DAY 18 MONTH 03 YEAR 09 OBS-PC SJ TMF/40 SM MK HOW FOUND N/EST

	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																			N/2S	-	PTE	FL
7:30																							X	X																			"	-	"	"
7:45																							X	X																			"	-	"	"
8:00																							X	X																			N/2S	RDT	PTE	FL
8:15																							X	X																			"	"	"	"
8:30																							X	X																			"	"	"	"
8:45																							X	X																			"	"	"	"
9:00																							X	X																			N/2S	RDT BWC	PTE	FL
9:15																							X	X																			"	"	"	"
9:30																							X	X																			"	"		
9:45																							X	X												X	X	X	X				"	⊖	FBR	RF
10:00																							X	X												X	X	X	X				N/2S	⊖	FBR	RF
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				N/2S	BWC MGB	—	—
11:15																							X	X												X	X	X	X				"	"	—	—
11:30																							X	X												X	X	X	X				"	"	—	—
11:45																							X	X												X	X	X	X				"	"	—	—
12:00																							X	X												X	X	X	X				N/2S	BWC MGB	-	—
12:15																							X	X												X	X	X	X				"	"	-	—
12:30				X																			X	X												X	X	X	X				"	RDT	-	—
12:45				X																			X	X												X	X	X	X				"	"	BWC	YL
	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				N/2A	RDT	—	—
13:15				X																			X	X												X	X	X	X				"	⊖	—	—
13:30				X																			X	X												X	X	X	X				"	⊖	THV	THV
13:45				X																			X	X												X	X	X	X				"	⊖	THV	THV
14:00				X																			X	X												X	X	X	X				N/2A	⊖	THV	THV
14:15				X																			X	X												X	X	X	X				"	⊖	"	"
14:30				X																			X	X												X	X	X	X				"	⊖	"	"
14:45				X																			X	X												X	X	X	X				"	⊖	"	"
15:00				X																			X	X												X	X	X	X				N/2A	⊖	THV	THV
15:15				X																			X	X												X	X	X	X				"	⊖	"	"
15:30				X																			X	X												X	X	X	X				"	⊖	"	"
15:45				X																			X	X												X	X	X	X				"	⊖	FBX	YL
16:00				X																			X	X												X	X	X	X				N/2A	⊖	THV	THV
16:15				X																			X	X												X	X	X	X				"	⊖	"	"
16:30				X																			X	X												X	X	X	X				"	⊖	"	"
16:45				X																			X	X												X	X	X	X				"	⊖	FBX	YL
17:00				X																			X	X												X	X	X	X				N/2A	⊖	THV	YL
17:15				X																			X	X												X	X	X	X				"	BWC	THV	YL
17:30				X																			X	X												X	X	X	X				"	"	THV	YL
17:45				X																			X	X												X	X	X	X				"	"	THV	YL
18:00				X																			X	X												X	X	X	X				N/2S	BWC	TBS	YL
18:15				X																			X	X												X	X	X	X				"	"	CHT	YL
18:30				X																			X	X												X	X	X	X				"	"	—	—
18:45																																														
19:00																																														
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19:30																																														
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20:00																																														
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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	GRID	MNK	SP	PT
Health																																														

COMMENTS

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 Behavior

TG → ①

DAY 18 MONTH 03 YEAR 09 OBSERVER SJ SM MK 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
705	OBS arrive at nest site. and found TG TT and									
	TS already out of nest feeding PTE at									
	the same location.									
715		TG	TT	TS	7/F	✓	PTE	FL	∅	
730		TG	TT	TS	7/F	✓	"	"	∅	
745		TG	TT	TS	7/F	✓	"	"	∅	
800		TG	TT	TS	7/F	✓	PTE	FL	RDT	
806	TT left the feeding tree (PTE) followed by TS									
	and Moved into FEx for feeding									
815		TG	TT	TS	7/F	✓	PTE	FL	RDT	
830		TG	TT	TS	7/F	✓	PTE	FL	RDT	
844	TS grooming TT									
845		TG	TT	TS	7/F	✓	PTE	FL	RDT	
849	TT grooming TS									
100		TG	TT	TS	7/F	✓	PTE	FL	RDT BLM	
901	TG left the feeding tree (PTE)									
903	TT grooming TG									
908	Cham groom	TS →	TT →	TG.						
915		TG	TT	TS	7/F				RDT BLM	
920	TT and TG feeding FEx RF									

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

QT → (1) WL → (1)

KPC Behavior

DAY 18 MONTH 03 YEAR 09 OBSERVER SJ SM TW MK 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
930		TG	TT	TS	F/S				BLy RDi	
943	QT (Qv) WL (WC)	formed	the	party	without				making	
	any Calls									
944	Chimps	Climbed	into	FBr.	# 024					
945		TG QT WL	TT WC Qv	TS	S/KRD	✓	FBR	RF	∅	
1000		TG WL QT	Qv TT WC	TS	S/KRD	✓	FBR	RF	∅	
1008	WL left	the	feeding	tree	(FBR)					
"	WL makes	a	day	nest.	Tree	of	nest		BUS	
	Height	16m.								
1015		TG WL QT	Qv WC TT	TS	S/KRD	✓	FBR	RF	∅	
"	QT (Qv) left	the	feeding	tree.						
1022	TG left	the	feeding	tree						
"	TG makes	a	day	nest,	Tree	of	nest		CDU	
	Height	16m.								
1030		TG QT WL	TT WC Qv	TS	S/KRD	✓	FBR	RF	∅	
1036	TT and TS	left	~~tree~~	feeding	~~tree~~					
1045		TG QT WL	TT WC Qv	TS	S/KRD				∅	
1100		TG QT WL	WC TT Qv	TS	S/KRD				BWC MGA	
1115		TG QT WL	WC Qv TT	TS	"				BWC MGB	
1130		TG QT WL	WC Qv TT	TS	"				BWC 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

KPC Behavior

DAY 18 MONTH 03 YEAR 09 OBSERVER SJ SM TW MK 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
1145		T9 QT WL	TT QV WC	TS	8/KED				BWC mgb	
1200		T9 QT WL	TT QV WC	TS	8/KED				BWC mgb	
1215		T9 QT WL	TT QV WC	TS	8/KED				BWC mgb	
1217	WL (WC) left the day nest									
1222	YB joined the party making non vocal displays and buttress bangs Others made Pant-barks and Pant-hoots. T9 fled climbing a tree.									
1228	QT grooming YB.									
1230	YB	T9 QT WL	TT QV WC	TS	C/7				RDT	
"	WL approach pant-bark to YB and he ignored									
1231	WL and QT grooming YB									
1235	YB grooming QT									
1238	QT and WL grooming YB.									
1239	QT grooming WL									
1241	WL feeding on TRI YL									
1245	YB	T9 QT WL	TT QV WC	TS	B/5	✓	ANT	YL	RDT	
1300	YB	T9 QT WL	TT QV WC	TS	B/5				RDT	
"	YB grooming TT									
1303	TT grooming YB									
1308	T9 approach YB and YB groomed her.									

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

1234 YB feeding TRI YL.

KPC Behavior

DAY 18 MONTH 03 YEAR 09 OBSERVER SJ SM FM TW MMC 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
1309	Chain groom YB → TG → TS									
1314	QT playing with TT by QT chasing TT									
1315	YB	QT TG WL	TT QV WC	TS	B/S				∅	
1317	TS grooming TG									
1322	WL approach and groom TG									
1325	TT playing with TS by wrestling									
1326	YB solicit by branch shaking to TG and him								TG followed	
1329	chimps moved into THV for feeding									
1330	YB	TG QT WL	TT QV WC	TS	B/S	✓	THV	THV	∅	
1345	YB	TG QT WL	TT QV WC	TS	B/S	✓	THV	THV	∅	
1400	YB	TG QT WL	TT QV WC	TS	B/S	✓	THV	THV	∅	
1415	YB	TG QT WL	TT QV WC	TS	B/S	✓	THV	THV	∅	
1430	YB	TG QT WL	TT QV WC	TS	〃	✓	THV	THV	∅	
1445	YB	TG WL QT	TT QV WC	TS	〃	✓	〃	〃	∅	
1500	YB	TG WL QT	TT QV WC	TS	〃	✓	〃	〃	∅	
1515	YB	TG QT WL	TT QV WC	TS	〃	✓	〃	〃	∅	
1530	YB	TG QT WL	TT QV WC	TS	〃	✓	〃	〃	∅	
1534	It stopped raining									
1545	YB	TG	TT	TS	B/S	✓	FEX	YL	∅	

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

1440 it started raining

1441 YB chased TG and she fled screaming climbing a tree.

KPC Behavior

DAY 18 MONTH 03 YEAR 09 OBSERVER SJSMFM TW MK 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
1600	YB	QT TG WL	TT QV WC	TS	B/S	✓	THV FEX	THV YL	∅	
1609	YB solicited TG by branch shaking then TG approached Pant-grunting and extended a hand to YB then									PTG
	YB made a soft bite on the fingers.									
1615	YB	QT TG WL	TT QV WC	TS	B/S	✓	THV FEX	THV YL	∅	
1630	YB	TG	TT	TS	B/S	✓	THV	THV	∅	
1634	YB chased TG and she fled screaming climbing									
	a tree and TS made waar-barks.									
1644	TG approach Pant-grunt and Extend a hand to YB and									PTG
	YB ignored.									
1645	YB	TG	TT	TS	B/S	✓	TRI	YL	∅	
1700	YB	TG	TT	TS	B/S	✓	ILL	YL	∅	
1701	YB made non-Vocal displays climbed up into									
	a tree chased TG and made attack (1) to TG									
	she screamed and made waar-barks. and TG									
	couldn't avoid after the attack.									
1709	TT and TS feeding on COA bark.									
1715	YB	TG	TT	TS	B/6	✓	ILL COA	YL BK	BWC	
1730	YB	TG	TT	TS	B/6	✓	ILL	YL	BWC	
1745	YB	TG	TT	TS	B/6	✓	ILL	YL	BWC	

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

1625 QT (QV) WL and (WC) separated from the party

KPC Behavior

DAY 18 MONTH 03 YEAR 09 OBSERVER SJSM FM MC 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
1758	TG feeding on TRI ML									
1800	YB	TG	TT	TS	B/6	✓	TRI	ML	BWC	N/24
1805	It started drizzling									
1811	TG feeding on brown soil from a ground hole									
1813	TT feeding on CHT									
1815	YB	TG	TT	TS	B/6	✓	CHT	ML	BWC	
1825	YB made non-vocal displays climbed a tree towards TG and TG made screams and then approach YB. Pant-grunting and extend a hand to YB and				YB		Ignored-			PTG
1830	YB	TG	TT	TS	B/6				BWC	
1835	TT makes a night nest, tree of nest Funtumia Height 34M.				DBH =					
1840	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