DAY 12 MONTH 10 YEAR 09 OBS-PC SJ TMF/40 Fm AH TW JM HOW FOUND NEST

	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	CL	AN	GRID	MNK	SP	PT
Estrus													4						1	2			1					1						1	1		2												
5:45																																																	
6:00																																																	
6:15																																																	
6:30	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X			M/27	None	—	—
6:45	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					FBR	RF
7:00	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
7:15	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
7:30	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
7:45	X	X	X	X	X	X	X		X		X	X	X	X	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	X							X	X	X	X			X	X	X	X		X		X	X					FBR	UF
8:15	X	X	X	X	X	X	X		X		X	X	X	X	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	X							X	X	X	X			X	X	X	X		X		X	X					—	—
8:45	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					RHH	YL
9:00	X	X	X	X	X	X	X		X		X	X	X	X	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	X							X	X	X	X			X	X	X	X		X		X	X					"	"
9:30	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
9:45	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
10:00	X	X	X	X	X	X	X		X		X	X	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	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	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	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	X	X	X			X	X	X	X		X		X	X					FBR	YL
11:15	X	X	X	X	X	X	X		X		X	X	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	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	X	X	X			X	X	X	X		X		X	X					RHH	YL
12:00	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					—	—
12:15	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					—	—
12:30	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					THV	THV
12:45	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X			M/27	None	"	"
	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	CL	AN				
13:00	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X			M/27	None	THV	THV
13:15	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					FBR	RF
13:30	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
13:45	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
14:00	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					—	—
14:15	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					—	—
14:30	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					—	—
14:45	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					—	—
15:00	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					—	—
15:15	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					FBR	RF
15:30	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
15:45	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					—	—
16:00	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					THV	THV
16:15	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
16:30	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					ARH	RF
16:45	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X			M/27		THV	THV
17:00	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X			D/28	None	"	"
17:15	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X				RDC	—	—
17:30	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					RDC	MEA
17:45	X	X	X	X	X	X	X		X		X	X	X	X	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	X							X	X	X	X			X	X	X	X		X		X	X					"	"
18:15	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
18:30	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
18:45	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X					"	"
19:00	X	X	X	X	X	X	X		X		X	X	X	X	X				X	X	X							X	X	X	X			X	X	X	X		X		X	X			D/28	RDC	"	"
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	CL	AN	GRID	MNK	SP	PT
Health	1	1	1	1	1	1	1		1		1	1	4	1	1				1	1	1							1	1	1	1			1	1	1	1		1		1	1						

COMMENTS 8:28 BL was heard coughing
10:23 BL seen with wound from her right hand wrist

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

BL → ③ BU → ① RD → ② OU → ① LR → ① QT → ① WL → ①
OT → ② AL → ①

KPC Behavior

Day 12 Month 10 Year 09 KPC ST Others FM AG TW JM Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
629	OBS arrive at nest site found them leaving their nests.									
630	MS BB LK AJ YB TU PG PB ST TJ	BL LR RD AT BU AL QT OT WL OU	BO LO AT AZ QV WC OG	NP OL OM AN	S/JG				∅	
636	Someone made non-vocal displays chased PB and he fled screaming									
641	someone chased TJ in a tree and he fled screaming and making waar-barks.									
643	Chumps climbed into FBR for feeding without making any calls.									
645	MS BB LK AJ YB TU PG PB ST TJ	BL LR RD OT AL QT OU WL BU	BO LO OG AZ AT QV WC	NP AN OM OL	S/JG	✓	FBR	RF	∅	
700	MS BB LK AJ TJ TU YB PG PB ST	BL LR RD OT QT OU AL WL BU	BO LO OG AZ AT QV WC	NP OM AN OL	"	✓	"	"	∅	
706	Copulation Male approach TU → BL 6 sec with screams but no dart.									CP
715	MS BB LK AJ TU YB PG ST PB TJ	BL LR RD OT QT OU AL WL BU	BO LO OG AT AZ QV WC	NP OM AN OL	S/JG	✓	FBR	RF	∅	
725	Someone made vocal displays and buttress bungs.									

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

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

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
706	6sec	BL	TU	No	No	No	Yes	TU	

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?)

-Others made waar-barks.

KPC Behavior

Day 12 Month 10 Year 09 KPC SI Others FM AG TW Im Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
727	Copulation male	approach LK →			BL		7 sec			CP
	with no screams	but there's	dart.							
728	LK grooming	MS								
730	MS BB AJ LK TJ TU YB PG PB ST	LR BL OU AL BT WL RD BU OT	AZ AT OG BV WC BO	NP OM AN OL	S/JG	✓	FBR	RF	⊘	
736	chimps	climbed down	from FBR,							
738	LK grooming	PG								
738	BB made non-vocal	displays	ST	around						
	silent	BL fled	pant-barking	climbing	atree					
739	Copulation male	approach BB →			BL		6 sec			CP
	with no	screams	no dart.							
743	Copulation male	approach TU →			BL		6 sec			CP
	silent.									
745	MS BB AJ LK TJ TU YB PG PB ST	LR BL OU AL RA BT WL BU OT	AZ AT OG BV WC BO	EU NP OM AN OL	S/JG				⊘	
746	chimps	climbed into FCP	for feeding				HF			
747	LK chased TJ and he	fled	screaming							

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	Context	Height T or G
735	BB		85sec					BL		F	pant-barking				Unknown	G
747	LK			125sec				TJ		F	scream				sex competition	G

Copulation

Time	Duratio	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 12 Month 10 Year 09 KPC SI Others FM TW AG JM Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
800	MS BB AJ WK TU YB PG PB. JT	AL OU BL RD LR QT WL BU OT	OG BO LO AT AZ QV WC	NP OM AN OL	S/JG	✓	FCP	UF	⊘	
807	MS made non-vocal displays				BB	fled				
	screaming									
815	MS BB AJ WK TU PG PB. YB QT WL OT BU	AL LR OU BL RD AT AZ QV WC	OG BO LO	NP OM AN OL	S/JG	✓	FCP	UF	⊘	
817	Chumps climbed down from FCP.									
818	WK grooming AJ									
818	TU grooming BB.									
824	Handclasp mutual groom WK ⇄ AJ									HCG
825	AJ grooming WK after handclasp.									
825	BB grooming TU.									
825	BL was heard Coughing.									
830	MS BB AJ WK TU PG PB. YB QT WL OT BU	AL LR OU BL RD AT AZ QV WC	OG BO LO	NP OM AN OL	S/JG				⊘	
11	WK grooming AJ									
833	QT approach Pant-bark to AJ and WK and they groom									
834	QT Pant-grunt and Extend a hand to WK he ignored									PTG

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

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G
807	MS		65ec					BB		F	Scream				Unknown	G

Copulation

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

KPC Behavior

Day 12 Month 10 Year 09 KPC ST Others FmTWJm AG Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
837	Distant Calls heard from from East of K-14									
	and the focal IDs didn't respond.									
839	Copulation male approach BB → BL 3sec									CP
	BO interfered by slapping at BB's back then BB									
	made attack ② to BO with slaps and kicks									
	and BO made screams and fled.									
840	Copulation male approach TU → BL 4sec									CP
	with dart no screams									
845	MS BB AJ LK TJ TU YB PG PB	AL OU BL QT WL BU OT	BO OG AT AZ QV WC	... NP OM AN OL	S/KTO	✓	CHT CAF	YL YL	∅	
900	MS BB AJ LK TU YB PG PB	AL OU BL QT WL BU OT	BO OG AT AZ QV WC	NP OM AN OL	S/KTO	✓	CHT	YL	∅	
915	MS BB AJ LK TJ TU YB PG PB	AL OU BL QT WL BU OT	BO OG AT AZ QV WC	NP OM AN OL	"	✓	CHT	YL	∅	
924	PB approach BL for Copulation, then males									
	made Waar. barks AJ chased PB and he									
	fled screaming									

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	Context	Height T or G
924	AJ			8sec				PB		F	Scream				Sex Competition	g.

Copulation

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

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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?)

840 RD LR ⓛ separated from the party.

KPC Behavior

Day 12 Month 10 Year 09 KPC ST Others FM TW AG Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
930	MS BB AJ LK TU PG PB IT ST	AL OU BL BT WL BU OT	OG BO AT AZ QV WC	NP OM AN OL	S/K40	✓	CHT	YL	∅	
936	Tu grooming ST									
938	Handclasp Mutual groom TU ⟷ ST									Hcg
939	TU grooming ST after handclasp									
940	Handclasp Mutual groom ST ⟷ TU									Hcg
940	TU groom ST after handclasp									
941	Mutual grooming ST ⟷ TU									
945	MS BB AJ LK TU PG PB ST IT	AL OU BL BT WL BU OT	OG BO AT AZ QV WC	NP OM AN OL	S/K40	✓	CHT	YL BK	∅	
951	Chase groom TU → LK → ST									
954	Handclasp Mutual groom BB ⟷ TU									Hcg
955	BB grooming TU after handclasp									
957	LK grooming PG									
1000	MS BB AJ LK TU PG ST PB IT	AL OU BL BT WL BU OT	OG BO AT AZ QV WC	NP OM AN	S/K40	✓	CHT	YL BK	∅	
1001	TU grooming LK									
1004	TU grooming PG.									

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

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

Copulation

Time	Duratio	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 12 Month 10 Year 09 KPC SJ Others FmTW AG Found NEST

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1005	Handclasp Mutual groom			Pg ⇄	LK					Hcg
1006	MS grooming ST									
1009	TU grooming AJ									
1010	Handclasp Mutual groom			BB ⇄	ST					Hcg
1011	AJ approach PB and			PB Pant-grunted and						PTG
	groomed AJ									
1015	MS BB AJ LK ST TU Pg TJ YB PB	AL OU BL BT BY WL OT	OJ BO AT AZ QV WC	NP OM AN DL	S/KTO	V	CHT	YL	✓	
1016	Copulation male approach			LK →	BL 5sec					CP
	with no screams but thrusts ~~dont~~									
1017	LK groom Pg									
1023	BL seen with an old wound groomed her Right									
	hand wrist									
1024	TU grooming MS									
1026	LK grooming MS									
1028	LK grooming AJ									

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

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

Copulation

Time	Duratio	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 BEHAVIOUR

DAY: 12 MONTH: 10 YEAR: 09 KPC: ST OTHERS: FM TW AG FOUND: NEST

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1030	MS BB AJ LK ST TJ TU PG YB PB	AL OU BL BU QT WL OT	09 BO AT AZ QV WC	NP OM AN OL	S/KTO				∅	
1033	TU made non-vocal displays AJ and LK avoided casual silent, TU continued making displays chased BL and she fled screaming at the sametime MS made non-vocal displays chased YB and he fled screaming									
1035	Copulation: male approach 7 sec TU ↓→ BL with screams and dart									
1037	Handclasp mutual groom LK ⇄ BB									Hcg
1038	LK grooming AJ after handclasp									
1041	AJ grooming TU.									
1041	TJ grooming YB.									
1045	MS BB AJ LK ST TJ TU PG YB PB	AL OU BL BU QT WL OT	09 BO AT AZ QV WC	NP OM AN OL	S/KTO				∅	
"	BB grooming MS									
1053	someone was chased in a poor view and he fled screaming and others made pant barks									
1055	Chimps moved into THV for feeding and others									Fed FEX
1100	MS BB AJ LK ST TJ TU PG YB PB	AL OU BL BU QT WL OT	09 BO AT AZ QV WC	NP OM AN OL	S/KTO	✓	THV FEX	THV YL	∅	

Aggression/Received aggression

Time	Aggr. ID	VD	NvD	CHA	Attack 1	Attack 2	Attack 3	Vic ID	Response of victim No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G
1033	TU			6sec				BL		F		✓			unknown	9

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 Behavior

Day 12 Month 10 Year 09 KPC ST Others FM TW AG Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1102	Wh made screams and arm wave to BL the									
	LK BB intervened made non-vocal displays									
	and got in between them.									
1103	Copulation female approach BL → LK 6sec									CP
	With no screams but there's dart.									
1107	WL made pant-bark chased OG and he fled screaming									
1109	BL grooming BO.									
1115	MS BB AJ LK ST OU AL BL TU PB BB. TT BT WL BU OT		BO OG AT AZ BW WL	NP OM AN OL	S/LK 10	✓	PEX	YL	✓	
1116	TU grooming BB									
1117	LK grooming MS									
1120	chimps climbed down from PEX									
1121	Chain grooming	QT → BB → ST								
1123	QT and BB both grooming ST									
1127	Chain groom	MS → TU → AJ								
1128	Copulation male approach TU → BL 8sec with									CP

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	Context	Height T or G
1102	LK		8sec					None							protection	G

Copulation

Time	Duratio	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?)

Screams but no dart-

KPC Behavior

Day 12 Month 10 Year 09 KPC ST Others AM TW AG Found NEST

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1130	MS BB ST TU AJ YB LW PG PB TJ	AL OU BL BT WL BU OT	BO OG AT AZ BW WC	NP OM AN OL	S/KTO	✓	FF	YL	✓	
1139	TU Playing with	AZ by	tackling and bite each other							AP
1141	TU grooming ST									
1142	BU grooming OT									
1143	BL grooming BU.									
1144	Copulation male approach BB →			BL close						CP
	with dart no scream.									
1145	MS BB ST AJ TU YB LW PG PB TJ	AL OU BL BT WL BU OT	BO OG AT AZ BW WC	NP OM AN OL	S/KTO	✓	CHT	YL	✓	
"	TU Made arm threat to OG and OG fled screaming									
	and approach PB and PB touch OG and he stopped									
	screaming									
1153	TU grooming BB.									
1155	BB grooming TU.									
1157	Copulation male approach ST →			BL close there						CP
	no dart no scream but BO interfered by screaming									

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	Context	Height T or G

Copulation

Time	Duratio	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?)

and getting close to ST, Who later pushed BO away.

KPC Behavior

Day 12 Month 10 Year 09 KPC SI Others FM TN AG Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1200	MS BB AJ LK TU ST YB PB PB IT	AL OU BL BT WL BU OT	OG BO AZ BV WC AT	NP OM AN OL	S/IG TO				∅	
1201	Copulation	male approach	MS → BL	7 sec	with					CP
	screams	but no dart.								
1203	TU playing with	AZ by tickling	and bite	-						AP
	each other,									
1209	Chaw	groom	LK →	TU →	AJ					
1210	PB made non-vocal displays	and	groomed							
	slapping	chased	BU who	fled	screaming.					
1212	OT grooming	OM								
"	AJ and	LK both	grooming	TU.						
1215	MS BB AJ LK PB TU ST YB TU PG	AL OU BL BT WL BU OT	OG BO AZ BV WC AT	NP AN OM OL	S/IG				∅	
1217	Chimps	moved	into	THV	for feeding					
1225	Someone	was chased	within	THV	and he	fled				
	screaming	and	others made	Pant-	barks					
1227	LK made	non-	vocal displays,	some	others	did not	respond			

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	Context	Height T or G
1210	PB		85ec	45ec				BU		F	screaming				unknown	G
1227	LK		65ec					None							unknown	G.

Copulation

Time	Duratio	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 12 Month 10 Year 09 KPC ST Others FMTWAG Found MEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1229	BB feeding on TRI YL.									
1230	MS BB AJ ST TU PB LK PG YB. TJ	AL BL OU QT WL BU OT	AT AZ BO OG QV WC	NP OM AN OL	28 EX / J9	✓	THV	THV	⊘	
"	TU made non-vocal displays chased BU and he fled Pant-barking									
1234	Copulation male approach AT → BL 3sec									CP
	BO interfered by slapping AT, then AT made waar-bark and arm threat towards BO									
1234	BB made non-vocal displays chased TU and he fled screaming and waar-barking, PB fled Pant barking									
1245	MS BB AJ ST TU PB LK PG YB. TJ	AL BL OU QT WL BU OT	AT AZ BO OG QV WC	NP OM AN OL	28 EX / J9	✓	THV	THV	⊘	
1300	MS BB AJ ST TU PB LK PG YB. TJ	AL BL OU QT WL BU OT	AT AZ BO OG QV WC	NF OM AN OL	"	✓	"	"	⊘	
1305	TU made non-vocal displays chased PB and he fled screaming climbing a tree, And at the sametime LK made non-vocal displays chased BL and she fled Pant Barking									

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	Context	Height T or G
1230	TU		3sec	2sec				BO		F	Pant-bark				unknown	g
1234	BB		8sec	3sec				TU		F	scream				sex competition	g
1305	TU		10sec	4sec				PB		F	scream				sex competition	g
1305	LK		8sec	3sec				BL		F	pant-bark				unknown	g

Copulation

Time	Duratio	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 BEHAVIOUR

DAY: 12 MONTH: 10 YEAR: 09 KPC: ST OTHERS: FMTW AC FOUND: NEST

Time	Party Composition: AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1306	Clumps climbed into FBR making food barks									FBK
1314	KK Joined the party, he made non-vocal									
	displays and buttress bungs, ground slapping									
	and others made pant-barks and pant-hoots									
1315	KK BB MS AJ TU ST LK YB PG TJ	AL OU BL QT WL BU OT	AZ AT BO OG QT WC	NP OM AN OL	28 EXT J9	✓	FBR	RF	∅	
1323	Copulation female approach 7 sec BL → PG with									CP
	no screams no dart but there's interferance other									
	males made waars.									
1327	TU climbed down from the feeding tree									
1330	KK MS BB AJ ST TJ TU YB LK PG PB	AL OU BL QT WL BU OT	AZ AT BO OG QV WC	NP OM AN OL	28 EXT J9	✓	FBR	RF	∅	
"	KK made non-vocal displays chased TJ and									
	he fled screaming leaving the feeding tree, KK continued									
	making NVD and buttress bungs.									
1331	Cham groom TU → KK → BB									
1336	KK made non-vocal displays LK and ST									
	avoid casual silent									
1338	BO was heard sneezing									
1345	KK MS BB AJ TU PB ST LK PG YB TT	AL OU BL QT WL BU OT	AZ AT BO OG QV WC	NP OM AN OL	28 EXT J9	✓	FBR	RF	∅	
1356	AL grooming AZ									

Aggression/Received aggression

Time	Aggr. ID	VD	NvD	CHA	Attack 1	2	3	Vic ID	Response of victim No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G
1330	KK		8sec	12sec				TJ		F		✓			Unknown	9
1336	KK		6sec					None							Unknown	9

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 Behavior

Day 12 Month 10 Year 09 KPC ST Others FMTW AG Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1356	some IDs left the feeding tree									
1400	KK LK MS BB AJ TJ TU ST YB PG PB	AL OU BL QT WL OT BU	AT AZ BO QV WC OG	NP OM AN OL	28EA J9				Ø	
"	OL was heard sneezing									
1400	chain groom		TJ → AL → AZ							
1404	OU grooming OT									
1413	OT grooming OU.									
1415	MS KK BB AJ TU ST LK YB PG PB TJ	AL OU BL QT WL BU OT	AT AZ BO OG QV WC	NP OM AN OL	28EA T9				Ø	
1416	OU grooming OT									
1420	AJ made attack ① to AT with a slap, AS AT									
	was moving towards BL and AT fled screaming									
1421	AT grooming AJ									
1422	AJ grooming BL									
1423	AZ grooming AL									
1427	OU grooming OG.									
1430	KK LK MS AJ PG PB TJ BB ST TU YB	AL OU BL QT WL OT BU	AT AZ BO QV WC OG	NP AN OM OL	28EA T9				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	Context	Height T or G
1420	AJ				✓			AT		F	Scream				Sex Competition	g

Copulation

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

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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 12 Month 10 Year 09 KPC ST Others FMTW AG Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1445	MS KK AJ TU ST LK PG PB TJ YB	AL BL OU QT WL BU OT	AT AZ OG BO QV WC	NP OM AN OL	28 EX / JG				∅	
1456	QT grooming KK									
1500	KK LK MS BB YB PB TJ AJ ST TU PG	AL OU BL QT WL BU OT	AT AZ OG BO QV WC	NP OM AN OL	28 EX / JG				∅	
1501	AJ grooming LK									
1503	some IDS climb back into FBR for feeding									
1512	TU grooming ST									
1515	KK LK MS BB YB PB TJ AJ ST TU PG	AL OU BL QT WL BU OT	AT AZ OG BO QV WC	NP OM AN OL	28 EX / JG	✓	FBR	RF	∅	
1525	QT grooming PG									
1525	ST grooming TU.									
1530	KK LK MS BB YB PB TJ AJ ST TU PG	AL OU BL QT WL BU OT	AT AZ OG BO QV WC	NP OM AN OL	28 EX / JG	✓	FBR	RF	∅	
1531	chimps climbed down from FBR									
1535	TU grooming AL									
1536	some IDS feeding in THU									
1538	KK grooming BB									
1545	LK KK MS BB YB PB TJ AJ ST TU PG	AL OU BL QT WL BU OT	AT AZ OG BO QV WC	NP OM AN OL	28 EX / JG				∅	

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

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

Copulation

Time	Duratio	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 12 Month 10 Year 09 KPC SI Others TW AG Found NEST

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1546	Copulation male approach & see				TH → BL					CP
	W/h no screams and no dart.									
1550	PG made non-vocal displays and others									
	didn't respond.									
1552	BB grooming KK									
1556	LK made non-vocal displays				AT	AL	fled			
	Pant-barking climbing tree									
1559	MS feeding on Brown soil from a fallen tree									SOIL
1600	MS BB KK AT YB TJ PB LK ST TH PG	AL OU BL RT WL BU OT	AT AZ BO NP OG QV WC OM OL AH		K/JG	✓	THV	THV	∅	
1604	TH feeding on brown soil from a fallen tree									SOIL
1606	Distant calls heard from East of K/TG area									
	the focal IDs didn't respond.									
1615	MS BB KK AT LK ST TH PG	AL OU BL RT WL BU OT	AT AZ BO OG QV WC		JG/BFP	✓	THV	THV	∅	
1621	TH climbed into APH for feeding				RF					
1628	KK made non Vocal displays				LK	joined	him,	the	—	

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	Context	Height T or G
1550	PG		55sec					None							Unknown	G
1556	LK		45sec					ATAL		F	Pant-barking				Unknown	G
1628	KK BB		45sec					BU BL OU		F	pant-barking				Unknown	G

Copulation

Time	Duratio	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?)

BU, BL OU fled pant-barking climbing trees.

KPC Behavior

Day 12 Month 10 Year 09 KPC SJ Others TW AG Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1630	MS KK BB TU ST PB TJ AJ LK PG YB	AL OU BL BU OT BL WL	AT QU AZ WC BO OG	NP OL OM AN	BFP JG	✓	APH	LF	∅	
1635	AJ arm threatened PB, he made screams									
	but didnt avoid									
1643	ST grooming BB									
1645	KK LK MS BB PG PB TJ AJ ST TU YB	AL OU BL BU OT	AT AZ BO OG	NP OL OM AN	BFP JG	✓	THV	THV	∅	
"	KK made vocal displays, LK homed him with									
	Vocal displays OT flew silently climbing a tree.									
1700	KK LK MS BB PG PB TJ AJ ST TU YB	AL OU BL BU OT	AT AZ BO OG	NP OL OM AN	KPP NFP	✓	THV	THV	∅	
1702	Someone chased TJ in THV and he yled									
	Screaming and wrar-barking									
1710	TU feeding FUR ut.									
1711	AJ made soft screams bite KK on back and									
	groomed him									
1712	MS made non, vocal dis									
1713	Chimps Made hunt barks on seeing RBCs									

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

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

Copulation

Time	Duratio	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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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?)

1640 QT WL separated

KPC Behavior

Day 12 Month 10 Year 09 KPC SJ Others TW AL Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1714	BU OT OM OG	climbed up into trees								
	where there were RDC's									
1715	KK HK MS BB PG PB TJ AJ SJ TW YB	AL OU BL	AT AZ	NP OL	KRD NFP				RDC	
		BU OT	BO OG	OM AN						
1716	AJ KK	OU and	AL also	climbed up. AJ						
	entered	into a tree	where there	were many						
	RDC's	and they	all fled	climbing other						
	smaller trees.									
1718	BB was seen	having a	Juvenile	RDC						
1721	BB tored a	stomach	removing	the intestines						
1722	KK made	non-Vocal	displays	towards BB						
	MS TW SJ and	they made	waars	chased KK						
	he fled	screaming	climbing a	tree.						
1724	BB climbed	up into a	tree followed	by MS and						
	AJ as they	begged meat	from him.							
1726	BB feeding	on the	intestines	with AFR	leaves					

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	Context	Height T or G
1722	KK		12Sec					BB MS SJ TW					✓		meat Competition	G

Copulation

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

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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 12 Month 10 Year 09 KPC SJ Others FM AG TW JM Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1718	QT QV WL WC joined the party making hunt-barks.									
1729	it started rainning									
1730	MS KK BB TU ST PB TJ AT LK PG YB	AL OU BL BU OT QT WL	AT AZ QV WC BO OG	NP OL OM AN	KRD NFP	✓	RDC	MEAT	RDC	
1736	KK and LK made soft screams KK extended a hand to LK and he made soft bite on KK's hand. then BB MS AJ TU made waar-barks while they were seated by BB who had an RDC meat.									
1741	Bo approach begging meat from BB while he was making screams but BB ignored then AJ chased Bo and he fled screaming.									
1745	MS KK BB TU ST PB TJ AJ LK PG YB	AL OU BL BU OT QT WL	AT AZ QV WC BO OG	NP OL OM AN	KRD NFP	✓	RDC	MEAT	RDC	
1756	it stopped rainning									
"	MS approach pant-grunt and extend a hand touching KK's foot.									
1759	YB approach BB MS AJ then MS extend a hand									

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	Context	Height T or G
1741	AT			8sec				Bo		F	Scream				meat competition	g

Copulation

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

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AP: Adult play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **ELE**: Elephants; **FBK**: Food Bark; **HCG**: Hand-clasp groom; **HNY**: Honey
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to YB and YB extend his and they shook.

KPC Behavior

Day 12 Month 10 Year 09 KPC ST Others Em AL TU JM Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1800	MS KK BB TU ST PB TJ AJ LK PG YB	AL OU BL BU OT QT WL	AT QV AZ WC BO OG	NP OL DM AN	KRD NFP	✓	RDC	MEG	RDC	
1802	TU made Vocal displays and made joint attack ① to OU with MS by kicking her she made screams but didn't avoid.									
1804	AJ made attack ① to TU with kicks and TU made screams retaliated chased AJ he fled screaming climbing a tree. at the same time KK made screams approach mount MS then also TU approach screaming touching KK's testacles and KK also touching on TU's hand.									
1814	KK made non-Vocal displays towards BB MS TU AJ, then TU AJ MS made joint Vocal displays chased KK and he fled screaming.									
1815	MS KK BB TU ST PG TJ AJ LK PG YB	AL OU BL BU OT QT WL	AT QV AZ WC BO OG	NP OL DM AN	KRD NFP	✓	RDC	MEG	RDC	
1816	KK Made Vocal displays and approach Mount PG									

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	Context	Height T or G
1802	TU MS	8Sec			✓			OU		NA	Screams				Unknown	G
1804	AJ				✓			TU		No	Scream		✓		neat Competi	G
1814	KK		8Sec					BB MS TU					✓		neat Competi	G
1816	KK	45ec						Non							Unknown	G

Copulation

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

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AP: Adult play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **ELE**: Elephants; **FBK**: Food Bark; **HCG**: Hand-clasp groom; **HNY**: Honey
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KPC Behavior

Day 12 Month 10 Year 09 KPC SJ Others FmAhTW Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1818	AJ Shares the meat with MS									
1830	MS KK BB TU ST PB TJ AJ LK PG YB	AL OU BL BU OT RT WL	AT RV BO AZ WC OG	NP OL OM AN	KRD NFP	✓	RDC	Meat	✓	
"	PG picked small pieces of meat and ate it with ACL LL.									
1832	BB made non-vocal displays and made attack ① to BL with a kick she screamed but didnt avoid.									
1833	BL gets a big piece of meat from AJ.									
1834	KK Picked small pieces of meat and ate them.									
1839	BO approach BL and made screams while begging meat, from her, then BL made attack ① to BO with a slap and BO screamed but didnt avoid.									
1845	MS KK BB TU ST PB TJ AJ LK PG YB	AL OU BL BU OT RT WL	AT RV BO AZ WC OG	NP OL OM AN	KRD NFP	✓	RDC	MEAT	✓	

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	Context	Height T or G
1832	BB		55sec		✓			BL		No	Scream				Unknown	G

Copulation

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

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1904 OBS Abandoned Chimps before nesting.

KPC Behavior

Day 12 Month 10 Year 09 KPC ST Others Fm AG TW Found NEST

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1900	MS KL BB TU ST PS TJ AJ LR PG YB	AL OU BL BU OT RT WL	AJ AZ QV WC BO OG	NP OL OM AN	NFP KRD	✓	RD	MEAT	RD	
1904	OBS abandon chimps before nesting And then									
	Was the Presence of Elephants:									

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	Context	Height T or G

Copulation

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

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