DAY 18th MONTH Aug YEAR 09 OBS-PC SM TMF/40 ICTWAGRS SJKT FM 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	EL	LS	GRID	MNK	SP	PT
Estrus																			12				1												2	1															
5:45																																																	
6:00																																																	
6:15				X								X							X	X	X	X	X	X	X											X	X							X	X		M/24	None	—	—
6:30				X								X							X	X	X	X	X	X	X											X	X							X	X				—	—
6:45				X								X							X	X	X	X	X	X	X											X	X							X	X				—	—
7:00				X								X							X	X	X	X	X	X	X											X	X							X	X			↓	FBr	YL
7:15				X								X							X	X	X	X	X	X	X											X	X							X	X			None	"	"
7:30				X								X							X	X	X	X	X	X	X						X	X				X	X							X	X			Bwc	FBr	RF
7:45				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			"		
8:15				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			*	FBr	RF
8:45				X								X							X	X	X	X	X	X	X						X	X				X	X							X	X			None	—	—
9:00				X								X							X	X	X	X	X	X	X						X	X				X	X							X	X		↓	—	—
9:15				X								X							X	X	X	X	X	X	X						X	X				X	X							X	X		M/24	—	—
9:30				X								X							X	X	X	X	X	X	X						X	X				X	X							X	X		M/25	FCr	RF
9:45				X			X	X				X							X	X	X	X	X	X	X						X	X				X	X							X	X		M/26	"	"
10:00				X			X	X				X							X	X	X	X	X	X	X						X	X				X	X							X	X					
10:15				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					
10:45				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						X	X				X	X							X	X					
11:15				X			X	X				X							X	X	X	X	X	X	X						X	X				X	X							X	X					
11:30				X			X	X				X							X	X	X	X	X	X	X						X	X				X	X							X	X					
11:45				X			X	X				X							X	X	X	X	X	X	X						X	X				X	X							X	X		↓		↓	↓
12:00				X			X	X				X							X	X	X	X	X	X	X						X	X				X	X							X	X		M/26		FCr	RF
12:15				X			X	X				X																			X	X													M/25		—	—
12:30			X	X			X	X				X																			X	X													"		—	—
12:45			X	X			X	X				X																			X	X													"		MAR	Pith
	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	EL	LS	GRID	MNK	SP	PT
13:00			X	X			X					X																			X	X													M/25	None	—	—
13:15			X	X			X					X																			X	X															—	—
13:30			X	X			X					X																			X	X															—	—
13:45			X	X			X					X																			X	X															—	—
14:00			X	X			X					X																			X	X															—	—
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14:30			X	X			X					X																			X	X													M/25		FEx	YL
14:45			X	X			X					X																			X	X													M/26		—	—
15:00			X									X																																				CAF	YL
15:15			X									X																																					
15:30			X									X																																					
15:45			X									X																																					
16:00			X									X																																				↓	↓
16:15			X									X																																				CAF	YL
16:30			X									X																																				None	—
16:45			X									X																																			M/26	RDC	—	—
17:00			X									X																																			M/27	None	THv	
17:15			X	X			X	X				X							X	X	X	X	X	X	X											X	X							X						
17:30			X	X			X	X				X							X	X	X	X	X	X	X											X	X							X						
17:45			X	X			X	X				X							X	X	X	X	X	X	X											X	X							X			↓	↓	↓
18:00			X	X			X	X				X							X	X	X	X	X	X	X											X	X							X			M/27	None	THv	
18:15				X			X					X																																		N/27	"	—	—
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	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	EL	LS	GRID	MNK	SP	PT
Health	1	1	1	1	1		1	1			1	2							2	2	2		1	1	1						2																		

COMMENTS TJ OU have wet Cough and OM to have dry Cough. YB has a healing wound on his batter and AJ has a wound on

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

Comments: heel of his left foot; Rbc Bwc from 815 – 830.

OT(2) OU(2) QT(1) **KPC Behavior** TJ(1) TW AG RS

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS Fmle FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
608	OBS arrived at the nest site									
612	TJ leaving the night nest and YB followed									
	him at sametime TJ made vocal display									
	and YB joined him making vocal display									
	and some one on a distant made waars									
615	YB TJ	OU TJ OT QT	TT QV OJ	NP TD TS OL OM	S/12				Ø	
616	Heard distant calls from South of K14									
	and TJ YB made vocal displays									
630	YB TJ	OU TJ OT QT	TT QV OJ	NP TD TS OL OM	S/12				Ø	
645	YB TJ	OU TJ OT QT	TT QV OJ	NP TD TS OL OM	n				Ø	
647	QT (QV) leaving aright nest									
649	TJ (TD) leaving aright nest									
653	YB Made non vocal displays. Others									
	made pant hoots									
655	TJ was heard coughing (wet cough)									
658	OJ grooming YB									
659	TJ feeding on FEX young leaves									
700	YB TJ	TJ QT OU OT	TT QV OJ	NP OM OL TS TD	R/13	✓	FEX	YL	Ø	

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

Time	ID	VD	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
		Duration														
612	TJ	8sec						None							wake	T
612	YB	6sec						None							wake	T
653	YB	4sec						None							unknown	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?)

WL (2) LR (1) **KPC Behavior** TWAGRS

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS SJKJFMIC FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
702	OU was heard coughing (wet cough)									
703	TJ Inspecting OU by smelling on estrous									
706	NP and OM TG feeding on FEX young leaves									
713	OM was heard coughing (dry cough)									
715	YB TJ	OU OT QT TG	OG QN TT	NP OM DL TS TD	R/13	✓	FEX	YL	Ø	
716	OU feeding on TRI young leaves									
723	YB made non vocal displays and buttress bungs									
	TG Made pant barks									
724	TJ Made non vocal displays and QT fled									
	pant barking climbing a tree, others made									
	waars									
725	chimps climbed into FBR tree joining LR									
	Lo all made pant hoots									
727	WL (WC) joined the party making pant hoots									
	others also made pant hoots									
730	YB TJ	LR OU TG OT WL QT	OG WC QN LO	TS OM TD OL NP	P/9	✓	FBR	RF	BWC	
740	Heard distant calls from South of K 14									
	this party responded with pant hoots									

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

Time	ID	VD	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
		Duration														
723	YB		6sec					None							Unknown	g
724	TJ		3sec					QT		F	pant bark				Unknown	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?)

KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS TWAGRS SJ KJ FMIC FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
745	YB TJ	LK QU WL OT OU TG	OG WC TT LO GN	TS OL TD OM NP	P/9	✓	FBR	RF	BWC	
756	KK joined the party he made non vocal									
	displays Others made pant barks									
800	KK TJ YB	OU OT QU WL TG LR	TT LO OG WC QV	TS OM TD OL NP	P/9	✓	FBR	RF	BWC	
803	Heard distant calls from South of K14 this									
	party made Waars									
815	KK TJ YB	OU OT QU WL TG LR	TT LO OG WC QV	NP OM OL TS TD	P/9	✓	FBR	RF	BWC RDC	
816	Heard distant calls from South of K14 this									
	party responded with pant hoots									
826	RDC monkey's come close to afeeding tree make									
	alarm calls, and some Individuals leaving the									
	tree Silent.									
830	KK TJ YB	OU OT LR WL TG QU	TT LO OG WC QV	NP OM OL TS TD	P/9	✓	FBR	RF	BWC RDC	
835	One RDC Adult male entered into afeeding									MAT
	tree make alarm calls and chased, harassing									
	TJ. Who fled silent and leave the tree									
836	KK made non vocal displays and chased OU									
	Whofled screaming climb atree and LRWL fled both pant barking									

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

Time	ID	VD	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
		Duration														
756	KK		6sec					None							reunion	g
833	KK YB	6sec						None							unknown	g
836	KK		6sec	4sec				OU		F	Scream				unknown	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?)

833 KK and YB made joint vocal displays and buttress bungs Others made pant barks

KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS 1C TWA GRS SJ KJ FM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
842	TJ grooming WL									
843	Hand clasp mutual groom TJ ⟺ WL									
845	KK YB TJ	OU OT WL TG QT LR	LO QV WC TT OG	OL TS OM TD NP	S/12				Ø	
846	LR om QT feeding on Brown soil from roots of fallen tree									
847	QT pant grunted to TJ and she presented to									
	him, he Inspected her by touch on estrous									
847	Hand									Hcg
848	OU groomed OT after hand clasp									
848	LR grooming TJ									
849	WL grooming WC									
851	TJ grooming WL									
852	TJ grooming TG									
853	Hand clasp mutual groom TJ ⟺ WL									
854	WL and TG both groomed									
854	Hand clasp mutual groom									
855	KK approached OU who pant grunted to									PTG
	him then she groomed KK									
855	LR playing with LO									

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?)

KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS SJ KJ FM KC TW AGRS FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
855	chain groom WL -> TJ -> TG									
857	Hand clasp mutual groom OU <-> KK									Hcg
858	OU groomed KK after hand clasp									
858	YB grooming OG and OM grooming OT									
859	LO was heard coughing (dry cough)									
859	TJ grooming WL									
859	Hand clasp mutual groom YB <-> KK									Hcg
900	KK YB TJ	OU OG WL OT TG LR	LO TT OG WCW	NB TOM TG OL	5/13				Ø	
900	KK groomed YB after hand clasp									
902	TJ playing with TT by tickling and make soft bites each other									AP
906	TT and TJ played badly where by TT screamed and chased TJ who fled silent									
906	Hand clasp-mutual groom LR <-> WL									Hcg
908	TJ approached WL who pant grunted to him and she extended hand to TJ, he made soft bites on hand									PTG
910	Some ID's separated from others and moved away									

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

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	No	Av	Response of Victim: Submission	Tn	Rt	RA	Behavioral Context	Height T or G
906	TT			6sec				TJ		F	Silent				protection	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?)

KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS ICTWAGRS SJKJ FM FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
915	TJ	LR TG WL	LO TT WL	NP TD TS	S/13				Ø	
918	Heard distant calls from east of K 14									
	and TJ made non vocal displays WL LR									
926	Chimps joined other ID's no calls made									
929	TJ feeding on Brown Soil from roots of a fallen									
	n tree									
930	TJ	TG QU WL OU LR	OG QV WC LO TT	NP OM OL TD TS	V/23	✓	FCP	RF	Ø	
931	TJ made vocal displays and chased OG who fled screaming									
939	Chimps joined LK YB KK in FCP tree make									
	pant hoots and started feeding on ripe fruits									
941	OG chased NP in a feeding tree she fled									
	screaming									
942	TJ approached WL who avoid casual screaming and he supplanted her									
	at same time WL turned back, likewise									
	TJ did the same and they made Rump rub									RR
943	WL made arm threat against OU and likewise									
	OU did the same while all make screams but no contact then WL									
	chased OM who fled screaming									

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

Time	ID	VD	NvD	Chase	Attack 1	Attack 2	Attack 3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Behavioral Context	Height T or G
		Duration														
915	TJ		4sec					None							Unknown	G
918	TJ	3sec						None							Unknown	G
931	TJ	2sec	3	3sec				OG		F	Scream				Unknown	G
941	OG			2sec				NP		F	Scream				food competition	T
943	WL			3sec				OM						✓	unknown	T

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?)

918 TJ made vocal displays Tg made pant barks

KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS AG RS SJ KJ FMK FOUND

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
945	LK KK YB TJ	OU TG WL QT OT LR	LO TT OG WC QV	NP TS TD OL OM	B/27	✓	FCP	RF	Ø	
951	LR approach pant grunting to KK and she groom									PTG
	ed him.									
1000	LK KK YB TJ	OU WL QT OT TG LR	LO OG TT WC QV	NP TS TD OL OM	B/27	✓	FCP	RF	Ø	
1006	KK chased WL who fled screaming Others									
	made pant barks									
1015	LK TJ KK YB	OU WL QT OT TG LR	LO OG TT WC QV	NP TS TD OL OM	B/27	✓	FCP	RF	Ø	
1015	OT build aday nest with in afeeding tree									
	HT = 35 m high									
1015	OG grooming YB									
1030	LK KK YB TJ	OU WL QT OT TG LR	LO OG TT WC QV	NP TS TD OL OM	B/27	✓	FCP	RF	Ø	
1037	WL grooming TJ and QT grooming YB									
1045	LK TJ KK YB	OU WL QT OT TG LR	LO OG TT WC QV	NP TS TD OL OM	B/27	✓	FCP	RF	Ø	
1045	LR (LO) build aday nest tree = CAF HT = 22									
	m									
1054	OG entered into old nest and he improving									
	it tree = CAF HT = 18 m									
1056	TG (TD) build aday nest tree = CAF HT = 24 m									

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
1006	KK			2sec				WL		F	Scream				Unknown	T

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
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PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS TWAGRS SJ KJ FMIC FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1058	TJ grooming WL									
1100	KK LK YB TJ	OU TG OT WL BT LR	OG WE TT BV LO	TS OL TD OM NP	B/27	✓	FCP	RF	Ø	
1105	OT leaving a day nest									
1112	NP grooming YB									
1113	YB grooming NP									
1115	KK LK YB TG	OU TG WL BT OT LR	OG BV WE LO TT	TS OL TD OM NP	B/27	✓	FCP	RF	Ø	
1120	OT threatened NP by Shake a branch							Shifted		
	Screaming									
1127	OG leaving a day nest									
1130	KK LK YB TJ	OU TG BT WL OT LR	OG BV WE LO TT	TS OL TD OM NP	B/27	✓	FCP	RF	Ø	
1133	TJ LK YB	TT OG climbed down and moving								
	Other ID's remained in area									
1145	KK LK YB TJ	OU TG BT WL OT LR	OG BV WE LO TT	TS OL TD OM NP	B/27	✓	FCP	RF	Ø	
1157	TJ feeding on ACA pith (TTAv)									
1200	KK LK YB TJ	OU TG BT WL OT LR	OG BV WE LO TT	OM TD OL TS NP	B/27	✓	FCP	RF	Ø	
1208	Heard distant calls from west of K14 TJ and. Other ID's made noises									
1206	KK LK YB	TJ NP and LR NP Separated from								
	Others and moved towards calls									

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

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KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS SJ AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1210	LR and KK both grooming LK									
1211	Hand clasp Mutual groom KK<->LK<-LR									Hcg
1213	Chain groom LR->LK->KK									
1214	LK groomed KK shortly and				LR	groomed			TJ	
1215	LK YB KK TJ	LR	vo	NP	B/23				D	
1218	LK grooming NP									
1216	AJ and BB joined the party and LK KK made									
	joint non vocal displays AJ fled screaming									
	and BB fled silent climbing atree									
1217	LK grooming AJ and KK approached BB while									
	charging he mounted him then KK groomed BB									
1218	AJ grooming LK									
1218	Hand clasp mutual groom LK<->AJ									Hcg
1219	LK groomed AJ after hand clasp									
1220	Hand clasp mutual groom BB<->KK									Hcg
1222	Chain groom after hand clasp YB->BB->KK									
1222	LR approach pant grunting to LK and AJ both									PTG
	ignored									

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
1216	LK KK		10sec					AJ BB		F	Scream				Reunion	G

Copulation

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

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KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS SJ AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1223	LR approach pant grunting to				BB	and	She	groo		PTG
	med him									
1223	Hand clasp mutual groom				LR	<->	BB			Hcg
1224	LR groomed BB after hand clasp									
1224	AJ grooming LK									
1225	Hand clasp mutual groom				LR	<->	BB			Hcg
1225	LR and KK both grooming BB after hand clasp									
1226	Hand clasp mutual groom				KK	<->	BB			Hcg
1227	LK grooming AJ									
1229	KK groomed BB after hand clasp									
1230	KK/TJ LK BB AJ JB	LR	LO	NP	Y/23				Ø	
1236	TJ feeding on TRI young leaves									
1238	AJ grooming LK									
1241	LR playing with LO where boy				LR	tickling				AP
	and touch on LO									
1242	TJ feeding on MAR pith (THV)									
1244	Hand clasp mutual groom				BB	<->	KK			Hcg
1244	KK groomed BB after hand clasp.									

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

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KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS SJ AG FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1245	KK BB YB LK AJ TJ	LR	LO	NP	Y/23	✓	MAR	Pith	Ø	
1245	Hand clasp mutual groom BB ⟷ KK									Hcg
1245	BB groomed KK after hand clasp									
1248	AJ has wound on heel of his left foot and									
	YB has a healing wound on his buttox									
1251	AJ grooming LK									
1254	KK grooming BB									
1255	LK grooming AJ									
1300	KK BB YB LK TJ AJ	LR	LO	NP	Y/23				Ø	
1303	Hand clasp mutual groom				KK ⟷			BB		Hcg
1304	KK groomed BB after hand clasp									
1314	AJ grooming LK									
1315	KK AJ LK YB TJ	LR	LO	NP	Y/23				Ø	
1319	LK grooming AJ									
1327	AJ grooming LK									
1330	KK YB LK BB TJ AJ	LR	LO	NP	Y/23				Ø	
1331	Hand clasp mutual groom				LK ⟷ AJ					Hcg
1333	LK groomed AJ after hand clasp									

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

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

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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?)

KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS SJ AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1335	AJ approach	pant grunting to			KK		he	ignored		PTG
1343	LR approach	pant grunting to			KK		and	they		
	made hand clasp	mutual groom			LR↔			KK		PTG HCG
1345	BB YB LK KK TJ AJ	LR	LO	NP	Y/23				Ø	
1346	KK grooming BB									
1349	LR grooming LO									
1400	BB YB LK KK TJ AJ	LR	LO	NP	Y/23				Ø	
1400	LK made	arm threat to TJ	who	fled Scream						
	ing and	making waars at same	time	KK made						
	Non vocal displays and	buttress bungs	YB	AJ						
	fled Silent	LR made	pant barks							
1403	KK made vocal	displays AJ	YB	BB	LK	fled				
	pant barking	climbing up	trees							
1415	KK BB TJ LK AJ YB	LR	LO	NP	Y/23				Ø	
1418	It started	raining								RN
1423	PB joined the	party and KK	made	non						RD
	vocal displays and	buttress bungs	PB	fled						
	pant barking	climbing up	trees							
1426	TJ LR Climbed in to	FEX tree and	Started							FGR
	feeding on young	leaves KK	made	food	grunts					

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
1400	KK		12Sec					YBAJ		F	Silent				Unknown	G
1403	KK	16Sec						BB LK AJ YB		F	pant bark				Unknown	G
1423	KK		10Sec					PB		F	pant bark				Reunion	G

Copulation

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

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KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS SJ AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1428	KK made vocal displays and buttress bangs									
	PB made pant barks									
1430	YB AJ LK TJ BB KK PB	LR	LO	NP	B/23	✓	FEX	YL	D	
1433	Chimps leaving the feeding				tree and Moving					
	on ground									
1439	It Stoped raining									
1443	PB grooming TJ									
1445	YB BB AJ PB LK KK	LR	LO	NP	B/27				D	
1446	YB and TJ separated from Others We followed									
	them. The rest 1D's moved away at same									
	time TJ YB climbed into CAF tree and feeding									
	on young leaves									
1500	YB TJ				B/27	✓	CAF	YL	D	
1515	YB TJ				"	✓	"	"	D	
1519	Heard distant calls from				east of K14					
	YB and TJ responded with wraps									
1525	TJ made food barks while				feeding on CAF					FBK
	young leaves									

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
1428	KK	8sec						None							Unknown	G

Copulation

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

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KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS SJ AG FOUND N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1530	YB TJ				B/27	✓	CAF	YL	Ø	
1545	YB TJ				"	✓	"	"	Ø	
1600	YB TJ				"	✓	"	"	Ø	
1615	YB TJ				"	✓	"	"	Ø	
1630	YB TJ				"				Ø	
1630	chimps climbed down on ground and mating								mati	
1638	TJ climbed into CAF tree and feeding on young leaves									
1645	YB TJ				F/28				Ø DC	
1656	Chimps started feeding on T					THV				
1700	YB TJ				S/28	✓	THV		Ø	
1714	Other Individuals joined TJ and YB in									
	in THV but no Calls Made									
1715	LK YB PB TJ BB AJ KK	OV WL OT TG	OG TT WC	OL OM TS TD	S/28	✓	THV		Ø	
1730	LK YB PB TJ BB AJ KK	OV WL OT TG	OG TT GV WC	OL OM TS TD	"	✓	"		Ø	
1745	LK YB PB TJ BB AJ KK	OV WL OT TG	OG TT GV WC	OL OM TS TD	"	✓	"		Ø	
1800	LK YB PB TJ BB AJ KK	OV WL OT TG	OG TT GV WC	OL OM TS TD	"	✓	"		Ø	

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

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

Copulation

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

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1633 YB Sniffing on ground

KPC Behavior

DAY 18th MONTH Aug YEAR 09 KPC SM OTHERS SJ KJ AG FOUND N

Time	Party Composition AMM	AFF (Include estrous)	JMM / JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH
1803	Some IDs remained behind and we								
	followed TJ LK PB YB								
1813	LK building a night nest tree = TEC HT = 6M								
	Dbh = 184cm								
1815	LK YB TJ PB			K / JG				Ø	
1816	YB building a night nest tree = DOSP HT = 10m								
	Dbh = 25cm								
1818	PB building a night nest tree = DOSP HT = 9M								
	Dbh = 22cm								
1818	TJ building a night nest tree = CAF HT = 14m								
	Dbh = 32cm								
1826	OBS leaving the nest site.								

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

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

Copulation

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

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