl. POINT 13 ∠° of T. 125 ∠° of V. Sample: 35° DATE 10/8/91

35°

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% GREEN	PHENOLOGY	GRAZING
1	Bare.		Sandy / Talav.	~~25~~ –	–	–	–	–	–
2 }	Igna.			75	15·40	–	75	–	–
3 }									
4 }									
5	Bare.			–	–	–	–	–	–
6	〃			–	–	–	–	–	–
7	〃			–	–	–	–	–	–
8	Ghatia.			24.	–	–	0	Dead	0
9	Bare			–	–	–	–	–	–
10	Ghatia.			10	–	–	0	Dead.	
11	Bare.			–	~~5·9~~	–	–	–	–
12 }	Igna.			75	5·9	–	80	–	–
13 }									
14	Bare			–	–	–	–	–	–
15	〃			–	–	–	–	–	–
16	〃			–	–	–	–	–	–
17	〃			–	–	–	–	–	–
18	〃			–	–	–	–	–	–
19	〃			–	–	–	–	–	–
20	〃			–	–	–	–	–	–
21	〃			–	–	–	–	–	–
22	〃			/	–	–	–	–	–
23	Ghatia.			5	–	–	0	Dead	0
24	〃			10	–	–	0	Dead.	0
25	〃			5	–	–	0	〃	0
26	〃			8	–	–	0	〃	0
27	Bare			–	–	–	–	〃 –	–
28	Bare			–	–	–	–	–	–
29	Ghatia			8	~~03~~	23	0	dead.	0
30	Bare.			–	–	–	–	–	–

(13) LOCATION outside POINT (12) same end. ∠° of T 125° 10/8/91 ∠° of U. SAMPLE 275°

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	Bare		Sandy / Thalar	–	–	–	–	–	–
2	"			–	–	–	–	–	–
3	"			–	–	–	–	–	–
4	"			–	–	–	–	–	–
5	"			–	–	–	–	–	–
6	CAMA		sandy thalar	100	12·9.		25	–	0
7									
8									
9									
10	Bare			–	–	–	–	–	–
11	Bare			–	–	–	–	–	+
12	Ghatia.			10	4~~0~~		20	Seedly.	0
13	"			5	–	–	0	"	0
14	camel dung.			–	–	–	–	–	–
15	Bare			–	–	–	–	–	–
16	Ghat. Bare			–	–	–	–	–	–
17	"			–	–	–	–	–	–
18	"			–	–	–	–	–	–
19	Ghatia			5	–	–	0	dev. seedy	–
20	"			"	–	–	"	"	–
21	"			"	–	–	"	"	–
22	Bare.			–	–	–	–	–	–
23	"			–	–	–	–	–	–
24	"			–	–	–	–	–	–
25	"			–	–	–	–	–	–
26	"			–	–	–	–	–	–
27	"			–	–	–	–	–	–
28	"			–	–	–	–	–	–
29	Lana.			55	5·7	–	85.	–	–
30	Bare.			–	–	–	–	–	–

(14) LOCATION Outside sam end. POINT 14 ∠° of ST. 125° ∠° of V. sample 35° DATE 10/8/91. 35

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	DEPTH	HOPPER	%	PHENOLOGY	GRAZING
1	Bare.		Dund/sandy	–	–	–	–	–	–
2	"		"	–	–	–	–	–	–
3	"			–	–	–	–	–	–
4	"			–	–	–	–	–	–
5	"			–	–	–	–	–	–
6	"				–	–	–	–	–
7	Booi			65	1.0	–	50	Vegetative	0
8	Bare			–	–	–	–	–	–
9	"			–	–	–	–	–	–
10	"			–	–	–	–	–	–
11	Sheep dupa			–	–	–	–	–	–
12	Bare.			–	–	–	–	–	–
13	Sheep dupa			–	–	–	–	–	–
14	Bare			–	–	–	–	–	–
15	Bare			–	–	–	–	–	–
16	Sheep dupa			–	–	–	–	–	–
17	"			–	–	–	–	–	–
18	~~Bar~~ Bare.			–	–	–	–	–	–
19	Bare.			–	–	–	–	–	–
20	glutia.			15	–	45	0	dead plant	0
21	Bare.			–	–	–	–	–	–
22	"			–	–	–	–	–	–
23	"			–	–	–	–	–	–
24	"			–	–	–	–	–	–
25	"			–	–	–	–	–	–
26	"			–	–	–	–	–	–
27	"			–	–	–	–	–	–
28	"			–	–	–	–	–	–
29	"			–	–	–	–	–	–
30	Iana.			70.	6.9	–	30	–	–

(4) LOCATION outside Sam End. POIINT 14 ∠° of T 125° ∠° of U. SAMPLE 215°

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	Igrd.		Sandy / dunn	90	1530		75	—	—
2									
3									
4	Bare			—	—	—	—	—	—
5	"			—	—	—	—	—	—
6	"			—	—	—	—	—	—
7	"			—	—	—	—	—	—
8	"			—	—	—	—	—	—
9	Phel		"	18	—	—	0	dead.	0
10	Bare			—	—	—	—	—	—
11				—	—	—	—	—	—
12				—	—	—	—	—	—
13				—	—	—	—	—	—
14				—	—	—	—	—	—
15				—	—	—	—	—	—
16				—	—	—	—	—	—
17	Sewan.		"	10	.80	—	75	grey	2
18	Bare.		Sandy / dunn	—	—	—	—	—	—
19				—	—	—	—	—	—
20				—	—	—	—	—	—
21				—	—	—	—	—	—
22				—	—	—	—	—	—
23				—	—	—	—	—	—
24				—	—	—	—	—	—
25				—	—	—	—	—	—
26				—	—	—	—	—	—
27				—	—	—	—	—	—
28				—	—	—	—	—	—
29				—	—	—	—	—	—
30				—	—	—	—	—	—

Date :- 11/8/91 LOCATION SAMENG ∠° of Transact 25° length 1.3 cloud cover 3/

start time 6.48 End time 8.12 Start Temp :- 28°C End Temp 30° wind speed 1

sunrise. 6.25

S.Nos.	Node loc	Species	Time	Nos.	♂	♀	Y	⊥ dist.	L/R	Activity	Plant sp	Position	Ht	Substrate	Remarks
1	sight	Chinkara	6.48	3	1	2	-	125	R	STCA					
1	"	R. pastor	"	9	-	-	-	0	L-R	fly					
1	"	L.G. Shrike	6.49	1	-	-	-	75	R	perch	Capparis	Top branch	7m		
1	"	B.C.F.L	6.51	1	-	1	-	20	R	foraging				Magra	
1	"	R. Dove	6.51	1	-	-	-	0	R-L	fly					
1	"	Whitecheeked bulbul	6.53	2	-	-	-	70	L	perch	Capparis	mid canopy	3-5m		
1	"	Rufous chat	6.54	1	-	-	-	5	L	foraging	"				
1	"	B.C.F.L	6.56	1	-	1	-	0	L-R	fly					
2	L/S	W.C.B.B	6.58	2	-	-	-	175	L	calling/perch	Calotropis	top branch	8		
2	S	B.C.F.L	6.58	1	-	1	-	3	R	foraging				Thalar	
2	S	C. Babbler	7.01	4	-	-	-	15	L	foraging				Thalar	
2	S	Purple sunbird	7.02	1	1	-	-	15	L	perch/calling	Capparis	middle branch	2	~~Thalar~~	
2	S	B.C.F.L	7.03	1	-	1	-	20	L	foraging				Thalar.	
(3)	S	R. Dove.	7.04	1	-	-	-	0	L-R	fly					
2	S	B.C.F.L	7.05	1	1	-	-	5	L	~~fora~~ flight				Thalar.	
(4)	S	W.B. Vulture	7.06	3	-	-	-	200	R	perched	Capparis.	Top	8		
3	H/S	R.V. Bulbul	7.08	1	-	-	-	250	L	perch/calling					
3	S	R. Pastor	7.12	75±	-	-	-	20	L	fly					
3	S	"	7.12	75±	-	-	-	150	R	fly					
3	S	Chinkara	7.15	1	-	-	-	200	R	STCA					
3	H/S	Blue cheeked Beeeater	7.17	2	-	-	-	11	L	sortee from me	Capparis	top	7-8m		
4	S	Indian Sandgrouse	7.19	1	-	-	-	50	R	fly					
5	S	R. pastor	7.20	25	-	-	-	150	R	fly					
6	S	Desert fox	7.25	1	-	-	-	50	L	Startled				Bhoothead	
6	S	B.C.F.L	7.27	1	1	-	-	25	L	foraging				Bhoothead	
6	OH	"	7.29	1	1	-	-	<50	R	display					
7	S	Chinkara	7.32	1	1	-	-	500	R	Starting				Magra.	
(8)	S	R. Pastor	7.34	12	-	-	-	0	-	foraging	Capparis.	~~[illegible]~~			
8	S	B.C.F.L	7.37	1	-	-	-	0	R-L	fly					
8	S	R. Pastor	7.39	25	-	-	-	100	R	~~fly~~ perch	Capparis.				
9	S	B.C.F.L	7.44	2	1	1	-	40	L	fly					
10	S	C. Babbler	7.50	2	-	-	-	100	R	fly					

Sequos.	Mack loc.	Species	Time	Nos.	♂	♀	M	1st dist	L/R	Activity	Plant sp.	Position	Ht.	Substrate	Remarks
11	OH	BCFC	7.55	1	1	-	-	< 50	R	display					
11	S	B·C·FC	7.57	3	3	-	-	40	L	display territorial fight					
12	S	B·C·FC	8.00	1	1	-	-	25	L	squeal				Bhoothad.	
12	S	B·C·FC	8.02	1	1	-	-	5	L	foray				Bhoothad.	
12	S	B·C·FC	8.03	1	1	-	-	20	L	fly					
13	S	B·C·FC	8.10	1	1	-	-	80	L	fly					
13	11	11	8.11	1	-	1	-	5	L	flood					

Date:- 12/8/91 Location:- outside San end. Lo of T:- 125° length:- 1.3 k.m. Cloud cover:- 0/8
Start time:- 6.45 End time:- 8.03 Start temp:- 27° End Temp:- 30° wind speed:- 1-2
Sunrise:- 6.24

S.Nos.	Mod. loc.	Time	Species	Nos.	♂	♀	Y	⊥ dist	L/R	Activity	Plant sp.	Position	Ht	Substrate	Remarks
1	S	6.48	B.C.F.L	1	–	1	–	70	L	flying					
1	S	6.49	"	1	–	–	–	70	L	"					
1	S	6.51	"	1	–	–	–	0	R-L	fly					
1	S	6.51	Blue Cheeked bee-eater	1	–	–	.	50	L	fly					
2	S	6.52	B.C.F.L	1	1	–	–	10	R	flushed					
2	S	6.55	"	1	–	1	–	0	L-R	fly					
2	S	6.56	"	1	1	–	–	20	R	fly					
(3)	S	6.58	Chinhara	1	–	1	–	125	R	Alarmed					
(4)	S	7.00	"	1	–	1	–	100	R	Alarmed					
2	S	7.01	C.G. Shrike	1	–	–	–	80	L	Perched	Capparis	Top branch	8-9		
3	S	7.02	H. Crow	1	–	–	–	0	R-L	fly					
3	S	7.06	R. Partor	9	–	–	–	0	L-R	fly					
3	S	7.07	I. Dove	2	–	–	–	75	L	fly					
4	S	7.08	R. Dove	1	–	–	–	75	L	Perched	Calotrops	outer branch middle	8		
4	S	7.09	C.G. Shrike	1	–	–	–	75	L	Perched/calling	"	Top branch	10		
(5)	S	7.12	C.I. Sandgrove	6	–	–	–	0	L-R	fly					
(6)	S	7.16	Chinhare	4	–	–	–	90	R	Alarmed					
5	S	7.19	R. Partor	20	–	–	–	0	L-R	fly					
5	S	7.20	"	15	–	–	–	0	L-R	"					
5	S	7.20	B.C.F.L	1	1	–	–	20	R	landed					
8	O/H	7.29	B.C.F.L	1	1	–	–	±25	L	Display					
8	S	7.31	B.C.F.L	1	–	1	–	0	R-L	Flying					
8	S	7.32	H. Crow	1	–	–	–	70	R	fly					
9	S	7.39	B.C. Beeeater	1	–	–	–	5	L	fly					
10	S	7.41	"	2	–	–	–	20	L/R	fly					
10	S	7.43	R. Dove	2	–	–	–	15	R	foraging				Thalar.	
11	S	7.44	U.F. Babler lesser white thr	1	–	–	–	0	L-R	foraging	Capparis	inside foliage	12-		
11	S	7.45	B.C. Beeeater	1	–	–	–	20	L	fly					
12	OH	7.53	B.C.F.L	1	1	–	–	<50	L	displaying					
12	S	7.55	White cheeked bulbul	4	–	–	–	60	L	calling from tree	Capparis.	Top canopy	5		
13	S	7.57	B.C.F.L	1	1	–	–	0	L-R	fly					
13	S	7.59	C. Babler	1	–	–	–	10	R	foraging				sandy/dried	
13	S	8.01	C. Babler	1	–	–	–	25	R	calling					

Date:- 14/8/91 LOCATION:- Sudarani 'A' Lo of T. ≈ 2 km. Cloud cover 0

Start time:- 6.45 End time:- 8.50 Start temp 25° End Temp 33° wind speed 2

Sunrise. 6.25

S No.	Mode loc.	Time	Species	Nos	♂	♀	♂	⊥ dist	L/R	Activity	Plant SP	Position	heat	Substrate
1	S	6.45	B.C.F.C	1	1	-	-	75	L	Disply				
1	S	"	"	1	-	-	-	75	L	fly				
1	S	"	B.C.F.C	1	1	-	-	50	L	fly				
1	S	"	"	1	1	-	-	30	L	fly				
1	S	6.46	C. Babbler	1	-	-	-	5	L	forgy	Capans	middle canopy	1.5	
1	S	6.46	Y.T. Sparrow	2	-	-	-	5	L	"	"	"		
1	S	6.47	Chinkara	2	-	-	-	175	R	forgin				
1	S	6.47	R. Pantor	25	-	-	-	100	R	fly				
1	"	"	"	7	-	-	-	50	R	fly				
1	S	6.49	Chinkara	1	-	-	-	100	L	SECA				
1	S	6.50	W.C. Bulbul	1	-	-	-	15	L	perch calling	Capans	Top branch	3	
2	S	6.53	R. Pato.	40	-	-	-	20	R	perch	capans.			
2	S	6.54	"	25	-	-	-	20	R	fly				
2	S	6.55	Chinkara	1	1	-	-	25	R	SECA				
2	S	6.56	Rufous chat	1	-	-	-	10	L	forgy				Thalar
(1)	S	6.57	B.H. Bulbin	7	-	-	-	20	L	"	Capans.			
2	S	6.58	B.C.F.C	2	1	1	-	20	R	forgy				Thalar
2	S	6.59	Rufous chat	1	-	-	-	5	R	forgy				
2	S	7.00	C. Babbler	1	-	-	-	50	L	perch	Capans	outer canopy	2	
2	S	7.01	B.C.F.C.	1	1	-	-	30	L	fly				
2	S	7.02	Black hd bunting	1	-	-	-	30	L	perch	capans	top branch	3	
2	SH	7.04	Plain wren warbler	1	-	-	-	30	L	calling				
2	S	7.05	C. Babbler	1	-	-	-	20	L	calling	capans	top branch	2.5	
2	S	7.06	R. Dove	2	-	-	-	50	L	perch	"	"		
3	S	7.07	R. Chat	2	-	-	-	10	L	"	"	mid canopy		
3	S	7.07	C. babbler	1	-	-	-	10	L	"	"	"		
3	S	7.08	R. pantor	25	-	-	-	25	R	"	"			
3	S	7.09	R. dove	1	-	-	-	25	R	"	"			
3	S	7.10	C. babbler	1	-	-	-	10	R	"	capans	mid outer branch	0.5	
3	S	7.11	"	2	-	-	-	5	R	forgy				Thalar.
(3)	S	7.12	K. roller	2	-	-	-	20	R	perch	"			
3	S	7.13	chinkara	12	-	-	-	150	L	grazing				
3	S	7.14	R. pantor	25	-	-	-	100	R	fly				

Seq Nos.	Habitat loc.	Time	Species	Nos	♂	♀	Y	⊥ dist	L/R	Activity	Plant sp	Position	Ht	Substrate
3	S	7.17	Chinkara	7	-	-	-	200	R	grazing				
3	S	7.18	I. Chat	2	-	-	-	25	L	perch				
3	S	7.20	R. Dove	1	-	-	-	0	C-R	fly				
3	S	7.20	Chinkara	2	-	-	-	100	L	grazing				
(5)	S	7.20	"	1	1	-	-	0	C-R	Running				
5	S	7.23	Roller	1	-	-	-	40	R	perch	capsens			
5	S	7.23	R. chat	1	-	-	-	15	R	fanning				
5	S	7.25	Chinkara	4	-	-	-	100	L	grazing				
5	S	7.26	B.C.F.C	1	1	-	-	40	R	display				
5	S	7.27	"	1	-	1	-	35	R	fly				
5	S	7.28	"	2	1	1	-	10	L	foraging				Thelan
5	S	728	B.C.F.C	3	-	-	-	10	R	fly				
5	S	728	Indian fox	1	-	-	-	10	R	flushed				
5	S	7.30	R. Dove	1	-	-	-	25	R	fly				
6	S	7.32	R. chat	1	-	-	-	5	L	flush				
6	S	732	I. Chat	1	-	-	-	10	R	Perch	capans.			
(7)	S	735	R. pator	20	-	-	-	0	C-R	fly				
6	S	7.36	Chinkara	8	-	-	-	150	L	grazing	—			
6	S	738	R. Dove	1	-	-	-	50	R	fly				
6	S	7.38	B.C.F.C.	1	1	-	-	20	R	fly				
7	S	7.38	B.C.F.C	1	1	-	-	5	L	foraging	thelan.			
7	S	7.38	"	1	1	-	-	10	C	display				
7	S	739	Chinkara	6	-	-	-	150	L	grazing				
7	S	7.42	S.C.F.C	1	-	1	-	15	R	foraging				
7	S	7.43	R. pator	1	-	-	-	25	R	perch	capans.			
6	S	7.45	R. roller	1	-	-	-	20	L	perch	"			
8	S	745	P. pator	40	-	-	-	50	R	perch/fanning				
8	S	7.48	Chinkara	1	-	-	-	125	L	grazing				
9	S	7.49	R pator	1	-	-	-	15	L	perch/feed	Cpans			
9	S	7.50	I. Chat	1	-	-	-	15	L	foraging	capans			
9	S	7.51	D. W. Wagtail	2	-	-	-	15	L	foraging/calls	capans.			

14/8/91 :- Sudasari 'A' cont.

Sq. No.	Mode loc.	Time	Species	Nos	♂	♀	Y	⊥ dist	L/R	Activity	Plantsp	Position	Ht	Substrate
9	S	7.56	B.CFC	1	–	–	–	50	C-R	flying				
9	S	7.57	"	1	1	–	–	5	C	flushed				
10	S	8.01	"	1	1	–	–	10	C	flushed				
10	S	8.02	B.C.F.C.	2	5	–	–	15	R	flying				
11	S	8.04	Chinhara	8	–	–	–	150	L	grazing				
11	S	8.05	W. Bahl mna	2	–	–	–	2	C-R	flying				
11	S	8.05	Chinhara	3	–	–	–	0	C-R	running				
11	S	8.07	R. Pator	1	–	–	–	75	C	pend	capans			
(13)	S	8.09	Chinhara	9	–	–	–	15	L/R	SHA/grazing				
12	S	8.10	B.C.F.C	1	1	–	–	20	R	display				
12	S	8.10	R. pator	50	–	–	–	25	C	pend	capans			
12	S	8.11	B.C.F.C	1	1	–	–	5	C	flying				
13	S	8.14	Chinhara	4	–	–	–	125	R	grazing				
13	S	8.14	B.C. Babbler	1	–	–	–	25	R	calling				
13	S	8.15	C. Babble	2	–	–	–	35	R	calling				
13	S	8.15	R. Chat	1	–	–	–	25	R	forming				
13	S	8.16	C. babbler	1	–	–	–	25	R	forming				
13	S	8.17	P.W. wabler	1	–	–	–	15	C	calling	Capans			
14	S	8.20	R. pator	23	–	–	–	75	C	calling/forming				
15	S	8.22	Chinhara	6	–	–	–	200	L	grazing				
15	S	8.24	"	6	–	–	–	100	C	running				
16	S	8.26	B.C.F.C	1	1	–	–	20	R	forming				
16	S	8.27	R. pator	2	–	–	–	5	C	pend	Capans.			
16	S	8.29	U.F wabler	1	–	–	–	15	R	forming				
16	S	8.30	R. pator	7	–	–	–	50	R	pend/flying				
16	S	8.30	"	10	–	–	–	35	C	"				
17	S	8.32	R. Dove	1	–	–	–	15	R	flying				
17	S	8.33	R. Pator	25	–	–	–	50	C/R	calling/pend				
18	S/H	8.36	Sandgrouse	50+	–	–	–	100	L	flying				
19	S	8.37	L. gree-beeder	1	–	–	–	15	R	pend				
19	S	8.38	Y.F. Sparrow	3	–	–	–	25	C	forming				
19	S	8.40	L. gre. be. eder	1	–	–	–	5	R					

S Nos.	Mode loc.	Time	Species	Nos	♂	♀	♂	⊥ dist	L/R	Activity	Plant SP	Position	heat	Substrate.
20	S	8.45	R. pator	8-10	–	–	–	45	L	tony	Sapang			
20	S	8.46	R. Dove	3	–	–	–	10	L	tony				
20	S	8.48	B.C.F.L	1	1	–	–	40	R	display				

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S. Nos.	Mode loc.	Time	Species	Nos.	♂	♀	+	⊥ dist	L/R	Activity	Plant SP	Position	Height	Substrate.
7	S	7.32	L.G. Beeah	1	-	-	-	75	L	preeny	Sapans	outer mud	25	
7	S	7.33	R. Dove	1	-	-	-	80	L	lanced				
8	S	7.35	R. Doe	1	-	-	-	50	R	fly				
8	S	7.36	R. Pator	40	-	-	-	75	R	pans forey				
8	S	7.38	G.F.B	1	+	-	-	150	L	forey				
8	S	7.42	R. Pator	3	-	-	-	25	R	"				
(9)	S	7.44	G.F.B	1	1	-	-	0	R.L	fly				
10	S	7.47	C. Babbler	4	-	-	-	50	R/L	forey				
10	S	7.47	B.H. Burly	11	-	-	-	0	L-R	fly				
10	S	7.49	R. Dove	1	-	-	-	15	L	forey				
11	S	7.52	R. Pator	1	-	-	-	0	R.L	fly				
11	S	7.55	R. Pato.	15	-	-	-	30	L	forey				
12	S	7.57	Chinhara	1	-	-	-	125	L	runy				
14	S	8.03	Chinhara	2	+	+	-	150	L	STLA				
15	S	8.06	B.C.FC	1	1	-	-	80	R	Display				

Date:- 15/8/1991 Location:- Sudasari 'B' : L° of T. length:- 1.5 Cloud cover 0
wind speed 2
Start time 6.50 End time:- 8.10 Start Temp. 26° End Temp. 30° Sunrise 6.25

Seq nos.	Mode loc.	Time	Species	Nos	♂	♀	Y	⊥ dist	L/R	Activity	Plantsp.	Position	Ht	Substrate
1	S	6.51	Chinhara	1	–	–	.	200	R	grazing				
1	S	6.51	B.C.Bee-eater	1	–	–	–	75	R	fly				
1	OH	6.51	C.Babbler	1	–	–	–	50	L	calling				
1	S	6.52	R.pator	20	–	–	–	30	R	fly				
1	S	6.54	B.C.F.C	~~[illegible]~~ 1	+	–	–	~~[illegible]~~ 40	R	display				
1	S	6.54	R.Pator	40	–	–	–	25	L	fly				
1	S	6.55	R.Pastor	2	–	–	–	35	R	"				
1	S	6.55	"	3	–	–	–	30	R	"				
1	S	6.56	B.C.F.C	1	1	–	–	50	R	foraging	1			Thalar
1	S	6.56	"	1	1	–	–	30	R	"				
1	S	6.59	R.Pator	10	–	–	.	100	L	fly				
1	S	7.00	B.C.F.C	1	+	–	–	75	R	display				
2	S	7.01	R.Dove	~~[illegible]~~ 1	+	–	–	50	L	fly				
2	S	7.02	H.crow	2	–	–	–	75	L	fly				
2	S	7.02	R.Pator	3	–	–	–	60	L	fly				
2	S	7.03	Sandgrove	2	–	–	–	0	L-R	fly				
2	S	7.04	R.pator	1	–	–	.	0	L-R	"				
2	S	7.04	B.C.F.C.	1	–	–	.	25	L	display				
3	S	7.05	B.C.F.C	1	–	–	–	75	R	display				
3	S	7.06	C.Babbler	1	–	–	–	125	R	pencil	Cgrass			
4	S	7.11	R.pator	5	–	–	–	100	R	pecial	Casn.			
4	S	7.11	B.C.F.C	2	1	1	–	0	L-R	fly				
5	S	7.16	W.Cheeked bulbl	2	–	–	–	40	L	foraging				
5	S	7.16	C.Babbler	1	–	–	–	40	L	"				
5	S	7.16	Rufous chat	1	–	–	–	40	L	"				
5	S	7.16	R.Pator	4	–	–	–	40	L	"				
6	S	7.17	W.T.mania	3	–	–	–	5	L	fly				
5	S	7.19	C.Babbler	3	–	–	–	20	L	foraging				
6	S	7.22	B.C.F.C	1	+	–	–	25	L	display				
7	S	7.25	C.Babbler	1	–	–	–	20	R	pencil/calling				
7	S	7.26	B.C.F.C.	5	–	–	–	15	L	fly				
7	S	7.26	R.Pator	15	–	–	–	75	R	pencil/foraging				
7	S	7.27	Chinhara	2	1	+	–	0	R-L	run				
7	S	7.29	Chinhara	3	–	–	–	300	L	grazing				

Date 16/8/91 location: outside Sudasari ends. 20 of T. length 1.4 km 1.4 km cloud cover 0
wind speed 1
Start time 6.50 am End time 7.45 Start temp 26°C End Temp 29°C Sunrise 6.25

Seq nos.	Hedge loc	Time	Species	Nos	♂	♀	Y	Idst	L/R	Activity	Plat sp.	Position	Ht	Substrate
1	S	6.50	R. Pator	3	-	-	-	10	R	flying				
1	S	6.52	R. Pator	16	-	-	-	50	R	flying				
1	S	6.52	B.C.F.C	1	1	-	-	30	L	display				
1	S	6.55	R. Chat	1	-	-	-	25	R	flying				
2	S	6.57	R. Chat	1	-	-	-	10	R	pencil	Capam			
2	S	6.58	R. Chat	1	-	-	-	0	L-R	flying				
2	S	6.59	C.G. Shrike	1	-	-	-	30	R	pencil calling	Babul			
2	S	7.00	Chinhara	1	-	-	-	75	R	running				
3	S	7.02	R. Dove	2	-	-	-	20	R	~~flying~~ pencil	Thor			
3	S	7.03	R. Pator	8	-	-	-	60	R	flying				
3	S	7.03	B.C.F.C	3	2	1	-	70	R	foraging				
3	S	7.04	C.G. Shrike	2	-	-	-	75	L	flying				
4	S	7.07	Chinhara	1	-	1	-	125	L	StLA				
4	S	7.09	R. Dove	1	-	-	-	15	L	pencil	Capam			
4	S	7.14	Chinhara	1	-	-	-	100	L	StLA.				
4	S	7.16	B.C.F.C	1	1	-	-	50	L	Display	-			
6	S	7.19	R. Dove	1	-	-	-	10	L	Display				
8	S	7.26	R. Pator	10	-	-	-	75	R	foraging	Capam			
8	S	7.30	Sandgrouse	4 ~~150~~	-	-	-	150	L	flying				
8	S	7.31	R. Dove	1 ~~100~~	-	-	-	100	R	display				
8	S	7.33	R. Chat	1	-	-	-	40	R	pencil	Capam			
9	S	7.33	B.C.F.C	1	1	-	-	15	L	Display				
12	S	7.38	B.C.F.C.	1	1	-	-	10	L	foraging				
13	S	7.40	B.C.F.C	1	1	-	-	25	L	Display				
13	S	7.41	C. Babbler	3	-	-	-	75	R	calling / foraging				
13	S	7.43	R. Pator	40	-	-	-	125	R	flying				
14	S	7.44	R. Dove	1	-	-	-	0	R-L	flying				
14	S	7.45	R. Pator	3	-	-	-	75	R	flying				
14	S	7.45	P. Wheater	1	-	-	-	10	L	pencil				

LOCATION outside sudgarii encl. DATE 17/8/91 LO OF T 190 LO of V. R 280° Point of T. (1)

Point	Reading	Botanic Name	Substrate	Ht	Circum	Spread	% green	Phenology	Grazing
1	Sarali		Thalar	1cm	-	-	100	seedling	
2	Bare			~~1.5~~ -	-	-	-	-	
3	"			-	-	-	-	-	
4	"			-	-	-	-	-	
5	"			-	-	-	-	-	
6	"			-	-	-	-	-	
7	"			-	-	-	-	-	
8	"			-	-	-	-	-	
9	"			-	-	-	-	-	
10	"			-	-	-	-	-	
11	Sinandi			1.5	-	-	90	in seed	
12	Kanti			1	-	-	100	seedling	
13	Behar			1.5	-	-	100	"	
14	Kuri			1.0	-	-	100	"	
15	Kuri			1.5	-	-	90	seedling	
16	Kuri (Kwisinhi)			2.5	-	-	100	"	
17	Behar			4.0	-	-	100	"	
18	Behar			2.0	-	-	"	"	
19	Kuri			2.0	-	-	"	"	
20	Kuri			6.0	-	-	"	In flower	
21	"			3.0	-	-	100	seedling	
22	Bare			-	-	-	-	-	
23	Bare			-	-	-	-	-	
24	Kuri			3.0	-	-	100	seedling	
25	Behar			1.0	-	-	100	seedling	
26	Kuri			1.5	-	-	100	"	
27	Behar			1.0	-	-	100	"	
28	~~Lump~~ Bare			~~3.0~~	-	-	~~80~~	~~"~~	
29	lump			3.0			80	seedling	
30	Behar			0.5	-	-	100	"	

Location outside sudari end. Date 17/8/91 ∠° of T. 790° ∠° of V. Sample. 700° Point of T. (1)

Point	Reading	Botanic name	Substrate	Ht	Cover	Spot	% Tiller	Boundary
1	Sarali.		Malar	2	–	–	100	seedly
2	Kuri ~~Kauti~~			1	–	–	100	"
3	Mirag			1.5	–	–	90	"
4	Kuri			0.5	–	–	100	"
5	Dhahdi			0.5	–	–	"	"
6	Bare			–	–	–	–	–
7				–	–	–	–	–
8				–	–	–	–	–
9				–	–	–	–	–
10				–	–	–	–	–
11				–	–	–	–	–
12				–	–	–	–	–
13				–	–	–	–	–
14				–	–	–	–	–
15				–	–	–	–	–
16				–	–	–	–	–
17				–	–	–	–	–
18				–	–	–	–	–
19				–	–	–	–	–
20				–	–	–	–	–
21				–	–	–	–	–
22				–	–	–	–	–
23				–	–	–	–	–
24	Kuri			0.5	–	–	100	seedly
25	Bare			–	–	–	–	–
26	Kuri			0.5	–	–	11	seedly
27	Behar			0.5	–	–	100	seedly
28	Bare			–	–	–	–	–
29	Behar			1	–	–	100	seedly
30	Bare			1	–	–	100	seedly

LOCATION outside Sudarni end. DATE 17/8/91 ∠° of T. 190° ∠° of V. Sample. 280° Point of T (2)

Point	Reading	Botanic name	Substrate	Ht	Circum	Spd	% green	Phenology	Gray
1	Dhahdi		Thatar	4	–	–	95	seedy	
2	Bare			–	–	–	–	–	
3	Kuri			0.5	–	–	100	"	
4	Bake			2.5	–	–	100	"	
5	lamp			8	–	–	100	grown	
6	Kuri			2	–	–	100	"	
7	Kuri			5	–	–	100	flowy	
8	Bare			–	–	–	–	–	
9	Bare			–	–	–	–	–	
10	Bare			–	–	–	–	–	
11	lamp			7	–	–	100	grown	
12	Baker			1	–	–	100	grown	
13	"			1	–	4	100	"	
14	"			1	–	3	100	"	
15	"			0.5	–	–	100	seedly	
16	"			2	–	4	100	grown	
17	Bare			–	–	–	–	–	
18	Baker			0.5	–	–	100	seedly	
19	lamp			4	–	–	100	grown	
20	Kuri			0.5	–	–	100	seedly	
21	Bare			–	–	–	–	–	
22	Gantiya			~~50~~ 1	–	50	~~50~~ 100	~~grown~~ flowy	
23	Karti			1	–	9	100	grown	
24	Bola kando pyaj			4	–	–	90	~~gro~~ seedy	
25	Kuri			2	–	6	100	grown	
26	Kuri			2	–	5	100	grown	
27	Dhahdi			3	–	5	100	"	
28	Behar			3	–	6	100	"	
29	Ghantia			1	–	–	100	seedly	
30	Mirah			5	–	–	100	grown	

LOCATION Outside Sudari encl. DATE 17/8/91 LO OF T 190° LO of V. 100° Point of T. (2)

Reading	Botanic Name	Substrate	Ht	Circum	Spread	% green	Phenology	Grazing	Point
Bare		Thalar	–	–	–	–	–	–	1
"			–	–	–	–	–	–	2
"			–	–	–	–	–	–	3
"			–	–	–	–	–	–	4
"			–	–	–	–	–	–	5
Iaver		Thalar	40	3.2	–	75	grown	–	6
Bare			–	–	–	–	–	–	7
Ghantio			3	–	.75	90	Grown	–	8
Bare			–	–	–	–	–	–	9
Bare			–	–	–	–	–	–	10
Bare			–	–	–	–	–	–	11
"			–	–	–	–	–	–	12
Bare			–	–	–	–	–	–	13
Bare			–	–	–	–	–	–	14
Bekar			0.5	–	–	100	Seedly	–	15
"			–	–	–	–	–	–	16
Bare			–	–	–	–	–	–	17
"			–	–	–	–	–	–	18
"			–	–	–	–	–	–	19
"			–	–	–	–	–	–	20
"			–	–	–	–	–	–	21
Behar			1	–	–	100	seedly	–	22
Bare			–	–	–	–	–	–	23
"			–	–	–	–	–	–	24
"			–	–	–	–	–	–	25
"			–	–	–	–	–	–	26
"			–	–	–	–	–	–	27
Gantia			5	–	100	90	grown	–	28
lamp			4	–	–	100	seedly	–	29
lamp			6	–	–	100	grown	–	30

LOCATION outside Sudani encl. POINT 3 DATE 17/8/91 ∠° of T :- 190° ∠° of V.S. 100° L

3

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH	SPREAD	% Green	PHENOLOGY	GRAZING
1	Khair		Thalar	4m	7.4	–	60	Flowering fruit	
2	Bare			.					
3	Bare			.					
4	lamp			2.5	–	–	100	Seed L	
5	Bare			.					
6	"								
7	"								
8	"			.					
9	"								
10	"								
11	"								
12	lamp			8	–	–	95	Flowering	
13	Baher			1.5	–	–	100	seedling	
14	Bare								
15	Ghantia			3	–	1m	100		
16	Baher			2.5		~~1m~~ –	100	grazing	
17	Baher			0.5	–	–	50	dry seedling	
18	Kuni			0.5	–	–	100	seedling	
19	Bare								
20	"								
21	"								
22	"								
23	"								
24	Baher			0.5	–	–	100	seedling	
25	Bare								
26	Bare								
27	Mirah			1.5	–	–	~~50~~ 25	dry seedling	
28	Bare								
29	Bare								
30	Bare								

LOCATION T. POINT 3 L° of T 190° L° of V. SAMPLE 280° R

Outside Sudarsi Encl.

3

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	CIRCUM	SPREAD DIA	%Green	PHENOLOGY	GRAZING
1	Bagva		Mulch	1	–	–	100	Seedly	
2	lamp		"	4	–	–	100	grow	
3	Behar		"	0·5	–	–	100.	Seedly	
4	Nivah		"	1	–	–	50	dying seedly	
5	Dhaheli		"	1	–	–	100	seedly	
6	kuri		"	5	–	8	100	flowery	
7	Behari			2	–	12	100	grown	
8	Gautio			3	–	75	90	grow	
9	Bare				–	–	–	–	
10	Gautia			3	–	40	90	grow	
11	kuri			7	–	8	100	flowy	
12	lamp			3	–	–	100	grow	
13	Behari			1	–	–	100	Seedly	
14	lamp			1	–	–	100	"	
15	Bare			–	–	–	–	–	
16	Baher			2	–	–	"	Seedly	
17	Bare			–	–	–	–		
18	Bare			–	–	–	–		
19	Sewan			4	Dia = 13cm	–	90	grow	1
20	Behar			3	–	–	100	grow	–
21	Sewan			15	2·4	–	80	flowery	1
22	Sarali			0·5	–	–	100	Seedly	–
23	Bare			–	–	–	–	–	
24	~~Bhakti gas~~ Dhaman			5	–	–	100	Flowery	
25	Behar			1	–	–	100	Seedly	
26	Ghantia			5	–	8	~~Dead~~ 80	grow	
27	Behar			3	–	–	100	grow	
28	Sinandi			3	–	5	100	seeding	
29	Behar			1	–	–	100	& seedly	
30	Behani			2	–	–	100	"	
								"	

LOCATION outside Sudasari end.

DATE 17/8/91 LO OF TRANSACT 190° LO of SAMPLING. 180°

(4) 4 R

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0 1 2	
1	~~Bakar~~		Thalav	2	–	–	100	–		
2	Boorda	Cymbopogon martini	"	1	–	7 cm	75	Growing	open 2	
3	Behar			4	–	–	100	Grow		
4	"			1	–	–	100	seedly		
5	Bhoorti			4	–	–	95	growing		
6	~~Dhakdi~~ Sooiya			3.5	–	–	100	Grow	1	
7	Bhagra			1	–	–	100	grow	–	
8	Camel dropm			–	–	–	–	–		
9	"			–	–	–	–	–		
10	Bare			–	–	–	–	–		
11	Bhagra			10	–	–	100	fruiting flowering		
12	Bare.			–	–	–	–	–		
13	Bordi			1.4 m	–	–	95	Jam tree		
14	Behar			0.5	–	–	100	seedly		
15	"			0.5	–	–	100	Seedly		
16	Bakeri			1	–	–	100	grow		
17	Bare.			–	–	–	–	–		
18	Sewan			20.	2.6m	–	20	Budding	2	
19	Baher			1	–	–	100	Seedly	–	
20	Bare			–	–	–	–	–		
21	Kui			0.5	–	–	100	Seedly	–	
22	lamp			8	–	–	100	flowey	–	
23	Dhakdi			1.5	–	–	100	grow		
24	Bhurti			15	–	–	100	flowey		
25	Bare			–	–	–	–	–		
26	"			–	–	–	–	–		
27	lamp			20	–	–	100	flowey		
28	Camel dropm			–	–	–	–	–		
29	Bare			–	–	–	–	–		
30	Bare.			–	–	–	–	–		

location Outside Sudani end. 17/8/91 L°T = 190° L°U = 100° (4)

POINT	READING	BOTANIC NAME	SUBSTRATE	HEIGHT	GIRTH CIRCUM	GIRTH DIA	% LIVE GROWTH	PHENOLOGY	GRAZING 0 1 2		
1	Kheji Thor			2m.	5m		70	grow			Old tree cut new branches coming up from base.
2	Bera			4 cm	–	–	100	grow			
3	11			1	–	–	100	seedly			
4	11			11	–	–	11	11			
5	Bare			–	–	–	–	–			
6	Kuri			0·5	–	–	100	seedly			
7	Hilari			0·5	–	–	100	seedly			
8	Kuri			3	–	–	100	flowery			
9	11			1	–	–	100	grow			
10	lamp			4	–	–	50	dmm sprout			
11	Behar			5	–	–	100	Sprout			
12	kuri			0·5	–	–	100	seedly			
13	Baheri			0·5	–	–	100	11			
14	gautia			2	–	0·5m	40	grow			
15	kuri			1·5	–	–	100	–			
16	Bare			–	–	–	–	–			
17	Baher			0·5	–	–	100	seedly			
18	Bare			–	–	–	–	–			
19	11			–	–	–	–	–			
20	11			–	–	–	–	–			
21	11			–	–	–	–	–			
22	11			–	–	–	–	–			
23	11			–	–	–	–	–			
24	11			–	–	–	–	–			
25	lamp			5	–	–	100	Howery			
26	Baher			0·5	–	–	100	–			
27	Bare			–	–	–	–	–			
28	Ghatta			10	–	0·5m	75	Howery			
29	Bare			–	–	–	–	–			
30	Bare			–	–	–	–	–			

LOCATION Outside Sudarsan encl. DATE 17/8/91 ∠° of T. 190° ∠° of V. Sample. 280° Point of T. (5) 5 R

Point	Reading	Botanic name	Substrate	Ht	Circum	Sprd	% green	Phenology	Gray
1	Lana			40	6m	–	50	Grouy	
2	Bare.			–	–	–	–	–	
3	"			–	–	–	–	–	
4	"			–	–	–	–	–	
5	"			–	–	–	–	–	
6	"			–	–	–	–	–	
7	"			–	–	–	–	–	
8	"			–	–	–	–	–	
9	lana.			40	~~3~~65	–	40	grouy	
10	Bare.			~~40~~	~~3~~65	–	–	–	
11	"			–	–	–	–	–	
12	"			–	–	–	–	–	
13	"			–	–	–	–	–	
14	"			–	–	–	–	–	
15	Kharhia			20	–	–	75	grouy	
16	Bare.			–	–	–	–	–	
17	lana			15	1m	–	60	gray	
18	Bare			–	–	–	–	–	
19	"			–	–	–	–	–	
20	"			–	–	–	–	–	
21	"			–	–	–	–	–	
22	"			–	–	–	–	–	
23	"			–	–	–	–	–	
24	"			–	–	–	–	–	
25	"			–	–	–	–		
26	"			–	–	–	–		
27	"			–	–	–	–	–	
28	"			–	–	–	–	–	
29	"			–	–	–	–	–	
30	"			–	–	–	–	–	
				–					

LOCATION DATE 17/8/91 LOOK T 190° LOOK V. 100° Point of T. 5 5 L

outside Sudasari ent.

Point.	Reading	Botanic Name	Substrate	Ht	Circum	Spread	% green	Phenology	Grazing
1	Bare			—	—	—	—	—	
2	"			—	—	—	—	—	
3	Baheri			1.5	—	—	100	seedly	
4	lamp			2	—	—	50	seedly	
5	kuri			0.5	—	—	100	seedly	
6	kuri			0.5	—	—	"	"	
7	Bare.			—	—	—	—	—	
8	lamp			5	—	—	100	flowery	
9	Bare.			—	—	—	—	—	
10	Dhakdi			0.5	—	—	100	seedly	
11	Baher			1.5	—	—	100	grocy	
12	Bare.			—	—	—	—	—	
13	"			—	—	—	—	—	
14	"			—	—	—	—	—	
15	lamp			25	—	—	100	grocy	
16	Bare.			—	—	—	—	—	
17	Dhakdi			0.5	—	—	100	seedly	
18	Bare.			—	—	—	—	—	
19	Bare.			—	—	—	—	—	
20	kuri			15	—	—	100	flowery	
21	Bare.			—	—	—	—	—	
22	Bare			—	—	—	—	—	
23	"			—	—	—	—	—	
24	"			—	—	—	—	—	
25	"			—	—	—	—	—	
26	Baher			1	—	—	100	seedly	
27	Bare.			—	—	—	—	—	
28	Barre.			—	—	—	—	—	
29	lamp			8	—	—	100	grocy	
30	Baher			2	—	—	100	seedly	

LOCATION Outside Sudasani encl. DATE 18/8/91 ∠° of T 190° ∠° of V. 280° Point of T. (6)

Point.	Reading	Botanic Name	Substrate	Ht	Circum	Spread	% Grow	Phenology	Grazing
1	Behar		Malar.	2.5	-	-	100	Grovy	
2	Bare			-	-	-	-	-	
3	"			-	-	-	-	-	
4	"			-	-	-	-	-	
5	"			-	-	-	-	-	
6	"			-	-	-	-	-	
7	"			-	-	-	-	-	
8	"			-	-	-	-	-	
9	"			-	-	-	-	-	
10	"			-	-	-	-	-	
11	"			-	-	-	-	-	
12	"			-	-	-	-	-	
13	Cattle dung			-	-	-	-	-	
14	Bare			-	-	-	-	-	
15	Dhahdi			1.5	-	-	100	seedling	
16	Sarali			3	-	-	100	flowering	
17	~~kuri~~ kair			2.5	2	-	~~100~~ 75	~~seedling~~ fruiting	
18	kuri			1.5	-	-	100	"	
19	Bare.			-	-	-	-	-	
20	Bare			-	-	-	-	-	
21	Bare			-	-	-	-	-	
22	kuri			1.5	-	-	100	seedling	
23	Bare			-	-	-	-	-	
24	Dhahdi			1	-	-	100	seedling	
25	"			3	-	-	100	grovy	
26	Bare			-	-	-	-	-	
27	Bare			-	-	-	-	-	
28	Bare			-	-	-	-	-	
29	Bare			-	-	-	-	-	
30	Sinadi			1	-	-	100	grovy	

LOCATION Outside Sudagari closure DATE 18/8/91 ∠° of T. 190° ∠° of V. Sample. 100° Point of T. (6) ~~6~~ 2

Point	Reading	Botanic name	Substrate	Ht	Circum	Spread	% green	Phenology	Grazing
1	lamp		Thalan	2·5	-	-	60	seedly	
2	Behav		"	4	-	-	100	grow	
3	Bare			-	-	-	-	-	
4	"			-	-	-	-	-	
5	"			-	-	-	-	-	
6	"			-	-	-	-	-	
7	"			-	-	-	-	-	
8	Sheep			-	-	-	-	-	
9	Sheep			-	-	-	-	-	
10	Sheep			-	-	-	-	-	
11	Bare			-	-	-	-	-	
12	"			-	-	-	-	-	
13	"			-	-	-	-	-	
14	Behav			0·5	-	-	100	seedly	
15	~~Bare~~ lave			12	-	-	0	dead plant	
16	Bare			-	-	-	-	-	
17	"			-	-	-	-	-	
18	exposed rock			-	-	-	-	-	
19	Bare			-	-	-	-	-	
20	"			-	-	-	-	-	
21	"			-	-	-	-	-	
22	lamp			5	-	-	95	grow	
23	Kui			3		8	90	flowy	
24	lamp			2·5	-	-	75	grow	
25	Baher			2	-	-	100	seedly	
26	Bare.			-	-	-	-	-	
27	Baher			0·5	-	-	100	seedy	
28	Bare			-	-	-	-	-	
29	Baher			0·5	-	-	100	seedy	
30	Baher			0·5	-	-	100	"	
				-					

LOCATION Outside Sudasari end. DATE 18/8/91 L°OF T. 190° L°OF V. 280° Point of T (7)

7R

Point.	Reading	BOTANIC NAME	SUBSTRATE	Ht.	GIRTH	Spread	% green	Phenology	Grazing
1	Baker		Thalan	2.5	-	-	100	grow	
2	lamp		11	3.0	-	-	70 30	grow	
3	kuri		11	1.5	-	-	90	grow	
4	11		11	11	-	-	11	11	
5	Behar		11	0.5	-	-	100	seedly	
6	Bare			—	—	—	—	—	
7	lamp			2.5	-	-	~~100~~ 80	seedly	
8	Dhaedi			4.0	-	-	100	grow	
9	Bare			—	—	—	-	—	
10	Bare			—	—	—	—	—	
11	Chandala			2.0	-	-	100	growing	
12	Kair.			2.5m	5.55m	-	75	flower fruiting	
13	Bare.			—	—	—	-	—	
14	Baker			4.0	-	-	100	grow	
15	Bare			—	—	—	-	—	
16	Kuri			1	-	-	100	seedly	
17	Bare			—	-	-	-	-	
18	dead twigs			—	-	—	—	—	
19	Kuri			0.5	-	-	100	Grow	
20	Bare			—	—	—	-	—	
21	11			—	-	-	-	—	
22	11			—	—	-	-	—	
23	11			—	—	—	-	—	
24	11			—	—	—	-	—	
25	11			—	-	—	-	—	
26	11			—	-	—	-	—	
27	11			—	—	—	-	—	
28	11			—	—	—	-	—	
29	11			—	—	—	-	—	
30	11			—	—	—	-	—	

LOCATION DATE 18/8/91 190° 100° 7

outside Sudari encl.

Point	Reading	Botanic Name	Substrate	Latter	Cyclic	Spec.	%	Phenology	Gretty
1	Kuri		Malar	1	–	–	100	grown	
2	Bare			–	–	–	–	–	
3	"			–	–	–	–	–	
4	Cattle dry			–	–	–	–	–	
5	Bare			–	–	–	–	–	
6	Dhahdi		Malar	1	–	–	100	seedly	
7	Kuri			1.5	–	–	100	grown	
8	lamp			8	–	–	100	grown	
9	ghantiya			3	–	20	70	grown	1
10	gr kuri			4	–	–	70	flowery	
11	lamp			2.5	–	–	50	grown	
12	Bare			–	–	–	–	–	
13	"			–	–	–	–	–	
14	Ghantiya			5	–	–	40	seedly	
15	Kuri			3	–	–	80	"	
16	Bare			–	–	–	–	–	
17	"			–	–	–	–	–	
18	"			–	–	–	–	–	
19	"			–	–	–	–	–	
20	"			–	–	–	–	–	
21	"			–	–	–	–	–	
22	Kuri			2.5	–	–	90	flowery	
23	Bare			–	–	–	–	–	–
24	"			–	–	–	–	–	
25	Mirak			15	–	–	50	flowery	
26	Bare			–	–	–	–	–	
27	"			–	–	–	–	–	
28	"			–	–	–	–	–	
29	"			–	–	–	–	–	
30	Kuri			2	–	–	0	dead.	

LOCATION outside Sudasari end. DATE 18/8/91 L°OF T. 190 L°OF U. 280 Point of T (8)

SL

Point.	Reading	BOTANIC NAME	SUBSTRATE	HE.	GIRTH	Spread	% green	Phenology	Grazing
1	Bare		Thalar	–	–	–	–	–	
2	Dhamaggia			7	–	–	100	grow	
3	lamp.			9	–	–	90	"	
4	Bare			–	–	–	–		
5	Behar			2	–	–	100	"	
6	Beha			2	–	–	"	"	
7	Ghautia			2	–	0·4	100	"	
8	"			"	–	"	"	"	
9	Bare			–	–	–	–	–	
10	"			–	–	–	–	–	
11	"			–	–	–	–		
12	Mirah			4	–	–	75	"	
13	Bare			–	–	–	–	–	
14	Baher			3	–	–	100	seedy	
15	Ghatia			2	–	1·0	40	Grow	
16	kuri			5	–	–	90	flowey	
17	Baher			2	–	–	100	seedy	
18	"			3	–	–	"	Grow	
19	Bare.			–	–	–	–	–	
20	Baher			¾2	–	–	"	"	
21	"			15	–	–	"	seedy	
22	Bare			–	–	–	–	–	
23	"			–	–	–	–	–	
24	"			–	–	–	–	–	
25	"			–	–	–	–	–	
26	"			–	–	–	–	–	
27	"			–	–	–	–	–	
28	"			–	–	–	–	–	
29	"			–	–	–	–	–	
30	Sinandi			0·5	–	–	100	seedy	

LOCATION Outside Sudayan closure DATE 18/8/91 L° of T 190° L° of U. 100° POINT OF T 8 8 L

Point	Reading	Botanic Name	Substrate	Ht	Girth	Spread	% yield	Phenology	Grazing
1	Lana.		Thalas.	70	3-85	–	80	grazy	
2	Bare			–	–	–	–	–	
3	"			–	–	–	–	–	
4	"			–	–	–	–	–	
5	"			–	–	–	–	–	
6	cattle.			–	–	–	–	–	
7	Bare			–	–	–	–	–	
8	↓			–	–	–	–	–	
9				–	–	–	–	–	
10				–	–	–	–	–	
11				–	–	–	–	–	
12				–	–	–	–	–	
13	sheep			–	–	–	–	–	
14	Bare			–	–	–	–	–	
15	↓			–	–	–	–	–	
16				–	–	–	–	–	
17				–	–	–	–	–	
18				–	–	–	–	–	
19				–	–	–	–	–	
20				–	–	–	–	–	
21				–	–	–	–	–	
22	↓			–	–	–	–	–	
23	sheep			–	–	–	–	–	
24	Bare			–	–	–	–	–	
25	↓			–	–	–	–	–	
26				–	–	–	–	–	
27	Cattle.			–	–	–	–	–	
28	Bare			–	–	–	–	–	
29	sheep			–	–	–	–	–	
30	Bare		↓	–	–	–	–	–	

LOCATION Outside Sudasari end. DATE 18/8/91 L°of T. 190° L°of U. 280° Point of T (9)

9 R

Point.	Reading	BOTANIC NAME	SUBSTRATE	Ht.	GIRTH	Spread	% green	Phenology	Grazing
1	Bare		Malar	-	-	-	-	-	
2	"			-	-	-	-	-	
3	"			-	-	-	-	-	
4	"			-	-	-	-	-	
5	"			-	-	-	-	-	
6	"			-	-	-	-	-	
7	"			-	-	-	-	-	
8	"			-	-	-	-	-	
9	kuri			3	-	-	100	seedy	
10	Behar			1.5	-	-	100	seed	
11	sleep dry			-	-	-	-	-	
12	Carel			-	-	-	-	-	
13	Ghatia			3	-	30	90	grow	
14	Bare			-	-	-	-	-	
15	"			-	-	-	-	-	
16	"			-	-	-	-	-	
17	"			-	-	-	-	-	
18	"			-	-	-	-	-	
19	Ghatia			8	-	-	50	grow	
20	Bare			-	-	-	-	-	
21	"			-	-	-	-	-	
22	"			-	-	-	-	-	
23	"			-	-	-	-	-	
24	"			-	-	-	-	-	
25	"			-	-	-	-	-	
26	"			-	-	-	-	-	
27	"			-	-	-	-	-	
28	"			-	-	-	-	-	
29	"			-	-	-	-	-	
30	"			-	-	-	-	-	

LOCATION DATE ∠° OF T 190° ∠° of U. 100° POINT OF T (9) 9 L

Outside Sudari end. 18/8/91

Point	Reading	Botanic Name	Substrate	Ht	Girth	Spread	% green	Phenology	Grazing
1	Bare		Thalar	–	–	–	–	–	
2	"			–	–	–	–	–	
3	"			–	–	–	–	–	
4	"			–	–	–	–	–	
5	"			–	–	–	–	–	
6	Kuri			0.5	–	–	100	seedly	
7	Bare			–	–	–	–	–	
8	Kuri			1	–	–	100	"	
9	Baher			1.5	–	–	100	seedly	
10	Kuri			2	–	–	95	"	
11	Ghutiya			6	–	50	80	flowery	
12	Mirah			8	–	–	95	growy	
13	lamp			5	–	–	95	"	
14	Kuri			0.5	–	–	100	seedly	
15	Ghantiya			2	–	–	100	seedly	
16	Bare.			–	–	–	–	–	
17	Mirah			6	–	–	80	flowery	
18	Bare			–	–	–	–	–	
19	Dhahdi			0.5	–	–	100	seedly	
20	Baher			0.5	–	–	100	"	
21	Kuri			0.5	–	–	100	"	
22	lamp			15	–	–	95	flowery	
23	Bare			–	–	–	–	–	
24	"			–	–	–	–	–	
25	"			–	–	–	–	–	
26	"			–	–	–	–	–	
27	"			–	–	–	–	–	
28	"			–	–	–	–	–	
29	"			–	–	–	–	–	
30	"			–	–	–	–	–	

LOCATION Outside Sudarsan enc. DATE 18/8/91 L° of T 190° L° of U. 280° POINT OF T 10

10 K

Point	Reading	Botanic Name	Substrate	Ht	Girth	Spread	%growth	Phenology	Grazing
1	Baheri		Thalav	1	–	–	100	grow	
2	Kuri		"	2	–	–	75	"	
3	Bare			–	–	–	–	–	
4	Behar			1·5	–	–	100	Seedly	
5	Baheri			1·0	–	–	100	"	
6	"			2·0	–	–	"	"	
7	Behar			4	–	–	100	grow	
8	Bare			–	–	–	–	–	
9	layp			10	–	–	50	grow	
10	Behar			0·5	–	–	100	seedly	
11	"			1·5	–	–	"	"	
12	Kuri			5	–	–	"	Flower	
13	Bare			–	–	–	–	–	
14	"			–	–	–	–	–	
15	"			–	–	–	–	–	
16	"			–	–	–	–	–	
17	"			–	–	–	–	–	
18	Dhahdi			0·5	–	–	100	seedly	
19	Bare.			–	–	–	–	–	
20	"			–	–	–	–	–	
21	"			–	–	–	–	–	
22	"			–	–	–	–	–	
23	"			–	–	–	–	–	
24	"			–	–	–	–	–	
25	"			–	–	–	–	–	
26	Baher			0·5	–	–	100	Seedly	
27	Bare			–	–	–	–	–	
28	Sinandi			0·5	–	–	100	Seedly	
29	Bare			–	–	–	–	–	
30	Bare.			–	–	–	–	–	

LOCATION Outside Sudasari end. DATE 18/8/91 LOOT T. 290° LOOT U. 100° Point of T (10)

Point.	Reading	BOTANIC NAME	SUBSTRATE	Ht.	GIRTH	SPREAD	% green	Phenology	Grazing
1	Bare		Thalar	–	–	–	–	–	
2	"			–	–	–	–	–	
3	Kuri			0.5	–	–	100	seedly	
4	Bare			–	–	–	–	–	
5	Kuri			0.5	–	–	90	seedly	
6	Behari			0.5	–	–	100	"	
7	Bare			–	–	–	–	–	
8	Baher			0.5	–	–	100	seedly	
9	Bare.			–	–	–	–	–	
10	lana.			85	5.35	–	35	grown	
11	Bare.			–	–	–	–	–	
12	Bare			–	–	–	–	–	
13	gnantiya			4	–	25	80	grown	
14	"			"	–	30	100	"	
15	Beher			[illegible]	–	–	100	seedly	
16	"			0.5	–	–	"	"	
17	Bare			–	–	–	–	–	
18				–	–	–	–	–	
19				–	–	–	–	–	
20				–	–	–	–	–	
21				–	–	–	–	–	
22				–	–	–	–	–	
23				–	–	–	–	–	
24				–	–	–	–	–	
25	Mirah			1	–	–	25	dung seedly	
26	Bare			–	–	–	–	–	
27	"			–	–	–	–	–	
28	"			–	–	–	–	–	
29	lamp			15	–	–	90	flown	
30	Bare.			–	–	–	–	–	

LOCATION DATE 18/8/91 ∠° OF T 790° ∠° of U. 280° POINT OF T (11) 19 R

Oubich Sudarari encl.

Point	Reading	Botanic Name	Substrate	Ht	Girth	Spread	% green	Phenology	Grazing
1	Exposed root		Thalar	—	—	—	—	—	—
2	Behari			1	—	—	100	seedling	
3	~~Bare~~ "			"	—	—	"	"	
4	Bare			—	—	—	—	—	
5	"			—	—	—	—	—	
6	"			—	—	—	—	—	
7				—	—	—	—	—	
8				—	—	—	—	—	
9	Sewan.			15	2.95	—	<5	dry dump	
10	Bare.			—	—	—	—	—	
11	Bahar			0.5	—	—	100	seedling	
12	Bare			—	—	—	—	—	
13	"			—	—	—	—	—	
14	Behari			1	—	—	100	seedling	
15	lamp			2.5	—	—	75	"	
16	Bare.			—	—	—	—	—	
17	Caul dry			—	—	—	—	—	
18	Bare			—	—	—	—	—	
19	"			—	—	—	—	—	
20	kanti			5	—	—	95	grown	
21	Bah			0.5	—	—	100	seedly	
22	Bare			—	—	—	—	—	
23	Bahar			0.5	—	—	100	seedly	
24	Bare			—	—	—	—	—	
25	Dhahdi			1.5	—	—	100	grown	
26	Kuri			0.5	—	—	100	Seedly	
27	Mirah			0.5	—	—	25	dry seedly	
28	Bare			—	—	—	—	—	
29	"			—	—	—	—	—	
30	"			—	—	—	—	—	

outside Sudan field. 18/8/91 190° 100° (11)

Point	Recording	Botanic name	Substrate	Ht.	[illegible]	[illegible]	%	Phenology
1	Bare		Thalar.	–	–	–	–	–
2				–	–	–	–	–
3				–	–	–	–	–
4				–	–	–	–	–
5				–	–	–	–	–
6				–	–	–	–	–
7				–	–	–	–	–
8	Kuri			1	–	–	100	seedly
9	Bare			–	–	–	–	–
10	Behari			2	–	–	100	seedly
11	Baker			0.5	–	–	100	seedly
12	Kuri			1	–	–	50	dry sprout
13	"			0.5	–	–	100	seedly
14	Baker			0.5	–	–	100	"
15	Bare			–	–	–	–	–
16	"			–	–	–	–	–
17	Kuri			0.5	–	–	100	seedly
18	Bare			–	–	–	–	–
19	lamp			1	–	–	90	grony
20	Baker			0.5	–	–	100	speedy
21	Baker			"	–	–	"	"
22	"			"	–	–	"	"
23	Mirah			8	–	–	75	grony
24	Bare			–	–	–	–	–
25	Bare			–	–	–	–	–
26	"			–	–	–	–	–
27	"			–	–	–	–	–
28	"			–	–	–	–	–
29	"			–	–	–	–	–
30	"			–	–	–	–	–

DATE 18/8/91 LOCATION Outside Sudasari end. 0° OF T. 190° 2° OF V° 280° POINT OF I (12')

Point	Reading	Botanic name	Substrate	Height	Girth	Spread	% green	Phenology	Grazing
1	Bare		Thalam	–	–	–	–	–	
2	"			–	–	–	–	–	
3	"			–	–	–	–	–	
4	"			–	–	–	–	–	
5	"			–	–	–	–	–	
6	"			–	–	–	–	–	
7	"			–	–	–	–	–	
8	"			–	–	–	–	–	
9	"			–	–	–	–	–	
10	Ghantia			2	–	25	–	–	
11	"			3	–	40	–	–	
12	Bare.			–	–	–	–	–	
13				–	–	–	–	–	
14				–	–	–	–	–	
15				–	–	–	–	–	
16				–	–	–	–	–	
17				–	–	–	–	–	
18				–	–	–	–	–	
19				–	–	–	–	–	
20				–	–	–	–	–	
21				–	–	–	–	–	
22				–	–	–	–	–	
23				–	–	–	–	–	
24				–	–	–	–	–	
25				–	–	–	–	–	
26				–	–	–	–	–	
27				–	–	–	–	–	
28				–	–	–	–	–	
29				–	–	–	–	–	
30				–	–	–	–	–	

LOCATION. DATE 18/8/91 L° OF T 190° L° of U. 100° Point of T. (12) 12 L

Overside Sudasari end.

Point	Reading	Botanic Name	Substrate	Ht	Gir.	Spr.	% g.	Phenology	Grazing
1	Bare		Thalar	–	–	–	–	–	
2				–	–	–	–	–	
3				–	–	–	–	–	
4				–	–	–	–	–	
5				–	–	–	–	–	
6				–	–	–	–	–	
7				–	–	–	–	–	
8				–	–	–	–	–	
9				–	–	–	–	–	
10	Mirah			10	–	–	60	grazing	
11	Bare			–	–	–	–	–	
12	"			–	–	–	–	–	
13	"			–	–	–	–	–	
14	Baher			0.5	–	–	100	seedy	
15	Bare			–	–	–	–	–	
16	"			–	–	–	–	–	
17	exposed roots			–	–	–	–	–	
18	Bare			–	–	–	–	–	
19	"			–	–	–	–	–	
20	"			–	–	–	–	–	
21	"			–	–	–	–	–	
22	"			–	–	–	–	–	
23	"			–	–	–	–	–	
24	Ghantia			15	–	50	80	grazing	
25	Kuni			5	–	–	90	flowing	
26	Kuni			3	–	–	100	grazing	
27	Ghantiya			4	–	100	60	grazing	
28	Baher			5	–	–	100	grazing	
29	Bakri			0.5	–	–	100	seedy	
30	Bare			–	–	–	–	–	

LOCATION. DATE 18/8/91 L° OF T 190° L° of U. 280° Point of T. (13)

13 R

outside Sudari enn

Point	Reading	Botanic Name	Substrate	Ht	Gir.	Spr.	% g.	Phenology	Gravy
1	Bare.		Thalar.	–	–	–	–	–	
2	Sinandi			8	–	–	95	flowering.	
3	Bare.			–	–	–	–	–	
4	Kharia			20	–	–	10	dry	
5	Behar			5	–	–	100	gravy	
6	Ghantia			3	–	50	75	gravy	
7	Behar			0.5	–	–	100	seedly	
8	Bare			–	–	–	–	–	
9	Behar			1.5	–	–	100	gravy	
10	"			1.0	–	–	100	seedly	
11	"			1.5	–	–	100	"	
12	Boorda.	Cymbopogon martini		10	–	–	65	gravy	1
13	Behari			3	–	–	95	gravy	
14	Behar			5	–	–	100	gravy	
15	Ghatia.			3	–	50	75	gravy	
16	Behari			1	–	–	100	seedly	
17	Dhahdi			1	–	–	100	"	
18	Behari			1.5	–	–	100	"	
19	Behar			2.0	–	–	100	seedly	
20	Bare			–	–	–	–	–	
21	Kair			2.5	1.3	–	70	flower fruit.	
22	sheep chopping			–	–	–	–	–	
23	Behar			1.5	–	–	100	gravy	
24	Bare			–	–	–	–	–	
25	"			–	–	–	–	–	
26	"			–	–	–	–	–	
27	Baher			1	–	–	100	gravy	
28	Bare			–	–	–	–	–	
29	Baher			1	–	–	100	"	
30	Bare			–	–	–	–	–	

DATE - 18/8/91 LOCATION Outside Sudari end. L° OF T. 190° L° OF V° 100° POINT OF T (B13) L

Point	Reading	Botanic name	Substrate	Height	Girth	Spread	% green	Phenology	Grazing
1	Bare		Thalar	~~20~~	~~1.65~~	—	~~40~~	~~flowing~~	
2	Sewan			20	1.65	—	40	flowing	
3	Bare			—	—	—	—	—	
4	Behar			0.5	—	—	100	seedling	
5	"			"	"	"	"	"	
6	Canal dumping			—	—	—	—	—	
7	lawn			4	—	—	100	growing	
8	Bare			—	—	—	—	—	
9	Bare			—	—	—	—	—	
10	"			—	—	—	—	—	
11	"			—	—	—	—	—	
12	"			—	—	—	—	—	
13	Behari			3	—	—	100	growing	
14	Behar			0.5	—	—	100	spring	
15	Bare			—	—	—	—	—	
16	Behar			0.5	—	—	100	seedling	
17	Sheep dr			—	—	—	—	—	
18	Sheep dr			—	—	—	—	—	
19	Canal			—	—	—	—	—	
20	lawn			20	1m	—	75	growing	
21	lawn			20	0.8m	—	60	"	
22	Bare			—	—	—	—	—	
23	Sheep			—	—	—	—	—	
24	"			—	—	—	—	—	
25	Bare			—	—	—	—	—	
26	"			—	—	—	—	—	
27	"			—	—	—	—	—	
28	Behar			0.5	—	—	100	seedling	
29	lawn			40	4.2	—	80	growing	
30	lawn								

DATE 18/7/91 LOCATION Outside Sudarai end. L° of T. 190° L° of V° 280° POINT OF T (14) 14 R

Point	Reading	Botanic Name	Substrate	Height	Girth	Spread	% green	Phenology	Grazing
1	Bare		Tydal	–	–	–	–	–	
2				–	–	–	–	–	
3				–	–	–	–	–	
4				–	–	–	–	–	
5				–	–	–	–	–	
6				–	–	–	–	–	
7				–	–	–	–	–	
8					–	–	–	–	
9				–	–	–	–	–	
10				–	–	–	–	–	
11				–	–	–	–	–	
12				–	–	–	–	–	
13				–	–	–	–	–	
14				–	–	–	–	–	
15				–	–	–	–	–	
16				–	–	–	–	–	
17				–	–	–	–	–	
18				–	–	–	–	–	
19	↓			–	–	–	–	–	
20	exposed rock			–	–	–	–	–	
21	Marsh			.5	–	–	90	Grey	
22	Bare			–	–	–	–	–	
23	~~Sinarti~~ Bare			~~1~~	–	–	~~100~~	~~1~~	
24	Sinarti			1	–	–	100	Grey	
25	Bare			–	–	–	–	–	
26	"			–	–	–	–	–	
27	"			–	–	–	–	–	
28	"			–	–	–	–	–	
29	"			–	–	–	–	–	
30	"		↓	–	–	–	–	–	

LOCATION. Outside Sudasiani encl. DATE 18/8/91 L° of T 198° L° of U. 100° Point of T. (14)

Point	Reading	Botanic Name	Substrate	Ht	Gir.	Spr.	% g.	Phenology	Grazing
1	Sheep		Thalar	-	-	-	-	-	
2	11			-	-	-	-	-	
3	Bare			-	-	-	-	-	
4	Sheep			-	-	-	-	-	
5	Bare			-	-	-	-	-	
6	11			-	-	-	-	-	
7	11			-	-	-	-	-	
8	Camel			-	-	-	-	-	
9	Bare			-	-	-	-	-	
10	↓			-	-	-	-	-	
11				-	-	-	-	-	
12				-	-	-	-	-	
13				-	-	-	-	-	
14				-	-	-	-	-	
15	Baler			0·5	-	-	100	grazing	
16	kuri			0·5	-	-	100	sprouting	
17	Bare.			-	-	-	-	-	
18	Baler			1	-	-	100	Sprouting	
19	kaup			10	-	-	100	growing	
20	Mirah			3	-	-	100	11	
21	Dhahdi			2	-	-	100	Growing	
22	Bare			-	-	-	-	-	
23	Dhahdi			4	-	-	100	growing	
24	Bare			-	-	-	-	-	
25	11			-	-	-	-	-	
26	Beher			3	-	-	100	growing	
27	Kuri			0·5	-	-	100	growing	
28	Bare			-	-	-	-	-	
29	Bahar			1	-	-	100	growing	
30	Baheri		↓	1	-	-	90	growing	

LOCATION Sudasari 'B' closure DATE 18/8/91 ∠°of T 40° ∠°of U 130° P of T (1)

Point	Reading	Botanic Name	Substrate	Height	Girth	Spread	% G.	Grazy	Phenology
1	Ghantiya		Thalav	2.5	-	25	80	-	grouy
2	Bare.			-	-	-	-	-	-
3	11			-	-	-	-	-	-
4	11			-	-	-	-	-	-
5	11			-	-	-	-	-	-
6	11			-	-	-	-	-	-
7	Baker.		Thalav	3	-	10	100		grouy
8	Bare			-	-	-	-	-	-
9	Bare			-	-	-	-	-	-
10	Bare			-	-	-	-	-	-
11	Sinandi			1	-	-	100		seedly
12	Bare			-	-	-	-	-	-
13	11			-	-	-	-	-	-
14	11			-	-	-	-	-	-
15	Bhangri			5	-	-	0		dead.
16	Bare.			-	-	-	-	-	-
17				-	-	-	-	-	-
18				-	-	-	-	-	-
19				-	-	-	-	-	-
20				-	-	-	-	-	-
21				-	-	-	-	-	-
22				-	-	-	-	-	-
23				-	-	-	-	-	-
24				-	-	-	-	-	-
25	Javer.			15	1.3	-	30	-	-
26	Bare.			-	-	-	-	-	-
27	11			-	-	-	-	-	-
28	11			-	-	-	-	-	-
29	11			-	-	-	-	-	-
30	11			-	-	-	-	-	-

Sudasani 'B'

Point	Reading	B. name	Ht	Grid	Spin	Vol	Planting
1	Bare	Thalar	–	–	–	–	–
2	Kanti		4	–	15	150	grown
3	Bare		–	–	–	–	–
4	Bare		–	–	–	–	–
5	Dhahdi		1	–	7	100	~~Ho~~ Buddy
6	Bare		–	–	–	–	–
7	Behar		3	–	–	100	grown
8	Bare		–	–	–	–	–
9	Unidentified ①		6	–	–	100	grown
10	Bare		–	–	–	–	–
11	Baker		0.5	–	–	100	seedling
12	Bare		–	–	–	–	–
13	Baker		0.5	–	–	100	"
14	①		6	–	–	100	grown
15	Ghantiya		6	–	150	100	grown
16	Bare		–	–	–	–	–
17	Bah		3	–	8	100	grown
18	Ghatiya		5	–	70	90	"
19	Dhahdi		0.5	–	–	100	seedling
20	Bare		–	–	–	–	–
21	"		–	–	–	–	–
22	Bare		–	–	–	–	–
23	Behar		2	–	–	100	grown
24	"		1	–	–	100	"
25	Bare		–	–	–	–	–
26	"		–	–	–	–	–
27	Baker		1	–	–	100	grown
28	Bare		–	–	–	–	–
29	"		–	–	–	–	–
30	"		–	–	–	–	–

LOCATION SUDASARI 'B' DATE 18/8/91 L°of T 40° L°of U 310° R30 P of T 3C 32

Point	Reading	Botanic Name	Substrate	Height	Girth	Spread	% G.	Grazy	Phenology
1	Bare.		Thalar	–	–	–	–	–	–
2				–	–	–	–	–	–
3				–	–	–	–	–	–
4				–	–	–	–	–	–
5				–	–	–	–	–	–
6				–	–	–	–	–	–
7				–	–	–	–	–	–
8				–	–	–	–	–	–
9				–	–	–	–	–	–
10				–	–	–	–	–	–
11				–	–	–	–	–	–
12				–	–	–	–	–	–
13				–	–	–	–	–	–
14	Baher			1.5	–	–	100	–	grow
15	Bare			~~1.5~~	–	–	~~100~~	–	~~grow~~
16	Bare			–	–	–	–	–	
17	Ghatidi			1.0	–	–	100		grow
18	11			11	–	–	11		11
19	Bare.			–	–	–	–	–	
20	Bare			–	–	–	–	–	
21	Baher			0.5	–	–	100	–	seedly
22	Bare			–	–	–	–	–	
23	Bare			–	–	–	–	–	
24	Bare			–	–	–	–	–	
25	Ghantina			3	–	2.0	95	–	flowery
26	Behar			3	–	–	100	–	grow
27	Bare			–	–	–	–	–	
28	Behar			5	–	–	100	–	grow
29	11			11	–	–	11	–	11
30	11			11	–	–	11	–	11

LOCATION: SUDASARI 'B' DATE 18/8/91 ∠° of Γ 40° ∠° of V 130° P. of T. 3R 3R

Point	Reading	B. Name	Substrate	Ht	Gir.	Sp.	%G.	Plenty	Spray
1	Bare		Thalar	–	–	–	–	–	
2				–	–	–	–	–	
3				–	–	–	–	–	
4				–	–	–	–	–	
5				–	–	–	–	–	
6				–	–	–	–	–	
7				–	–	–	–	–	
8				–	–	–	–	–	
9				–	–	–	–	–	
10				–	–	–	–	–	
11				–	–	–	–	–	
12				–	–	–	–	–	
13				–	–	–	–	–	
14				–	–	–	–	–	
15				–	–	–	–	–	
16				–	–	–	–	–	
17				–	–	–	–	–	
18				–	–	–	–	–	
19				–	–	–	–	–	
20				–	–	–	–	–	
21				–	–	–	–	–	
22				–	–	–	–	–	
23				–	–	–	–	–	
24				–	–	–	–	–	
25				–	–	–	–	–	
26				–	–	–	–	–	
27				–	–	–	–	–	
28				–	–	–	–	–	
29	Sewan			25	1:10	–	75	Plenty	
30	Dhaincli			5	–	–	100	Spray	

Sudarai - 'B' — 15/8/91 — 40° — Co of V 130° — 2 R

2 R

Point	Reading	Botanic Name	Substrate	Height	Girth	Spread	% G.	Grazy	Phenology
1	Bare.		Malar	~~25~~	–	–	–	–	dead
2				–	–	–	–	–	–
3				–	–	–	–	–	–
4				–	–	–	–	–	–
5				–	–	–	–	–	–
6				–	–	–	–	–	–
7				–	–	–	–	–	–
8				–	–	–	–	–	–
9				–	–	–	–	–	–
10				–	–	–	–	–	–
11				–	–	–	–	–	–
12				–	–	–	–	–	–
13				–	–	–	–	–	–
14				–	–	–	–	–	–
15				–	–	–	–	–	–
16	↓			–	–	–	–	–	–
17	Kharmia			25	–	–	0	–	dead
18	Bare.			–	–	–	–	–	–
19	11			–	–	–	–	–	–
20	11			–	–	–	–	–	–
21	11			–	–	–	–	–	–
22	11			–	–	–	–	–	–
23	Sewan			8	0-45	–	0	–	dead.
24	Bare			–	–	–	–	–	dead
25	11			–	–	–	–	–	–
26	11			–	–	–	–	–	–
27	11			–	–	–	–	–	–
28	11			–	–	–	–	–	–
29	11			–	–	–	–	–	–
30	11			–	–	–	–	–	–

LOCATION: Sudasari 'B' DATE 18/8/91 L°of T 40° L°of U 310° P. of T. 2C

2C

Unit	Reading	B. Name	Substrate	Ht	Gr.	Spr.	%G.	Phenology	Grazy
1	Bare		Malar	6	-	-	0	~~dead~~ -	
2				-	-	-	-	-	
3				-	-	-	-	-	
4				-	-	-	-	-	
5				-	-	-	-	-	
6				-	-	-	-	-	
7				-	-	-	-	-	
8	Sewan			6	0.45	-	0	dead	
9	Bare			-	-	-	-	-	
10				-	-	-	-	-	
11				-	-	-	-	-	
12				-	-	-	-	-	
13				-	-	-	-	-	
14				-	-	-	-	-	
15	exposed rocky			-	-	-	-	-	
16	Bare			-	-	-	-	-	
17				-	-	-	-	-	
18				-	-	-	-	-	
19				-	-	-	-	-	
20				-	-	-	-	-	
21				-	-	-	-	-	
22				-	-	-	-	-	
23				-	-	-	-	-	
24				-	-	-	-	-	
25				-	-	-	-	-	
26				-	-	-	-	-	
27				-	-	-	-	-	
28				-	-	-	-	-	
29				-	-	-	-	-	
30				-	-	-	-	-	

LOCATION Sudasari 'B' DATE 18/8/91 L° of T 40 L° of U 130 P of T (4) 4 R

Point	Reading	Botanic Name	Substrate	Height	Girth	Spread	% G.	Grazy	Phenology
1	Bare.		Magra "	—	—	—	—		—
2				—	—	—	—		—
3				—	—	—	—		—
4				—	—	—	—		—
5				—	—	—	—		—
6				—	—	—	—		—
7				—	—	—	—		—
8				—	—	—	—		—
9				—	—	—	—		—
10	Iana		Thalar	40	1.30	~~1.30~~	90		grow
11	Sewan		Thalar	16	0.50	—	40		flowy
12	Bare			—	—	—	—		—
13	"			—	—	—	—		—
14	"			—	—	—	—		—
15	"			—	—	—	—		—
16	"			—	—	—	—		—
17	"			—	—	—	—		—
18	"			—	—	—	—		—
19	"			—	—	—	—		—
20	"			—	—	—	—		—
21	Ghantiya		Thalar	1	.50	—	80		grow
22	Bare			—	—	—	—		—
23				—	—	—	—		—
24				—	—	—	—		—
25				—	—	—	—		—
26				—	—	—	—		—
27				—	—	—	—		—
28				—	—	—	—		—
29				—	—	—	—		—
30				—	—	—	—		—

LOCATION. DATE 18/8/91 ∠° of T 40° ∠° of U 310° P. of T. 4

Sudarani 'B'

Point	Reading	B. Name	Substrate	Ht	Gir.	Spr.	%G.	Phenology	Grazy
1	Bare		Magra	–	–	–	–	–	
2				–	–	–	–	–	
3				–	–	–	–	–	
4				–	–	–	–	–	
5				–	–	–	–	–	
6				–	–	–	–	–	
7				–	–	–	–	–	
8				–	–	–	–	–	
9				–	–	–	–	–	
10	Bare		Magra	–	–	–	–	–	
11	Kanti		Thalan	0.5	–	5	–	gray	
12	Bare.		Thalan	–	–	–	–	–	
13	Bare.			–	–	–	–	–	
14				–	–	–	–	–	
15				–	–	–	–	–	
16				–	–	–	–	–	
17				–	–	–	–	–	
18				–	–	–	–	–	
19				–	–	–	–	–	
20				–	–	–	–	–	
21				–	–	–	–	–	
22	Lahn			19	1.3	–	90	gray	
23	Bare		Magra	–	–	–	–	–	
24				–	–	–	–	–	
25				–	–	–	–	–	
26				–	–	–	–	–	
27				–	–	–	–	–	
28				–	–	–	–	–	
29				–	–	–	–	–	
30				–	–	–	–	–	

LOCATION. DATE 6° of T 40° Lpoot U. 310° Point of T. (5)

Sudarsan 'B' 18/8/91

Point	Reading	Botanic Name	Substrate	Ht	Gir.	Spr.	% G.	Phenology	Grazing
1	Bare		Thalo.	—	—	—	—	—	
2	"			—	—	—	—	—	
3				—	—	—	—	—	
4				—	—	—	—	—	
5				—	—	—	—	—	
6				—	—	—	—	—	
7				—	—	—	—	—	
8				—	—	—	—	—	
9				—	—	—	—	—	
10				—	—	—	—	—	
11				—	—	—	—	—	
12				—	—	—	—	—	
13	Chinhara midden			—	—	—	—	—	
14	Bare			—	—	—	—	—	
15				—	—	—	—	—	
16				—	—	—	—	—	
17				—	—	—	—	—	
18				—	—	—	—	—	
19				—	—	—	—	—	
20				—	—	—	—	—	
21				—	—	—	—	—	
22				—	—	—	—	—	
23	Cattle			—	—	—	—	—	
24	Bare			—	—	—	—	—	
25				—	—	—	—	—	
26				—	—	—	—	—	
27				—	—	—	—	—	
28				—	—	—	—	—	
29				—	—	—	—	—	
30	Behar			1	—	—	100	any	

DATE 18/8/91 LOCATION SUDASARI 'B' L° OF T. 40° L° OF V° 130° POINT OF T 5 R

Point	Reading	Botanic Name	Substrate	Height	Girth	Spread	% green	Phenology	Grazing
1	Bare.		Talav.	-	-	-	-	-	
2	↓		↓	-	-	-	-	-	
3				-	-	-	-	-	
4				-	-	-	-	-	
5	↓		Boothadi	-	-	-	-	-	
6	Equeeding		↓	-	-	-	-	-	
7	Bare			-	-	-	-	-	
8				-	-	-	-	-	
9	Ghantiya.			6	-	15	100	grey	
10	Gantia			5	-	30	90	grey	
11	Bare			-	-	-	-	-	
12	11			-	-	-	-	-	
13	11			-	-	-	-	-	
14	11			-	-	-	-	-	
15	11			-	-	-	-	-	
16	11			-	-	-	-	-	
17	Dhahedi			2	-	8	100	grey	
18	Bare			-	-	-	-	-	
19	11			-	-	-	-	-	
20	11			-	-	-	-	-	
21	Ghantiya			15	-	80	100	grey	
22	Bare			-	-	-	-	-	
23	↓			-	-	-	-	-	
24				-	-	-	-	-	
25				-	-	-	-	-	
26				-	-	-	-	-	
27				-	-	-	-	-	
28	Sheep			-	-	-	-	-	
29	Ghantiya			8	-	100	90	grey	
30	Bare		↓	-	-	-	-	-	

LOCATION SUDASARI 'B' DATE 18/8/91 L° of T 40° L° of U 310° P of T (6) 6 L

Point	Reading	Botanic Name	Interpreted	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Phenology
1	Camel		Thalar	—	—	—	—	—	
2	Ghantiya		"	3	—	L/m ~~75~~	75	—	flowy
3	Sewan			8	15	~~15~~ ~~60~~	60	2	growy
4	Behar			5	—	—	100		growy
5	Ghantiya			5	—	l/m	90		"
6	Bare			—	—	—	—		—
7	Ghantiya			5	—	l/m	90		growy
8	"			"	—	"	"		~~—~~ "
9	"			"	—	"	"		~~—~~ "
10	Behari			3	—	—	— 100		growy
11	Bare.			—	—	—	— —		—
12	Bare			—	—	—	— —		—
13	"			—	—	—	— —		—
14	Sewan			18	·60	—	— 50	1	Flowy
15	Bare			—	—	—	— —		—
16	Ghatiya			5	—	l/m	90		Flowy
17	Kharniya			30	0·90	~~0·90~~	75		—
18	Bare.			—	—	—	—		—
19	"			—	—	—	—		—
20	Baher			5	—	—	100		—
21	Ghantiya			10	—	f/m	95		flowy
22	Sinandi			<0·5	—	—	100		seedling
23	Baher			0·5	—	—	100		seedling
24	"			"	—	—	"		"
25	Behari			8	—	—	100		fruit
26	lamp			15	—	—	100		Flowy
27	Behar			5	—	—	100		growy
28	Bare			—	—	—	—		—
29	Beher			5	—	—	100		—
30	Ghantiya			10	—	l/m	100		—

LOCATION: SUDASARI 'B' DATE 18/8/91 L° of T 40° L° of U 130° P. of T. (6)

6 R

Point	Reading	B. Name	Substrate	Ht	Gr.	Spr.	%cg.	Phenology	Grazy
1	Ghantiya.		Thalav	5	–	1m	90	flow ~~frog~~	
2	11		11	11	1	11	11	11	
3	Bare.			–	–	–	–	–	
4	11			–	–	–	–	–	
5	11			–	–	–	–	–	
6	Kair			3m	0·45	–	85	flow fruit	
7	Bare			–	–	–	–	–	
8	Bare			–	–	–	–	–	
9				–	–	–	–	–	
10				–	–	–	–	–	
11				–	–	–	–	–	
12				–	–	–	–	–	
13				–	–	–	–	–	
14				–	–	–	–	–	
15				–	–	–	–	–	
16				–	–	–	–	–	
17				–	–	–	–	–	
18				–	–	–	–	–	
19				–	–	–	–	–	
20				–	–	–	–	–	
21				–	–	–	–	–	
22				–	–	–	–	–	
23				–	–	–	–	–	
24				–	–	–	–	–	
25				–	–	–	–	–	
26				–	–	–	–	–	
27				–	–	–	–	–	
28	Ghantiya			65	–	7.50	75+	flow	
29	11			11	–	11	11	11	
30	11			11	–	11	11	11	

Date 19/8/91 | Location SUDASARI 'B' | Pot. T 14C | L of V. 310° | 14 L

Point	Reading	B. Name	Substrate	Ht	Gir	Spr.	% G.	~~B. Name~~ Phenology	Gray
1	Bare		Thalar	–	–	–	–	–	
2	"			–	–	–	–	–	
3	Ghantiya			8	–	2.5m	95	flowing	
4	Bare			–	–	–	–	–	
5	LAnen			40	2.40		70	gray	
6	Behar			4	–	–	100	gray	
7	lanen			40	2.50	–	70	"	
8	Behar			0.5	–	–	100	"	
9	Ghatitiya			1	–	0.80	90	–	
10	Bare			–	–	–	–	–	
11	Sewan			4	–	–	95	sprouting	
12	Bare			–	–	–	–	–	
13	Kanti			1	–	–	100	grow	
14	Sewan			70	0.84	–	95	flow	2
15	Behar			0.5	–	–	100	sprouting	
16	Dhahdi			"	–	–	"	"	
17	Bare			–	–	–	–	–	
18	Dhahdi			0.5	–	–	100	growing	
19	Bare			–	–	–	–	–	
20	"			–	–	–	–	–	
21	~~Behar~~ Bare			~~4~~	–	–	~~100~~	~~grow~~	
22	Behar			4	–	–	100	grow	
23	Bare			–	–	–	–	–	
24	Bare			–	–	–	–	–	
25	Bare			–	–	–	–	–	
26	"			–	–	–	–	–	
27	"			–	–	–	–	–	
28	Behar			1.5	–	–	100	Grow	
29	Sewan			10	0.55	–	95	grow	2
30	Mirah			10	–	–	100	flowing	

Date 19/8/91 | Location SUDASARI 'B' | ∠° of T 40° | ∠° of V 130° | P of T 14 R | 14 R

Point	Reading	B Name	Substrate	Ht	Gir.	Spr.	% G.	Phenology	Grazing
1	Bare		Thalar	–	–	–	–	–	
2	Behar			0.5	–	–	100	grey	
3	"			2.5	–	–	100	"	
4	Bare			–	–	–	–	–	
5	"			–	–	–	–	–	
6	"			–	–	–	–	–	
7	Ghantiya			8	–	–	15	grey	
8	Bare			–	–	–	–	–	
9	"			–	–	–	–	–	
10	"			–	–	–	–	–	
11	"			–	–	–	–	–	
12	"			–	–	–	–	–	
13	Behar			4	–	–	100	grey	
14	Bare			–	–	–	–	–	
15	"			–	–	–	–	–	
16	Behar			0.5	–	–	100	grey	
17	Bare			–	–	–	–	–	
18	"			–	–	–	–	–	
19	Ghantiya			1	–	0.35	75	grey	
20	Bare			–	–	–	–	–	
21	Bare			–	–	–	–	–	
22	Behar			0.5	–	–	100	seedling	
23	Bare			–	–	–	–	–	
24	Bare			–	–	–	–	–	
25	Dhahdi			1	–	15	100	grey	
26	"			2.5	–	"	"	"	
27	Bare			–	–	–	–	–	
28	Dhahdi			2.5	–	8	100	"	
29	Bare			–	–	–	–	–	
30	"			–	–	–	–	–	

Date 14/8/91 | Location SUDASARI 'B' | ∠° of T 40° | ∠° of V 130° | Pot T. 13R | 13R

Point	Reading	B Name	Substrate	Ht	Gir.	Spr.	%g.	Phenology	Grazing
1	Ghatiya		Thala	5	-	1.75	90	grey	
2	Bare			-	-	-	-	-	
3	"			-	-	-	-	-	
4	"			-	-	-	-	-	
5	Ghatiya			4	-	0.50	90	FI	
6	Bare			-	-	-	-	-	
7	Cond dung			-	-	-	-	-	
8	Bare			-	-	-	-	-	
9	↓			-	-	-	-	-	
10				-	-	-	-	-	
11				-	-	-	-	-	
12				-	-	-	-	-	
13				-	-	-	-	-	
14	Ghatiya			8	-	0.50	75	grey	
15	Bare			-	-	-	-	-	
16	↓			-	-	-	-	-	
17				-	-	-	-	-	
18				-	-	-	-	-	
19				-	-	-	-	-	
20				-	-	-	-	-	
21				-	-	-	-	-	
22	Dhaudi			0.5	-	-	100	grey	
23	Ghatiya			1.5	-	-	100	grey	
24	Bare			-	-	-	-	-	
25	"			-	-	-	-	-	
26	"			-	-	-	-	-	
27	Bare			-	-	-	-	-	
28	Ghatiya			3	-	0.85	90	grey	
29	Bare			-	-	-	-	-	
30	Bare			-	-	-	-	-	

Date 19/8/91 | Location SUDASARI 'B' | Pot. T 13 L | Lot V. 310°

Point	Reading	B. Name	Substrate	Ht	Gir	Spr.	% G.	Phenology B. Name	Gray
1	Bare		Thalar	3	–	0.25	90	gray	
2	Dhahda ⓦ			–	–	–	–	–	
3	Bare.			–	–	–	–	–	
4	〃			–	–	–	–	–	
5	〃			–	–	–	–	–	
6	〃			–	–	–	–	–	
7	〃			–	–	–	–	–	
8	〃			–	–	–	–	–	
9	〃			–	–	–	–	–	
10	〃			–	–	–	–	–	
11	〃			–	–	–	–	–	
12	Ghatiya.			15	–	1.5m	75	Flowing	
13	Mirah			5	–	–	95	gray	
14	Bare			–	–	–	–	–	
15	Behar			0.5	–	–	100	seedly	
16	〃			〃	–	–	〃	〃	
17	〃			〃	–	–	〃	〃	
18	Dhahdi			〃	–	–	〃	〃	
19	Bare.			–	–	–	–	–	
20	〃			–	–	–	–	–	
21	Behar			1	–	–	100	seedy	
22	〃			2.5	–	–	100	grow	
23	Bare			–	–	–	–	–	
24	〃			–	–	–	–	–	
25	〃			–	–	–	–	–	
26	〃			–	–	–	–	–	
27	Mirah			5	–	–	100	flow	
28	Bare			–	–	–	–	–	
29	Dhahdi			2	–	5	100	grey	
30	Bare.			–	–	–	–	–	

Date 19/8/91 | Location SUNDARI 'B' | ∠° of T 40° | ∠° of V 130° | Pot T. 12 R

Point	Reading	B Name	Substrate	Ht	Gir.	Spr.	% of	Phenology	Grazing
1	Bare		Mala	–	–	–	–	–	–
2	〃			–	–	–	–	–	
3	〃			–	–	–	–	–	
4	〃			–	–	–	–	–	
5	〃			–	–	–	–	–	
6	〃			–	–	–	–	–	
7	〃			–	–	–	–	–	
8	〃			–	–	–	–	–	
9	〃			–	–	–	–	–	
10	Dhaincha			0·5	–	–	100	Spraty	
11	Bare			–	–	–	–	–	
12	Baker			0·5	–	–	〃	〃	
13	Dhaincha			2	–	–	100	grey	
14	Bare			–	–	–	–	–	
15	〃			–	–	–	–	–	
16	〃			–	–	–	–	–	
17	Baker			0·5	–	–	100	grey	
18	Behar			1·5	–	–	〃	〃	
19	〃			0·5	–	–	〃	Spraty	
20	〃			〃	–	–	〃	〃	
21	Bare			–	–	–	–	–	
22	〃			–	–	–	–	–	
23	〃			–	–	–	–	–	
24	Behar			0·5	–	–	100	grey	
25	〃			1·5	–	–	100	〃	
26	Bare			–	–	–	–	–	
27	〃			–	–	–	–	–	
28	Behar			0·5	–	–	100	grey	
29	Bare			–	–	–	–	–	
30	Behar			0.5	–	–	〃	〃	

Date 19/8/91 | Location SUDASARI - B' | Pot. T 12 L | Lot V. 310° | 12 L

Point	Readily	B. Name	Substrate	Ht	Cir	Spr.	% G.	Phenolog B Alpha	Gravy
1	Behar		Thalan	0·5	-	-	100	Steady	
2	Bare			-	-	-	-	-	
3	Bare			-	-	-	-	-	
4	11			-	-	-	-	-	
5	Behar			1·5	-	-	100	gravy	
6	Bare			-	-	-	-	-	
7	11			-	-	-	-	-	
8	11			-	-	-	-	-	
9	11			-	-	-	-	-	
10	11			-	-	-	-	-	
11	Behar			0·5	-	-	100	seedly	
12	Bare			-	-	-	-	-	
13	Behar			1	-	-	100	seedly	
14	Bare			-	-	-	-	-	
15	11			-	-	-	-	-	
16	11			-	-	-	-	-	
17	11			-	-	-	-	-	
18	Bare			-	-	-	-	-	
19				-	-	-	-	-	
20				-	-	-	-	-	
21				-	-	-	-	-	
22				-	-	-	-	-	
23				-	-	-	-	-	
24				-	-	-	-	-	
25				-	-	-	-	-	
26				-	-	-	-	-	
27				-	-	-	-	-	
28				-	-	-	-	-	
29	Kanti			5	-	·40	95	gravy	
30	Bare.			-	-	-	-	-	

19/8/91 SUNDARI 'B' 40° 130° IIR

IIR

Point	Reading	B. Name	Substrate	Ht	Gir.	Spr.	%G.	Phenology	Grass
1	Sinia/chag		Phalan	50	-	-	50	grass	
2	Behar			1	-	-	100	grass	
3	ghantiya			5	-	-	90	grass	
4	Bekuri			4	-	-	100	flow	
5	Bare			-	-	-	-	-	
6	Dhandi			2	-	-	100	grass	
7	ghantiya			3	-	-	80	"	
8	"			2	-	-	100	spmty	
9	Bare			-	-	-	-	-	
10	Behar			1	-	-	100	seedly	
11	Ghantiya			10	-	-	75	flow	
12	Behar			0.5	-	-	100	seedy	
13	"			0.5	-	-	100	"	
14	Ghantiya			15	-	2m	80	grass	
15	Bare			-	-	-	-	-	
16				-	-	-	-	-	
17				-	-	-	-	-	
18				-	-	-	-	-	
19				-	-	-	-	-	
20				-	-	-	-	-	
21				-	-	-	-	-	
22				-	-	-	-	-	
23				-	-	-	-	-	
24				-	-	-	-	-	
25				-	-	-	-	-	
26				-	-	-	-	-	
27				-	-	-	-	-	
28				-	-	-	-	-	
29				-	-	-	-	-	
30				-	-	-	-	-	

DATE	LOCATION	LO of T	LO of U	P. of T.	11C
19/8/91	SUDASARI "B"	40°	310°	11C	

Point	Reading	B. Name	Substrate	Ht	Err	Spr.	% G.	Phenology	Group
1	Bare		Thalar	–	–	–	–	–	
2				–	–	–	–	–	
3	Behar			0.5	–	–	100	Seedy	
4	Dhakdi			1	–	10	100	gray	
5	Dhamiai			20	–	–	95	budding	
6	Dhakdi			0.5	–	–	100	seedly	
7	Bare			–	–	–	–	–	
8	"			–	–	–	–	–	
9	"			–	–	–	–	–	
10	Behar			0.5	–	–	100	gray	
11	Bare			–	–	–	–	–	
12	Ghutiyan			15	–	2m	~~2m~~ 75	flowy	
13	Bare			–	–	–	–	–	
14	"			–	–	–	–	–	
15				–	–	–	–	–	
16	Behar			1	–	–	to 100	gray	
17	Bare			–	–	–	–	–	
18	"			–	–	–	–	–	
19	"			–	–	–	–	–	
20	"			–	–	–	–	–	
21	"			–	–	–	–	–	
22	"			–	–	–	–	–	
23	"			–	–	–	–	–	
24	"			–	–	–	–	–	
25	"			–	–	–	–	–	
26	"			–	–	–	–	–	
27	"			–	–	–	–	–	
28	"			–	–	–	–	–	
29	Ghutiyan			15	–	1.5	70	flowy	
30	Bare			–	–	–	–	–	

Date	Location	L° of T	L° of V	P of T.	
19/8/91	SUDASARI 'B'	40°	310°	10 L	10 L

Point	Reading	B Name	Substrate	Ht	Gir.	Spr.	%G.	Phenology	Grazing
1	Ghantya		Thalar	20	–	050	90	grown	
2	Bare			–	–	–	–	–	
3	"			–	–	–	–	–	
4	"			–	–	–	–	–	
5	"			–	–	–	–	–	
6	"			–	–	–	–	–	
7	"			–	–	–	–	–	
8	"			–	–	–	–	–	
9	"			–	–	–	–	–	
10	"			–	–	–	–	–	
11	Ghantiya			3	–	040	70	grown	
12	Bare			–	–	–	–	–	
13	"			–	–	–	–	–	
14	"			–	–	–	–	–	
15	"			–	–	–	–	–	
16	"			–	–	–	–	–	
17	Ghantya			10	–	–	80	grown	
18	"			15	–	–	71	"	
19	Bare			–	–	–	–	–	
20	"			–	–	–	–	–	
21	Dhahdi			0.5	–	–	100	seedly	
22	Bare			–	–	–	–	–	
23	"			–	–	–	–	–	
24	"			–	–	–	–	–	
25	"			–	–	–	–	–	
26	Behar			0.5	–	–	100	seedly	
27	Bare			–	–	–	–	–	
28	"			–	–	–	–	–	
29	Dhahdi			0.5	–	–	100	seedly	
30	Bare			–	–	–	–	–	

Date 19/8/91 | Location SUDASARI 'B' | Pot. T ~~40°~~ 10R | Lot V. 130° | 10 R

Point	Reading	B. Name	Substrat	Ht	Gir	Spr	% G	Phenology ~~B. Name~~	Group
1	~~Bore~~ Khirp		Thalam	130	1.2	–	90	~~grey~~ fruit / flow	
2	Bore			–	–	–	–	–	
3	" "			–	–	–	–	–	
4	"			–	–	–	–	–	
5	"			–	–	–	–	–	
6	Ghantiya			3	–	0.75	~~0.75~~ 75	grey	
7	Dhukali			0.5	–	–	100	seedling	
8	Bore			–	–	–	–	–	
9	Baher			0.5	–	–	100	seedling	
10	Bore			–	–	–	–	–	
11	"			–	–	–	–	–	
12	Behar			0.5	–	–	100	seedling	
13	Bore			–	–	–	–	–	
14	Bore			–	–	–	–	–	
15	Sewan			10	0.38	–	100	grey	2
16	Bore			–	–	–	–	–	
17	Ghatiya			5	–	1m	75	grey	
18	Bore			–	–	–	–	–	
19	"			–	–	–	–	–	
20	"			–	–	–	–	–	
21	Ghantiya			5	–	1m	75	grey	
22	Bore			–	–	–	–	–	
23	"			–	–	–	–	–	
24	Ghatiya			8	–	.50	50	grey	
25	Bore			–	–	–	–	–	
26	"			–	–	–	–	–	
27	"			–	–	–	–	–	
28	Behar			0.5	–	–	100	seedling	
29	Dhakdi			5	–	–	100	Grey	
30	Bore.			–	–	–	–	–	

19/8/91 SUDASARI 'B' 40° 130° P. of T. 9R

Point	Reading	B. Name	Substrate	Ht	Gir	Spr.	%G.	Phenology	Grazy
1	Bare		Boothead	-	-	-	-	-	
2	11			-	-	-	-	-	
3	11			-	-	-	-	-	
4	11			-	-	-	-	-	
5	exposed rocks			-	-	-	-	-	
6				-	-	-	-	-	
7	Ghaton			5	-	0.25	95	Gray	
8	Bare			-	-	-	-	-	
9	11			-	-	-	-	-	
10	11			-	-	-	-	-	
11	11			-	-	-	-	-	
12	Sewan			18	1.10	-	90	Gray	2
13	Bare			-	-	-	-	-	
14	11			-	-	-	-	-	
15	11			-	-	-	-	-	
16	11			-	-	-	-	-	
17	11			-	-	-	-	-	
18	11			-	-	-	-	-	
19	11			-	-	-	-	-	
20	11			-	-	-	-	-	
21	11			-	-	-	-	-	
22	Ghatiya			20	-	0.75	90	Hay	
23	11			15	-	0.60	80	+ Gray	
24	11			1.		11	11	11	
25	Bare			-	-	-	-	-	
26	11			-	-	-	-	-	
27	Sewan			15	044	-	80	Gray	2
28	Bare			-	-	-	-	-	
29	11			-	-	-	-	-	
30	Ghatiya			25	-	1.0	80	Hay	

19/8/91 SUDASARI 'B' 40° 310° 9C 9C

Dist	Reading	B. Name	Substrate	Ht	Gir.	Spr.	%G.	Phenology	Grazy
1	Iqwa		Boothal	75	12cm	–	90	grn	
2	Bare			–	–	–	–	–	
3	Ghattiya			20	–	.50	90	flowy	
4	Bare			–	–	–	–	–	
5				–	–	–	–	–	
6	Iqwa			75	11	–	80	grouy	
7				–	–	–	–	–	
8	Bare			–	–	–	–	–	
9	"			–	–	–	–	–	
10	"			–	–	–	–	–	
11	"			–	–	–	–	–	
12	Ghattiya			6	–	.60	75	flowy	
13	Bare			–	–	–	–	–	
14	Bare			–	–	–	–	–	
15	"			–	–	–	–	–	
16	"			–	–	–	–	–	
17	"			–	–	–	–	–	
18	"			–	–	–	–	–	
19	"			–	–	–	–	–	
20	Ghattiya.			15	–	–	50	Grn	
21	Bare			–	–	–	–	–	
22	Ghattiya			8	–	–	75	grouy	
23	Bare			–	–	–	–	–	
24	Iqwa			25	–	–	100	flowy	
25	Dhaincha			2	–	12	100	grn	
26	Bare			–	–	–	–	–	
27	"			–	–	–	–	–	
28	Bare			~~8~~	–	–	–	–	
29	(1)			8	–	–	100	grn	
30	Bare			–	–	–	–	–	

19/8/91 SUDASAR 'B' 40° ∠° of ∪ ~~130~~ 310° 8 ∠ 8 ∠

Point	Reading	B. Name	Substrate	Ht	Gr.	Spr.	%G.	Phenology	Gray
1	Bare		Thalar	–	–	–	–	–	
2				–	–	–	–	–	
3				–	–	–	–	–	
4				–	–	–	–	–	
5				–	–	–	–	–	
6				–	–	–	–	–	
7				–	–	–	–	–	
8				–	–	–	–	–	
9				–	–	–	–	–	
10				–	–	–	–	–	
11				–	–	–	–	–	
12	Ghantiya		Thalar	3	–	0.75	85	gray	
13	Behar			1	–	–	100	sealy	
14	Bare			–	–	–	–	–	
15	Dhahdi			3	–	–	100	gray	
16	Bare			–	–	–	–	–	
17				–	–	–	–	–	
18				–	–	–	–	–	
19				–	–	–	–	–	
20				–	–	–	–	–	
21				–	–	–	–	–	
22	Behar			2	–	–	100	gray	
23	Sewan			52	1.45	–	60	flowy	
24	Behar			3	–	–	100	gray	
25	Ghantiya			15	–	.50	80	flowy	
26	Bare			–	–	–	–	–	
27	Bare			–	–	–	–	–	
28	"			–	–	–	–	–	
29	"			–	–	–	–	–	
30	"			–	–	–	–	–	

DATE 19/8/91 — SUDASARI 'B' — 2 of 1 — 40° — 2 of 1 — 130° — P. of 1. — 8R — 4R

Point	Reading	B. Name	Substrate	Ht	Gir	Spr.	% G.	Phenology	Gracy
1	Bare		Talav	-	-	-	-	-	
2	"			-	-	-	-	-	
3	"			-	-	-	-	-	
4	"			-	-	-	-	-	
5	"			-	-	-	-	-	
6	"			-	-	-	-	-	
7	Behar			0.5	-	-	100	seedy	
8	Bare			-	-	-	-	-	
9	"			-	-	-	-	-	
10	Behar			0.5	-	-	100	seedy	
11	Bare.			-	-	-	-	-	
12	lana.			85	8.45	-	80	grown	
13				-	-	-	-	-	
14	Bare			-	-	-	-	-	
15	"			-	-	-	-	-	
16	Behar			0.5	-	-	100	seedy	
17	Bare			-	-	-	-	-	
18	laver			50	5.35	-	75	grown	
19	Bare			-	-	-	-	-	
20	"			-	-	-	-	-	
21	Sewan			35	1.2	-	40	flown	
22	Bare.			-	-	-	-	-	
23	lan			20	1.05	-	0	dead	
24	laver			40	3.35	-	50	grown	
25				-	-	-	-	-	
26	laver			60	2.95	-	60	grown	
27	Bare			-	-	-	-	-	
28	"			-	-	-	-	-	
29	"			-	-	-	-	-	
30	"			-	-	-	-	-	

DATE 19/8/91 LOCATION SUDABARI 'B' L° of T 40° L° OF U 130° P. of T. 7R

Point	Reading	B. Name	Substrate	Ht	Gir	Spr.	%G.	Phenology	Grazy
1	Bare		Boothead	–	–	–	–	–	
2	"			–	–	–	–	–	
3	"			–	–	–	–	–	
4	"			–	–	–	–	–	
5	Behan			1.5	–	–	100	seedling	
6	Bare			–	–	–	–	–	
7	Dhandi			4	–	8	100	grow	
8	Sewan			78	050	–	75	flowy	1
9	Bare			–	–	–	–	–	
10	~~Ghantiya~~ Bare			~~3~~ –	–	–	–	–	
11	Ghantiya			3		1.5m	70	grow	
12	Bare			–	–	–	–	–	
13	Sewan			35	1cm	~~too~~	50	grow	1
14	Bare			–	–	–	–	–	
15	"			–	–	–	–	–	
16	Sewan			20	.35m	–	60	flowy	1
17	Bare			–	–	–	–	–	
18	"			–	–	–	–	–	
19	"			–	–	–	–	–	
20	"			–	–	–	–	–	
21	Sewan			25	1.6	–	75	flowy	1
22	Bare			–	–	–	–	–	
23	"			–	–	–	–	–	
24	Sewan			22	0.75	–	50	grow	2
25	Bare			–	–	–	–	–	
26	"			–	–	–	–	–	
27	Sewan			30	0.75	–	80	flowy	1
28	Bare			–	–	–	–	–	
29	Behan			5	–	–	100	grow	
30	Bare			–	–	–		–	

Date 19/8/91 SUDASARI 'B' 40° Lot V. 310° P.O.T. 7L

Point	Reading	B. Name	Substrate	Ht	Grv.	Spr.	%G.	Physiology	Grow
1	Bare		Boothad	-	-	-	-	-	-
2	Bare.		"	-	-	-	-	-	-
3	kair		"	2.5	1.10	-	75	fruit / flow	
4	Bare.			-	-	-	-	-	
5	"			-	-	-	-	-	
6	"			-	-	-	-	-	
7	Ghatiwa			3	-	-	80	grow	
8	"			5	-	15	75	grow	
9	Bare			-	-	-	-	-	
10	"			-	-	-	-	-	
11	exposed rock			-	-	-	-	-	
12	Bare.			-	-	-	-	-	
13	Ghantiya.			4	-	60 cm	70	grow	
14	Bare			-	-	-	-	-	
15	"			-	-	-	-	-	
16	exposed rock			-	-	-	-	-	
17	Ghantiya.			3	-	50	70	grow	
18	Bare.			-	-	-	-	-	
19	"			-	-	-	-	-	
20	"			-	-	-	-	-	
21	"			-	-	-	-	-	
22	"			-	-	-	-	-	
23	"			-	-	-	-	-	
24	kair.			3.5m	low	-	50	fruit	
25	Ghantiya.			3	-	0.75	75	grow	
26	Behar			0.5	-	-	low	seedy	
27	Bare			-	-	-	-	-	
28	"			-	-	-	-	-	
29	Ghantiya.			4	-	2m	-	-	
30	Bare			-	-	-	-	-	

Date 20/8/91 | loc. SUDASARI "A" | Loot T. | Lot U | Pot t. 1L | 1L

Point	Reading	B. Name	Substrate	Ht	Gr.	Spr.	% G.	Rtie	Gr.
1	Behari		Thalar	0.5	–	–	100	grassy	
2	Bare			–	–	–	–	–	
3	"			–	–	–	–	–	
4	"			–	–	–	–	–	
5	"			–	–	–	–	–	
6	"			–	–	–	–	–	
7	"			–	–	–	–	–	
8	"			–	–	–	–	–	
9	Behar			0.5	–	–	100	seedling	
10	Kuni			0.5	–	–	100	"	
11	Behar			0.5	–	–	100	"	
12	Behar			1.5	–	–	100	grassy	
13	Bare			–	–	–	–	–	
14	Bhangri			4	–	–	0	dead.	
15	Bangri			3	–	–	100	seedling	
16	Bare			–	–	–	–	–	
17	"			–	–	–	–	–	
18	"			–	–	–	–	–	
19	"			–	–	–	–	–	
20	"			–	–	–	–	–	
21	"			–	–	–	–	–	
22	"			–	–	–	–	–	
23	"			–	–	–	–	–	
24	"			–	–	–	–	–	
25	Camel.			–	–	–	–	–	
26	Bare			–	–	–	–	–	
27	"			–	–	–	–	–	
28	Saamb-ghas			<0.5	–	–	100	sprouty	
29	Kanti			0.5	–	–	100	grassy	
30	Bare			–	–	–	–	–	

DATE 20/8/94 LOCATION Sudarsani A1 Co of T Co of V. Pot T. (1) 1 R R

Point	Reading	B. name	Substrate	Ht	Gir.	Spr.	%G	Phenology	Greasy
1	lamp		Malar	20	-	-	100	flowy	
2	Kwi		"	1	-	-	100	grasy	
3	Sinandi		"	3	-	-	100	"	
4	Sewan			45	1.5	-	70	flow	
5	Behari			4	-	-	100	grasy	
6	Kanti			7	-	-	95	"	
7	"			6	-	-	100	"	
8	Sewan			40	2.0	-	25	mostly dead	
9	Sinandi			2	-	-	90	grasy	
10	lamp			20	-	-	100	"	
11	Kwi			5	-	-	100	flowy	
12	Behari			4	-	-	100	grasy	
13	Boorda	Cymbopogon martin		55	0.85	-	90	flowy	
14	Sewan			50	1.15	-	80	flowy	
15	Ghantiya			25	0.-	0.75	90	"	
16	Bagra	unit-pidna		3	-	-	100	grasy	
17	Bare			-	-	-	-	-	
18	"			-	-	-	-	-	
19	Sewan			85	1.25	-	60	flowery	
20	Behar			0.5	-	-	100	seedly	
21	Behari			0.5	-	-	"	"	
22	lamp			12	-	-	100	flowy	
23	Bhangri			15	-	-	0	dead	
24	lamp			8	-	-	100	grasy	
25	Ghatiya			20	-	-	90	flowy	
26	Sewan			90	1.55	-	90	flowy	
27	Ghantiya			18	-	-	80	"	
28	Bhagra			1.5	-	-	100	grasy	
29	Ghantiya			10	-	-	95	"	
30	Dhaheli			1	-	-	100	seedy	

Date 20/8/91 | loc. Sudasani 'A' | Loot T | Lot U | Pot +. 2L

Point	Reading	B. Name	Substrate	Ht	Gr.	Spr.	% G.	Rtio.	Gr.
1	Bar		Thalar	—	—	—	—	—	
2	Kanti		↓	5	—	—	100	grony	
3	Bare			—	—	—	—	—	
4	lamp			4	—	—	100	"	
5	"			20	—	—	100	flowy	
6	Kanti			15	—	—	100	seedly	
7	(2)			1	—	—	100	grony	
8	Kanti			5	—	—	100	"	
9	Cabnel dryp			—	—	—	—	—	
10	Bare			—	—	—	—	—	
11	Behan			0.5	—	—	100	seedly	
12	Bare			—	—	—	—	—	
13	"			—	—	—	—	—	
14	lamp			4	—	—	100	grony	
15	Sareli			0.5	—	—	100	"	
16	Sewan			40	1-15	—	0	dead - dusty clump	
17	lamp			8	—	—	100	flowery	
18	Bare			—	—	—	—	—	
19	"			—	—	—	—	—	
20	Bagra			1.5	—	—	100	grony	
21	Sareli			1.5	—	—	100	flowy	
22	Bagra			2	—	—	100	grony	
23	lamp			3	—	—	100	"	
24	Bare			—	—	—	—	—	
25	"			—	—	—	—	—	
26	lamp			2	—	—	100	grony	
27	Bare			—	—	—	—	—	
28	lamp			8	—	—	100	flowy	
29	lamp			5	—	—	"	grony	
30	"			15	—	—	"	flowery	

DATE 20/8/91 LOCATION Sudasari -A' Co of T Co of V. Pot T. ZR

ZR

Point	Reading	B. name	Substrate	Ht	Gr.	Spr.	%G	Phenology	Gravy
1	Kanti		Thalan	4	–	–	100	gray	
2	Bare			–	–	–	–	–	
3	Sareli			1	–	–	50	–	
4	Kanti			5	–	–	100	seeding ~~gray~~	
5	Bare			–	–	–	–	–	
6	"			–	–	–	–	–	
7	"			–	–	–	–	–	
8	"			–	–	–	–	–	
9	"			–	–	–	–	–	
10	Kanti			3.5	–	–	100	gray	
11	lamp			4	–	–	100	"	
12	Unidentified (2)			2	–	–	100	"	
13	Kanti			1	–	–	100	"	
14	Bare			–	–	–	–	–	
15	Kanti			2	–	–	100	"	
16	Behar			0.5	–	–	100	seedy	
17	Kanti			4	–	–	100	seeding	
18	Sewan			10	–	–	0	dissolving only sewan dump	
19	Kanti			5	–	–	100	seedy	
20	Bare			–	–	–	–	–	
21	Kanti			5	–	–	100	gray	
22	Ghantiya			35	–	–	95	flowy	
23	Bhurti-ghas			8	–	–	100	gray	
24	Bare			–	–	–	–	–	
25	Kanti			5	–	–	100	seedy	
26	Bhurti-ghas			2.5	–	–	100	gray	
27	Ghantiya			10	–	–	50	~~fl~~ flowy	
28	lamp			1.5	–	–	100	gray	
29	Kanti			1	–	–	100	"	
30	Dhandi			1.5	–	–	100	"	

Date 20/8/91 loc. sudasari 'A' LOOFT LOFU Poft.

3L 3L

Point	Reading	B. Name	Substrate	Ht	Gr.	Spr.	%G.	Phenology	Gr.
1	Sareli		Thalar	1.5	–	–	100	flowering	
2	lamp			15	–	–	"	"	
3	Sareli			2	–	–	100	flowering	
4	Bhoorti-ghas			2.5	–	–	100	growing	
5	kuri			1	–	–	"	"	
6	Behar			0.5	–	–	100	seedling	
7	kanti			10	–	–	100	seed & flower	
8	Bare			–	–	–	–	–	
9	(2)			1	–	–	100	growing	
10	lamp			10	–	–	100	flowering	
11	~~ta~~ Bare			–	–	–	–	–	
12	~~4~~ (2)			3	–	–	100	growing	
13	(2)			1.5	–	–	"	"	
14	lamp			25	–	–	100	flowering	
15	(2)			1	–	–	"	growing	
16	Phakdi			1	–	–	100	growing	
17	Behar			5	–	–	–	growing	
18	Sareli			3	–	–	100	flowering	
19	Bare			–	–	–	–	–	
20	"			–	–	–	–	–	
21	(2)			6	–	–	100	flowering	
22	(2)			1	–	–	"	growing	
23	Bare			–	–	–	–	–	
24	Bhurti-ghas			5	–	–	"	Grown	
25	Bare			–	–	–	–	–	
26	(2)			5	–	–	100	growing	
27	Behar			6	–	–	100	flowering	
28	Bare			–	–	–	–	–	
29	"			–	–	–	–	–	
30	"			–	–	–	–	–	

DATE 20/8/91 LOCATION Sudasari 'A' Co of T Co of V. Pot T. 3R 3R

Point	Reading	B. name	Substrate	Ht	Gr.	Spr.	%G	Phenology	Grazy
1	Kuri		Thalar	1.0	–	–	100	grazy	
2	Sewan			25	0.70	–	0	dead disinfection	
3	(2)			18	–	–	100	flowing	
4	Bare			–	–	–	–	–	
5	Sewan			20	0.45	–	0	dead disinfection	
6	Bare			–	–	–	–	–	
7	(2)			0.5	–	–	100	grazy	
8	Kati			1.5	–	–	100	flowing	
9	Sareli			0.5	–	–	100	grazy	
10	Bare								
11	Ghantiya			20	–	–	100	flowing	
12	Bare								
13	Sareli			0.5	–	–	100	Spraying	
14	Bagra			2.5	–	–	100	grazy	
15	Sewan			65	1.50	–	80	flowing	
16	(3) U.F.			4	–	–	100	flowing	
17	~~Bare~~ Sewan			30	2.10	–	60	flowing	
18	~~Sewan~~ Bare			30					
19	Sewan			70	0.85	–	90	flowing	
20	"			95	0.80	–	70	"	
21	"			80	1.50	–	75	"	
22	(2)			1	–	–	100	grazy	
23	Ghantiya			15	–	–	100	"	
24	lamp			5	–	–	100	"	
25	Ubio-gantia			25	–	–	100	flowing	
26	Gantia			15	–	–	90	Grazy	
27	Sewan			90	1.15	–	95	flowing	
28	Ghatiya			20	–	–	100	grazy	
29	"			15	–	–	100	grazy	
30	"			25	–	–	11	"	

DATE 20/8/91 LOCATION SUDASARI 'A' Co of T Co of V. Pot T. 4L 4L

Point	Reading	B. name	Substrate	Ht	Gr.	Spe.	% G.	Pleudog	Gravy
1	Bare		Malar	–	–	–	–	–	
2				–	–	–	–	–	
3				–	–	–	–	–	
4				–	–	–	–	–	
5				–	–	–	–	–	
6				–	–	–	–	–	
7				–	–	–	–	–	
8				–	–	–	–	–	
9				–	–	–	–	–	
10				–	–	–	–	–	
11				–	–	–	–	–	
12				–	–	–	–	–	
13				–	–	–	–	–	
14				–	–	–	–	–	
15				–	–	–	–	–	
16				–	–	–	–	–	
17				–	–	–	–	–	
18				–	–	–	–	–	
19	(2)		Malar	3	–	–	100	gravy	
20	Bare			–	–	–	–	–	
21				–	–	–	–	–	
22				–	–	–	–	–	
23				–	–	–	–	–	
24				–	–	–	–	–	
25				–	–	–	–	–	
26				–	–	–	–	–	
27	Karti		"	5	–	–	95	+10 m sandy	
28	Bare			–	–	–	–	–	
29	"			–	–	–	–	–	
30	"			–	–	–	–	–	

Date 20/8/91 | loc. SUDASARI 'A' | LO of T | LO of U | Pof t. GR | GR

Point	Reading	B. Name	Substrate	Ht	Gr.	Spr.	%G.	Phenology	Gr.
1	lamp		Thalar	10	–	–	100	flowing	
2	Kati		"	15	–	–	"	"	
3	Bare			–	–	–	–	–	
4	"			–	–	–	–	–	
5	"			–	–	–	–	–	
6	"			–	–	–	–	–	
7	"			–	–	–	–	–	
8	(2)			0.5	–	–	100	sprouting	
9	Kati			4	–	–	100	grown	
10	Bare			–	–	–	–	–	
11	"			–	–	–	–	–	
12	"			–	–	–	–	–	
13	"			–	–	–	–	–	
14	"			–	–	–	–	–	
15	Behar			0.5	–	–	100	sprouting	
16	Bare			–	–	–	–	–	
17	(4) G.F.			20	–	–	95	flowing	
18	Bare			–	–	–	–	–	
19	(2)			0.5	–	–	100	sprouting	
20	Seman			15	–	–	0	dead [illegible]	
21	Bare			–	–	–	–	–	
22	"			–	–	–	–	–	
23	"			–	–	–	–	–	
24				–	–	–	–	–	
25				–	–	–	–	–	
26				–	–	–	–	–	
27				–	–	–	–	–	
28				–	–	–	–	–	
29				–	–	–	–	–	
30				–	–	–	–	–	

Location 23B Date San 'A' encl. Cloud cover 2
Start time 7.00 End time 7.55 Start T° 20°C End T° 31° Wind speed 1
7.55° 25°C Sunrise.

S.No	Time	M.S.	Species	Nos.	♂	♀	?	⊥ dist	Activity	Plant sp	Position	Ht	Substrate	C/R
1	7.02	S	U.F.	2	–	–	–	0	flying					C-R
1	7.04	S	R-Dove	1	–	–	–	5	foraging				Boothed	R
	7.04	S	Pied Babbler	1	–	–	–	25	perched					R
	7.05	S	R-Chat	1	–	–	–	25	perched/calling	Capparis	Top branch	2m		R
2	7.09	H	B.C.F.C	2	♂	–	–	60	Display	–				C
2	7.10	S	R-Chat	1	–	–	–	30	perched/calling	Capparis				C
2	7.11	S	C. Babbler	3	–	–	–	35	foraging					C
2	7.12	S	R-Chat	1	–	–	–	5	flushed					C
	7.13	OH	B.C. heard	1	–	–	–	75	calling					C
3														
4	7.18	H/S	W.C. Bulbul	2	–	–	–	125	calling/perched	Acacia	Top			C
4	7.19	S	B.C.F.C.	1	1	–	–	5	Flying					C
4	7.20	S	I-Sandgrouse	~~6~~	–	–	–	50	flying					R
6	7.27	S	C. Babbler	3	–	–	–	30	foraging					R
6	7.28	S	U.F.	1	–	–	–	45	"					C
7	7.33	S	R.V. Bulbul	2	–	–	–	15	perched	Lana	Top			C
8														
9	7.39	S	B.C.F.C	1	1	–	–	30	displaying					C
~~10~~	~~7.46~~	S												
10	7.46	S	B.C.F.C	1	1	–	–	5	Flying					R
10	7.48	S	"	2	1	1	–	15	Perched				Boothed	C
10	7.45		B.C.F.C	2	2	–	–	45	Chasing each other					R
11	7.46		B.C.F.C	1	1	–	–	0	Flying					C-R

Sudasani 'A' 24/8/91

5 L

Point	Reading	B. Name	Substrate	Wt	Gtr	Spr.	%G.	Phenology	Grazy
1	Bare		Thalav	-	-	-	-	-	
2	"			-	-	-	-	-	
3	"			-	-	-	-	-	
4	"			-	-	-	-	-	
5	Sewan			85	1.5	-	95	flowy	
6	Bhawri			8	-	-	0	dead	
7	Behar			1	-	-	100	seedly	
8	(4)			25	-	-	100	flowy	
9	Kuri			0.5	-	-	100	seedly	
10	Bare			-	-	-	-	-	
11	Bare			-	-	-	-	-	
12	"			-	-	-	-	-	
13	Ghantia			15	-	-	50	grazy	
14	"			10	-	05	70	"	
15	Kati			10	-	-	100	flowy	
16	Sewan			90	1.10	-	90	flowy	
17	Bare			-	-	-	-	-	
18	Kuri			1	-	-	100	grazy	
19	Til gauri			1.5	-	-	100	"	
20	Sinandi			05	-	-	11	"	
21	Sewan			85	0.85	-	95	flowy	
22	Til gauri			5	-	-	100	grazy	
23	Gautra			15	-	075	80	grazy	
24	(2)			3	-	-	100	"	
25	Bare			-	-	-	-	-	
26	Sewan			90	0.85	-	75	flowy	
27	Bare			-	-	-	-	-	
28	Kuri			0.5	-	-	100	grazy	
29	Sewan			70	0.92	-	95	flowy	
30	Dhaman			20	-	-	100	flowy	

LOCATION Sudaran 'A' DATE 24/8/91 T. POINT L° OF T L° of U. 5 R

Point	Reading	B. Name	Substrate	Ht	Gir.	Spr.	% G.	Phenology	Grazing
1	Ubio Gantia		Thalar	40	–	–	90	flowing	
2	"			45	–	–	90	"	
3	Gantia			30	–	–	50	flowing	
4	Kuri. II			15	–	–	100	flowing	
5	Kair			4.5	9.1	–	80	flowing fruit	
6	Sewan			75	0.85	–	80	flowing	
7	Sewan			65	1.5	–	100	flowing	
8	Bare			–	–	–	–	–	
9	(2)			10	–	–	100	growing	
10	Sewan			95	2.4		90	flowing	
11	Behar			8	–	–	100	growing	
12	Behar			5	–	–	100	"	
13	"			10	–	–	100	flowing	
14	"			4	–	–	100	"	
15	(2)			0.5	–	–	100	seedling	
16	Behar			1	–	–	100	growing	
17	Bare			–	–	–	–	–	
18	(5) Til ganti			2	–	–	100	growing	
19	Bagra			1	–	–	100	"	
20	Til ganti			1.5	–	–	100	"	
21	Behar			1	–	–	100	"	
22	Til ganti			5	–	–	100	flowing	
23	Ubio gantia			50	–	–	100	"	
24	Sewan			70	1.6m	–	90	"	
25	(2)			6	–	–	95	growing	
26	Gantia			21	–	–	95	flowing	
27	"			30	–	–	90	"	
28	Kanti			7	–	–	100	growing	
29	(2)			2	–	–	100	"	
30	Sewan			80	85	–	95	flowing	

Location DATE T. POINT L°of T L°of U.

GR

Point	Reading	B. Name	Substrate	Ht.	Gir.	Spr.	%G.	Phenology	Grazing
1	lamp		Thalar	15	-	-	100	flowy	
2	(2)			5	-	-	100	grey	
3	kuri			5	-	-	100	flowy	
4	kanti			5	-	-	100	seeding	
5	(2)			1	-	-	100	grow	
6	Bare			-	-	-	-	-	
7	kanti			5	-	-	100	flowy	
8	(2)			2	-	-	100	grow	
9	~~Ubio Ganta~~ Bare			-	-	-	-	-	
10	lamp			10	-	-	100	flowy	
11	11			8	-	-	100	11	
12	11			18	-	-	100	11	
13	kanti			12	-	-	100	fruity	
14	(2)			6	-	-	100	flowy	
15	Beha			1.5	-	-	100	* grey	
16	11			8	-	-	100	grey	
17	lamp			12	-	-	100	flowy	
18	(2)			2	-	-	100	grow	
19	lamp			8	-	-	100	~~grey~~ flowy	
20	Bare			-	-	-	-	-	
21	(2)			1	-	-	100	growing	
22	lamp			15	-	-	100	~~grow~~ flowey	
23	lamp			15	-	-	11	11	
24	11			11	+	-	11	11	
25	11			11	-	-	11	11	
26	11			11	-	-	11	11	
27	11			11	-	-	11	11	
28	11			11	-	-	11	11	
29	11			11	-	-	11	11	
30	* Tilgati			0.5	-	-	100	grey	

SUDASARI 'A' 24/8/91

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Point	Reading	B. Name	Substrate	wt	Gir	Spr.	%G.	Phenology	Grazy
1	Bhoonti-ghas		Thalav	7	–	–	100	flowy	
2	Bare			--	–	–	–	–	
3	Behar			1	–	–	100	grany	
4	lamp			22	–	–	100	flowy	
5	Sareli			5	–	–	100	flowy	
6	lamp			8	–	–	100	"	
7	(2)			2	–	–	100	grany	
8	lamp			15	–	–	100	flowy	
9	"			18	–	–	100	"	
10	lamp			12	–	–	"	"	
11	Bhunti-ghas			10	–	–	"	"	
12	Dudeli			20	–	–	100	flowy	
13	(2)			2	–	–	100	grany	
14	Bare			—	–	–	–	–	
15	"			—	–	–	–	–	
16	"			—	–	–	–	–	
17	"			—	–	–	–	–	
18	"			—	–	–	–	–	
19	lamp			15	–	–	100	flowy	
20	kanti			4	–	–	100	flowy fruit	
21	lamp			18	–	–	"	flowy	
22	kanti			3	–	–	"	"	
23	Bare			—	–	–	–	–	
24	Sareli			2.5	–	–	100	flowy	
25	lamp			12	–	–	100	grany	
26	"			17	–	–	"	flowy	
27	Bare			—	–	–	–	–	
28	"			—	–	–	–	–	
29	lamp			8	–	–	100	Grany	
30	(2)			5	–	–	"	grany	

LOCATION SUDASARI 'A' | DATE 24/8/91 | T. POINT 7R | L° OF T | L° of U. | 7R

Point	Reading	B. Name	Substrate	Ht	Gir.	Spr.	% G.	Phenology	Grazing
1	Kharnia		Malar	20	–	–	90	grown	
2	Bhangri			4	–	–	0	dead	
3	"			2	–	–	100	seedling	
4	Bhangri			1.5	–	–	100	"	
5	Bare			–	–	–	–	–	
6	"			–	–	–	–	–	
7	Behar			0.5	–	–	100	seedly	
8	Bangri			2	–	–	100	grown	
9	Ghantiya			15	–	–	100	flow	
10	Bare			–	–	–	–	–	
11	"			–	–	–	–	–	
12	"			–	–	–	–	–	
13	"			–	–	–	–	–	
14	"			–	–	–	–	–	
15	"			–	–	–	–	–	
16	Sewan			35	0.75	–	40	flowy	
17	Bare			–	–	–	–	–	
18	Kanti			2	–	–	100	Grown	
19	Bare			–	–	–	–	–	
20	Ghantiya			8	–	–	90	flowy	
21	"			10	–	0.50	95	flow	
22	Bare			–	–	–	–	–	
23	"			–	–	–	–	–	
24	Sewan.			70	0.65	–	50	flowy	
25	Bare			–	–	–	–	–	
26	Bhangri			3	–	–	100	seedly	
27	Bare			–	–	–	–	–	
28	"			–	–	–	–	–	
29	"			–	–	–	–	–	
30	Bhangri			1.5	–	–	100	seedly	

SUDASARI 'A' 24/8/91 7L 7L

Point	Reading	B. Name	Substrate	wt	Glr	Spr.	% G.	Phenology	Grasy
1	Bhagri		Thalar	1.5	–	–	100	seedy	
2	Bare			–	–	–	–	–	
3	"			–	–	–	–	–	
4				–	–	–	–	–	
5				–	–	–	–	–	
6				–	–	–	–	–	
7				–	–	–	–	–	
8				–	–	–	–	–	
9				–	–	–	–	–	
10	(2)			1.5	–	–	100	grey	
11	Bare			–	–	–	–	–	
12	"			–	–	–	–	–	
13	"			–	–	–	–	–	
14				–	–	–	–	–	
15				–	–	–	–	–	
16				–	–	–	–	–	
17				–	–	–	–	–	
18				–	–	–	–	–	
19				–	–	–	–	–	
20				–	–	–	–	–	
21				–	–	–	–	–	
22				–	–	–	–	–	
23				–	–	–	–	–	
24				–	–	–	–	–	
25				–	–	–	–	–	
26				–	–	–	–	–	
27	Sewan			40	1.20	–	10	grey	
28	Bare			–	–	–	–	–	
29	Bare			–	–	–	–	–	
30	"			–	–	–	–	–	

Date 24/8/91 Location SUDASARI 'A' Loft Loft U Pot. 8R 8R

Point	Reading	B. Name	Substrate	Ht	Gr	Spr	% g.	Phenology	Group
1	Bare		Thalam	–	–	–	–	–	
2	"			–	–	–	–	–	
3	Phamia			3	–	–	100	flowy	
4	Bare			–	–	–	–	–	
5	"			–	–	–	–	–	
6	"			–	–	–	–	–	
7	Bhawani			1	–	–	100	seedly	
8	Bare			–	–	–	–	–	
9	"			–	–	–	–	–	
10	"			–	–	–	–	–	
11	Bhawani			0.5	–	–	100	seedly	
12	Bare.			–	–	–	–	–	
13	"			–	–	–	–	–	
14	"			–	–	–	–	–	
15	"			–	–	–	–	–	
16	Bhawani			05	–	–	100	seedly	
17	Bare			–	–	–	–	–	
18	Ghantiya.			10	–	–	100	gray	
19	Bare.			–	–	–	–	–	
20	Bhawani			5	–	–	0	dead	
21	Bare			–	–	–	–	–	
22	"			–	–	–	–	–	
23	"			–	–	–	–	–	
24	Ghantiya			3	–	–	90	gray	
25	"			4	–	–	95	"	
26	"			15	–	–	40	"	
27	"			25	–	–	70	flowy	
28	Ubio-gantia			48	–	–	95	"	
29	Ghantiya			15	–	–	80	"	
30	Behar			0.5	–	–	100	Seedly	

24/6/91 Sudasari 'A' 8L

Pont	Reading	B. Name	Substrate	Ht	Gtr.	Spr.	%g	Phenology	Grazing
1	Bare.		Mulch.	–	–	–	–	–	
2	Bhawar			4	–	–	0	dead	
3	Ghatiya.			15	–	–	50	grow	
4	Bare			–	–	–	–	–	
5	"			–	–	–	–	–	
6	"			–	–	–	–	–	
7	"			–	–	–	–	–	
8	Bhawari			0·5	–	–	100	seedly	
9	Bare			–	–	–	–	–	
10	"			–	–	–	–	–	
11	"			–	–	–	–	–	
12	"			–	–	–	–	–	
13	"			–	–	–	–	–	
14	"			–	–	–	–	–	
15	"			–	–	–	–	–	
16	"			–	–	–	–	–	
17	Bhawari			7	–	–	0	dead.	
18	Bare			–	–	–	–	–	
19	"			–	–	–	–	–	
20	"			–	–	–	–	–	
21	Bhawari			0·5	–	–	100	seedly	
22	Bare			–	–	–	–	–	
23	"			–	–	–	–	–	
24	"			–	–	–	–	–	
25	Kanti			3	–	–	95	grow	
26	Bare			–	–	–	–	–	
27	"			–	–	–	–	–	
28	"			–	–	–	–	–	
29	"			–	–	–	–	–	
30	"			–	–	–	–	–	

Date 24/8/91 location Out sam

start time 6.30 end time 7.15 Start temp 25 °C End temp 27.5 °C

cloud cover 3
wind speed 1
sunrise 6.30

Heavy rain [illegible] night [illegible]

S.no.	Time	M.S	Species	Nos	♂	♀	Y	L dist	L/R	Activity	Plant sp.	Position	Ht.	Substrate
1	6.51	S	Blue C. B. eater	2	–	–	–	0	R-RL	flying				
2	6.55	S	R. Dove	1	–	–	–	100	L	fly				
2	6.57	S	Montagu's Harrier	1	–	–	–	150	L	fly				
2	6.58	DH	B.C.F.L	1	1	–	–	75	R	displaying				
2	6.58	S	M. Harrier	1	–	–	–	50	L	fly				
3	7.01	S	B.C.B. eater	1	–	–	–	60	L	Perch	Calotropis ~~capparis~~	top branch	4.5	
4	7.04	S	K. roller	1	–	–	–	50	L	Perch	capparis.	Intangy	2.5	
5	7.08	S	M. Harrier	1	–	–	–	0	R-L	fly				
6	7.11	S	B.C.F.C	1	1	–	–	50	R	Display				
6	7.13	S	B.C.F.C	1	1	–	–	5	R	fly				
7	7.14	S	B.C. B. eater	2	–	–	–	95	L	fly				
8	7.18	P/S	B.C.F.C	1	1	–	–	50	L	display				
9	7.24	S	Chinkara	1	–	1	–	100	L	STCA.				
9	7.25	S	B.C.B. Eater	1	–	–	–	25	L	fly				
9	7.25	S	C. Babbler	2	–	–	–	50	L	perch	capparis ~~calotropis~~	Top branch	2.5	
9	7.26	S	B. Cheek-Beeater	1	–	–	–	50	L	"	Capparis	"	[illegible]	
9	7.27	S	M. Harrier	1	–	–	–	25	L	fly				
10	7.30	S	G.I.B	2	2	–	–	75	L	foraging				
10	7.32	S	~~[illegible]~~ Brown shrike	1	–	–	–	15	L	foraging	capparis.			
~~10~~	~~7.34~~	~~S~~	~~Brown shrike~~											
11	7.37	S	B. Shrike	1	–	–	–	5	L	perch	capparis			
11	7.38	S	B.C.B. Eater	2	–	–	–	50	L	fly				
11	7.40	S	R. Dove	1	–	–	–	0	L-R	fly				
11	7.41	S	P. Wheater	1	–	–	–	40	R	foraging				Red Thater } Both F on Ground
11	7.41	S	R. chat	1	–	–	–	40	R	foraging				
11	7.42	S	B.C.B. eater	3	–	–	–	25	R	fly / foraging				
11	7.43	S	B.C.F.L	2	1	1	–	50	R	fly				
11	7.48	S	I.M.F	1	–	–	–	75	L	fly				
12	7.45	S	L.G. Shrike	1	–	–	–	30	L	fly				
12	7.45	S	H. Crow	1	–	–	–	0	R-L	fly				
(13)	7.47	S	C. Babbler	3	–	–	–	75	R	foraging				
12	7.48	S	R. Chat	1	–	–	–	25	L	calling				

Date 25/8/91 Location Sudasani 'A' L of T L of U P. off. 9 R

Point	Reading	B. Name	Substrate	Ht	Gir	Spr.	%G	Phenology	Gray
1	Bare		Thalar.	—	—	—	—	—	
2	"			—	—	—	—	—	
3	Gantia			20	—	—	95	flowing	
4		Cymbopogon. martini		60	1.25	—	90	"	
5		"		65	0.25	—	100	"	
6	Behar			0.5	—	—	100	seedling	
7	Bare			—	—	—	—	—	
8	Ghantiya			18	—	—	100	flowing	
9	Behar			1	—	—	"	growing	
10	Bhangri			0.5	—	—	100	Seedling	
11	Bare			—	—	—	—	—	
12	"			—	—	—	—	—	
13	"			—	—	—	—	—	
14	"			—	—	—	—	—	
15	"			—	—	—	—	—	
16	Ubio Ghantiya			15	—	—	90	flowing	
17	Ghantiya			22	—	—	80	"	
18	Kanti			1.5	—	—	100	growing	
19	Bare			—	—	—	—	—	
20	Behar			0.5	—	—	100	seedling	
21	Dhakdi			1.5	—	—	100	"	
22	Bare			—	—	—	—	—	
23	Ghantiya			8	—	—	90	Growing	
24	Bare			—	—	—	—	—	
25	Ubio Gantiya			40	—	—	90	flowing	
26	Bare			—	—	—	—	—	
27	Kharnia			20	—	—	100	flowing	
28	Ubio Gantia			25	—	—	80	"	
29	Bhangri			1.5	—	—	100	seedling	
30	Bare.			—	—	—	—	—	

25/8/91 Sudasari 'A' 9L 9L

Point	Deading	B. Name	Substrate	Ht	Gir.	Spr.	%g	Phenology	Gray
1	Sewan		thalar.	90	1+0	-	95	flowy	
2	Sareli			1	—	—	100	gravy	
3	Bare			—	—	—	—	—	
4	lamp.			22	-	-	100	flowy	
5	"			"	-	-	"	"	
6	Bare			—	—	—	—	—	
7	Bhoorti-gas			6	-	-	100	flowy	
8	Bare			—	—	—	—	—	
9	"			—	—	—	—	—	
10	Sareli			0.5	-	-	100	gravy	
11	Bare			—	—	—	—	—	
12	"			—	—	—	—	—	
13	"			—	—	—	—	—	
14	Sewan			80	0.95	-	90	flowy	
15	Bare			—	—	—	—	—	
16	"			—	—	—	—	—	
17	(3)			3	-	-	100	flowy	
18	Bare			—	—	—	—	—	
19	Bare			—	—	—	—	—	
20	Dhaheli			0.5	-	-	100	seedly	
21	Bare			—	—	—	—	—	
22	"			—	—	—	—	—	
23	"			—	—	—	—	—	
24	Behar			1	-	-	100	seedy	
25	lamp			9	-	-	100	flowy	
26	Behar			2	-	-	100	gravy	
27	Bare			—	—	—	—	—	
28	Kati			5	-	-	100	gravy	
29	Bare			—	—	—	—	—	
30	"			—	—	—	—	—	

Location outside sudasani closures: Date 25/8/91

Cloud cover 0
wind speed 2
sunrise 6.33

start time 7.00 end time 7.55 start temp 25° end temp 28°C

S.No	Time	M.S.	Species	Nos.	♂	♀	Y	⊥ dist	L/R	Activity	Sl and sp.	Position	Ht	Substrate
1	7.00	S	B.C.F.L.	1	1	–	–	50	R	display				
1	7.01	S	lu.F. (white throat)	1	–	–	–	20	R	forag/flying				
1	7.01		Chinkara	2	–	2	–	0	R-L	Running				
1	7.04		pied whetear	1	~~2~~ –	–	–	30	L	perch	~~cap~~ lava	top	0.5	
1	7.05		B.C.F.L	1	1	–	–	60	L	display				
1	7.05		R. Chat	1	–	–	–	40	R	forag				
2	7.07		white throat	1	–	–	–	10	~~to~~ L	forag	capsany flower	[illegible]		
3	7.11		B.C.F.L	1	–	1	–	25	R	flying				
3	7.12		Chinkara	1	–	1	–	200	R	grazing				
3	7.13		C.G. Shrike	1	–	–	–	40	R	flying				
4	7.14		B.C.F.L.	2	2	–	–	0	R-L	flying				
5	7.19		B.C.F.L.	1	1	–	–	75	L	Display				
6	7.23		K. roller	1	–	–	–	5	L	flying				
6	7.24		B.C.F.L.	1	–	–	–	60	L	flying				
7	7.25		W.E.B (?) wizard	1	–	–	–	25	L	perch	Khejid	T. branch	1.5m	
7	7.26		R. Dove	1	–	–	–	25	L	"	"	"	"	
8	7.28		R. Chat	1	–	–	–	25	L	forag				
8	7.30		Camel	3	–	1	2	125	R	grazing				
8	7.31		Chinkara	6	5	1	–	0	R-L	Running ♂ following ♀				
8	7.32		B.C.F.L	1	1	–	–	15	R	flying				
9	7.34		R. Chat ~~white throat~~	1	–	–	–	40	L	perch	capsany			
10	7.39		lu.F	1	–	–	–	0	R-L	flying		Bottom rather branch	1.5m	
10	7.40		B.C.F.L	2	–	–	–	50	L	Displaying				
11														
12	7.46		lu.F	1	–	–	–	~~0~~ 25	R	cooling				
12	7.47		B.C.F.L	5	–	–	–	30	R	flying				
13														
14			R. Dove	2	–	–	–	5	R	forag				
14			Montagu's harrier ~~[illegible]~~	1	~~150~~ –	–	–	150	R	sitting on ground.				

location Sudareni 'B' Date 26/8/91 (26th) Lot T

Start time 7.35 End time 7.30 Stat temp 25° End temp 29° cloud cove 3 & 4 wind speed 2 & 3 sunrise –

Sunset 7.05

S No	Time	M/S	Species	No	♂	♀	Y	Dist	C/R	Activity	Plant sp.	Position	Ht	Substrate
~~1~~	~~7.35~~ 7.35	S	Chinhara	5	–	5	–	0	C-R	Rng				
1	7.35	S	"	1	–	1	–	0	C-R	"				
1	7.37	S	R. Dove	1	–	–	–	10	R	flng				
1	7.38	S	C. Babbler	1	–	–	–	40	R	"				
1	7.38	S	B.C.F.C.	1	1	–	–	40	R	"				
1	7.40	S	R. Dove	2	–	–	–	50	R	"				
1	7.42	S	W.T. Cank	1	–	–	–	25	C	fang				Thelan
2	7.45	S	P. B~~y~~ Chin. Babb	1	–	–	–	10	C	flng				
2	7.45	S	W.T. Munia	3	–	–	–	15	C	fang/flng				
2	7.46	S	Y.T. Sparrow ~~Bulbul~~	1	1	–	–	25	R	displ				
3	7.48		B.C.F.C	2	–	–	–	50	R	flng				
4	7.50		B.C.F.C	1	1	–	–	50	R	Display				
5	7.53		R. Dove	1	–	–	–	75	C	flng				
5	7.55		Chinhara	1	–	1	–	100	R	Rng				
6	7.57		R. Dove	1	–	–	–	50	R	Perch	Cajanus.			
6	7.58		M. Harrier	1	–	–	–	50	R	flng				
6	7.58		B.C.F.C	1	–	–	–	75	R	"				
6	7.59		P. Wheatear	1	–	–	–	35	C	perch	Cajanus.			
7 (1)	8.00		Chinhara	7	1	6	–	150	C	Stck				
(7)	8.00		"	1	–	1	–	150	C	Stck.				
7	8.02		R. Chat	1	–	–	–	15	C	flng				
8	8.04		R. Dove	2	–	–	–	200	C	flng				
8	8.05		B.C.F.C	1	1	–	–	~~55~~ 50	R	Display				
8	8.06		H. Crow	2	–	–	–	60	R	flng				
8	8.07		B.C.F.C	1	–	1	–	10	R	flng				
9	8.09		P. Chat	1	–	–	–	40	R	perch/calling				
10	8.12		R. Dove	1	–	–	–	20	R	fang				Thelan
10	8.13		P. Wheater	1	–	–	–	70	C	perch				
11	8.14		C. babbler	1	–	–	–	75	C	" /calling				
(12)			Thelan standing	25	–	–	–	0	C-R	flng				

S.No	Time	M/S	Species	Nos	♂	♀	Y	Edit	L/R	Activity	Plant sp	Pants	Ht	Subnet
12	8.24	S	Bc. F.C.	1	1	–	–	5	R	flying				
14	8.25	Flush	(grey ?) Quail Sp.	1	+	–	–	0	L/R	flushed				
14	8.28	S	R. Pantor	1	–	–	–	10	L	flying				
15	8.30	S	L.G. Shrike	1	–	–	–	50	R	flying				

SUDASARI 'A' 27/8/91 13 L

13 L

S.no	Reading	B. Name	Substrate	Ht	Gir	Spr	% G	Phenology	Gravy
1	Behar		Thalar	9	–	–	100	gravy	
2	Dhahdi			2.5	–	–	100	flowy	
3	"			4	–	–	"	"	
4	Bare			–	–	–	–	–	
5	"			–	–	–	–	–	
6	"			–	–	–	–	–	
7	Bhoorti-ghas			5	–	–	100	flowy	
8	Behar			1.5	–	–	"	gravy	
9	lamp A			51	–	–	100	flowy	
10	Sewan.			65	2.90	–	85	flowery	
11	Kanti			15	–	–	100	"	
12	(4)			2.5	–	–	90	"	
13	Ghantia			12	–	0.50	100	gravy	
14	Bare			–	–	–	–	–	
15	Behar			11	–	–	100	gravy	
16	Bare			–	–	–	–	–	
17	Sewan			90	1.70	–	85	flowy	
18	Bare			–	–	–	–	–	
19	Behar			1.5	–	–	100	gravy	
20	Dudeli			0.5	–	–	"	"	
21	Bare			–	–	–	–	–	
22	Sewan			50	1.30	–	80	flowy	2
23	Bare			–	–	–	–	–	
24	Gantia			4	–	–	50	gravy	
25	OObadi			10	–	–	100	flowy	
26	Bare			–	–	–	–	–	
27	"			–	~~0.65~~	–	–	–	
28	Sewan			73	0.65	–	75	flowy	
29	Bare			–	–	–	–	–	
30	Bare.			–	–	–	–	–	

location Sudasari 'A' | Date 27/8/91 | L° of T | L° of V | P. of T 13 R

S.No.	Reading	B. Name	Substrate	Ht	Gr	Spr.	%G.	Phenology	Grazy
1	Bare		Thalar	—	—	—	—	—	
2	"			—	—	—	—	—	
3	"			—	—	—	—	—	
4	Kuri			5	—	—	100	growing	
5	Bagra			2.5	—	—	100	"	
6	kair			2.5m	3-25	—	90	fruiting	
7	Sinandi			1	—	—	100	grown	
8	"			4	—	—	100	flowing	
9	Sardi			0.5	—	—	"	grown	
10	Bare			—	—	—	—	—	
11	Behar			6	—	—	100	grown	
12	"			4	—	—	"	"	
13	Mivan			0.5	—	—	100	"	
14	Bare			—	—	—	—	—	
15	Behar			8	—	—	100	grown	
16	Bhangri			3	—	—	100	flowing	
17	lamp A			42	—	—	"	"	
18	kanti			3	—	—	100	grown	
19	Oobadi			5	—	—	"	flowering	
20	Dhahdi			0.5	—	—	"	grown	
21	Bare			—	—	—	—	—	
22	(2)			0.5	—	—	100	grown	
23	Bare			—	—	—	—	—	
24	Ubio Gantia			31	—	—	100	flowing	
25	Bare			—	—	—	—	—	
26	"			—	—	—	—	—	
27	Til ganti			1	—	—	100	grown	
28	(1)			3	—	—	"	"	
29	lamp A			25	—	—	"	flowing	
30	Ubio Gantia			18	—	—	"	"	

SUDABARI 'A' 27/8/91 14 L

134 L

S.No	Reading	B. Name	Substrate	HF	Gir	Spr	% G	Phenology	Gravy
1	Bare		Thalar	–	–	–	–	–	
2	"			–	–	–	–	–	
3	"			–	–	–	–	–	
4	"			–	–	–	–	–	
5	"			–	–	–	–	–	
6	Kuri			0.5	–	–	100	seedling	
7	Bare			–	–	–	–	–	
8	"			–	–	–	–	–	
9	(5)			10	–	–	100	flowing	
10	Bare			–	–	–	–	–	
11	Bhangri			1.5	–	–	100	flowing	
12	Ghantiya			11	–	–	90	flowing	
13	Behar			3	–	–	100	growing	
14	"			1.5	–	–	"	"	
15	Bare			–	–	–	–	–	
16	"			–	–	–	–	–	
17	Behar			4	–	–	100	growing	
18	Bare			–	–	–	–	–	
19				–	–	–	–	–	
20				–	–	–	–	–	
21				–	–	–	–	–	
22				–	–	–	–	–	
23				–	–	–	–	–	
24				–	–	–	–	–	
25				–	–	–	–	–	
26				–	–	–	–	–	
27				–	–	–	–	–	
28	Kuri			2	–	–	100	growing	
29	Behar			1.5	–	–	"	"	
30	"			3.5	–	–	"	flowing	

location SUDASARI 'A' | Date 27/8/91 | L° of T | L° of Y | P. of T | 14 R

S.No.	Reading	B. Name	Substrate	Ht	Gr.	Spr.	% G.	Phenology	Grazy
1	Bare		Thalar	–	–	–	–	–	
2				–	–	–	–	–	
3				–	–	–	–	–	
4				–	–	–	–	–	
5				–	–	–	–	–	
6				–	–	–	–	–	
7				–	–	–	–	–	
8				–	–	–	–	–	
9				–	–	–	–	–	
10				–	–	–	–	–	
11				–	–	–	–	–	
12				–	–	–	–	–	
13				–	–	–	–	–	
14				–	–	–	–	–	
15				–	–	–	–	–	
16				–	–	–	–	–	
17				–	–	–	–	–	
18				–	–	–	–	–	
19				–	–	–	–	–	
20				–	–	–	–		
21				–	–	–	–	–	
22				–	–	–	–	–	
23	Mirak			0.5	–	–	50	grouy	
24	"			"	–	–	"	"	
25	Bare			–	–	–	–	–	
26	Ghantiya			25	–	–	40	flowy	
27	Bhayri			2.5	–	–	100	"	
28	Bare			–	–	–	–	–	
29	"			–	–	–	–	–	
30	"			–	–	–	–	–	

Date 27/8/91 Location SUDASARI 'A' closure. Loot T Loot U Cloud cover 4

Start time 6.55 a.m. End time 8.20 Start temp 25° End temp 28°C Wind speed 2

Sunrise —

S.No	Time	M.S.	SPECIES	Nos	♂	♀	Y	± dist	L/R	Activity	Plant sp	Ht	Position	Substrate	
1	6.55	S	R. Chat	1	—	—	—	15	L	foraging	Capparis				
1	6.57	S	Bay back shrike	1	—	—	—	50	R	perch calling	Capparis				
1	6.58	S	R. Chat	1	—	—	—	20	L	flying					
1	6.59	S	B.B. Shrike	1	—	—	—	15	L	flying					
1	7.00	S	B.C.F.C	1	1	—	—	50	R	display					
2	7.01	OH	P.W. Warbler	1	—	—	—	50	L	calling					
2	7.02	S	Brown shrike	1	—	—	—	30	L	foraging					
2	7.02	S	Black head bunting	2	—	—	—	30	R	flying					
2	7.03	S	R. Chat	1	—	—	—	10	L	flying					
2	7.05	S	Chabbler	2	—	—	—	60	R	perch	capparis				
2	7.01	S	R. Dove	1	—	—	—	150	L	Display					
3	7.08	S	Shrike sp.	1	—	—	—	10	R	perch					spasrow + grey face & black eye stripe brown wings reddish tail.
3	7.08	S	B.C.F.C	1	1	—	—	50	L	display					
3	7.09	S	Hoopoe	1	—	—	—	10	R	foraging					
3	7.10	S	Shrike sp.	1	—	—	—	40	L	perched					
4	7.11	S	B.C.F.C	2	1	1	—	30	L	flying					
(5)	7.13	S	R. Pastor	20	—	—	—	50	R	flying					
4	7.14	S	R. Chat	1	—	—	—	15	L	flying					
4	7.14	S	C. Babbler ~~Shrike sp~~	1	—	—	—	20	R	perched					
4	7.15	S	P.W. Warbler	1	—	—	—	10	L	flying					
4	7.16	S	R. Chat	1	—	—	—	5	L	"					
(5)	7.16	S	R. Pastor	8	—	—	—	5	R	flying					
5	7.17	S	B.C.F.C	1	1	—	—	20	L	Display					
5	7.18	S	B.C.F.C	1	—	1	—	10	L	flying					
5	7.19	S	Chinkara fawn	1	—	—	1	2	L	flushed					Hiding newborn
5	7.21	S	R. Chat	1	—	—	—	8	R	Alarm					
6	7.23	S	Jark sp	1	—	—	—	15	R	sitting calling					reddish wings heavily streaked body
7	7.26	S	B.C.F.C	1	—	1	—	5	L	flying/foraging					
7	7.27		B.C.F.	1	1	—	—	15	R	foraging					
7	7.27		B.C.F.C	1	1	—	—	50	L	Display					
7	7.27		B.C.F.C	2	1	1	—	5	L	counting					

SNO	Hrs	M.S	Species	Nos	♂	♀	Y	⊥ dist	L/R	Activity	Plant Sp.	Position	Ht	Substrate	
7	7.30	S	B.C.F.L	1	1	–	–	50	R	fly					
7	7.31	S	B.C.F.L	1	–	1	–	10	L	fly					
8	7.31	S	"	2	+	–	–	5	L	fory					
8	7.32	S	B.C.F.L	17	1	–	–	5	R	"					
8	7.33	S	B.C.F.L	4	4	–	–	5/10	L/R	fory/organising					
9	7.35	S	B.C.F.L	1	1	–	–	10	R	fory					
9	7.36	S	B.C.F.L	4	1	3	–	15	L	flurd					
9	7.37	S	R.Chat	1	–	–	–	5	L	perch	capones				
9	7.37	S	R.Pastor	8	–	–	–	0	L-R	fly					
10	7.39	S	U.F	1	–	–	–	15	R	perch					stuck on thalar
10	7.40	S	B.C.F.L	1	–	1	–	5	L	flurd					
10	7.43	S	B.C.F.L	1	–	–	–	5	L	flurd					
11	7.44	S	K.Roller	1	–	–	–	10	L	fly					
11	7.45	S	Shrike sp	1	–	–	–	25	L	perch	capones				
11	7.46	S	W.T.Mnia	7	–	–	–	0	L-R	fly					
12	7.51	S	Chinkara	3	+	2	–	0	L-R	fory					
13	7.52	S	B.C.F.L	3	1	2	–	5	R	flurd					
14	7.53	S	B.C.F.L	1	–	1	–	8	L	fory					
14	7.53	S	"	1	1	–	–	5	L	"					
14	7.55	S	Chinkara	5	5	–	–	150	L	fory					
14	7.56	S	B.C.F.L	3	1	2	–	10	L	fly/fory					
14	7.57	S	R.Pastor	10	–	–	–	50	R	fly					
14	7.57	S	"	1	–	–	–	15	L	fly					
14	7.58	S	"	10	–	–	–	50	L	fly					
14	7.59	S	Harrier Mouhyun	1	+	1	–	75	L	fly					
14	8.00	S	R.Pastor	7	–	–	–	0	L-R	fly					
15	8.02	S	B.C.F.L	1	–	–	–	5	R	flurd					
15	8.02	S	R.Pastor	1	–	–	–	0	L-R	fly					
15	8.03	S	B.C.F.L	1	1	–	–	10	L	fory					
15	8.03	S	R.Dove	2	–	–	–	5	R	fly					
15	8.04	S	U.F	1	–	–	–	2	R	flurd					

27/8/91
Sudasari 'A'
closure cont.

S.No	Time	M.S.	SPECIES	Nos	♂	♀	Y	↓ dist	L/R	Activity	plant sp	Ht	Position	Substrate
16	8.09	S	R. Parton	20	—	—	—	0	R-L	Flying				
17	8.09	S	Blackhead bulbs	1	—	—	—	5	L	Flying				
18	8.13	S	B-C-F-L	1	1	—	—	40	L	Displaying				
19														
20	8.17	S	B.C.F.L	1	1	—	—	50	R	Displaying				
20	8.18	S	C.G.Shrike	1	—	—	—	5	R	Perched				
20	8.18	S	C. Babbler	2	—	—	—	5	R	perched				
20	8.18	S	B.C.F.L	1	1	—	—	0	C-R	Flying				

Date 25/9/91 | Location SUDASARI 'A' | Lot T | Loc U | Plot 10 R

Point	Reading	B. Name	Substrate	Ht	Girth	Spr.	%age	Phenology	Grazing
1	Bare		Thala Substrate	—	—	—	—	—	
2	11			3.0m	0.89		60	flow/fruit	
3	Kaur			3.0m	—	—	60	flow/fruit	
4	Bare			—	—	—	—	—	
5	Behani			1.5	—	—	100	grey	
6	11			0.5	—	—	11	11	
7	Ghantiya			6	—	1.5m	95	flow	
8	Bael			2.0m	1.07	—	80	flow/fruit	
9	Khri			1	—	—	100	seedy	
10	Baler			0.5	—	—	100	11	
11	Lamp			12	—	—	100	flow	
12	Bare			—	—	—	—	—	
13	Bare			—	—	—	—	—	
14	11			—	—	—	—	—	
15	Ghantiya			8	—	0.75	90	grey	
16	Bhangri			2	—	—	100	grey	
17	Kanti			0.5	—	—	100	seedy	
18	Ghantiya			8	—	0.8	90 100	grey	
19	Bare			—	—	—	—	—	
20	Mirah			3	—	—	100	grey	
21	Bare			—	—	—	—	—	
22	11			—	—	—	—	—	
23	11			—	—	—	—	—	
24	Khamia			22	—	—	70	grey	
25	Bare			—	—	—	—	—	
26	11			—	—	—	—	—	
27	11			—	—	—	—	—	
28	11			—	—	—	—	—	
29	11			—	—	—	—	—	
30	11			—	—	—	—	—	

25/9/91 SUDASARI - A' 10 C

Pont	Deadly	B. Name	Substrate	Ht	Gir.	Spr.	Sug.	Phenology	Gravy
1	Kuri		Thalav	4	-	05	95	Flowery	
2	Bhamri			5	-	-	0	dead	
3	lamp			12	-	-	100	Flowy	
4	Bare			-	-	-	-	-	
5	11			-	-	-	-	-	
6	Behav			1	-	-	100	~~Flo~~ gravy	
7	Behari			0.5	-	-	100	11	
8	lamp			18	-	-	95	Flowery	
9	Nivah			6	-	-	100	Flowy	
10	Dhamlai			1.5	-	-	11	gravy	
11	Bare			-	-	-	-	-	
12	lamp			12	-	-	100	Pk Flowy	
13	(5)			10	-	-	100	Flowy	
14	Ghantiya			4	-	-	0.60	gravy	
15	Bare			-	-	-	-	-	
16	11			-	-	-	-	-	
17	11			-	-	-	-	-	
18	11			-	-	-	-	-	
19	11			-	-	-	-	-	
20	11			-	-	-	-	-	
21	11			-	-	-	-	-	
22	Behav			0.5	-	-	100	gravy	
23	lamp			3	-	-	100	gravy	
24	Bare			-	-	-	-	-	
25	11			-	-	-	-	-	
26	11			-	-	-	-	-	
27	11			-	-	-	-	-	
28	11			-	-	-	-	-	
29	11			-	-	-	-	-	
30	11			-	-	-	-	-	

25/9/91 Sudasani 'A' 11 R 11 R

S.no	Reading	B. Name	Substrate	HF	Gr	Spr	% G	Phenology	Grain
1	Bare		Malar	—	—	—	—	—	
2	Kuni			0.5	—	—	100	grony	
3	Ghantiya.			12	—	1.2	95	flowy	
4	"			1	—	—	100	seedly	
5	Bare			—	—	—	—	—	
6	lamp			46	—	—	100	flowy	
7	Booi			35	—	—	100	flowy	
8	sinandi			3	—	2m	95	"	
9	"			"	—	"	"	"	
10	"			"	—	0.5	"	"	
11	Bare			—	—	—	—	—	
12	Ghantiya			2	—	—	100	grony	
13	lamp			8	—	—	100	flowy	
14	ubio Ghantiya			13	—	—	100	"	
15	Dhaheli			0.5	—	—	"	& grey	
16	lamp			43	—	—	100	flowy	
17	Bare			—	—	—	—	—	
18	"			—	—	—	—	—	
19	"			—	—	—	—	—	
20	"			—	—	—	—	—	
21	"			—	—	—	—	—	
22	"			—	—	—	—	—	
23	lamp (B)			11	—	—	100	flowy	
24	Bare			—	—	—	—	—	
25	"			—	—	—	—	—	
26	"			—	—	—	—	—	
27	"			—	—	—	—	—	
28	"			—	—	—	—	—	
29	Sinandi			3	—	0.25	100	flowy	
30	Bare			—	—	—	—	—	

location Sudasani 'A' | Date 25/9/91 | L° of T | L° of V | P. of T | 11 L

S.No.	Reading	B. Name	Substrate	Ht	Gr	Spr.	%G.	Phenology	Grazy
1	Bare		Thalar	–	–	–	–	–	
2	"			–	–	–	–	–	
3	"			–	–	–	–	–	
4	~~Ghantra~~ Oobadi			8	–	–	100	flowy	
5	ubio gantia			28	–	–	100	"	
6	Bare			–	–	–	–	–	
7	Kuri			3	–	–	100	grey	
8	ubio gantia			40	–	–	"	flowy	
9	Behari			0.5	–	–	100	seedy	
10	Behar			6	–	–	"	grey	
11	lamp 'A'			30	–	–	100	flowy	
12	Behar			1.5	–	–	"	grey	
13	Bare			–	–	–	–	–	
14	"			–	–	–	–	–	
15	Kuri			0.5	–	–	100	grey	
16	lamp A			42	–	–	100	flowy	
17	"			38	–	–	"	"	
18	Kuri			1	–	–	"	grey	
19	Behar			1.5	–	–	100	grey	
20	lamp A			25	–	–	"	flowy	
21	"			"	–	–	"	"	
22	Jatlia			8	–	–	100	flowy seed	
23	Bare			–	–	–	–	–	
24	Behari			1.5	–	–	100	grey	
25	ghantia			3	–	0.40	450	grey	
26	Kuri			6	–	–	100	flowy	
27	Sewan			65	0.55	–	45	flowy	
28	Bare			–	–	–	–	–	
29	Behar			0.5	–	–	100	grey	
30	Bare.			–	.	–	–	–	

	location	Date	L° of T	L° of V	P. of T
	~~25/9/91~~ SUDASARI 'A'	25/9/91			12 R

12 R

S.No.	Reading	B. Name	Substrate	Ht	Gr	Spr.	%G.	Phenology	grazy
1	Bare		Thalar	—	—	—	—	—	
2	"			—	—	—	—	—	
3	"			—	—	—	—	—	
4	"			—	—	—	—	—	
5	"			—	—	—	—	—	
6	"			—	—	—	—	—	
7	Mirah			0.5	—	—	100	sealy	
8	Bare			—	—	—	—	—	
9	Bare			—	—	—	—	—	
10	"			—	—	—	—	—	
11	"			—	—	—	—	—	
12	Bhawi			1.0	—	—	100	flowy	
13	Bare			—	—	—	—	—	
14	"			—	—	—	—	—	
15	"			—	—	—	—	—	
16	"			—	—	—	—	—	
17	"			—	—	—	—	—	
18	"			—	—	—	—	—	
19	"			—	—	—	—	—	
20	"			—	—	—	—	—	
21	"			—	—	—	—	—	
22	"			—	—	—	—	—	
23	"			—	—	—	—	—	
24	"			—	—	—	—	—	
25	"			—	—	—	—	—	
26	"			—	—	—	—	—	
27	"			—	—	—	—	—	
28	"			—	—	—	—	—	
29	"			—	—	—	—	—	
30	"			—	—	—	—	—	

25/9/91 SUDASARI 'A' 12 L

12 L

S.No	Reading	B. Name	Substrate	Ht				
1	Bare		Malar	—	—	—	—	—
2				—	—	—	—	—
3				—	—	—	—	—
4				—	—	—	—	—
5				—	—	—	—	—
6				—	—	—	—	—
7				—	—	—	—	—
8				—	—	—	—	—
9				—	—	—	—	—
10				—	—	—	—	—
11				—	—	—	—	—
12				—	—	—	—	—
13				—	—	—	—	—
14				—	—	—	—	—
15				—	—	—	—	—
16				—	—	—	—	—
17				—	—	—	—	—
18				—	—	—	—	—
19				—	—	—	—	—
20				—	—	—	—	—
21				—	—	—	—	—
22				—	—	—	—	—
23				—	—	—	—	—
24				—	—	—	—	—
25				—	—	—	—	—
26				—	—	—	—	—
27				—	—	—	—	—
28				—	—	—	—	—
29				—	—	—	—	—
30				—	—	—	—	—

LOCATION ~~outside~~ Sudasari B' DATE 1/10/1991

Cloud cover 0
Wind speed 1
Sunrise. 6.40 am

START TIME :- 7.00. END TIME :- 8.02 START TEMP :- 18°C END TEMP :- 25°C

S.No.	Time	MS	Species	No.	♂	♀	Y	⊥ dist	C/R	Activity	Plant sp.	Position	HE	Substrate
1	7.01		B.C.F.L.	1	1	–	–	0	L-R	flying				
1	7.01		L.S.T.L	50	–	–	–	0	CR	"				
1	7.02		L.S.T.L	2	–	–	–	40	L	foraging				Thalar
1	7.02		"	9	–	–	–	0	C-R	flying				
2	7.06		C.C. Courser	2	–	–	–	35	R	landed				Thalar
2	7.07		Pied wheatear	1	–	–	–	45	R	flying				~~Thal~~
2	7.07		C.G. Shrike	1	–	–	–	50	R	perched	Capparis	O. canopy	2m	
2	7.08		C.C.L	5	–	–	–	15	C/R	flying				
2	7.09		C.G. Shrike	1	–	–	–	100	L	perched	"	"	"	
3	7.10		P. wheatear	1	–	–	–	20	R	perched	"	"	2.5	
3	7.13		Chinkara	2	–	–	–	250	R	grazing				
4	7.15	C/S	R.V. Bulbul	1	–	–	–	75	L	calling	"	"	2	
6	7.19	S	Tawny eagle	1	–	–	–	75	L	perched	"	"	4	
6	7.22		U.F. Warbler	1	–	–	–	10	R	foraging	"			
	7.25		B.C.F.L	1	1	–	–	25	R	foraging				Thalar
	7.27		Chinkara	1	1	–	–	100	R	Alarmed / Starting				Boothal
	7.28		C. Babbler	3	–	–	–	75	L	Calling / foraging				
8	7.29		T. Eagle	1	–	–	–	150	L	perched	Klepidi	T. Brand	5	
8	7.32		White cheek bulbul	2	–	–	–	50	L	perched / calling	Capparis ~~Calotropis~~			
8	7.33		U.F. Cont	2	–	–	–	0	R-L	flying				
9	7.37		R. Dove	2	–	–	–	50	L	flying				
9	7.38	OH C	Y.T. Sparrow	1	–	–	–	50	L	calling				
10	7.40		L.S.T.L	50	–	–	–	50	C/R	foraging				
10	7.40		~~Desert~~ I wheatear	1	–	–	–	20	L	foraging				Thalar
(11)	7.40		C.I. Fox	1	–	–	–	0.5	L	Alarmed running				
11	7.42		Chinkara	1	–	1	–	75	R	Alarmed				
11	7.45		R. Dove	1	–	–	–	5	L	perched	Capparis	T. brand	25	
11	7.45		R. Pantor	1	–	–	–	75	L	flying				
11	7.46		P. wheatear	1	–	–	–	20	L	flying chasing				
11	7.46		I wheatear	1	–	–	–	20	L	D. wheatear				

S.No.	Time	M/S	Species	Nos	♂	♀	Y	⊥dist.	C/R	Activity	Plant sp.	Position	Ht	Substrate
12	7.50	S	C.S.T.C	2	–	–	–	15	L	foraging				Thalar
12	7.52	S	C.G. Shrike	1	–	–	–	75	L	Feed				
13	7.53		C. babbler	4	–	–	–	10	L	foraging				
(15)	7.55	S	Chinkara	2	–	2	–	50	R	Alarm / Sunny				
(14)	7.57	S	Chinkara	2	–	2	–	100	L	Sunny / Alarm				
15	8.00	S	C.G. Shrike	1	–	–	–	60	R	perched	Capparis	ocean	2.5	

LOCATION Outside Sudarsani

DATE 2/10/19

Cloud cover 0
Wind speed 0-1
Sunrise. 6:40 - 6:41

START TIME :- 7:00 END TIME :- 7:45 START TEMP :- 21°C END TEMP :- 24.5

S.No.	Time	MS	Species	No.	♂	♀	Y	⊥dist	C/R	Activity	Plants p.	Position	HG	Substrate
1	7:00	S	Chinhara	2	-	1	1	0	R-C	Running				
1	7:01	S	C. Babbler	2	-	-	-	15	R	flying				
1	7:02	S	Chinhara	1	-	1	-	100	R	Running				
1	7:03	S	C.T.C	10	-	-	-	10	R	Took to flight				
2	7:05	S	C. Babbler	8	-	-	-	75	R	foraging / calling				
2	7:05	S	B.C.F.C	1	1	-	-	25	R	foraging				
2	7:06	S	C.S.T.C	5	-	-	-	0	R-C	flying				
3	7:07	S	R. pastor	2	-	-	-	75	R	Perched				
3	7:10	S	Chinhara	4	-	-	-	175	C	Alarm				
3	7:11	S	Pied wheatear	1	-	-	-	5	R	flight				
3	7:12	S	C.S.T.C	4	-	-	-	0	C/R	foraging				
6	7:17	GH	B.C.F.C	31	-	-	-	20	C					
6	7:18	S	Pied wheatear	1	-	-	-	30	R	chasing				
6	7:18	S	Desert wheatear	1	-	-	-	30	R	chasing				
6	7:19	S	Pied wheatear	1	-	-	-	0	C/R	foraging				
6	7:19	S	Crested lark	3	-	-	-	0	R-C	flying				
6	7:21	S	C.T.C	4	-	-	-	25	R	flying				
8	7:24	S	Pied wheatear	2	-	-	-	5	R	foraging				
9	7:29	S	Pied wheatear	2	-	-	-	0	R-C	flying				
11	7:32	S	Pied wheatear	1	-	-	-	5	R	foraging				
12	7:34	S	C.T.C	1	-	-	-	20	C	perched				
(4)	7:34	S	Chinhara	3	1	2	-	30	C/R	Alarm				
12	7:36	S	Pied wheatear	2	-	-	-	5	C/R	foraging				
12	7:37	S	Crested lark	1	-	-	-	5	C	foraging				
13														
14	7:41	S	Pied wheatear	1	-	-	-	25	R	chasing other two				
14	7:41	S	Desert wheatear	1	-	-	-	25	R	chasing other two				
14	7:41	S	Desert ~~Isabelline~~ ? wheatear	1	-	-	-	25	R	chasing other two				

S.No	Time	Sex	Species	No.	F	M	Y	Distance	H/L	Activity	Plant sp.	Position	Ht	Substrate
6	7.34	S	U.F (Long tailed like)	3	–	–	–	10	R	flutt				
8	7.41	S	R. Parlor	9	–	–	–	100	R	fly				
8	7.43	S	Chinhara	2	–	2	–	100	R	forag				
8	7.42	S	"	1	1	–	–	100	L	"				
8	7.44	S	R. Dove	1	–	–	–	75	L	Perched				
9	7.46	S	U.F LLL	2	–	–	–	10	R	flutt				
9	7.46	S	R. Parlor	1	–	–	–	40	L	fly				
10	7.50	S	Chinhara	3	–	–	–	150	L	STLA				
10	7.51	S	R. B. Shrike	1	–	–	–	25	R	perch				
10	751	S	Chinhara	1	–	–	–	50	R	STA flutt				
11	7.53	S	Chinhara	7	–	–	–	700	L	forag				
11	7.55	S	B.C.F.C	1	–	–	–	15	R	fly				
12	755	S	Chinhara	2	–	–	–	0	R-L	Runn				
12	755	S	B.C.F.C	2	1	1	–	0	R-L	fly				
12	757	S	R. Parlor	6	–	–	–	50	R	fly				
12	9.57	S	P. Wheater	1	–	–	–	40	R	Perch				
14	8.02	S	R. Dove	1	–	–	–	50	L	" Cally				
14	8.04	S	C. Babbler	47	–	–	–	20	R	Perch				
14	8.04	S	White throated munia	2	–	–	–	0	L-R	fly				
14	8.04	S	Pied Bushchat	1	–	1	–	10	L	perch				
15	8.05	S	R. Dove	1	–	–	–	75	L	" /cally				
15	8.07	S	Chinhara	4	–	–	–	100	R	forag				
16	8.09	S	C.I. fox	1	–	–	–	50	L	sitting				
16	8.10	S	L.G. Shrike	1	–	–	–	50	L	perch				
17	8.13	S	Chinhara	1	–	–	–	100	L	runn				
18	8.17		C.S.T.L	6	–	–	–	10	L	fly				
19	8.18		B.C.F.C	1	–	1	–	80	R-L	fly				
19	8.19		C.S.T.L	4	–	–	–	0	R	flutt				
20	8.20		R. Dove	1	–	–	–	50	R	perch				

LOCATION Sudasai 4 DATE 3/10/91

CLOUD COVER 0
WIND SPEED 0
SUNRISE 6.40

START TIME 7.00 END TIME 8.25 START TEMP 18°C END TEMP 28°C

S.No	Time	M/S	Species	No.	♂	♀	Y	t dist	L/R	Activity	Plant sp.	Position	Ht.	Substrate
1	7.00	S	W.C. Bulbul	2	–	–	–	10	L&R	Calling perched	Caparis	outcan	2	
1	7.00	S	Chinhara	2	2	–	–	50	L	Alarm				
1	7.00	S	"	2	–	2	–	50	R	"				
1	7.03	S	U.F	1	–	–	–	60	L	perched				
1	7.04	S	R. Dove	1	–	–	–	40	L	"	"	"		
1	7.05	S	Tawy eagle	1	–	–	–	250	L	"	Klejidi	top branch	10	
1	7.06	S	Blue throat	1	–	–	–	25	R	foraging				
1	7.06	S	C white throat	1	–	–	–	25	R	foraging				
2	7.08	S	B.C.F.L	1	1	–	–	0	L-R	Display				
2	7.08	S	R. Dove	2	–	–	–	50	R	took to fly				
2	7.10	S	R. Dove	2	–	–	–	50	L-R	fly				
2	7.17	S	Red backed shrike	1	–	–	–	25	L	Perched	Caparis	top branch	1.5	
2	7.17	S	Chinhara	1	–	1	–	150	L	S+LA				
2	7.17	S	"	1	–	1	–	150	R	"				
	7.19	S	Large grey shrike	1	–	–	–	50	R	Perched	"	"	3	
	7.20	S	R. Pastor	10	–	–	–	0	R-L	fly				
	7.20	S	Lark sp	1	–	–	–	0	L-R	"				
	7.21	S	B.C.F.L	2	1	1	–	25	R	foraging				
	7.22	S	R. Pastor	7	–	–	–	50	L	fly				
	7.22	S	C.S.T.L ?	4	–	–	–	0	R-L	"				
6	7.23		Chinhara	1	1	–	–	25	L	S+LA				
	7.25		Drongo K.K	1	–	–	–	10	R	Perched				
	7.25		R. pastor	4	–	–	–	10	R	foraging				
	7.15		B.C.F.L	1	–	–	–	15	R	"				
	7.25		C. bantrer	4	–	–	–	10	R	"				
	7.15		R. Dove	2	–	–	–	10	R	"				
	7.28		Chinhara	8	–	–	–	100	L	S+LA/foraging				
	7.8		Pied B. Chat	1	1	–	–	25	R	perched	sewan.			
	7.29		C.S.T.L	10	–	–	–	0	L-R	thrust fly				
	7.30		Pied B. Chat	1	–	1	–	5	L	fly				
	7.31		B.C.F.L	1	–	–	–	5	L	"				

SAM 'A' 4/10/1991

7.00 a.m 7.45 18°C 23°C

S.No	Time	M/S	Species	No.	♂	♀	Y	Idist	L/R	Activity	Plant sp.	Position	Ht.	Substrate
1	7.00	S	R. Dove	1	–	–	–	40	R	Perched	Calatropis	top	25	
1	7.02	S	Chinhara	2	–	2	–	50	L	Alarmed / running				
1	7.04	S	C. Whitethroat	2	–	–	–	5	L	foraging	Khair			
1	7.05	S	Sandgrouse	1	–	–	–	0	L-R	flying				
2	7.07	S	I. Wheatear	1	–	–	–	15	L	Perched				
4	7.13	S	C. Greyshike	1	–	–	–	150	L	Perched	Calatropis	top		
5	7.16	S	R. Dove	1	–	–	–	100	L	flying				
6	7.21	S	B.C.F.C	2	–	–	–	0	R-L	Flying				
8	7.25	S	W.T. Munia	2	–	–	–	0	R-L	flying				
9	7.29	S	B.C.F.C	3	–	–	–	50	L	flying				
9	7.31	S	B.C.F.C	1	–	–	–	20	R	pond	On stone			
10	7.34	S	B.C.F.C	1	–	–	–	40	R	flying				
	7.35	S	C.S.T.C	12	–	–	–	0	L-R	flying				
11	7.38	S	B.C.F.C	1	#	–	–	15	L	foraging				
11	7.38	S	"	1	–	–	–	40	R	flying				
12	7.42	S	B.C.F.C	1	–	–	–	15	R	flying				
	7.45		G.I.B.	1	fresh tracks seen.									

Date:- 6/10/91 Location:- outside sam closure.

Start time 7.05 End time 7.55 Start temp 19°c end temp. 25°c

wind speed 0
Cloud cone 0
sunrise 6.41

S. Nos.	Time	Ms.	Species	No	♂	♀	Y	⊥ dist	L/R	Activity	Plant sp.	Position	Ht.
~~7.08~~ 1	7.08	S	G.F warbler	1	–	–	–	5	R	foraging	lava		
	7.10	S	Grey quail	1	–	–	–	15	R	flushed			
3	7.18	S	Sandgrouse	37	–	–	–	75	R	flying			
3	7.18	S	B.C.F.C	1	–	1	–	10	R	flying			
5	7.27	S	I. wheatear	1	–	–	–	40	R	perched			
	7.35	S	C.S.T.C	16	–	–	–	25	L	flying			
11	7.42	S	Desert warbler?	1	–	–	–	5	R	foraging			
11	7.45	S	"	1	–	–	–	10	L	"			
11	7.46	S	D.C.F.C	1	–	–	–	0	C-R	flying			
11	7.47	S	C.Babbler	4	–	–	–	25	R	foraging			
11	7.47	S	Unidentified	1	–	–	–	25	R	"			
11	7.48	S	Chinkara	1	–	–	–	150	L	foraging			
12	7.52	S	G.F warbler	1	–	–	–	5	L	"	lava		
12	7.53	S	D. wheatear	1.	1	–	–	25	R	"			