DAY 30th MONTH OCT YEAR 2009 OBS-PC KJ TMF/40 _____ 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	TD	GRID	MNK	SP	PT
Estrus																																															
5:45																																															
6:00																							X	X	X																		X	N125		—	—
6:15																							X	X	X																		X			—	—
6:30																							X	X	X																		X			—	—
6:45																							X	X	X																		X			FGX	YL
7:00																							X	X	X																		X			FGX	YL
7:15																							X	X	X																		X	N125	RDC	—	—
7:30																							X	X	X																		X	M125		APH	RF
7:45																							X	X	X																		X			APH	RF
8:00							X																X	X	X																		X			FNA	RF
8:15				X	X		X																X	X	X						X	X											X				
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12:45				X	X		X																X	X	X						X	X											X	"		—	—
	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	TD	GRID	MNK	SP	PT
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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 BEHAVIOUR

DAY: 30 MONTH: OCT YEAR: 2009 KPC: KJ OTHERS: _____ FOUND: N

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
550	KJ arrived at the resting site									
600		TG	TT	TS TD	E II				∅	
615		TG	TT	TS TD	II				∅	
624	TT coming out of the night nest.									
630		TG	TT	TS TD	E II				∅	
632	TS coming out of the night nest.									
634	TT and TS crossed over to FEX and started feeding on YL.									
635	TG (TD) coming out of the night nest and crossed over to FEX.									
645		TG	TT	TS TD	E II	V	FEX	YL	∅	
700		TG	TT	TS TD	II	V	FEX	YL	∅	
712	Chimps coming down from FEX									
715		TG	TT	TS TD	E II				RDC	
728	TG (TD) and TS climbed into Aphania and started feeding on RF.									
730		TG	TT	TS TD	B II	V	APH	RF	∅	
742	Heard distant calls from the north, TG did not respond.									

Aggression/Received aggression

Time	Aggr. ID	VD	NvD	CHA	Attack Duration	1	2	3	Vic ID	Response of victim: No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN INTERVALS: Party composition, Location, Food, MNK

Estrous: 1=None; 2=Partial; 3=Full

AP: adult play; CP: copulation; CY: carry; DR: drink; ELE: elephants; FBK: food bark; HCG: hand-clasp groom; HNY: honey; IGI: inter-group interaction; LF: leaf use; MAT: monkeys attack; PIG: pigs; PRED: predation; PTG: pant-grunt; RN: rain; RD: rain display; SOIL: eating red soil; STK: stick use; TLU: tool use; UNF: unusual food; O: other unusual events; PAT: patrol (non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC BEHAVIOUR

DAY: 30 MONTH: OCT YEAR: 2009 KPC: KT OTHERS: – – FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
745		TG	TT	TD TS	V/21	✓	APH	RF	Ø	
746	TG coming down from APH.									
749	chimps joined LK who was feeding on									
	FNA at V/23. TG TS and TT made pant									
	barks then LK made food barks, they									FBK
	also joined him with food barks as they									
	started feeding. distant calls were heard									
	from north west of the location, this									
	party continued with food barks.									
757	Heard distant calls from north west of									
	the location (V/23) this party responded									
	with waars.									
800	LK	TG	TT	TS TD	V/23	✓	FNA	RF		
805	TG approached LK pant grunting and									PTG
	groomed him.									
807	Hand clasp mutual groom				LK ↔ TG					HCG
808	LK grooming TG after hand clasp.									

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN INTERVALS: Party composition, Location, Food, MNK

Estrous: 1=None; 2=Partial; 3=Full

AP: adult play; CP: copulation; CY: carry; DR: drink; ELE: elephants; FBK: food bark; HCG: hand-clasp groom; HNY: honey; IGI: inter-group interaction; LF: leaf use; MAT: monkeys attack; PIG: pigs; PRED: predation; PTG: pant-grunt; RN: rain; RD: rain display; SOIL: eating red soil; STK: stick use; TLU: tool use; UNF: unusual food; Q: other unusual events; PAT: patrol (non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC BEHAVIOUR LRD

DAY: 30 MONTH: OCT YEAR: 2009 KPC: KT OTHERS: _____ FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
810	Heard distant calls from the north west,									
	this party responded with both wars									
	and food barks.									FBK
811	TG grooming LK.									
812	AJ YB	LR LO	Joined the party at V123,							
	both parties made food barks.									FBK
815	AJ LK YB	TG LR	TT LO	TS TD	V 23	✓	FNA	RF	∅	
824	AJ grooming LK.									
825	AJ made arm threat and branch shaking									
	to LR who did not avoid but made									
	screams									
830	LK AJ YB	TG LR	TT LO	TS TD	V 23	✓	FNA	RF	∅	
845	LK AJ YB	TG LR	TT LO	TS TD	"	✓	FNA	RF	∅	
900	LK AJ YB	TG LR	TT LO	TS TD	"	✓	FNA	RF	∅	
901	~~LK grooming~~	AJ								
904	AJ grooming LK									
906	LK grooming	AJ								
909	AJ grooming	LK								

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN INTERVALS: Party composition, Location, Food, MNK **Estrous: 1=None; 2=Partial; 3=Full**

AP: adult play; **CP**: copulation; **CY**: carry; **DR**: drink; **ELE**; elephants; **FBK**: food bark; **HCG**: hand-clasp groom; **HNY**: honey; **IGI**: inter-group interaction; **LF**: leaf use; **MAT**: monkeys attack; **PIG**: pigs; **PRED**: predation; **PTG**: pant-grunt; **RN**: rain; **RD**: rain display; **SOIL**: eating red soil; **STK**: stick use; **TLU**: tool use; **UNF**: unusual food; **Q**: other unusual events; **PAT**: patrol (non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC BEHAVIOUR

DAY: 30 MONTH: OCT YEAR: 2009 KPC: KJ OTHERS: ST SM JM FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
915	LK AJ YB	LR TG	TT LO	TD TS	V 23	✓	FNA	RF	ø	
"	LK grooming AJ									
923	AJ grooming LK									
929	LK grooming AJ									
930	LK AJ YB	TG LR	TT LO	TD TS	V 23	✓	FNA	RF	ø	
938	TG approached YB and groomed him.			pant grunting						
940	YB grooming TG									
942	TT grooming TS									
945	LK AJ YB	TG LR	TT LO	TD TS	V 23	✓	FNA	RF	ø	
946	AJ grooming LK									
949	TT grooming LR									
951	LR grooming TT									
954	AJ being groomed by LK									
957	AJ grooming LK.									
"	Heard distant calls from the east,									
	this party made pant hoots.									

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN INTERVALS: Party composition, Location, Food, MNK

Estrous: 1=None; 2=Partial; 3=Full

AP: adult play; CP: copulation; CY: carry; DR: drink; ELE: elephants; FBK: food bark; HCG: hand-clasp groom; HNY: honey; IGI: inter-group interaction; LF: leaf use; MAT: monkeys attack; PIG: pigs; PRED: predation; PTG: pant-grunt; RN: rain; RD: rain display; SOIL: eating red soil; STK: stick use; TLU: tool use; UNF: unusual food; O: other unusual events; PAT: patrol (non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC BEHAVIOUR

DAY: 30 MONTH: OCT YEAR: 2009 KPC: KJ OTHERS: SJSM JM FOUND: 11

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1000	AJ LK YB	TG LR	TT LO	TS TD	V 23	V	FNA	RF	Ø	
1002	LK grooming		AJ							
〃	TT grooming	TG								
1006	AJ grooming		LK							
1013	LK grooming		AJ							
1075	AJ LK YB	TG LR	TT LO	TS TD	V 23	V	FNA	RF	Ø	
〃	AJ grooming		LK							
1076	LR grooming		YB							
1078	LK grooming		AJ							
1080	AJ LK YB	TG LR	TT LO	TS TD	V 23	V	FNA	RF	RDT	
1045	AJ LK YB	TG LR	TT LO	TS TD	〃	V	FNA	RF	〃	
1058	YB LK AJ LR (LO) coming down from FNA									
1059	Chain groom AJ→LK→YB									
1100	AJ LK YB	PR TG	TT LO	TS TD	V 23	V	FNA	RF	RDT	
1103	AJ grooming		YB							
1104	LK grooming		AJ							
1105	AJ grooming		LK							
1106	LR grooming		LO							

Aggression/Received aggression

Time	Aggr.	VD	NvD	CHA	Attack			Vic	Response of victim						Behavioural context	T/G
	ID	Duration			1	2	3	ID	No	Av	Tn	Sb	Rt	RA		

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN INTERVALS: Party composition, Location, Food, MNK

Estrous: 1=None; 2=Partial; 3=Full

AP: adult play; CP: copulation; CY: carry; DR: drink; ELE: elephants; FBK: food bark; HCG: hand-clasp groom; HNY: honey; IGI: inter-group interaction; LF: leaf use; MAT: monkeys attack; PIG: pigs; PRED: predation; PTG: pant-grunt; RN: rain; RD: rain display; SOIL: eating red soil; STK: stick use; TLU: tool use; UNF: unusual food; Q: other unusual events; PAT: patrol (non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC BEHAVIOUR

DAY: 30 MONTH: OCT YEAR: 2009 KPC: KJ OTHERS: SJSM JM FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1109	TG family coming down from FIG								-	
1111	mutual groom LK ↔ AJ									
1112	AJ grooming LK									
1113	Lo playing alone by swinging on branches									
1115	LK grooming AJ									
1115	LK AJ YB	TG LR	TT LO	YSTD	V 23				ROT	
1117	YB grooming LK									
1120	Hand clasp mutual groom LK ↔ YB									HCG
1122	LK grooming YB									
1124	YB grooming LK									
1129	NP TJ									
1130	LK YB AJ TJ	TG LR	TT LO	TS TP NP	V 23				ROT	
1145	LK YB AJ TJ	TG LR	TT LO	TS TP NP	〃				〃	
1200	LK YB TJ AJ									
1215	LK YB TJ AJ	TG LR	TT LO	TS TP NP	〃				〃	
1230	LK YB AJ TJ	TG LR	TT LO	TS TP NP	〃				〃	
1245	LK YB AJ TJ	TG LR	TT LO	TS TP NP	〃				〃	

Aggression/Received aggression

Time	Aggr. ID	VD Duration	NvD	CHA	Attack 1	2	3	Vic ID	Response of victim No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN INTERVALS: Party composition, Location, Food, MNK

Estrous: 1=None; 2=Partial; 3=Full

AP: adult play; **CP**: copulation; **CY**: carry; **DR**: drink; **ELE**; elephants; **FBK**: food bark; **HCG**: hand-clasp groom; **HNY**: honey; **IGI**: inter-group interaction; **LF**: leaf use; **MAT**: monkeys attack; **PIG**: pigs; **PRED**: predation; **PTG**: pant-grunt; **RN**: rain; **RD**: rain display; **SOIL**: eating red soil; **STK**: stick use; **TLU**: tool use; **UNF**: unusual food; **O**: other unusual events; **PAT**: patrol (non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 30 MONTH OCT YEAR 2009 KPC KJ OTHERS SJ SM JM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1300	HKyB AJ	TG LR	TLO	TOTS	V 23				ROT	
1305	KJ left,	SM took	over.							

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Behavioral Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **ELE:** Elephants; **FBK:** Food Bark; **HCG:** Hand-clasp groom; **HNY:** Honey
IGI: Intergroup interaction; **LF:** Leaf use; **MAT:** Monkeys attack; **PIG:** Pigs; **Pred:** Predation; **PTG:** Pant-grunt; **RN:** Rain
RD: Rain display; SOIL: Eating red soil; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)