DAY 06th MONTH JAN YEAR 09 OBS-PC SM TMF/40 RS SJ ICME HOW FOUND C

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	CV	GRID	MNK	SP	PT
Estrus																																1					1											
5:45																																															
6:00																																														
6:15																																														
6:30																																														
6:45																																														
7:00				X			X																									X	X							X			N/25	BW	FEX	RF
7:15				X			X		X																							X								X				"		
7:30				X			X		X																							X								X				X		
7:45				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	FEX	RF
8:30				X			X		X																							X					X			X		X		None	FNA	RF
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			—	—
9:30				X			X																									X					X			X		X			—	—
9:45				X			X																									X					X			X		X			—	—
10:00				X			X																									X					X			X		X			—	—
10:15				X			X																									X					X			X		X			—	—
10:30				X			X																									X					X			X		X			—	—
10:45				X			X																									X					X			X		X			—	—
11:00				X			X																									X					X			X		X			—	—
11:15				X			X																									X					X			X		X			—	—
11:30				X			X																									X					X			X		X			FNA	RF
11:45				X			X																																	X					"	"
12:00				X			X																																	X				N/25	✓	—	—
12:15				X			X																																	X				M/25	None	—	—
12:30				X			X																																	X				"	RDC	THV	
12:45				X			X																																	X				"	"	"	
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	CV	GRID	MNK	SP	PT
13:00				X			X																																	X				M/25	RDC	THV	
13:15				X			X																																	X				"	"	"	
13:30				X			X																																	X				"	"	"	
13:45				X			X																																	X				"	None	—	—
14:00				X			X		X			X																													X						FNA	RF
14:15				X			X		X			X																													X							
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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				✓	✓	FNA	RF
18:00				X			X		X			X																													X				M/25	None	—	—
18:15				X			X		X			X																																	M/24	MGB	FRR	RF
18:30				X			X		X			X																																		"	"	"
18:45				X			X		X			X																																		None	THV	
19:00				X			X		X			X																																	✓	"	"	
19:15				X			X		X			X																																	M/24	"	"	
19:30																																															
19:45																																															
20:00																																															
20:15																																															
20:30																																															
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	AM	BL	BU	BO	MU	MX	OU	OK	OT	OG	OM	TG	TT	TS	UM	UN	AL	AT	AZ	LR	LO	WA	WE	WL	QT	JK	HH	LS	NP	EU	CV	GRID	MNK	SP	PT
Health	-	-	1	1	-	-	1	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	1	-	2				

COMMENTS BW was heard sneezing and BluRDC from 730–815.

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

LR (1) GT (1)

KPC Behavior

DAY 06 MONTH JAN YEAR 09 OBSERVER MF RS SM SJ IC 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
651	OBS heard calls we followed and found									
	YB LK LR LO NP travelling on ground at				B/16					
655	chimps climbed into FEX tree while									Making
	pant hoots and started feeding on ripe fruits									
700	LK YB	LR	LO	NP	B/16	✓	FEX	RF	BM	
715	PG joined the party but no						calls	were		
	made.									
718	YB LK PG	LR	LO	NP	B/16	✓	FEX	RF	BM	
727	LK chassed NP in feeding tree						She	fled		
	pant barking									
730	YB LK PG	LR	LO	NP	B/16	✓	FEX	RF	BM RDT	
745	YB LK PG	LR	LO	NP	"	✓	"	"	"	
754	GT (Q) → joined the party then GT made									
	pant barks but no one responded.									
757	GT approach pant grunting to LK and she presented									PTG
	to him then LK groomed GT shortly									
800	YB LK PG	LR GT	Q LO	NP	B/16	✓	FEX	RF	BM RDT	
801	YB and LK leaving the feeding tree									
804	LR grooming PG									
805	Hand clasp mutual groom LR ↔ PG									HCG

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 JAN YEAR 09 OBSERVER EMICTWMERS SMSTKJ 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						
806	LR groomed PG after hand clasp									
809	PG grooming LR									
815	PG YB LK	LR QT	QV LO	NP	B/16	✓	FEX	RF	Blu Pst	
820	Chimps leaving the feeding tree and reach on ground then traveling									
824	Chimps climbed into FNA tree while Making Pant hoots and started feeding on ripe fruits									
830	PG YB LK	LR QT	QV LO	NP	F/17	✓	FNA	RF	Ø	
837	LR Chassed NP in feeding tree she fled Screaming									Heg
842	PG YB LK	LR QT	QV LO	NP	F/17	✓	FNA	RF	Ø	
851	LK leaving the feeding tree									
855	YB and LR (LO) leaving the feeding tree reach on ground then rest									
856	LR grooming YB									
857	Hand clasp mutual groom				YB ↔				LR	Heg
858	YB groomed LR after hand clasp									
859	QT (QV) leaving the feeding tree									
859	Hand clasp mutual groom				LR ↔				YB	Heg
900	PG YB LK	LR QT	QV LO	NP	F/17	✓	FNA	RF	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 JAN YEAR 09 OBSERVER SMEJKT FMICTWMERS 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						
900	YB groomed LR after hand clasp									
901	LR grooming YB									
903	YB grooming himself									
910	NP leaving the feeding tree and she build a day nest then rest tree = BDS.				tree					
	HT = 14 m									
910	PG is out of view									
915	LK YB	LR QT	QV LO	NP	F/17				Ø	
919	LO was heard sneezing									
930	LK YB	LR QT	QV LO	NP	F/17				Ø	
931	LR approach Pant grunting to LK he ignored									PTG
	then LR groomed LK									
932	Hand clasp mutual groom						LR ⇔ LK			HCG
933	LR groomed LK after hand clasp									
945	LK YB	LR QT	QV LO	NP	F/17				Ø	
1000	LK YB	LR QT	QV LO	NP	"				Ø	
1015	LK YB	LR QT	QV LO	NP	"				Ø	
1030	LK YB	LR QT	QV LO	NP	"				Ø	
1040	YB grooming himself									
1042	LR feeding on TDI young leaves									

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 JAN YEAR 09 OBSERVER SM SJ KJ FM ICT WME RS 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
1045	LK YB	QT LR	QV LO	NP	F/17					
1048	LK and LR both grooming YB									
1050	Hand clasp Mutual groom				LR <->			YB		HCG
1051	LR and YB both groomed				YB		after	hand clasp		
1052	Chain groom		LK ->	YB ->	LR					
1054	LR grooming LK									
1056	LK grooming YB and		LR grooming		LO					
1100	YB LK	LR QT	LO QV	NP	F/17				Ø	
1100	QT approach Pant grunting to				YB and		LK	they		PTG Ignored
	then QT groomed YB									
1103	YB grooming QT									
1109	QT grooming YB									
1112	YB grooming QT									
1113	YB grooming LK									
1115	LK YB	LR QT	QV LO	NP	F/17				Ø	
1118	QT grooming herself									
1119	Hand clasp Mutual groom				LK <->			YB		HCG
1120	YB groomed LK after hand				clasp					
1120	NP leaving a day nest and				went		back	to		
	a fig tree then		started	feeding						

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 JAN YEAR 09 OBSERVER SM STK LC TWAMMERS 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						
1122	LK grooming YB									
1124	QV was heard SNeezing									
1126	LK grooming himself									
1127	QT grooming QV and YB grooming himself									
1130	LK YB	LR QT	NO QV	NP	F/17	✓	FNA	RF	Ø	
1138	LR (LO) and QT (QV) left the party and moved away									
	Two followed them									
1145	LK YB			NP	F/17	✓	FNA	RF	Ø	
1158	LK grooming YB									
1158	NP leaving the feeding tree									
1200	LK YB			NP	F/17				Ø	
1202	YB grooming									
1204	NP grooming herself									
1206	LK grooming himself and NP grooming herself									
1207	LK made vocal displays and YB joined him									
	with vocal displays NP made pant hoots									
1208	NP feeding on black soil from along the trail				A					
1210	LK made vocal displays NP responded with									
	hoo's									
1211	LK feeding on TRI young leaves									

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 JAN YEAR 09 OBSERVER FMICMERS SMSTKJ 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						
1213	Chimps feeding THV in a dense vegetation									
1215	LK YB			NP	B/19	✓	THV		Ø	
1230	LK YB			NP	"	✓	"		RDC	
1245	LK YB			NP	"	✓	"		"	
1300	LK YB			NP	"	✓	"		"	
1315	LK YB			NP	"	✓	"		"	
1330	LK YB			NP	"	✓	"		"	
1330	YB grooming LK									
1331	Hand clasp mutual groom				YB ↔		LK			HCG
1333	LK groomed YB after hand clasp									
1340	LK YB feeding on Sand SOIL from roots									
	Of a fallen tree									
1341	NP feeding on Sand SOIL from roots of a fallen tree									
1343	NP drinking water from the stream									DR
1345	LK YB			NP	U/21				Ø	
1346	LK feeding on TRI young leaves									
1352	Chimps joined Other Individuals in FNA tree									
	Then LK and YB made joint non vocal									
	displays Others made pant hoots									
1400	LK YB PG TJ			NP	R/24	✓	FNA	RF	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 JAN YEAR 09 OBSERVER EMICMERS SMSJKT 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
1415	LK YB PG TJ			NP	R/24	✓	FNA	RF	Ø	
1430	LK YB PG TJ			NP	"	✓	"	"	Ø	
1442	PG Chassed NP who fled screaming in a									
	afeeding tree.									
1445	LK YB PG TJ			NP	R/24	✓	FNA	RF	Ø	
1500	LK YB PG TJ			NP	"	✓	"	"	Ø	
1515	LK YB PG TJ			NP	"	✓	"	"	Ø	
1530	LK YB PG TJ			NP	"	✓	"	"	Ø	
1545	LK YB PG TJ			NP	"	✓	"	"	Ø	
1600	LK YB PG TJ			NP	"	✓	"	"	Ø	
1615	LK YB PG TJ			NP	"	✓	"	"	Ø	
1630	LK YB PG TJ			NP	"	✓	"	"	Ø	
1645	LR (LO) joined the party she made pant									
	barks but others didn't respond									
1645	LK YB PG TJ	LR	LO	NP	R/24	✓	FNA	RF	Ø	
1700	LK YB PG TJ	LR	LO	NP	"	✓	"	"	Ø	
1701	NP leaving the feeding tree									
1704	NP feeding on phytolacca on ripe fruits									
1715	LK YB PG TJ	LR	LO	NP	R/24	✓	FNA PHY	RF RF	Ø	
1720	LK and YB leaving the feeding tree reach on ground then Moving									

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 JAN YEAR 09 OBSERVER TCME SMS TKJ 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						
1724	NP drinking water from the stream									DR
1725	YB and PG feeding NEO wood									
1730	YB PG LK TJ	VP	VO	NP	R/24	✓	FNA NEO	RF WD	∅	
1737	NP presented to TJ he ignored									
1738	NP feeding on NEO wood									
1745	YB PG LK TJ	VP	VO	NP	R/24	✓	FNA NEO	RF WD	∅	
1800	YB PG LK TJ	VP	VO	NP	Q/21				∅	
1803	TJ feeding TR young leaves									
1807	Chimps climbed into FBR # 016 at P/16 and									
	LK (VO) Separated from the Party									
1815	YB PG LK TJ			NP	P/16	✓	FBR	RF	MGB	
1830	YB PG LK TJ			NP	P/16	✓	"	"	MGB	
1837	LK Climbed down from FBR followed by VO									
1842	Chimps feeding THV									
1845	YB PG LK TJ			NP	W/14	✓	THV	THV	∅	
1900	YB PG LK TJ			NP	400 CED	✓	"	"	∅	
1915	YB PG LK TJ			NP	"	✓	"	"	∅	
1926	OBS abandoned chimps when it got late									
	before they could nest at B/400									

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