DAY 27th MONTH Oct YEAR 09 OBS-PC SM TMF/40 SJ TW 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	AN	TS	GRID	MNK	SP	PT
5:45																																																
6:00																																																
6:15																																																
6:30																																																
6:45																															X	X												M125	Blu	FNA	RF
7:00																															X	X																
7:15																															X	X																
7:30																															X	X																
7:45																															X	X																
8:00																												X		X	X	X																
8:15							X																					X		X	X	X																
8:30							X																					X		X	X	X																
8:45							X																					X		X	X	X																
9:00							X																					X		X	X	X																
9:15							X																					X		X	X	X																
9:30							X																					X		X	X	X																
9:45							X																					X		X	X	X																
10:00							X																					X		X	X	X																
10:15											X												X	X				X		X	X	X			X	X												
10:30											X												X	X				X		X	X	X			X	X												
10:45											X												X	X				X		X	X	X			X	X												
11:00											X												X	X				X		X	X	X			X	X												
11:15											X												X	X				X		X	X	X			X	X												
11:30											X												X	X				X		X	X	X			X	X												
11:45											X												X	X				X		X	X																	
12:00											X												X	X				X		X	X																	
12:15											X												X	X				X		X	X																	
12:30											X												X	X				X		X	X																	
12:45											X												X	X				X		X	X										X							
	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	AN	TS	GRID	MNK	SP	PT
13:00											X												X	X				X		X																M125	X	FNA	RF
13:15											X												X	X				X		X																	X	"	"
13:30											X												X	X				X		X																	X	"	"
13:45											X												X	X				X		X																M125	X	—	—
14:00											X												X	X				X		X																N126	None	ADH	RF
14:15											X												X	X				X		X	X																	FEX	YL
14:30											X												X	X				X		X	X																		
14:45											X												X	X				X		X	X																		
15:00											X												X	X				X		X	X																N126		FEX	YL
15:15											X												X	X				X		X	X																M126		FBR	RF
15:30											X												X	X				X		X	X																		"	"
15:45											X												X	X				X		X	X																		"	"
16:00											X												X	X				X		X	X																		—	—
16:15											X												X	X				X		X	X																		—	—
16:30											X												X	X				X		X	X																		—	—
16:45											X												X	X				X		X	X																		—	—
17:00											X												X	X				X		X	X																M126		—	—
17:15											X												X	X				X		X	X																N126		CAF	YL
17:30				X							X												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																			
18:30																							X	X				X		X	X																N126	None	CAF	YL
18:45																																																
19:00																																																
19:15																																																
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	AN	TS	GRID	MNK	SP	PT
Health							1				2												1	1				1		1	1																			

COMMENTS TJ and TT have wee A. cough. Blu and MGB from 1145 — 1230
Blu, MGB, RDT 1245 — 1345.

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

LR① AL①

KPC BEHAVIOUR

DAY: 27th MONTH: Oct YEAR: 09 KPC: SM OTHERS: SN TW FOUND: F T

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
640	OBS Found LR LO in			FNA tree			feeding at			
	V/23									
645		LR	LO		V/23	✓	FNA	RF	Blu	
700		LR	LO		"	✓	"	"	"	
715		LR	LO		"	✓	"	"	"	
730		LR	LO		"	✓	"	"	"	
745		LR	LO		"	✓	"	"	"	
800		LR	LO		"	✓	"	"	"	
801	LK AL (AN) AZ		joined	LR LO	them LR Mode					
	pant barks									
815	LK	AL LR	LO AZ	AN	V/23	✓	FNA	RF	Blu	
830	LK	AL LR	LO AZ	AN	"	✓	"	"	"	
845	LK	AL LR	LO AZ	AN	"	✓	"	"	"	
857	LR approach	pant grunting to	LK	he groomed						PTG
	her									
859	LR grooming	LK								
900	LK	AL LR	LO AZ	AN	V/23	✓	FNA	RF	Blu	
905	LK grooming	LR								

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?)

WL(1) QN(1) TG(1)

KPC BEHAVIOUR

DAY: 27th MONTH: Oct YEAR: 09 KPC: SM OTHERS: SJ TW FOUND: FT

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
907	LR grooming LK									
915	LK	LR AL	LO AZ	AN	V/23	✓	FNA	RF	Blu	
930	LK	LR AL	LO AZ	AN	"	✓	"	"	"	
945	LK	LR AL	LO AZ	AN	"	✓	"	"	"	
1000	LK	LR AL	LO AZ	AN	"	✓	"	"	"	
1005	LK leaving the feeding tree									
1011	TG, WL QN with their families together									
	with NP joined the party				TJ	TJ	Made	VS		
	Others made pant hoots									
1015	TJ	LR AL TG WL QN	QN LOWT TT AZ	AN TD TS NP	V/22	✓	FNA	RF	Blu	
1020	LK left the party and moved away									
1030	TJ	LR AL TG WL QN	QN LOWT TT AZ	AN TD TS NP	V/23	✓	FNA	RF	Blu	
1045	TJ	LR AL TG WL QN	QN LOWT TT AZ	AN TD TS NP	"	✓	"	"	"	
1100	TJ	LR AL TG WL QN	QN LOWT TT AZ	AN TD TS NP	"	✓	"	"	"	
1112	LR (LO) leaving the feeding tree									
1115	TJ	LR TG AL WL QN	QN LOWT TT AZ	AN TD TS NP	V/22	✓	FNA	RF	Blu	
1117	TJ and WL QN with their families leaving the feeding tree									

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: 27th MONTH: Oct YEAR: 09 KPC: SM OTHERS: ST FM TW JR FOUND: FT

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1130	TJ	LR QT WL TG AL	AZ TT WC QN LO	AN NP TD TS	V/23	✓	FNA	RF	Blu	
1132	LR QT WL with their families left the party and moved away									
1145	TJ	AL TG	TT AZ	AN TS TD NP	V/23	✓	FNA	RF	Blu MGB	
1200	TJ	AL TG	TT AZ	AN TS TD NP	"	✓	"	"	"	
1215	TJ	AL TG	TT AZ	AN TS TD NP	"	✓	"	"	"	
1230	TJ	AL TG	TT AZ	AN TS TD NP	"	✓	"	"	"	
1245	TJ	AL TG	TT AZ	AN TS TD NP	"	✓	"	"	Blu MGB RDT	
1300	TJ	AL TG	TT AZ	AN TS TD NP	"	✓	"	"	"	
1315	TJ	AL TG	TT AZ	AN TS NP TD	"	✓	"	"	"	
1329	TT was heard coughing (wet cough).									
1330	TJ	AL TG	TT AZ	AN NP TS TD	V/23	✓	FNA	RF	Blu MGB RDT	
1343	Chimps leaving the feeding tree and Moving on ground									
1345	TJ	AL TG	TT AZ	AN TS NP TD	V/23				Blu MGB RDT	
1351	TT made attack Q to TS with Slaps she avoid casual screaming and TG made Waar barks TT fled Silent									
1357	Chimps climbed into APH grooves silent and started feeding on ripe fruits									

Aggression/Received aggression

Time	Aggr. ID	VD	NvD	CHA	Attack 1	2	3	Vic ID	Response of victim No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G
1351	TT				✓			TS		C		✓			Unknown	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 27th Month Oct Year 09 KPC SM Others ST FM TW TR Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1400	TJ	TG AL	TT AZ	AM NP TS TD	F/21	✓	API	RF	Ø	
1415	TJ	LR TG AL	LO TT AZ	AM TS NP TD	"	✓	FEX	YL	Ø	
1428	TJ was heard Coughing (wet cough).									
1430	TJ	LR TG AL	LO TT AZ	NP TD TS AN	F/21	✓	FEX	YL	Ø	
1445	TJ	LR TG AL	LO TT AZ	NP TS TD AN	"	✓	"	"	Ø	
1500	TJ	LR TG AL	LO TT AZ	NP TD TS AN	"	✓	"	"	Ø	
1511	TG (ID) TS	TT NP leaving the feeding tree and moving								
1514	TG (FD) TT TS NP	climbed into FBR tree						Silent A		
	and started feeding									
1515	TJ	LR TG AL	LO TT AZ	NP TD TS AN	F/23	✓	FBR FEX	RF YL	Ø	
1530	TJ	LR AL TG	LO TT AZ	NP TS TD AN	"	✓	"	"	Ø	
1545	TJ	LR AL TG	LO TT AZ	NP TS TD AN	"	✓	"	"	Ø	
1600	TJ	LR TG AL	LO TT AZ	NP TS TD AN	"				Ø	
1605	NP AL AN AZ LR LO	TJ left the party			KJ	TW FM followed them				
1615		TG	TT	TS TD	F/23				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

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?)

1404 LR (LO) joined the party but no calls made.

KPC Behavior

Day 27th Month Oct Year 09 KPC SM Others SJ JR Found FT

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1620	chimps	leaving the feeding	tree					and rest		
	up in	different	tree's							
1630		TG	TT	TS TD	F/23				D	
1645		TG	TT	TS TD	4				D	
1700		TG	TT	TS TD	h				D	
1706	chimps	climbed down on ground then								
	Moving									
1712	Chimps	climbed into CAF tree and Started								
	feeding on young leaves									RN
1713	It started raining									
1715		TG	TT	TS TD	S/BFP	✓	CAF	YL	D	
1723	YB and	TJ joined making vocal			rain display					RD
	TG TS	JT made pant barks								
1730	YB TJ	TG	TT	TS TD	S/BFP	✓	CAF	YL	D	
1737	TS approach TG to her	while screaming they shake hands			She extend hand					

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
1723	YB TJ	20sec						None							Reunion	G

Copulation

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

Estrous: 1=None, 2=Partial, 3=Full

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK

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 27th Month Oct Year 09 KPC SM Others ST JR Found FT

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1740	YB and TJ left the party and moved away									
1745		TG	TT	TS TD	S/BFP	✓	CAF	YL	Ø	
1800		TG	TT	TS TD	"	✓	"	"	Ø	
1808	it stoped raining									
1815		TG	TT	TS TD	S/BFP	✓	CAF	YL	Ø	
1818	TG (TD)	building a night nest tree = CAF								
	Ht = 18 m Dbh = 28 cm									
1880		TG	TT	TS TD	S/BFP	✓	CAF	YL	Ø	
1831	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	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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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?)