DAY 24th MONTH Oct YEAR 09 OBS-PC SM TMF/40 SJ JM HOW FOUND FT

	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	AN	GRID	MNK	SP	PT
Estrus																																																	
5:45																																																	
6:00																																																	
6:15																																																	
6:30																																																	
6:45																																																	
7:00																																																	
7:15																																																	
7:30																																																	
7:45																							X	X	X			X		X	X	X															MJ25	RDT	FNA	RF
8:00																							X	X	X			X		X	X	X															"			
8:15																							X	X	X			X		X	X	X															*			
8:30												X											X	X	X			X		X	X	X															*			
8:45												X											X	X	X			X		X	X	X															*			
9:00												X											X	X	X			X		X	X	X															*			
9:15												X											X	X	X			X		X	X	X															*			
9:30												X											X	X	X			X		X	X	X															*			
9:45												X											X	X	X			X		X	X	X															*			
10:00												X											X	X	X			X		X	X	X															*			
10:15												X											X	X	X			X		X	X	X															*			
10:30												X											X	X	X			X		X	X	X															*			
10:45												X											X	X	X			X		X	X	X															*			
11:00												X											X	X	X			X		X	X	X															*			
11:15												X											X	X	X			X		X	X	X															*			
11:30												X											X	X	X			X		X	X	X															*			
11:45												X											X	X	X			X		X	X	X															*			
12:00												X											X	X	X			X		X	X	X															*	ENA	RF	
12:15												X											X	X	X			X		X	X	X															MJ25	None	THV	THV
12:30												X											X	X	X			X		X	X	X															L/24	"	—	—
12:45												X											X	X	X			X		X	X	X															"	"	PHY	RF
	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	AN				
13:00												X											X	X	X			X		X	X	X															L/24	None	PHY	RF
13:15												X											X	X	X			X		X	X	X															"	CAF	YL
13:30												X											X	X	X			X		X																		RDC		
13:45												X											X	X	X			X		X																				
14:00												X											X	X	X			X		X																				
14:15												X											X	X	X			X		X																				
14:30												X											X	X	X			X		X																			↓	↓
14:45												X											X	X	X			X		X																			CAF	YL
15:00												X											X	X	X			X		X																			THV	THV
15:15												X											X	X	X			X		X																			"	"
15:30												X											X	X	X			X		X																			—	—
15:45												X											X	X	X			X		X																			L/24	RDC	APH	RF
16:00												X											X	X	X			X		X																			L/23	None	—	—
16:15												X											X	X	X			X		X																			K/22	"	THV	THV
16:30												X											X	X	X			X		X																				RWC	CAT	YL
16:45												X											X	X	X			X		X																				"	—	—
17:00												X											X	X	X			X		X																				RDC	COA	RF
17:15												X											X	X	X			X		X																						
17:30												X											X	X	X			X		X																			↓	↓	↓	↓
17:45												X											X	X	X			X		X																			KJ22	RDC	COA	RF
18:00												X											X	X	X			X		X																			JP22	None	FBR	RF
18:15												X											X	X	X			X		X																			"	"	"	"
18:30																																																	
18:45																																																	
19:00																																																	
19:15																																																	
19:30																																																	
19:45																																																	
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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	TD	AN	GRID	MNK	SP	PT
Health																																2																	

COMMENTS LO has wet cough, BLU, RDT from 815–1200.

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

AL ① LR ① TJ ①

KPC Behavior

Day 24th Month Oct Year 09 KPC SM Others SA JM Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
743	OBS Found AL AN	AZ LR LO TJ TD			TS TT		in	FNA	tree	
	feeding at V/23									
748		LR AL TJ	LO TT AZ	AN TS TD	V/23	✓	FNA	RF	RDT	
800		LR AL TJ	LO TT AZ	AN TS TD	"	✓	"	"	"	
803	TT chased AZ and male attack ① to him with									
	a kick he fled screaming									
815		LR AL TJ	LO TT AZ	AN TS TD	V/23	✓	FNA	RF	BM RDT	
826	TJ joined the Party Others Made Pant hoots									
830	TJ	LR AL TJ	LO TT AZ	AN TS TD	V/23	✓	FNA	RF	BM RDT	
845	TJ	LR AL TJ	LO TT AZ	AN TS TD	"	✓	"	"	"	
900	TJ	LR AL TJ	LO TT AZ	AN TS TD	"	✓	"	"	"	
907	TJ grooming TT									
910	TT grooming TJ									
912	TJ grooming TS									
915	TJ	LR AL TJ	LO TT AZ	AN TS TD	V/23	✓	FNA	RF	BM RDT	

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
803	TT			6sec	✓			AZ		F	Scream				Unknown	T

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
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KPC Behavior

Day 24th Month Oct Year 09 KPC SM Others SJ TW JM Found FT

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
915	Chain	groom TS → TJ	→ TT							
928	LR	grooming TJ								
930	TJ	LR AL TJ	TT LO AZ	TS TD AN	V/23	✓	FNA	RF	BW RDT	
938	TJ	grooming TS								
945	TJ	LR AL TJ	TT LO AZ	TS TD AN	V/23	✓	FNA	RF	BW RDT	
1000	TJ	LR AL TJ	TT LO AZ	TS TD AN	〃	✓	〃	〃	〃	
1011	LR	grooming TJ								
1013	TJ	grooming LR								
1015	TJ	LR AL TJ	TT LO AZ	TD TS AN	V/23	✓	FNA	RF	BW RDT	
1016	LR	Made arm threat to	TT	He avoid				easual		
	Screaming									
1030	TJ	LR AL TJ	TT LO AZ	AN TD TS	V/23	✓	FNA	RF	BW RDT	
1041	TJ	leaving the feeding		tree						
1045	TJ	LR AL TJ	TT LO AZ	AN TD TS	V/23	✓	FNA	RF	BW RDT	
1100	TJ	LR AL TJ	TT LO AZ	AN TD TS	〃		〃	〃	〃	

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

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

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KPC Behavior

Day 24th Month Oct Year 09 KPC SM Others TW JM Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1101	TJ (TD)	leaving	the feeding tree							
1115	TJ	LR AL TJ	AZ TT LO	AN TS TD	V/23	V	FNA	RF	BW RDT	
1130	TJ	LR AL TJ	AZ TT LO	AN TS TD	"	V	"	"	"	
1133	Hand clasp mutual groom TJ ⟷ TJ									HCG
1135	TJ groomed TJ	after hand clasp								
1137	LR LO	leaving the feeding tree								
1137	Mutual groom	TJ ⟷ TJ								
1138	TJ groomed TJ	after mutual groom								
1139	LR and TJ both grooming	TJ								
1142	TJ grooming TJ									
1145	TJ	TJ AL LR	LO TT AZ	AN TS TD	V/23	V	FNA	RF	BW RDT	
1148	TJ groomed TD	shortly								
1149	TJ grooming TJ									
1156	TJ grooming TJ									
1200	TJ	TJ AL LR	LO TT AZ	AN TD TS	V/23	V	FNA	RF	BW RDT	

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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KPC Behavior

Day 24th Month Oct Year 09 KPC SM Others TW JM Found FT

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1200	chain groom		LR → TJ → TG							
1201	AL (AN) AZ leaving the feeding tree									
1202	Hand clasp mutual groom				AL ↔ LR					
1204	TS and TT leaving the feeding tree and									
	all chimps started moving on ground									
1211	Chimps feeding on THV while moving									
1215	TJ	HR AL TG	LO AZ TT	AN TS TD	R/21	V	THV	THV	Ø	
1216	LR grooming TJ									
1222	TG grooming TJ									
1225	chain groom		TT →	TG →	TJ					
1226	TS feeding on Phyto Macro ripe fruits									
1227	TG grooming TT									
1230	TJ	TG AL LR	TT AZ LO	TS AN TD	M/21				Ø	
1231	TS and TT feeding on NEO wood									
1234	Chimps climbed into PHy climber Silent and started feeding on ripe fruits									

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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RD: Rain display; SOIL: Eating red soil; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events
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1232 LO was heard coughing (wet cough)

KPC Behavior

Day 24th Month Oct Year 09 KPC SM Others TW JM Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1248	TJ	AL TG LR	TT LO AZ	AN TS TD	M/21		PHy	RF	0	
1300	TJ	AL TG LR	TT LO AZ	AN TS TD	"		"	"	0	
1307	Chimps	climbed	down on	ground	then	moving				
1314	AL AZ	feeding	on CAF	young	leaves					
1315	TJ	AL TG LR	TT AZ LO	TS TD AN	M/crd	✓	CAF	YL	0	
1316	TG TS TT	feeding	on CAF	young	leaves					
1322	LR (LO)	left	the	party	and	moved	away			
1330	TJ	TG AL	TT AZ	AN TS TD	M/crd	✓	CAF	YL	RDC	
1345	TJ	TG AL	TT AZ	AN TS TD	"	✓	"	"	"	
1400	TJ	TG AL	TT AZ	AN TS TD	"	✓	"	"	"	
1405	TG	grooming	(TD)							
1415	TJ	TG AL	TT AZ	AN TS TD	M/crd	✓	CAF	YL	RDC	
1430	TJ	TG AL	TT AZ	AN TS TD	"	✓	CAF THV	YL THV	"	
1445	TJ	TG AL	TT AZ	AN TS TD	"	✓	"	"	"	
1500	TJ	TG AL	TT AZ	AN TS TD	"	✓	THV	THV	"	

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 24th Month Oct Year 09 KPC SM Others TW Found FT

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1500	TJ grooming TS									
1515	TJ	TJ AL	TT AZ	AN TS TD	M/ crd	✓	THV	THV	RBC	
1525	Chimps	leaving	THV and	started	moving					
1530	TJ	TJ AL	TT AZ	AN TS TD	B/ 600				RBC	
1542	TJ (TD) TT TS	climbed	into	APH tree	Silent	and				
	started	feeding	on	ripe	fruits					
1545	TJ	TJ AL	TT AZ	AN TS TD	F/ 700	✓	APH	RF	RBC	
1546	Two Adult Males	of RBC	Monkeys	approach	chim					MAT
	Ps while	making	alarm	calls	harassing,	chased				
	them out	of	feeding	tree	TJ (TD)	TS	TT	fled		
	Silent									
1600	TJ	AL TJ	TT AZ	AN TS TD	J/ 700				Ø	
1614	Chimps	feeding	on	THV	while	Moving				
1615	TJ	AL TJ	TT AZ	AN TS TD	L/ 800	✓	THV	THV	Ø	
1630	TJ	AL TJ	TT AZ	AN TS TD	M	✓	CHT	JL	BWC	

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 24th Month Oct Year 09 KPC SM Others TW JM Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1645	TJ	TG AL	AZ TT	AN TS TD	L 800				BVC	
1659	chimps	climbed into COA tree			while					FBK
	making food barks then started feeding									
	on ripe fruits									
1700	TJ	TG AL	AZ TT	AN TS TD	800 Bug	✓	COA	RF	RDC	
1703	TJ chased AZ	in a feeding			tree		he fled			
	silent									
1715	TJ	TG AL	AZ TT	AN TS TD	800 Bug	✓	COA	RF	RDC	
1726	TG (TD)	leaving the feeding			tree		and			
	rest on ground									
1730	TJ	TG AL	AZ TT	AN TS TD	800 Bug	✓	COA	RF	RDC	
1745	TJ	TG AL	AZ TT	AN TS TD	"	✓	"	"	"	
1748	chimps	all leaving the feeding tree and								
	Moving									
1753	chimps food barks and	climbed into FBR tree	started feeding on ripe	while making fruits						FBK

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
1703	TJ			Seed				AZ		F	Silent				food competition	T

Copulation

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

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KPC Behavior

Day 24th Month Oct Year 09 KPC SM Others TW JM Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1800	TJ	AL TG	AZ TT	AN TS TD	800 Byg	✓	FBR	RF	Ø	
1811	TG (TD) leaving the feeding tree at same									
	time she entered into old nest and									
	Improving it tree = CAF HT=16m Dbh=30									
	Cm									
1819	TJ	TG AL	TT AZ	AN TS TD	800 Byg	✓	FBR	RF	Ø	
1820	OBS leaving the nest site.									

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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