DAY 31 MONTH 1 YEAR 09 OBS-PC SJ TMF/40 SM RM ML HOW FOUND FT

	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	ML	NP	EU	DV	WL	GRID	MNK	SP	PT
Estrus																			1		2														3		1	1		2										
5:45																																																	
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7:30						X	X		X	X	X													X	X	X													X	X	X					J/2s	—	FNA	RF
7:45						X	X		X	X	X								X		X	X	X	X	X	X							X	X					X	X	X					"	"	"	"
8:00						X	X		X	X	X								X		X	X	X	X	X	X							X	X					X	X	X					J/2s	—	FNA	RF
8:15						X	X		X	X	X								X		X	X	X	X	X	X							X	X					X	X	X					"	/	"	"
8:30						X	X		X	X	X								X		X	X	X	X	X	X							X	X					X	X	X					"	/	"	"
8:45						X	X		X	X	X								X		X	X	X	X	X	X							X	X					X	X	X					J/2s	—	FNA	RF
9:00						X	X		X	X	X								X		X	X	X	X	X	X							X	X					X	X	X					J/2s	/	FNA	RF
9:15						X	X		X	X	X								X		X	X	X	X	X	X							X	X	X	X			X	X	X			X		"	/	"	"
9:30						X	X		X	X	X								X		X	X	X	X	X	X							X	X	X	X			X	X	X			X		"	/	FNA	RF
9:45						X	X		X	X	X								X		X	X	X	X	X	X							X	X	X	X			X	X	X			X		J/2s	/	"	"
10:00						X	X		X	X	X								X		X	X	X	X	X	X							X	X	X	X			X	X	X			X		J/2s	/	FNA	RF
10:15						X	X		X	X	X								X		X	X	X	X	X	X							X	X	X	X			X	X	X			X		"	/	"	"
10:30						X	X		X	X	X								X		X	X	X	X	X	X							X	X	X	X			X	X	X			X		"	/	"	"
10:45						X	X		X	X	X								X		X	X	X	X	X	X							X	X	X	X			X	X	X			X		"	/	"	"
11:00			X						X	X		X												X	X	X									X	X				X	X					Nme	/	FNA	RF
11:15			X						X	X		X												X	X	X									X	X				X	X					J/2s	Nme	THN	THN
11:30			X						X	X		X												X	X	X									X	X				X	X					"	BLU	"	"
11:45			X						X	X		X												X	X	X									X	X				X	X					K/2s	BLU		
12:00																																						X					X						/	BLU	MT
12:15																																						X					X						/	"	"
12:30																																						X					X						/	"	"
12:45																																						X					X						/	BLU	MT
	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	ML	NP	EU	DV	WL				
13:00																																						X					X						/	"	—	—
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13:30																			X		X	X	X															X					X						/	THN	THN
13:45																			X		X	X	X															X					X					K/2s		"	"
14:00																			X		X	X	X															X					X					I/24	/	THN	THN
14:15																																																			
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15:30																																						X					X						/	FNA	RF
15:45																																						X					X					K/2s		CAF	YL
16:00																																						X					X					K/2s		THN	THN
16:15																																											X					J/2s	/	FNA	RF
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Health	—	—	—	—	—	—	—	—	—	—	—	—	—				—		—	—	—	—	—	—	—	—	—					—	—	—	—	—	—	—	—	—	—	—	—	—				

COMMENTS 1603 chimps got lost within FTV.
1755 FM disappeared into a dense vegetation.

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

* No Moneys encountered during the observation

Ou → (1) OT → (2) Wa → (3) ML → (2)

KPC Behavior

DAY 31 MONTH 01 YEAR 09 OBSERVER STSM JM TG → (T) 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
719	OBS found chimps at fruiting tree on our way to Unnetting									
725	Distant calls heard from West of K-15 and the focal IDs responded with Pant-hoots									
730	LK ES PB MS TJ	ML TG	TT	Ou NP TS	2E/1S	✓	FNA	RF	Ø	
737	PG joined the party he made vocal displays and buttress bangs and some individuals Made Pant-hoots.									
741	Wa (we) joined the party making pant-bands and Others didn't respond.									
744	PG chased Wa and she fled screaming out of the fruiting tree.									
744	Ou and her family joined the party making pant-bands. and Others didn't respond									
745	MS LK ES PB PG TJ	Ou Wa ML TG	OG TT	Ou WE OT TG NP	2E/1S	✓	FNA	RF	Ø	
746	Copulation Male approach PG → Wa 10 sec with screams and no dart.									CP
759	MS chased	TJ and he fled screaming								
800	MS LK ES PB PG TT	Ou Wa ML TG	OG TT	Ou Om OT NP WE TG	2E/1S	✓	FNA	RF	(1)	
11	Copulation male approach PB → Wa 8 sec with no Screams no dart.									CP

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 31 MONTH 01 YEAR 09 OBSERVER STSMJMTWMK 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
803	TJ made Waar-barks chased NP and she fled screaming									
815	LK ES PB MS TJ Pg	OU Wa ML Tg	Og Tg	Eu WE TS OM OT NP	2E 1S	✓	FNA	RF	Ø	
830	LK ES PB MS TJ Pg	OU Wa ML Tg	Og TT	Eu WE TS OM OT NP	2E 1S	✓	FNA	RF	Ø	
845	LK ES PB MS TJ Pg	OU Wa ML Tg	Og TT	Eu WE TS OM OT NP	"	✓	"	"	Ø	
900	MS LK ES TJ Pg PB	OU Wa ML Tg	Og TT	Eu WE TS OM OT NP	"	✓	"	"	Ø	
910	QT (QV) and WL (WC) joined the party making pant-hoots and others made pant-hoots.									
913	WL approach pant-bark and present to ES and he inspected her by touching on estrous & and smell on the fingers									
915	MS LK ES TJ Pg PB	OU Wa Tg ML QT WL	Og QV WV TT	Eu WE TS OM OT NP	2E 1S	✓	FNA	RF	Ø	
919	OU grooming OT									
922	KK and YB joined the party KK made vocal displays and buttress bungs and others responded with pant-hoots									
930	MS KK LK Pg PB ES TJ YB	OU Wa Tg ML QT WL	Og QV TT WC	OT OM TS Eu NP WE	2E 1S	✓	FNA	RF	Ø	
945	MS KK LK Pg PB ES TJ YB	OU Wa Tg ML QT WL	Og QV WC TT	OT OM TS Eu NP WE	"	✓	"	"	Ø	
1000	MS KK LK Pg PB ES TJ YB	OU Wa Tg ML QT WL	Og QV WC TT	OT OM TS Eu NP WE	"	✓	"	"	Ø	
1012	LK climbed down from the feeding tree.									
1015	MS KK LK Pg PB ES TJ YB	OU Wa Tg ML QT WL	Og QV WC TT	OT OM TS Eu NP WE	2E 1S	✓	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 31 MONTH 01 YEAR 09 OBSERVER SJ SM JM RM TW IR 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
1018	LK grooming KK									
1030	MS KK LK RG YB PB TJ ES	ML QT WL OU WA	QV WC OG TT	NP EU WE OT OM	2E/IS	✓	FNA	RF	∅	
1036	PB grooming EU									
1041	Copulation female approach WC → PB 8sec									CP with no
	screams and no alert									
1044	WA grooming PB									
1045	MS KK LK PG PB YB TJ ES	ML QT WL OU WA	QV WC OG TT	NP EU WE OT OM	2E/IS	✓	FNA	RF	∅	
1050	some IDs moved into THV									
1057	PG grooming QT									
1059	chimps separated									
1100	PG ES TJ YB	TG QT WL	QV WC TT	TS EU	2E/IS	✓	FNA THV	RF THV	∅	
1109	PG grooming himself									
1111	PG made non-vocal displays and made attack									
	∅ to YB with incis YB fled screaming and TJ fled									
	silent climbing a tree.									
1113	all IDs left the feeding tree									
1115	PG YB ES TJ	TG QT WL	QV WC TT	TS EU	2E/IS	✓	THV	THV	∅	
1130	PG YB TJ ES	TG QT WL	QT WC TT	TS EU	"	✓	THV	THV	BLU	
*1134	QT chased a blu monkey as she made a tree and the									
	blue Monkey had an infant and the blu fled-									

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

1042 OU approach pant bark-barking to KK and LK she presented to KK who inspect her by touch and smell on estrous and groomed her.

KPC Behavior

DAY 31 MONTH 01 YEAR 09 OBSERVER SJ SM RM 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
1134	from the tree where she was then QT also									
	climbed down and she climbed another tree where									
	the Blu had climbed, AS PG also climbed another									
	tree.									
1137	QT ran down from the tree followed the Blu									
	and on reaching the ground, QT grabbed an Adult									
	Blu and got off the infant, and the Adult blu ran away									
1142	QT tare the infants stomach and started feeding									
	intestines.									
1143	QT feeding meat with Diospyros leaves.									
1145	YB PG TJES	TG QT WL	QV WG TT	TS EN	WB/SB	✓	Blu	MT	Blu	
1150	Chimps separated									
1200		QT	QV		WB/SB	✓	Blu	MT	∅	
1215		QT	QV		"	✓	"	"	∅	
1230		QT	QV		"	✓	"	"	∅	
1245		QT	QV		"	✓	"	"	∅	
1300		QT	QV		"				∅	
1313	QT (QV)	Joined OU and her family in THV.								
1315		OU QT	OG QV	OT OM	WB				∅	
1330		OU QT	OG QV	OT OM	WB	✓	THV	THV	∅	
1345		OU QT	OG QV	OT OM	WB	✓	THV	THV	∅	

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

1301 : QT started travelling

KPC Behavior

DAY 31 MONTH 01 YEAR 09 OBSERVER SJ SM RM TW IC 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
1400		OU QT	Og QV	OT Om	7EQ/WST	✓	THV	THV	∅	
1403	Chimps lost in	THV.								
1428	QT (QV) found OBs at fruiting tree									
1430		QT	QV		2E/1S	✓	FNA	RF	∅	
1445		QT	QV		"	✓	"	"	∅	
1500		QT	QV		"	✓	"	"	∅	
1515		QT	QV		"	✓	"	"	∅	
1530		QT	QV		"	✓	"	"	∅	
1537	QT (QV) climbed ~~out~~ down			from	FNA					
1541	QT (QV) climbed into CAF									
1545		QT	QV		1S/SB	✓	CAF	YL	∅	
1600		QT	QV		"	✓	THV	THV	∅	
1608	QT (QV) lost in	THV.								
1614	OBs found Eu	feeding in	FNA			at	2E/1S			
1615				Eu	2E/1S	✓	FNA	RF	∅	
1618	Eu left the feeding tree		moved		into		nest			
1623	Eu left the day	nest	and	Rest	on	tree	branch			
1630				Eu	2E/1S				∅	
1645				Eu	"				∅	

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

1548 QT Uf CAF moved into THV

1'

KPC Behavior

DAY 31 MONTH 01 YEAR 09 OBSERVER SJSM 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						
1700				EU	2E/1S				Ø	
1715				EU	2E/1S				Ø	
1730				EU	2E/1S				Ø	
1745				EU	2E/1S				Ø	
1753	EU started travelling									
1755	EU disappeared into the dense Vegtation									

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