DAY 19th MONTH NOV YEAR 09 OBS-PC SM TMF/40 KJ TW JM JR HOW FOUND N

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	TP	AN	GRID	MNK	SP	PT
Estrus																							1					1																				
5:45																																																
6:00																																																
6:15																																																
6:30																							X	X	X			X	X	X													X	X	L/23	None	—	—
6:45																							X	X	X			X	X	X													X	X			FBR	RF
7:00																							X	X	X			X	X	X													X	X				
7:15																							X	X	X			X	X	X													X	X				
7:30																							X	X	X			X	X	X													X	X				
7:45																							X	X	X			X	X	X													X	X				
8:00																							X	X	X			X	X	X													X	X			↓	↓
8:15																							X	X	X			X	X	X													X	X			FBR	RF
8:30																							X	X	X																		X				UVA	RF
8:45																							X	X	X																		X				COA	RF
9:00																							X	X	X																		X					
9:15																							X	X	X																		X					
9:30																							X	X	X																		X					
9:45																							X	X	X																		X					
10:00																							X	X	X																		X					
10:15																							X	X	X																		X					
10:30																							X	X	X																		X					
10:45																							X	X	X																		X					
11:00																							X	X	X																		X					
11:15																							X	X	X																		X				COA	RF
11:30																							X	X	X																		X				FEX	YL
11:45																							X	X	X																		X				〃	〃
12:00																							X	X	X																		X				〃	〃
12:15																							X	X	X																		X				—	—
12:30																							X	X	X																		X		↓	↓	—	—
12:45																							X	X	X																		X		L/23	None	—	—
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	TP	AN				
13:00																							X	X	X																		X		L/23	None	FEX	YL
13:15												X											X	X	X																		X				—	—
13:30												X											X	X	X																		X				FBR	RF
13:45												X											X	X	X																		X		↓		〃	〃
14:00												X											X	X	X																		X		L/23		—	—
14:15												X											X	X	X																		X		K/22		—	—
14:30												X											X	X	X																		X				THV	THV
14:45												X											X	X	X																		X					
15:00												X											X	X	X																		X					
15:15												X											X	X	X																		X					
15:30												X											X	X	X																		X					
15:45												X											X	X	X																		X				↓	↓
16:00												X											X	X	X																		X				THV	THV
16:15												X											X	X	X																		X				—	—
16:30												X											X	X	X																		X				THV	THV
16:45												X											X	X	X																		X					
17:00												X											X	X	X																		X					
17:15												X											X	X	X																		X					
17:30												X											X	X	X																		X					
17:45												X											X	X	X																		X					
18:00												X											X	X	X																		X		↓	↓	↓	↓
18:15												X											X	X	X																		X		K/23	None	THV	THV
18:30																																																
18:45																																																
19:00																																																
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19:30																																																
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	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	TP	AN	GRID	MNK	SP	PT
Health												1											1	2	1			1	1	1													1	1				

COMMENTS: TT was heard sneezing. No monkey's encountered.

FOUND: C=calls, FT=checking fruit trees, FFT: waiting at fruit tree, N=nest PARTY COMPOSITION: X: present at that time; O = thought to be around

OTHERS: Write IDs in blank columns: HH, PE, UM-UH-UN, GD-GS-GG, MU-MX, AFF, AMM, JFF, JMM, IMM, IFF

PT: RF = ripe fruit, UF = unripe fruit, SD = seed, YL = young leaf, ML = mature leaf, FL = flower, WD = wood, RT = root, SL = soil, MT = meat

MNK: RDC= Red colobus, BWC= Black and white colobus, RDT= Red-tail monkey, BLU= Blue Monkey, MGB= Mangabey, BAB= Baboon

HEALTH: 1 = Healthy, 2 = Cold/cough, 3 = Diarrhoea, 4 = Wound (describe). ESTRUS: 1 = None, 2 = Partial, 3 = Full

AL① TS② KPC Behavior JR

Day 19th Month Nov Year 09 KPC SM Others KJ TW JM Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
620	Obs arrived at the nest site									
630		AL TG 12	TT AT AZ	AN TS TD	J/800				Ø	
636	AT leaving a night nest									
642	AZ leaving a night nest									
644	AL (AN) leaving a night nest and they moved									
	entered FBR tree and start feeding Silent									
648		TG AL	TT AT AZ	AN TS TD	J/800	✓	FBR	RF	Ø	
700		TG AL	TT AT AZ	AN TS TD	"	✓	"	"	Ø	
707	TS leaving a night nest									
710	TG (TD) leaving a night nest									
713	TS feeding on CAF young leaves									
718		TG AL	TT AT AZ	AN TS TD	J/800	✓	FBR	RF	Ø	
728	AL grooming AT									
730		TG AL	TT AT AZ	AN TD TS	J/800	✓	FBR CAF	RF YL	Ø	
738	TT leaving a night nest									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **ELE**: Elephants; **FBK**: Food Bark; **HCG**: Hand-clasp groom; **HNY**: Honey
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RD: Rain display; **SOIL**: Eating red soil; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

721 TT was heard SNeezing

KPC Behavior

Day 19th Month NOV Year 09 KPC SM Others JR KJ TW JM Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
745		TG AL	TT AT AZ	AN TS TD	J/800	✓	FBR	RF	D	
800		TG AL	TT AT AZ	AN TS TD	"	✓	"	"	D	
815		TG AL	TT AT AZ	AN TS TD	"	✓	"	"	D	
820	Chimps leaving the feeding tree and Moving									
825	AL and her family separated from Others									
	and Moved away TW JR followed them									
826	TG feeding on UVA ripe fruits									
830		TG	TT	TS TD	H/900	✓	UVA CAT	RF SL	D	
831	TG (ID) TT entered in to COA tree Silent and									
	start feeding on ripe fruits									
845		TG	TT	TS TD	H/900	✓	COA	RF	D	
850	It started raining									RN
900		TG	TT	TS TD	H/900	✓	COA	RF	D	
915		TG	TT	TS TD	"	✓	"	"	D	
930		TG	TT	TS TD	"	✓	"	"	D	

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD / Duration	NvD	Chase	Attack 1	Attack 2	Attack 3	Victim ID	Response of Victim: No	Av	Submission	Tn	Rt	RA	Context	Height: T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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KPC Behavior

Day 19th Month NOV Year 09 KPC SM Others KJ Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
945		TG	TT	TS TD	H/900	✓	COA	RF	Ø	
1000		TG	TT	TS TD	"	✓	"	"	Ø	
1015		TG	TT	TS TD	"	✓	"	"	Ø	
1030		TG	TT	TS TD	"	✓	"	"	Ø	
1045		TG	TT	TS TD	"	✓	"	"	Ø	
1100		TG	TT	TS TD	"	✓	"	"	Ø	
15		TG	TT	TS TD	"	✓	"	"	Ø	
1127	Chimps leaving the feeding tree end									
	Moving									
1129	Chimps entered into FEX tree and feeding									
	on young leaves									
1130		TG	TT	TD TS	H/900	✓	FEX	YL	Ø	
1145		TG	TT	TD TS	"	✓	"	"	Ø	
1157	It stoped raining									
1200		TG	TT	TD TS	H/900	✓	FEX	YL	Ø	

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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KPC Behavior

Day 19th Month NOV Year 09 KPC SM Others KJ Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1201	TS grooming TS									
1209	Mutual	groom	TJ ↔	TS						
1210	TS grooming TJ									
1215		TJ	TT	TS TD	H/900				Ø	
1222	TJ grooming		TS							
1230		TJ	TT	TS TD	H/900				Ø	
231	TS grooming TJ									
1233	TJ grooming TS									
1244	Chain	groom	TT →	TJ → TD						
1245		TJ	TT	TS TD	H/900				Ø	
1300		TJ	TT	TS TD	U	✓	FEX	YL	Ø	
1303	TJ joined the	party	then TJ	Made	Pant					PTJ
	grunts									
1305	Chimps	leaving	the	feeding	tree	and				
	Moving									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

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KPC Behavior

Day 19th Month NOV Year 09 KPC SM Others KJ Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1307	TJ grooming TJ									
1309	Hand clasp mutual groom	TJ			↔		TJ			HCG
1310	TJ groomed TJ after hand clasp									
1311	TJ grooming TT									
1313	TT grooming TJ									
1315	TJ	TJ	TT	TS TD	H/900				Ø	
1325	TT carrying (TD) from TJ and he climbed									CY
	a tree with her for 2 minutes in 20 metres									
1326	TJ climbed into FBR tree and start feeding									
1330	TJ	TJ	TT	TS TD	T/800	✓	FBR	RF	Ø	
1331	TJ grooming TT									
1345	TJ	TJ	TT	TS TD	T/800	✓	FBR	RF	Ø	
1348	TT grooming TJ									
1347	TJ grooming TT									
1358	TJ left the feeding and all chimps moved on ground									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD / Duration	NvD	Chase	Attack 1	Attack 2	Attack 3	Victim ID	Response of Victim: No	Av	Submission	Tn	Rt	RA	Context	Height T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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KPC Behavior

Day 19th Month Nov Year 09 KPC SM Others KJ Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1400	TJ	TG	TT	TS TD	T/800				Ø	
1403	TG grooming		TJ							
1405	Hand clasp mutual groom			TG ↔	TJ					HCG
1406	TG groomed TJ	after hand clasp								
1407	TJ grooming	TG								
1409	TG grooming TJ									
413	Hand clasp mutual groom				TG ↔	TJ				HCG
1414	TG groomed TJ	after	hand clasp							
1415	TJ	TG	TT	TS TD	T/900				Ø	
1415	Hand clasp mutual groom				TJ ↔	TG ←	TS			HCG
1416	TG groomed TJ	after hand clasp and								
	TS looking at them									
1419	TG and TS both grooming				TJ and	TT				
	grooming TD									
1421	Chain groom TS → TJ → TG									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Context	Height T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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KPC Behavior

Day 19th Month NOV Year 09 KPC SM Others KJ Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1422	Chain	groom	TJ and	TS →	TG	→	TT			
1428	Climbs	entered	into THV and	started feeding						
	in adense vegetation									
1430	TJ	TG	TT	TS TD	J/900	✓	THV	THV	Ø	
1445	TJ	TG	TT	TS TD	"	✓	"	"	Ø	
1500	TJ	TG	TT	TS TD	"	✓	"	"	Ø	
1515	TJ	TG	TT	TS TD	"	✓	"	"	Ø	
1530	TJ	TG	TT	TS TD	"	✓	"	"	Ø	
1545	TJ	TG	TT	TS TD	K/MFP	✓	"	"	Ø	
1600	TJ	TG	TT	TS TD	"	✓	"	"	Ø	
1614	TG grooming	TJ								
1615	TJ	TG	TT	TS TD	K/MFP				Ø	
1623	Chain	groom	TS →	TG →	T	J				
1624	Hand clasp	Mutual groom	TG ↔		T	J				HCG
1625	TG groomed	TJ after	hand clasp							

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

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1626	TG grooming TS									
1630	TJ	TG	TT	TS TD	K/800	✓	THV	THV	Ø	
1645	TJ	TG	TT	TS TD	"	✓	"	"	Ø	
1700	TJ	TG	TT	TS TD	"	✓	"	"	Ø	
1715	TJ	TG	TT	TS TD	"	✓	"	"	Ø	
1730	TJ	TG	TT	TS TD	"	✓	"	"	Ø	
1745	TJ	TG	TT	TS TD	L/800	✓	"	"	Ø	
1755	TG (TD) building		aright nest		tree = Olea					
	HT = 15M Dbh = 25 cm									
1800	TJ	TG	TT	TS TD	L/800	✓	THV	THV	Ø	
1815	TJ	TG	TT	TS TD	"	✓	"	"	Ø	
1817	OBS leaving the nest site.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

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		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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