DAY 17th MONTH July YEAR 2009 OBS-PC KJ TMF/40 TW AS 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	GRID	MNK	SP	PT
Estrus																																															
5:45																																															
6:00																																															
6:15																																															
6:30																																															
6:45																																															
7:00																															X			X	X							11/26	MGB	FCP	RF
7:15								X		X																					X			X	X				X	X		"			
7:30								X		X																					X			X	X				X	X		"			
7:45								X		X																					X			X	X				X	X		"			
8:00								X		X																					X			X	X				X	X		"			
8:15								X		X																					X			X	X				X	X		"	FCP	RF	
8:30								X		X																					X			X	X				X	X			—	—	
8:45										X																					X			X	X				X	X			—	—	
9:00										X																					X			X	X				X	X			FBR	RF	
9:15										X																					X			X	X				X	X		11/26	FBR	RF	
9:30										X																					X			X	X				X	X		11/25	—	—	
9:45										X																					X			X	X				X	X			RDC	—	
10:00										X																					X			X	X								RDC	FDA	RF	
10:15										X																					X			X	X									FDA	RF	
10:30										X		X																			X			X	X									—	—	
10:45										X		X																			X			X	X									—	—	
11:00										X		X																			X			X	X								11/25	—	—	
11:15										X		X																			X			X	X								L/25	—	—	
11:30										X		X																			X			X	X								L/25	—	—	
11:45										X		X																			X			X	X								K/24	—	—	
12:00										X		X																			X			X	X								K/24		THV	THV
12:15										X		X																			X												K/23			
12:30										X		X																			X												K/23			
12:45										X		X																			X												J/23			
	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														THV	THV
13:15										X		X																			X												J/23		THV	THV
13:30										X		X																			X												J/24		—	—
13:45										X		X																			X												J/24		FCP	RF
14:00										X		X																			X												J/24		FCP	RF
14:15										X		X																			X												J/24		MHR	YL
14:30										X		X																			X												H/24		PAP	PTH
14:45										X		X																			X																
15:00										X		X																			X																
15:15										X		X																			X																
15:30										X		X																			X																
15:45										X		X																			X														PAP	PTH
16:00										X		X																			X												H/24		JHS	YL
16:15										X		X																			X												H/25		THV	THV
16:30										X		X																			X																
16:45										X		X																			X																
17:00										X		X																			X														THV	THV
17:15										X		X																			X												H/25		—	—
17:30										X		X																			X												G/25		—	—
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Health										1																					1																

COMMENTS ES still has a wire in his left hand.
Lo was heard coughing and its dry.

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

GPS A

KPC Behavior

WL, OT, LR,

DAY 17th MONTH July YEAR 2009 OBSERVER KJ TW AS 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
656	OBS found WL, OT & LR families at S/K feeding on FCP.									
700		WL OT LR	WC OV LO		S/K	V	FCP	RF	MGB	
707	ES KK Eu and NP joined the party, ES made non vocal displays WL and LR made pant barks.									
715	KK ES	WL OT LR	WC OV LO	NP Eu	S/K	V	FCP	RF	MGB	
"	WL made arm threat to Eu who made screams and did not avoid.									
716	WL approached KK pant barking extending a hand to him. KK ignored, then WL chased Eu waas barking and she (Eu) fled screaming. Eu fled out of the feeding tree.									
719	LR made an arm threat to NP who avoided casually making									
727	OT grooming OV									
730	KK ES	WL OT LR	WC OV LO	NP Eu	S/K	V	FCP	RF	MGB	
740	KK and OT are grooming themselves.									
742	WL (WC) entered into an old nest in a Polyscias fulva.									

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 17th MONTH July YEAR 2009 OBSERVER KJSISMTW MNM RW AS 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
745	KK ES	WL OT LR	WC OV LO	NP Ou	S/K	V	FCP	RF	MGB	
746	OT presented to KK and he groomed her shortly.									
750	ES grooming him SCF.									
757	KK made an arm threat to Ou who made screams but did not avoid.									
800	KK ES	WL OT LR	WC OV LO	NP Ou	S/K	V	FCP	RF	MGB	
803	KK coming down from the feeding tree.									
808	Ou making a day nest at 5 metres high in Ou.									
814	LO was heard coughing and its dry.									
813	KK ES	WL OT LR	WC OV LO	NP Ou	S/K	V	FCP	RF	MGB	
816	ES LR (LO) coming down from the feeding tree and the Ahs all followed.									
816	WL (WC) coming down from the day nest.									
818	OT grooming KK									
830	KK ES	WL OT LR	WC OV LO	NP Ou	S/K				Ø	
833	NP grooming KK.									
839	LR grooming ES.									
840	Chain groom OT → LR → ES									
840	Hand clasp mutual groom LR ↔ OT									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 17 MONTH July YEAR 2009 OBSERVER KJ SJ SM JW MM AS RW 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
840	KK and NP moved away and are out of the party.									
845	LR LO WL WC QT QV eating red seed from									
	the roots of a fallen tree									
845	ES	WL QT LR	WC QV LO	EU	K GLT				Ø	
847	ES made non vocal displays and buttress									
	bungs									
852	ES made non vocal displays and buttress bungs									
	LR QT and WL made pant hoots.									
854	LR and WL both made screams and then									
	made genital genital rubbing.									
854	WL made pant barks then ES made non vocal									
	displays others made pant barks and then									
	climbed into FBR 014 at c/23.									
900	ES	LR WL QT	WC QV LO	EU	C 23	V	FBR	RT	Ø	
915	ES	LR WL QT	WC QV LO	EU	"	V	FBR	RT	Ø	
916	QT (QV) coming out of the feeding tree.									
920	QT making a day nest in a Diospyros of									
	about 26 cm dbh at 21 metres high.									
927	LR (LO) EU and ES coming out of 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

KPC Behavior

DAY 17th MONTH July YEAR 2009 OBSERVER KJSJSMTW AS MNM RW 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
928	QT (QV) coming down from the day nest.									
930	ES	WL QT LR	WC QV LO	EU	V/23				∅	
933	WL approached ES pant grunting and presented before him, ES made a soft bite on her back.									
945	ES	WL QT LR	WC QV LO	EU	I/23				RDC	
947	ES EU LR (LO) climbed into FDA and started feeding. WL and QT separated and are being followed by SM TW MNM and RW									
1000	ES	LR	LO	EU	I/23	✓	FDA	RF	RDC	
1015	ES	LR	LO	EU	"	✓	FDA	RF	∅	
1018	TJ joined the party, no any calls made.									
1020	LR ES EU coming down from FDA.									
1021	LR and ES approached TJ and groomed him.									
1022	Hand clasp mutual groom LR ⇆ TJ									HCG
1023	LR grooming TJ after hand clasp									
1026	LR grooming LO									
1027	ES grooming TJ									

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 17 MONTH July YEAR 2009 OBSERVER KJST 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
1028	ES inspecting LR by touching and									
	smelling on the estrous.									
1030	ESTJ	LR	LO	Eu	I 23				∅	
"	ES grooming Eu.									
1034	Eu grooming ES.									
1045	ESTJ	LR	LO	Eu	I 23				∅	
1051	Eu playing with LO by touching.									
1100	ESTJ	LR	LO	Eu	I 23				∅	
1 5	ESTJ	LR	LO	Eu	O 23				∅	
1130	ESTJ	LR	LO	Eu	M 26				∅	
1134	Chimps	climbed into FOT			001		but did			
	not eat any thing.									
1137	Chimps coming down from FOT.									
1145	ESTJ	LR	LO	Eu	F 900				∅	
1155	Chimps	entered into THV			and started					
	feeding.									
1155	LO playing with Eu by				wrestling.					
1200	ESTJ	LR	LO	Eu	H 1000	V	THV	THV	∅	
1201	Chimps coming out of THV.				LR LO went					
	missing.									

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 17th MONTH JULY YEAR 2009 OBSERVER KJSJ 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
1215	ES TJ			EU	K 1200	✓	THV	THV	Ø	
1230	ES TJ			EU	GLT 1200	✓	THV	THV	Ø	
1245	ES TJ			EU	"	✓	THV	THV	Ø	
1300	ES TJ			EU	Bwg GLT	✓	THV	THV	Ø	
1315	ES TJ			EU	"	✓	THV	THV	Ø	
1330	ES TJ			EU	ROCK GLT				Ø	
1338	chimps climbed into FCP at Rock									GLT
	swamp trail.									
1345	ES TJ			EU	ROCK WST	✓	FCP	RF	Ø	
1400	ES TJ			EU	"	✓	FCP	RF	Ø	
1412	chimps coming down from FCP.									
1415	ES TJ			EU	ROCK WST	✓	MYR	YL	Ø	
1427	chimps entered into papyrus swamp									
	and started feeding on PAP						PITH.			
1430	ES TJ			EU	TE WST	✓	PAP	PITH	Ø	
1445	ES TJ			EU	"	✓	PAP	PITH	Ø	
1500	ES TJ			EU	"	✓	PAP	PITH	Ø	
1515	ES TJ			EU	"	✓	PAP	PITH	Ø	
1530	ES TJ			EU	"	✓	PAP	PITH	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):

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1414 - TJ eating MYR YL.

KPC Behavior

DAY 17th MONTH July YEAR 2009 OBSERVER KJ SJ 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
1545	ES TJ			EU	TE WST	L	PAP	PTH	∅	
1556	chimps coming out of the swamp.									
1558	TJ eating JAS YL.									
1600	TJ ES			EU	TE WST	L	JAS YL		∅	
1602	TJ eating ILL YL.									
1612	chimps started feeding on				THV					
1615	ES TJ			EU	WST CRD	L	THV	THV	∅	
1630	ES TJ			EU	"	L	THV	THV	∅	
1645	ES TJ			EU	"	L	THV	THV	∅	
1700	ES TJ			EU	"	L	THV	THV	∅	
1712	chimps coming out of THV.									
1715	ES TJ			EU	CRD WST				∅	
1720	TJ eating brown soil from the roots of									
	fallen tree.									
1729	EU grooming ES									
1730	ES TJ			EU	ST CRD				∅	
1745	TJ ES			EU	IR2 ST				∅	
1749	chimps got lost in adense vegatation									
	at IR2/swamp trail.									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

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