DAY 06th MONTH Nov YEAR 09 OBS-PC SM TMF/40 KJ JR KP HOW FOUND N

	Estrus	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	TD	GRID	MNK	SP	PT
5:45																																																
6:00																																																
6:15													X											X	X																		X	X	M/23	None	—	—
6:30													X											X	X																		X	X			—	—
6:45													X											X	X																		X	X			—	—
7:00													X											X	X																		X	X			—	—
7:15													X											X	X																		X	X			CAF	YL
7:30													X											X	X																		X	X	↓		THV	THV
7:45													X											X	X																		X	X	M/23		—	—
8:00													X											X	X						X	X										X	X	L/23		FBR	RF
8:15													X											X	X						X	X										X	X				
8:30													X											X	X						X	X										X	X				
8:45													X											X	X						X	X										X	X				
9:00													X											X	X						X	X										X	X				
9:15													X											X	X						X	X										X	X				
9:30													X											X	X						X	X										X	X				
9:45													X											X	X						X	X										X	X				
10:00													X											X	X						X	X										X	X				
10:15													X											X	X						X	X										X	X				
10:30													X											X	X						X	X										X	X				
10:45													X											X	X						X	X										X	X				
11:00													X											X	X						X	X										X	X				
11:15													X											X	X						X	X										X	X			↓	↓
11:30													X											X	X						X	X										X	X			FBR	RF
11:45													X											X	X						X	X										X	X			—	—
12:00													X											X	X						X	X										X	X			—	—
12:15													X											X	X						X	X										X	X			—	—
12:30													X											X	X						X	X										X	X	↓	↓	—	—
12:45													X											X	X						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	TD				
13:00													X											X	X						X	X										X	X	L/23	None	—	—
13:15													X											X	X						X	X										X	X			—	—
13:30													X											X	X						X	X										X	X			—	—
13:45													X											X	X						X	X										X	X			—	—
14:00													X											X	X																		X	X			—	—
14:15													X											X	X																		X	X			MYR	RF
14:30													X											X	X																		X	X			TRI	YL
14:45													X											X	X																		X	X			THV	THV
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				
16:15													X											X	X																		X	X			↓	↓
16:30		*											X											X	X																		X	X			THV	THV
16:45													X											X	X																		X	X			FBX	YL
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	L/23		FBX	YL
18:30													X											X	X																		X	X	L/24	↓	—	—
18:45													X											X	X																		X	X	U	None	—	—
19:00																																																	
19:15																																																	
19:30																																																	
19:45																																																	
20:00																																																	
20:15																																																	
20:30																																																	
		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	TD	GRID	MNK	SP	PT
	Health												1											2	2																		1	1				

COMMENTS TT has dry Cough and TG 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

KPC BEHAVIOUR

DAY: 06th MONTH: Nov YEAR: 09 KPC: SM OTHERS: KJ JR Kp FOUND: N

TG (1)

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
610	OBS arrived at the nest				Site					
615	TJ	TG	TT	NP TS TD	LOG LC Train				Ø	
630	TJ	TG	TT	NP TS TD	H					
633	NP leaving a night nest									
645	TG	TG	TT	NP TS TD	LOG LC Train				Ø	
657	TG (TD)	leaving a night nest								
658	TS	leaving a night nest								
700	TJ	TG	TT	NP TS TD	LOG LC Train				Ø	
701	chimps climbed down on ground and									
	moving									
702	NP TG TT feeding on A RUB young leaves									
704	TT was heard coughing (dry cough)									
708	TG feeding on CAF young leaves									
715	TJ	TG	TT	NP TS TD	LOG LC Train	V	CAF	YL	Ø	
726	TT carrying (TD) from TG for 1 minute in									CY
	4 metres									
727	TG was heard sneezing									
730	TJ	TG	TT	NP TS TD	D HOL	V	THV	THV	Ø	

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN 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; IGI: inter-group interaction; LF: leaf use; MAT: monkeys attack; PIG: pigs; PRED: predation; PTG: pant-grunt; RN: rain; 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?)

KPC BEHAVIOUR

DAY: 06th MONTH: Nov YEAR: 09 KPC: SM OTHERS: KJ JR Kp FOUND: N

TG (1)

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
610	OBS arrived at the nest				Site					
615	TJ	TG	TT	NP TS TD	LOG LC Trail				D	
630	TJ	TG	TT	NP TS TD	H					
633	NP leaving a night nest									
645	TG	TG	TT	NP TS TD	LOG LC Trail				D	
657	TG (TD) leaving a night nest									
658	TS leaving a night nest									
700	TJ	TG	TT	NP TS TD	LOG LC Trail				D	
701	chimps climbed down on ground and moving									
702	NP TG TT feeding on A RUB young leaves									
704	TT was heard coughing (dry cough)									
708	TG feeding on CAF young leaves									
715	TJ	TG	TT	NP TS TD	LOG LC Trail	V	CAF	YL	D	
726	TT carrying (TD) from TG for 1 minute in 4 metres									Cy
727	TG was heard Sneezing									
730	TJ	TG	TT	NP TS TD	D 40m	V	THV	THV	D	

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN 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; IGI: inter-group interaction; LF: leaf use; MAT: monkeys attack; PIG: pigs; PRED: predation; PTG: pant-grunt; RN: rain; 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?)

KPC BEHAVIOUR

DAY: 06th MONTH: NOV YEAR: 09 KPC: SM OTHERS: KJ JR KP (2 LR ①) FOUND: N

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
745	TJ	TG	TT	NP TS TD	F 450				Ø	
750	Chimps climbed into FBR tree silent									
	and start feeding on ripe fruits they joined LR and LO									
800	TJ	TG LR	TT LO	NP TS TD	H 525	✓	FBR	RF	Ø	
815	TJ	TG LR	TT LO	NP TS TD	"	✓	"	"	Ø	
830	TJ	TG LR	TT LO	NP TS TD	"	✓	"	"	Ø	
845	TJ	TG LR	TT LO	NP TS TD	"	✓	"	"	Ø	
900	TJ	TG LR	TT LO	NP TS TD	"	✓	"	"	Ø	
915	TJ	TG LR	TT LO	NP TS TD	"	✓	"	"	Ø	
930	TJ	TG LR	TT LO	NP TS TD	"	✓	"	"	Ø	
942	TG grooming	TJ LO								
945	TJ	TG LR	TT LO	NP TS TD	H 525	✓	FBR	RF	Ø	
1000	TJ	TG LR	TT LO	NP TS TD	"	✓	"	"	Ø	
1015	TJ	TG LR	TT LO	NP TS TD	"	✓	"	"	Ø	
1030	TJ	TG LR	TT LO	NP TS TD	"	✓	"	"	Ø	
1045	TJ	TG LR	TT LO	NP TS TD	"	✓	"	"	Ø	
1100	TJ	TG LR	TT LO	NP TS TD	"	✓	"	"	Ø	
1111	TG (TD)	TT	LR (LO)	NP leaving the feeding tree and NEST on ground						

Aggression/Received aggression

Time	Aggr. ID	VD Duration	NvD	CHA	Attack 1	2	3	Vic ID	Response of victim: No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN 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; IGI: inter-group interaction; LF: leaf use; MAT: monkeys attack; PIG: pigs; PRED: predation; PTG: pant-grunt; RN: rain; 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?)

KPC Behavior

Day 06th Month NOV Year 09 KPC SM Others: KW JR KP Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1115	TJ	TG LR	LO TT	NP TS TD	H/525	✓	FBR	RF	Ø	
1118	TG grooming TT									
1130	TJ	TG LR	LO TT	NP TS TD	H/525	✓	FBR	RF	Ø	
1130	TT grooming TG									
1131	TJ leaving the feeding tree									
1134	TG grooming TJ									
1136	Mutual groom	TG ⟷ TJ								
1137	Hand clasp	Mutual groom			TG ⟷ TJ					HCG
1137	TG groomed TJ after hand clasp									
1140	TJ grooming TG									
1140	TT playing with TS by touching and carrying her around close to TG									CY
1141	Hand clasp	Mutual groom			TJ ⟷ TG					HCG
1142	TJ groomed TG after hand clasp									
144	TS grooming NP									

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	Response of Victim Av	Response of Victim Submission	Tn	Rt	RA	Context	Height 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
IGI: Intergroup interaction; **LF**: Leaf use; **MAT**: Monkeys attack; **PIG**: Pigs; **Pred**: Predation; **PTG**: Pant-grunt; **RN**: Rain
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?)

KPC Behavior

Day 06th Month Nov. Year 09 KPC SM Others KJ JR KP Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1145	TS	TG LR	TT LO	NP TS TD	H/525				Ø	
1145	NP grooming TS									
1146	TS grooming NP									
1147	NP grooming TS									
1149	TG grooming TJ									
1150	TT grooming TD									
1151	TJ grooming TG									
1152	TG grooming TJ									
1153	TS grooming NP									
1200	TJ	TG LR	TT LO	NP TS TD	H/525				Ø	
1203	TG grooming TS									
1206	TG grooming TT									
1210	chain groom TS → TG			→	T	T				
1215	TJ	TG	TT	NP TS TD	H/525				Ø	
217	TT grooming 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

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

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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?)

1205 LR (LO) left the party and moved away.

KPC Behavior

Day 06th Month NOV Year 09 KPC SM Others KJ JRKP Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1230	TJ	TQ	TT	NP TS TD	H/525				Ø	
1237	TQ grooming		TS							
1242	TS grooming		TQ							
1245	TJ	TQ	TT	NP TS TD	H/525				Ø	
1300	TJ	TQ	TT	NP TS TD	H				Ø	
1315	TJ	TQ	TT	NP TS TD	H				Ø	
1330	TJ	TQ	TT	NP TS TD	H				Ø	
1345	TJ	TQ	TT	NP TS TD	H				Ø	
1356	TQ grooming		TS							
1359	TT carrying (TD) for 1 minute in 4 metres									CY
1400	TJ	TQ	TT	NP TS TD	H/525				Ø	
1402	TS feeding on CHT young leaves									
1408	TQ TJ TT feeding on MYR ripe fruits									
	picking them from ground									
1415	TJ	TQ	TT	NP TS TD	H/525	✓	MYR CHT	RF YL	Ø	

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

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

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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?)

KPC Behavior

Day 06th Month NOV Year 09 KPC SM Others KJ JR KP Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1423	TJ feeding on	TR1 young leaves and	TJ							
	feeding on FUR unripe fruits									
1430	TJ	TJ	TT	NP TS TD	H 525	✓	TR1 FUR	YL UF	Ø	
1439	Chimps	feeding on THV in a dense vegetati								
	on									
1445	TJ	TJ	TT	NP TS TD	J 525	✓	THV	THV	Ø	
300	TJ	TJ	TT	NP TS TD	"	✓	"	"	Ø	
1515	TJ	TJ	TT	NP TS TD	"	✓	"	"	Ø	
1530	TJ	TJ	TT	NP TS TD	"	✓	"	"	Ø	
1535	it started raining									RN
1545	TJ	TJ	TT	NP TS TD	J 525	✓	THV	THV	Ø	
1600	TJ	TJ	TT	NP TS TD	"	✓	"	"	Ø	
1615	TJ	TJ	TT	NP TS TD	"	✓	"	"	Ø	
1630	TJ	TJ	TT	NP TS TD	"	✓	"	"	Ø	
1640	Chimps	leaving THV and	Moving							

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

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

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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?)

KPC Behavior

Day 06th Month NOV Year 09 KPC SM Others JR KP Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1645	TJ	TG	TT	NP TSTD	700 MFP	✓	FEX	YL	Ø	
1652	Chimps all climbed into FEX tree and start									
	feeding on young leaves Silent									
1700	TJ	TG	TT	NP TSTD	700 MFP	✓	FEX	YL	Ø	
1715	TJ	TG	TT	NP TSTD	〃	✓	〃	〃	Ø	
1730	TJ	TG	TT	NP TSTD	〃	✓	〃	〃	Ø	
1740	TJ leaving the feeding tree									
1750	It stoped raining									
1800	TJ	TG	TT	NP TSTD	700 MFP	✓	FEX	YL	Ø	
1808	TJ building a night rest tree = UVA									
	HT = 10 m Dbh = 14 cm									
1815	TJ	TG	TT	NP TSTD	700 MFP	✓	FEX	YL	Ø	
1822	TG (FD) TS TT leaving FEX tree and moving									
1830	TJ	TG	TT	NP TSTD	F 800				Ø	
833	It started raining again									RN

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

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

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IGI: Intergroup interaction; **LF**: Leaf use; **MAT**: Monkeys attack; **PIG**: Pigs; **Pred**: Predation; **PTG**: Pant-grunt; **RN**: Rain
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?)

KPC Behavior

Day 06th Month Nov Year 09 KPC SM Others JR KP Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1845	TJ	TG	TT	NP TSD	F/802				D	
1848	TG (TD) TT TS entered into FBR tree and started feeding silent.									
1850	OBS leaving the nest site									

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

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
IGI: Intergroup interaction; **LF**: Leaf use; **MAT**: Monkeys attack; **PIG**: Pigs; **Pred**: Predation; **PTG**: Pant-grunt; **RN**: Rain
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?)