DAY 17th MONTH Sept YEAR 09 OBS-PC SM 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	GRID	MNK	SP	PT
5:45																																														
6:00									X																																		M126	None	—	—
6:15									X																																			—	—
6:30									X																																			—	—
6:45									X																																			FCP	RF
7:00									X																																					
7:15									X																																					
7:30									X	X																																X				
7:45									X	X																																X		↓	↓
8:00									X	X	X																															X		FCP	RF
8:15									X	X	X																															X		—	—
8:30									X	X	X																															X		FCP	RF
8:45									X	X	X																															X			
9:00									X	X	X																															X			
9:15									X	X	X																															X		↓	↓
9:30									X	X	X																															X		FCP	RF
9:45									X	X	X																															X		—	—
10:00									X	X	X																															X			
10:15									X	X	X																															X			
10:30									X	X	X																															X			
10:45									X	X	X																															X		LOW	YL
11:00									X	X	X																															X		PHY	RF
11:15									X	X	X																															X		—	—
11:30									X	X	X																															X		—	—
11:45									X	X	X																															X		—	—
12:00									X	X	X																															X	M126		—	—
12:15									X	X	X																															X	M127	↓	MMS	RF
12:30									X	X	X																															X	"	None	"	"
12:45									X	X	X																															X	"	MGB	"	"
	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	M127	MGB	ADH	RF
13:15									X	X	X																															X				
13:30									X	X	X																															X				
13:45									X	X	X																															X				
14:00									X	X	X																															X		↓	↓
14:15									X	X	X																															X		ADH	INF
14:30									X	X	X																															X		—	—
14:45									X	X	X																															X		MGB	THV	THV
15:00									X	X	X																															X		None		
15:15									X	X	X																															X				
15:30									X	X	X																															X				
15:45									X	X	X																															X				
16:00									X	X	X																															X	M127		THV	THV
16:15									X	X	X																															X	M126		—	—
16:30									X	X	X																															X			CAF	YL
16:45									X	X	X																															X			"	"
17:00									X																																				"	"
17:15									X																																				—	—
17:30									X																																				—	—
17:45									X																																				—	—
18:00									X																																				—	—
18:15									X																																			M126	None	—	—
18:30																																														
18:45																																														
19:00																																														
19:15																																														
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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	GRID	MNK	SP	PT
Health									1	1	1																															1				

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: 17th MONTH: Sept YEAR: 09 KPC: SM OTHERS: — FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
555	OBS arrived at the nest site									
600	PG				B/27				Ø	
615	PG				11				Ø	
630	PG				11				Ø	
634	PG leaving night nest									
636	PG climbed down on ground and moving									
638	PG climbed into FCP tree and started feeding									
	Silent									
645	PG				B/27	✓	FCP	RF	Ø	
700	PG				11	✓	11	11	Ø	
715	PG				11	✓	11	11	Ø	
728	ES EU PB joined PG			Who made food grunts						FGR
	then ES PB made joint VD PB slapping the ground									
730	ES PG PB			EU	B/27	✓	FCP	RF	Ø	
730	ES PB EU climbed into a feeding while ES									FBK
	making food barks									
744	PG grooming PB									
745	PG ES PB			EU	B/27	✓	FCP	RF	Ø	

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		
728	ES PB	10sec						None							Reunion	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; **Q**: other unusual events; **PAT**: patrol (non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC BEHAVIOUR

DAY: 17th MONTH: Sept YEAR: 09 KPC: SM OTHERS: — FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
745	Hand clasp	Mutual groom	PG	↔ PB						Hcg
747	PB groomed	PG after	hand clasp							
751	Mutual	groom	PG ↔	PB						
753	Hand clasp	Mutual groom	PG ↔	PB						Hcg
755	PB groomed	PG after	hand clasp							
759	PG grooming	PB								
800	ES PG PB			EU	B/27	✓	FCP	RF	Ø	
800	Hand	clasp	Mutual	groom PG ↔	PB					Hcg
802	PG	grooming	PB after	hand	clasp					
803	Hand	clasp	Mutual	groom PG ↔	PB					Hcg
804	Mutual	groom	after	hand clasp	PB ↔	PG				
805	PB	grooming	PG after	mutual						
807	Mutual	groom	PG ↔	PB						
810	Hand	clasp	Mutual	groom	PG ↔	PB				Hcg
812	Mutual	groom	after	hand	clasp	PG ↔	PB			
813	ES	grooming	EU							
815	ES PG PB			EU	B/27				Ø	
815	EU	grooming	ES end	PG	grooming	PB				

Aggression/Received aggression

Time	Aggr. ID	VD	NvD	CHA	Duration	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; **Q:** other unusual events; **PAT:** patrol (non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC BEHAVIOUR

DAY: 17th MONTH: Sept YEAR: 09 KPC: SM OTHERS: — FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
819	PB grooming	Pg								
822	Hand clasp	mutual	groom		Pg ↔ PB					Heg
823	Pg groomed PB after hand clasp									
824	Hand clasp	Mutual	groom	Pg ↔ PB						Heg
825	ES grooming EU									
825	PB groomed Pg after hand clasp									
827	EU grooming ES									
830	ES Pg PB			EU	B/27	✓	Fep	RF	Ø	
834	Pg made NvD and chased ES who fled pant barking									
845	ES Pg PB			EU	B/27	✓	Fep	RF	Ø	
849	PB grooming Pg									
858	Pg made arm threat to ES who made pant barks extending hand to Pg he ignored									
900	ES Pg PB			EU	B/27	✓	Fep	RF	Ø	
915	ES Pg PB			EU	"	✓	"	"	Ø	
924	PB leaving the feeding tree									
930	ES Pg PB			EU	B/27	✓	Fep	RF	Ø	

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		
834	Pg		45sec	35sec				ES		F		✓			unknown	

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: 17th MONTH: Sept YEAR: 09 KPC: SM OTHERS: — FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
931	Chimps leaving the feeding tree and									
	Moving on ground									
937	PB feeding on phyto Uacca Nipe fruits									
941	PB grooming PG, ES and Eu looking at them									
943	PG grooming PB									
944	Hand clasp	Mutual groom			PG ↔ PB					Hcg
944	Eu grooming ES									
945	ES PG PB			Eu	B2 28				D	
946	Mutual groom after hand clasp				PG ↔ PB					
946	Hand clasp	mutual groom			PG ↔ PB					Hcg
947	PG groomed PB after hand clasp									
950	Mutual groom	PG ↔ PB								
955	PG grooming PB after mutual									
957	Hand clasp	mutual groom			PG ↔ PB					Hcg
1000	ES PG PB			Eu	B2 28				D	
1001	PG groomed PB shortly									
1002	ES grooming PG, Eu looking at them									
1003	ES grooming	Eu								

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**

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KPC BEHAVIOUR

DAY: 17th MONTH: Sept YEAR: 09 KPC: SM OTHERS: — FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1005	EU grooming ES									
1011	PG grooming PB									
1013	Hand clasp		Mutual groom		PG ↔ PB					HCG
1014	PB groomed		PG after hand clasp							
1015	ES PG PB			EU	B2 28				Ø	
1016	Mutual groom		PG ↔ PB							
1021	PG grooming		PB after mutual							
1024	PB grooming		PG							
1025	Hand clasp		Mutual groom		PG ↔ PB					HCG
1028	PB groomed		PG after hand clasp							
1030	ES PG PB			EU	B2 28				Ø	
1045	ES PG PB			EU	N	✓	LOW	YL	Ø	
1050	Chimps feeding on ~~CAF~~ young leaves									
1059	PG feeding on Phytollacca ripe fruits									
1100	ES PG PB			EU	C 28	✓	PHY CAF	RF YL	Ø	
1105	PG Made vocal displays PB responded									
	With roar barks									
1112	Heard distant calls from east of VD and PB slapped the ground				K14	PG PB made				

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
1105	PG	6sec						None							Unknown	G
1112	PG PB	12sec						None							Social excitement	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; **Q**: other unusual events; **PAT**: patrol (non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC BEHAVIOUR

DAY: 17th MONTH: Sept YEAR: 09 KPC: SM OTHERS: — FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1115	ES PG PB			EU	C/28 ex				Ø	
1115	ES Made VD		EU responded		with vocals and					
	PG PB made pant hoots									
1130	ES PG PB			EU	C/28 ext				Ø	
1145	ES PG PB			EU	"				Ø	
1200	ES PG PB			EU	"				Ø	
1214	Chimps	climbed into	MMS tree		and started					
	feeding silent.									
1215	ES PG PB			EU	F/S	✓	MMS	RF	Ø	
1221	PB Made	Wear barks	threatening		EU. She					
	Screamed but not avoid.									
1230	ES PG PB			EU	F/S	✓	MMS	RF	Ø	
1245	ES PG PB			EU	"		"	"	MGB	
1252	Chimps	leaving the	feeding	and	moving on					
	ground									
1258	Chimps	climbed into	APH tree		and started					
	feeding silent									
1300	ES PG PB			EU	F/S	✓	APH	RF	MGB	

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		
1115	ES	7sec						None							Unknown	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**

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KPC BEHAVIOUR

DAY: 17th MONTH: Sept YEAR: 09 KPC: SM OTHERS: — FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1315	ES PB PG			EU	F/S	✓	APH	RF	MgB	
1320	PB chased EU who avoid casual screaming									
1330	ES PB PG			EU	F/S	✓	APH	RF	MgB	
1345	ES PB PG			EU	"	✓	"	"	"	
1357	It started raining									RN
1400	ES PB PG			EU	F/S	✓	APH CAF	RF YL	MgB	
1406	PB made rain displays (NVD) and slapping									RD
	the ground others didn't respond									
1415	ES PB PG			EU	F/S	✓	APH	RF	MgB	
1423	PB Made rain displays (NVD) Others didn't									RD
	respond.									
1430	ES PG PB			EU	F/S				MgB	
1437	Chimps climbed down on ground then moving									
1440	Chimps entered into THV making food grunts									
	then started feeding									
1445	ES PG PB			EU	F/S	✓	THV	THV	MgB	
1500	ES PG PB			EU	S/29	✓	"	"	D	
1510	It stoped raining									

Aggression/Received aggression

Time	Aggr. ID	VD	NvD Duration	CHA	Attack 1	2	3	Vic ID	Response of victim No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G
1320	PB			2sec				EU		C		✓			food competetion	T
1406	PB		40sec					None							Social excitement	G
1423	PB		30sec					None							" " "	G

Copulations

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

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

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Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1515	ES PG PB			EU	S/29	✓	THV	THV	Ø	
1530	ES PG PB			EU	〃	✓	〃	〃	Ø	
1545	ES PG PB			EU	〃	✓	〃	〃	Ø	
1600	ES PG PB			EU	〃	✓	〃	〃	Ø	
1606	PB feeding on phytolacca ripe fruits									
1615	ES PG PB			EU	F/28	ext			Ø	
1630	ES PG PB			EU	〃	✓	CAF THV	YL THV	Ø	
1645	ES PG PB			EU	〃	✓	〃	〃	Ø	
1650	ES EU and PB got lost in THV									
1700	PG				B2/28	✓	CAF	YL	Ø	
1711	PG building a night nest tree = DOSP HT=18m									
	DBH = 46 cm									
1715	PG				B2/28				Ø	
1730	PG				〃				Ø	
1745	PG				〃				Ø	
1800	PG				〃				Ø	
1815	PG				〃				Ø	
1820	OBS leaving the nest site									

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

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