DAY 29th MONTH May YEAR 09 OBS-PC SM TMF/40 MK SJ KJ TW HOW FOUND FT

	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	OL	UNF	GRID	MNK	SP	PT
Estrus																																																		
5:45																																																		
6:00																																																		
6:15																																																		
6:30																																																		
6:45																																																		
7:00																																																		
7:15				X																											X	X														M126	X	FNA	RF
7:30				X																											X	X															X			
7:45				X																											X	X															X			
8:00				X																											X	X															X	FNA	RF
8:15				X																											X	X														M126	None	—	—
8:30				X				X					X		X																X	X												X		M125	u	FNA	RF
8:45				X				X					X		X																X	X												X			u			
9:00				X				X					X		X																X	X												X			BW			
9:15				X				X					X		X																X	X												X			u	FNA	RF	
9:30				X				X					X		X																X	X												X			None	—	—	
9:45				X				X					X		X																X	X												X			MGB	FNA	RF	
10:00				X				X					X		X																X	X												X						
10:15				X				X					X		X																X	X												X						
10:30				X				X																							X	X												X						
10:45				X				X																							X	X												X			MGB	FNA	RF	
11:00				X				X																							X	X												X			None	—	—	
11:15				X				X																																				X				—	—	
11:30				X				X																																				X				—	—	
11:45				X				X																																				X				—	—	
12:00				X				X																																				X			M125		—	—
12:15				X				X																																				X			M124		THV	
12:30				X				X																																				X			u		u	
12:45				X				X																																				X			u	None	CAF	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	OL	UNF	GRID	MNK	SP	PT
13:00				X				X																																				X			M124	None	CAF	YL
13:15				X				X																																				X						
13:30				X				X																																				X						
13:45				X				X																																				X						
14:00				X				X																																				X				CAF	YL	
14:15				X				X																																				X				—	—	
14:30				X				X																																				X				—	—	
14:45				X				X																																				X				—	—	
15:00				X				X																																				X			M124		THV	
15:15				X				X																																				X			L124		11	
15:30				X				X																																				X			u		11	
15:45				X				X																																				X			u		—	—
16:00	X						X	X			X																																	X			M123		FNA	RF
16:15	X						X	X			X																																	X						
16:30	X						X	X			X																																	X						
16:45	X						X	X			X																																	X						
17:00	X						X	X			X																																	X						
17:15	X						X	X			X								X	X	X	X																						X	X				FNA	RF
17:30	X						X	X			X								X	X	X	X						X	X	X													X	X		M125		—	—
17:45	X						X	X			X																																	X			M126		THV	
18:00	X						X	X			X																																	X					11	
18:15	X						X	X			X																																	X					11	
18:30	X						X	X			X																																	X			M126	None	—	—
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	OL	UNF	GRID	MNK	SP	PT
Health	1			1			1	1			1		1	1					1	1	1							1	1	1	1											1		1	1					

COMMENTS Blu and MgB from 715— 800.

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 29th MONTH May YEAR 09 OBSERVER SM SJ KJ TW MK LR (1) BL (1) 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 found chimps in FNA tree feeding at									
	B/27									
715	YB	LR	LO		B/27	✓	FNA	RF	MgB BM	
730	YB	LR	LO		"	✓	"	"	"	
745	YB	LR	LO		"	✓	"	"	"	
800	YB	LR	LO		"	✓	"	"	"	
814	chimps leaving the feeding tree and moving									
	on ground									
815	YB	LR	LO		B/27				Ø	
823	chimps joined other individuals in FNA tree LR made pant									
	barks and YB made non vocal displays and									
	buttress bangs Others made pant hoots									
824	LR pant grunted to YB he inspected her by smell PTG									
	on estrous									
830	KK YB	LR BL	LO BO	NP	R/24	✓	FNA	RF	Ø	
845	KK YB	LR BL	LO BO	NP	"	✓	"	"	Ø	
900	KK YB	LR BL	LO BO	NP	"	✓	"	"	BM	
915	KK YB	LR BL	LO BO	NP	"	✓	"	"	"	
929	Chimps leaving the feeding tree and moving									
930	KK YB	LR BL	LO BO	NP	R/24				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 29th MONTH May YEAR 09 OBSERVER SMSJKJ TWMK 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
931	YB grooming him self									
934	NP grooming her self									
935	chimps climbed into			FNA tree	and		started			
	feeding									
935	LR approach Pant grunting to KK				and		She			PTG groomed
	him									
945	YB KK	LR BL	BO LO	NP	Q/23	✓	FNA	RF	MgB	
1000	YB KK	LR BL	BO LO	NP	"	✓	"	"	"	
1015	YB KK	LR BL	BO LO	NP	"	✓	"	"	"	
1020	BL and BO are		out of	view						
1030	YB KK	LR	LO	NP	Q/23	✓	FNA	RF	MgB	
1038	YB grooming KK									
1041	YB leaving the feeding			Tree						
1045	YB KK	LR	LO	NP	Q/23	✓	FNA	RF	MgB	
1049	LR (LO) leaving the feeding tree									
1052	Chimps all leaving the tree				and		moving			
1058	KK grooming YB									
1100	KK YB	LR	LO	NP	O/20				O	
1100	NP grooming her Self									
1101	YB grooming KK									

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 29th MONTH May YEAR 09 OBSERVER SM SJ KJ 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
1110	LR (no) left the party and moved away									
1115	KK YB			NP	0/20				Ø	
1128	YB grooming NP									
1130	KK YB			NP	0/20				Ø	
1145	KK YB			NP	"				Ø	
1154	NP grooming YB									
1157	KK grooming himself									
1158	NP groomed KK shortly									
1200	KK YB			NP	0/20				Ø	
1200	chimps started Moving									
1209	chimps entered into THV and started feeding in adense vegetation									
1215	KK YB			NP	16/crd	✓	THV		Ø	
1230	KK YB			NP	"	✓	"		Ø	
1243	Chimps climbed into CAF tree and feeding on young leaves									
1245	KK YB			NP	450/crd	✓	CAF	YL	Ø	
1300	KK YB			NP	"	✓	"	"	Ø	
1315	KK YB			NP	"	✓	"	"	Ø	
1330	KK YB			NP	"	✓	"	"	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 29th MONTH May YEAR 09 OBSERVER SM SJ KJ 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						
1345	KK YB			NP	450 crd	✓	CAF	YL	Ø	
1354	NP grooming herself									
1400	KK YB			NP	450 crd	✓	CAF	YL	Ø	
1412	Chimps leaving the feeding tree and resting									
	on ground									
1413	YB grooming KK									
1415	KK YB			NP	450 crd				Ø	
1430	KK YB			NP	M				Ø	
1445	KK YB			NP	M				Ø	
1450	NP entered into THV and started feeding in adjacent									
	vegetation.									
1500	KK YB			NP	450 crd	✓	THV		Ø	
1505	Chimps started moving									
1510	Chimps all feeding on THV									
1515	KK YB			NP	M crd	✓	THV		Ø	
1526	Heard distant calls from east of K124 this									
	party didn't respond									
1530	KK YB			NP	M crd	✓	THV		Ø	
1530	KK made vocal displays and NP made pant-hoots									
	at sametime a distant PDs from east of K124 responded with pant hoots									

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

OU(1) OT(1) **KPC Behavior** AL (1)

DAY 29th MONTH May YEAR 09 OBSERVER SMSJKS 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
1544	NP grooming KK									
1545	KK YB			NP	M/crd				Ø	
1548	KK feeding on Brown soil from along the trail									
1549	YB left the party and moved away									
1559	Chimps joined Other Individuals in FNA									
	Tree and Some one made pant barks									
1600	LK KK ST PB			NP	R/24	✓	FNA	RF	Ø	
1614	PB approach pant grunting to KK he ignored									PTG
1615	LK KK ST PB			NP	R/24	✓	FNA	RF	Ø	
1630	LK KK ST PB			NP	"	✓	"	"	Ø	
1645	LK KK ST PB			NP	"	✓	"	"	Ø	
1655	Heard distant calls from west of K14 and									
	this party responded with pant hoots									
1700	LK KK ST PB			NP	R/24	✓	FNA	RF	Ø	
1702	Ou and her family joined the party but no									
	calls made.									
1715	KK ST LK PB	OU OT	OG	OL OM NP	R/24	✓	FNA	RF	Ø	
1718	Ah and her family joined the party they made									
	Pant barks Others also responded with pant hoots									
1725	NP grooming herself									

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

OU① OT① **KPC Behavior** AL①

DAY 29th MONTH May YEAR 09 OBSERVER SMSJKS 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
1544	NP grooming KK									
1545	KK YB			NP	M/crd				Ø	
1548	KK feeding on Brown soil from along the trail									
1549	YB left the party and moved away									
1559	Chimps joined Other Individuals in FNA									
	Tree and Some one made pant barks									
1600	LK KK ST PB			NP	R/24	✓	FNA	RF	Ø	
1614	PB approach pant grunting to KK he ignored									PTG
1615	LK KK ST PB			NP	R/24	✓	FNA	RF	Ø	
1630	LK KK ST PB			NP	"	✓	"	"	Ø	
1645	LK KK ST PB			NP	"	✓	"	"	Ø	
1655	Heard distant calls from west of K14 and									
	this party responded with pant hoots									
1700	LK KK ST PB			NP	R/24	✓	FNA	RF	Ø	
1702	Ou and her family joined the party but no									
	calls made.									
1715	KK ST LK PB	OU OT	OG	OL OM NP	R/24	✓	FNA	RF	Ø	
1718	Ah and her family joined the party they made									
	Pant barks Others also responded with pant hoots									
1725	NP grooming herself									

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 29th MONTH May YEAR 09 OBSERVER SM SJ KJ 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
1727	KK ST PB NP LK leaving the feeding tree and									
	Started moving other ID's remained behind									
1730	ST LK KK PB	AL OL OM	OG AT AZ INF	NP OL OM	T/24				Ø	
1731	LK feeding on Brown soil from roots of a fallen									
	tree									
1738	chimps entered into THV and started feeding									
	in adense vegetation									
1745	ST LK KK PB			NP	B/29	✓	THV		Ø	
1800	ST LK KK PB			NP	"	✓	"		Ø	
1815	ST LK KK PB			NP	"	✓	"		Ø	
1823	ST entered into Old nest and Improving it									
	then rest tree = DOSP HT = 7m DBH = 15cm									
1824	KK build anight nest and rest tree = DOSP HT =									
	6m Dbh = 14cm									
1830	LK KK ST PB			NP	B/29				Ø	
1830	PB build anight nest and rest tree = Albizia									
	HT = 26m Dbh = 46cm									
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

1732 AL and OL with their families are out of view