DAY 19th MONTH March YEAR 09 OBS-PC SM TMF/40 Fm 1C HOW FOUND N

	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				X																			X	X	X																	N24	None	—	—
7:15				X																			X	X	X																			—	—
7:30				X																			X	X	X																			—	—
7:45				X																			X	X	X																			THr	
8:00				X																			X	X	X																			"	
8:15				X																			X	X	X																			"	
8:30				X				X															X	X	X																			FEx	RF
8:45				X				X															X	X	X																			—	—
9:00				X				X															X	X																				PTE	FL
9:15				X				X															X	X																					
9:30								X															X	X																					
9:45								X															X	X							X	X													
10:00								X															X	X							X	X													
10:15								X															X	X							X	X													
10:30																							X	X							X	X													
10:45																							X	X							X	X													
11:00																							X	X							X	X													
11:15																							X	X							X	X													
11:30																							X	X							X	X											PTE	FL
11:45																							X	X							X	X											COM	RF
12:00																							X	X							X	X													
12:15																							X	X							X	X													
12:30																							X	X							X	X													
12:45																							X	X							X	X											N25	None	COM	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											N25	None	COM	RF
13:15																							X	X							X	X													n	n
13:30																							X	X							X	X													PTE	FL
13:45																							X	X							X	X													FEx	RF
14:00																							X	X							X	X													PTE	BK
14:15																							X	X							X	X													
14:30																							X	X							X	X													
14:45																							X	X							X	X													
15:00																							X	X							X	X													PTE	BK
15:15																							X	X							X	X													PTE	FL
15:30																							X	X							X	X											N25		TRI	YL
15:45																							X	X							X	X											N26		MAE	PITH
16:00																							X	X							X	X											" "	None	THr	
16:15																																														
16:30																																														
16:45																							X	X																			N26	None	CDU	RF
17:00																							X	X																					
17:15																							X	X																					
17:30																							X	X																					
17:45																							X	X																			CDU	RF
18:00																							X	X																			N26	None	—	—
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Health			1	1			1																1	2	1						1															

COMMENTS TT have wet cough

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

DAY 19th TSD (1) MONTH March YEAR 09 OBSERVER SMFMIC 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
658	Obs arrived at the nest site									
700	YB	TG	TT	TS	B/6				Ø	
715	YB	TG	TT	TS	11				Ø	
715	TT leaving a night nest									
729	TS leaving a night nest and TG YB followed at same time									
730	YB	TG	TT	TS	B/6				Ø	
731	TT made food barks and started feeding on young leaves									FBK TLI
740	TG and YB feeding on THV in a dense vegetation									
745	YB	TG	TT	TS	B/6	✓	THV		Ø	
755	TT was heard coughing (wet cough)									
800	YB	TG	TT	TS	B/6	✓	THV		Ø	
814	YB Made a branch shake towards TG who pant grunts following him									PTG Made
815	YB	TG	TT	TS	B/6	✓	THV		Ø	
818	Heard distant calls from north of K30 blue TG TT TS responded with wear barks and pant hoots at same time YB made a branch shake towards TG, who made pant grunts following him									PTG

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 19th MONTH March YEAR 09 OBSERVER IC SM FMKJ 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						
824	Heard distant calls from north east of K30 the TT Js responded with screams and pant hoots									
826	YB made attack ① to Tg with kicks and slaps who screamed but not avoiding.									
827	KK joined the party he made non vocal displays and dragging a stick Js TT made wear barks									
828	YB made non vocal displays and attack ② to Tg with kicks and slaps who screamed and retaliate by make wear barks and screams exchanging slaps with YB chasing him YB fled screaming as KK intervened making non vocal displays and slapping the ground Tg fled climbing a tree while pant barking									
830	KK YB	Tg	TT	TS	B/b	✓	FEX	RF	BWC	
830	KK approached Tg in a tree who pant grunted to him the he inspected her by smelling on estrous then KK climbed down and moving Tg followed him.									PTG
832	KK inspecting TS by touch and smelling on estrous									

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 19th LR (1) MONTH March YEAR 09 OBSERVER IC SMEMKJ 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
834	KK made vocal displays and buttress bungs									
	Others made pant barks									
840	KK made vocal displays and buttress bungs									
	Others didn't respond.									
842	KK made vocal displays and buttress bungs									
	Others made waar barks									
845	Chimps joined LR Lo and KK made vocal									
	displays LR fled screaming									
845	KK YB	LR TG	TT LO	TS	E/7				Ø	
847	KK made vocal displays and buttress bungs									
	LR made waar barks at same time									
	Chimps climbed into PTE tree and									
	Some ID's entered FEX tree and started feeding									
	on Flowers and ripe fruits of FEX									
900	KK YB	LR TG	TT LO	TS	E/7	✓	PTE FEX	FL RF	Ø	
915	KK YB	LR TG	TT LO	TS	n	✓	n	n	Ø	
930	KK	LR TG	TT LO	TS	n	✓	n	n	Ø	
945	KK	LR TG	TT LO	TS	n	✓	n	n	Ø	
1000	KK	LR TG	TT LO	TS	n	✓	n	n	Ø	
1008	KK leaving the feeding 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

920 YB left the party and moved away.

KPC Behavior

DAY 19th MONTH March YEAR 09 OBSERVER SMFMKJ 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
1011	KK made vocal displays and						buttress		burgs	
	but no one responded.									
1015	KK	LR TG	TT LO	TS	E/7	✓	PTE	FL	Ø	
1022	KK left the party and moved away									
1035		LR TG	TT LO	TS	E/7	✓	PTE	FL	Ø	
1031	LR (LO) leaving the feeding				Tree					
1038	LR feeding on FEX ripe fruits									
1045		LR TG	TT LO	TS	E/7	✓	PTE FEX	FL RF	Ø	
1058	TT and TS leaving the feeding				tree					
1100		LR TG	TT LO	TS	E/7	✓	PTE FEX	FL RF	Ø	
1115		LR TG	TT LO	TS	"	✓	"	"	Ø	
1120	TS and TT feeding on com ripe fruits									
1130		LR TG	TT LO	TS	E/7	✓	PTE com	FL RF	Ø	
1138	TG leaving the feeding tree and started									
	moving in different tree's									
1140	TG joined TT and TS in com tree and									
	started feeding									
1144	TT leaving the feeding tree and entered									
	into old nest then rest tree = TEC HT = 9m									
1145		TG LR	TT LO	TS	F/7	✓	com	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 19th MONTH March YEAR 09 OBSERVER SMFmKJ 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
1200		TG LR	TT LO	TS	F/7	✓	COM	RF	Ø	
1210	LR (LO) climbed into com tree and started									
	feeding at same time TT leaving a day									
	nest									
1215		TG LR	TT LO	TS	F/7	✓	COM	RF	Ø	
1230		TG LR	TT LO	TS	11	✓	11	11	Ø	
1238	LR (LO) leaving com tree and entered in									
	to PTE tree and started feeding on flowers									
1245		TG LR	TT LO	TS	F/7	✓	COM PTE	RF FL	Ø	
1300		TG LR	TT LO	TS	11	✓	11	11	Ø	
1315		TG LR	TT LO	TS	11	✓	11	11	Ø	
1329	TG TS leaving com tree and moving joined									
	TT and LR LO in PTE tree									
1330		TG LR	TT LO	TS	E/7	✓	PTE	FL	Ø	
1342	TT entered into FEX tree and started feeding									
	ripe fruits									
1345		TG LR	TT LO	TS	E/7	✓	FEX	RF	Ø	
1400		TG LR	TT LO	TS	11	✓	PTE FEX	BK RF	Ø	
1415		TG LR	TT LO	TS	11	✓	11	11	Ø	
1430		TG LR	TT LO	TS	11	✓	11	11	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

1359 LR feeding on PTE bark

KPC Behavior

DAY 19th MONTH March YEAR 09 OBSERVER TC SMFMKJ 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
1445		TG LR	LO TT	TS	E/7	✓	PTE PTE FEX	BK FL RF	Ø	
1500		TG LR	LO TT	TS	"	✓	"	"	Ø	
1515		TG LR	LO TT	TS	"	✓	PTE	FL	Ø	
1515	LR (LO) leaving the feeding tree									
1518	chimps all climbed down on ground and									
	started moving									
1522	LR drinking water using a wadge of leaves									TLU DR
	from the hole of a tree TS and TT looking									
	at her.									
1530		TG LR	LO TT	TS	E/11	✓	TRI	YL	Ø	
1533	LR and TT feeding on red soil from roots									
	of a fallen tree									
1536	TG feeding MAE pith									
1545		TG LR	LO TT	TS	F/21	✓	MAE	pith	Ø	
1549	LR TT drinking water from the stream									DR
1550	LR feeding on TRI young leaves									
1600		TG LR	LO TT	TS	F/21	✓	THV		Ø	
1608	Chimps got lost in THV at F/G LT									
1632	OBS found TG TS TT in CDU tree feeding									
	on ripe fruits									

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

1529 LR feeding on TRI young leaves

KPC Behavior

DAY 19th MONTH March YEAR 09 OBSERVER SMFmlc 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						
1645		TG	TT	TS	I/23	✓	CDU	RF	Ø	
1700		TG	TT	TS	"	✓	"	"	Ø	
1706	chimps leaving	CDU grooves			and moving shortly					
1715		TG	TT	TS	I/23	✓	CDU	RF	Ø	
1724	TG build overnight nest and rest in tree = DOSP HT = 22 m DBH = 32 cm									
1730		TG	TT	TS	I/21	✓	CDU	RF		
1731	It started raining and some IM's were									RN
	in CDU grooves	feeding								
1745		TG	TT	TS	I/21	✓	CDU	RF	Ø	
1800		TG	TT	TS	"				Ø	
1802	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