DAY 06th MONTH March YEAR 09 OBS-PC SM TMF/40 KJ TW MK HOW FOUND FT

	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	GRID	MNK	SP	PT
5:45																																															
6:00																																															
6:15																																															
6:30																																															
6:45																																															
7:00																																															
7:15										X		X	X											X	X	X																		M26	None	FCP	RF
7:30										X		X												X	X																						
7:45										X		X												X	X															X	X						
8:00												X												X	X																						
8:15												X												X	X																						
8:30												X												X	X																						
8:45																								X	X																						
9:00																								X	X																						
9:15																								X	X																						
9:30																								X	X																						
9:45					X																			X	X																			None			
10:00					X																			X	X																			MGB			
10:15					X																			X	X																						
10:30					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	X	X								
11:45				X	X					X		X												X	X				X	X						X	X	X								
12:00				X	X					X		X												X	X				X	X						X	X	X						MGB			
12:15	X			X	X			X		X		X												X	X				X	X	X					X	X							X			
12:30	X			X	X			X		X		X												X	X				X	X	X					X	X							X			
12:45	X			X	X			X		X		X												X	X				X	X	X					X	X						M26	X	FCP	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				
13:00	X			X	X			X		X		X												X	X				X	X	X					X	X						M26	X	FCP	RF
13:15	X			X	X			X		X		X												X	X				X	X	X					X	X							None		
13:30	X			X	X			X		X		X												X	X				X	X	X					X	X									
13:45	X			X	X			X		X		X												X	X				X	X	X					X	X									
14:00	X			X	X			X		X		X												X	X				X	X	X					X	X									
14:15	X			X	X			X		X		X												X	X				X	X	X					X	X									
14:30	X			X	X			X		X		X												X	X				X	X	X					X	X									
14:45	X			X	X			X		X		X												X	X				X	X	X					X	X							FCP	RF
15:00	X			X	X			X		X		X												X	X				X	X	X					X	X							THV	
15:15	X			X	X			X		X		X												X	X				X	X	X					X	X								
15:30	X			X	X			X		X		X												X	X				X	X	X					X	X								
15:45	X			X	X			X		X		X												X	X				X	X	X					X	X								
16:00	X			X	X			X		X		X												X	X				X	X	X					X	X								
16:15	X			X	X			X		X		X																	X	X	X					X	X								
16:30	X			X	X			X		X		X																	X	X	X					X	X								
16:45	X			X	X			X		X		X																	X	X	X					X	X						M26			
17:00	X			X	X			X		X		X																	X	X	X					X	X						M27			
17:15	X			X	X			X		X		X																	X	X	X					X	X									
17:30	X			X	X			X		X		X																	X	X	X					X	X									
17:45	X			X	X			X		X		X																	X	X	X					X	X									
18:00	X			X	X			X		X		X																	X	X	X					X	X									
18:15	X			X	X			X		X		X																	X	X	X					X	X									
18:30	X			X	X			X		X		X																	X	X	X					X	X						M27	None	THV	
18:45																																															
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	GRID	MNK	SP	PT
	Health																																															

COMMENTS BAB, MGB 1215 — 1300.

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

TJ (2) QT (1)

KPC Behavior

DAY 06th MONTH March YEAR 09 OBSERVER MK SMKJTW Found: C (FT) FFT N Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
712	OBS found chimps in FCP tree feeding at B/27									
715	TJ PG PB	TG	TT	TS	B/27	✓	FCP	RF	Ø	
724	TT grooming himself									
730	TJ PG PB	TG	TT	TS	B/27	✓	FCP	RF	Ø	
732	QT QV joined the party She made Pant									
	barks but others didn't respond.									
738	Heard distant calls from South west of K-14									
	this party responded with pant hoots									
744	PG QT QV PB leaving the feeding tree									
745	TJ PG PB	TG QT	TT QV	TS	B/27	✓	FCP	RF	Ø	
749	PG QT QV PB left the party and moved away									
800	TJ	TG	TT	TS	B/27	✓	FCP	RF	Ø	
815	TJ	TG	TT	TS	"	✓	"	"	Ø	
829	TJ leaving the feeding tree									
830	TJ	TG	TT	TS	B/27	✓	FCP	RF	Ø	
840	TJ left the party and moved away									
845		TG	TT	TS	B/27	✓	FCP	RF	Ø	
900		TG	TT	TS	"	✓	"	"	Ø	
915		TG	TT	TS	"	✓	"	"	Ø	
930		TG	TT	TS	"	✓	"	"	Ø	

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

WL (1) AL (1)

KPC Behavior

DAY 06th MONTH March YEAR 09 OBSERVER SM KT Found: C (FT) FFT N Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
943	YB joined the party	TG TS TT made pant hoots								
945	YB	TG	TT	TS	B/27	✓	FCP	RF	Ø	
1000	YB	TG	TT	TS	"	✓	"	"	MgB	
1015	YB	TG	TT	TS	"	✓	"	"	"	
1029	PG joined the party he made non vocal displays and stapping the ground TG and TT made pant hoots									
1030	YB PG	TG	TT	TS	B/27	✓	FCP	RF	MgB	
1034	KK and BB joined the party KK made non vocal displays and dragging stick Others ID's made Pant barks									
1037	TG approached KK while making pant barks she presented to him KK ignored									
1040	WL WC NP joined the party they made pant hoots Others also responded with pant hoots									
1044	AL AT AZ joined the party making pant barks Others didn't respond.									
1045	KK YB BB PG	AL WL TG	WC AZ AT JT	TS NP	B/27	✓	FCP	RF	MgB	
1045	BB chassed TG who fled screaming both leaving the tree									
1047	BB entered again to afeeding tree									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY 06th MONTH March YEAR 09 OBSERVER SM KJ BP Found: C (FT) FFT N Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1058	Cop. Scream and dart	appro. F->M 10sec			no		groom	no		CP PG->TG
	no interference									
1058	AL chassed TT	in a feeding tree			he		fled			screaming Others did not respond
1100	PG BB YB KK	TG WL AL	TT AT AZ WC	TSNP	B/27	✓	FCP	RF	MGB	
1103	WL made	waar barks and	chassed	AT	who					fled screaming
1105	WL chassed AT	he fled	screaming	and	making					waar barks and
	YB made non	vocal	displays	towards	WL and	AT	then	WL	extended	hand
	to YB but no contact									
1115	PG BB YB KK	TG WL AL	TT AT AZ WC	TSNP	B/27	✓	FCP	RF	MGB	
1126	KK approached AT	who made	pant barks	to	him.					then KK chassed
	AT he fled	screaming								
1129	PB QT QV TJ joined	the party	but	no	calls made					
1130	PG BB KK PB YB TJ	TG AL WL QT	QV AZ AT WC TT	TSNP	B/27	✓	FCP	RF	MGB	
1145	PG BB YB KK PB TJ	TG AL WL QT	QV AZ AT WC TT	TSNP	"	✓	"	"	"	
1154	YB leaving	the feeding tree								
1157	WL approach	pant barking	to		BB		he	ignored		
1200	PG YB BB TJ PB KK	AL WL QT TG	QV AZ AT WC TT	TSNP	B/27	✓	FCP	RF	MGB	

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

LR (1)

KPC Behavior

DAY 06th MONTH March YEAR 09 OBSERVER SM KJBP Found: C (FT) FFT N Other_____

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1205	YB BB PB NP and Tg WL QT with their familliies									
	leaving the feeding tree									
1207	AL presented to TJ he Inspected her by touch									
	on estrous and smelling on fingers									
1214	AL AZ leaving the feeding tree									
1215	LK AJ ST and LR LO joined the party and									
	LK AJ ST made joint vocal displays others made									
	pant barks and pant hoots									
1219	ST AJ KK TJ BB LK YB PG PB	AL Tg WL LR QT	AZ TT QV AT WC LO	TS NP	B/27	✓	FCP	RF	BAB MGB	
1226	Some Individuals feeding on THV in adense vege									
	tation									
1230	ST AJ KK TJ BB LK YB PG PB	AL Tg WL LR QT	AZ TT QV AT WC LO	TS NP	B/27	✓	FCP THV	RF	MGB BAB	
1245	ST AJ KK TJ BB LK YB PG PB	AL Tg WL LR QT	AZ TT QV AT WC LO	TS NP	n	✓	n	n	n	
1300	ST BB YB KK PG PB AJ LK TJ	AL Tg WL LR QT	TT AZ QV AT WC LO	TS NP	n	✓	n	n	n	
1315	ST BB YB KK PB AJ LK PG TJ	AL Tg WL LR QT	TT AZ QV AT WC LO	TS NP	n	✓	n	n	Ø	
1320	LR Made waar barks and chassed AT who									
	fled pant barking									
1324	LR chassed AT he fled pant barking									
1328	Some one was chassed in adense view									
	who fled screaming other made waar barks									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY 06th MONTH March YEAR 09 OBSERVER MK SMK KJ TW Found: C (FT) FFT N Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF						
1330	KK LK TJ AJ YB PG PB BB ST	TG WL QT LR AL	TT AT AZ BV WC LO	TS NP	B/27	~	FCP THV	RF	∅	
1345	KK LK TJ AJ YB PG PB BB ST	TG WL QT LR AL	TT AT AZ BV WC LO	TS NP	"	~	"	"	∅	
1345	TJ leaving the feeding tree									
1347	QT made waar barks and chasing AZ he fled screaming									
1348	QT chasing AZ he fled Screamming AL made waar barks and QT stoped chassing AZ									
1400	LK KK TJ AJ YB PG BB PB ST	TG WL QT LR AL	TT AT AZ BV WC LO	TS NP	B/27	~	FCP THV	RF	∅	
1415	LK KK TJ AJ YB PG BB PB ST	TG WL QT LR AL	TT AT AZ BV WC LO	TS NP	"	~	"	"	∅	
1416	PG LK QT (QV) leaving the feeding tree									
1420	PB and LR (LR) leaving the feeding tree									
1423	Chain groom PB → QT → LK → PG									
1424	PB grooming QT and PG grooming LK									
1426	LK grooming PG and LR grooming PB									
1430	KK LK TJ AJ YB BB PG PB ST	TG WL LR QT AL	TT AT AZ BV WC LO	TS NP	B/27	~	FCP THV	RF	∅	
1432	Hand clasp mutual groom LR ↔ PG									HCG
1433	LR groomed PG after hand clasp									
1433	WL approach Pant grunting to PG and groomed him									PTG
1434	PG and LR grooming WL									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY 06th MONTH March YEAR 09 OBSERVER SM KJ MK BP IW Found: C (FT) FFT N Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1434	AJ leaving the feeding tree									
1435	Hand clasp mutual groom				WL ←→ PG					Hcg
1436	WL groomed PG									
1437	QT grooming PB									
1439	Chimps leaving the feeding tree and feeding on ground then moving but AL AZ AT remained in tree									
1442	Chain groom AJ → KK → YB									
1444	KK grooming YB									
1445	KK BB ST YB TJ PG PB AJ	AL WL LR TG BT	TT AT AZ BY WC LO	TS NP	B/27	✓	FCP	RF	∅	
1450	AJ grooming BB and NP grooming her self									
1451	Chain groom LR → WL → PG → QT									
1452	Chain groom QT → KK → ST									
1453	Hand clasp mutual groom ST ←→ BB ← PG									Hcg
1453	LR grooming AJ									
155	KK grooming WL									
1456	Mutual groom BB ←→ ST and WL grooming									KK
1458	Chain groom PG → BB → ST									
1459	AL AT AZ leaving the tree and some ID's feeding									THV
1500	KK TJ AJ PG ST BB PB YB	AL WL TG BT LR	AT BY TT AZ WC LO	TS NP	B1/27	✓	THV		∅	
1501	KK made non vocal displays PG ST BB AJ GI WL ST fled pant barking and LR fled screaming									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY 06th MONTH March YEAR 09 OBSERVER SMKJ TW MK BP Found: C (FT) FFT N Other_____

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1505	Some one made non vocal displays in adense									
	vegetation some ID's fled pant barking									
1505	AL approach pant barking to AJ he Ignored									
1506	WL approach pant grunting to AJ he Ignored PTG									
1511	AJ grooming himself									
1515	KK BB ST YB LK PG AJ PB TJ	TG AL WL LR QT	QV AZ AT LO WC TT	NP TS	B2/28	✓	THV		Ø	
1520	ST grooming himself									
1530	KK BB ST YB AJ LK PG PB TJ	TG AL WL LR QT	QV AZ AT LO WC TT	NP TS	B2/28	✓	THV		Ø	
1545	KK BB ST YB AJ LK PG PB TJ	TG AL WL LR QT	QV AZ AT LO WC TT	NP TS	11	✓	n		Ø	
1600	KK BB ST YB AJ LK PG PB TJ	TG AL WL LR QT	QV AZ AT LO WC TT	NP TS	F/28		n		Ø	
1608	Some Individuals separated in the group and									
	moved away									
1615	BB ST PB PG AJ KK	AL QT WL LR	WC AT AZ QV LO	NP	F/28	✓	THV		Ø	
1620	ST feeding on CHT young leaves									
1630	BB ST PB PG AJ KK	AL QT WL LR	WC AT AZ QV LO	NP	F/28	✓	THV		Ø	
1645	BB ST PB PG AJ KK	AL QT WL LR	WC AT AZ QV LO	NP	n	✓	n		Ø	
1700	BB ST PB PG AJ KK	AL QT WL LR	WC AT AZ QV LO	NP	G/S	✓	11		Ø	
1715	BB ST PB PG AJ KK	AL QT WL LR	WC AT AZ QV LO	NP	n	✓	n		Ø	
1730	BB ST PG PB AJ KK	AL QT WL LR	WC AT AZ QV LO	NP	n	✓	n		Ø	
1745	BB ST PG PB AJ KK	AL QT WL LR	WC AT AZ QV LO	NP	n	✓	n		Ø	

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events

KPC Behavior

DAY 06th MONTH March YEAR 09 OBSERVER SM TW MK Found: C (FT) FFT N Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1753	LR grooming Lo									
1755	LR grooming QT									
1800	KK YB PB BB PG PJ ST	LR QT WL AL	QV AZ AT WC	NP	G/S	✓	THv		Ø	
1809	PG feeding on black soil from roots of a fallen tree									
1813	BB build a night nest and rest tree = Dosp HT = 1.5M									
	Dbh = 28cm									
1814	PG build a night nest and rest tree = Dosp HT = 12m									
	Dbh = 25cm									
1815	KK BB YB PG PB PJ ST	LR QT WL AL	QV AZ AT WC	NP	S/28	✓	THv		Ø	
1819	KK build a night nest and rest tree = Dosp HT = 14m									
	Dbh = 28 cm									
1830	KK BB YB PG PB PJ ST	LR QT WL AL	QV AT AZ WC	NP	S/28	✓	THv		Ø	
1831	Some ID's resting in canopy view									
1835	OBS. leaving the nest site.									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; CP: Copulation; CY: Carry; DR: Drink; FBK: Food bark; HCG: Hand-clasp groom; HNY: Honey; IGI: Intergroup interaction; LF: Leaf use; MAT: Attacked by monkeys; PIG: Pigs; PRED: Predation; PTG: Pant-grunt; RN: Rain; RD: Rain display; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events