DAY 16th MONTH Oct YEAR 09 OBS-PC SM TMF/40 AG TW 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	OL	GRID	MNK	SP	PT
													31			1			12														2		1		1		12									
5:45																																															
6:00																																															
6:15																																															
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	X		X	X	X			O/29	None	MMS	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	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						
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						
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						
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					✓	✓
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					MMS	RF
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					—	—
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					MMS	RF
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					CHT	YL
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					CAF	YL
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					"	"
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					—	—
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					—	—
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			✓		MMS	RF
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			O/29		THV	THV
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			O/28		"	"
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					CAF	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					THV	THV
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					"	"
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					"	"
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					—	—
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					FBR	RF
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			✓		"	"
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			O/28	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	OL				
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			O/28	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						
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			O/29		THV	THV
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			N/28		PHY	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					FBR	RF
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					THV	THV
16:15	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					CAF	YL
16:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X															X										X	X	X			✓		"	"
17:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X															X										X	X	X			N/28		PTE	YL
17:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X															X										X	X	X			N/30		THV	THV
17:30	X	X	X	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										X	X	X			"		"	"
18:00																													X										X	X	X			M/30			
18:15																													X										X	X	X						
18:30																													X										X	X	X						
18:45																													X										X	X	X			M/30	None	THV	THV
19:00																																															
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	OL	GRID	MNK	SP	PT
Health	1	1	1	1	1	1	1	1	1	1	1	1	4	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1				

COMMENTS AJ has awound on Ankle of his left foot and BL has awound on wrist of her right hand, BO was heard sneezing

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 NO monkey's encountered. WE was seen her left eye Swollen.

BL (3) BU (1) OT (2) ML (2) QT (1) WL (1) WA (2) MU (1) OU (1)

KPC Behavior

Day 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
640	OBs arrived at the nest Site				found			some		
	ID's had already unnested but still around									
	at KTM/Krd									
644	some Individuals climbed into MMs tree									
	and started feeding on ripe fruits Silent									
648	KK TU BB EG SS PB TS PJ LK MJ JB ST	BL WA BU WL OU BT ML	OG WE BO BU AT MX MN	WE EU NP OL OM	KTM Krd	✓	MMs	RF	Ø	
656	PB Moved towards BL for Copulation						LK	KK		
	Made yaar barks against PB then						KK	chased		
	PB and BL both fled screaming									
700	KK TU BB ST PB EG SS MJ JB TS PJ LK	BL BU WA WL OU BT ML GR MX	OG WE BO BU AT MX MN	WE EU NP OL OM	KTM Krd	✓	MMs	RF	Ø	
710	Some IDs left the party and moved away									
715	MS KK LK PJ PB TS TU PP EG SS JB BB	BL WA ML BU	BO AT	WE EU	KTM Krd	✓	MMs	RF	Ø	
721	LK grooming AJ									
724	AJ grooming LK									
727	LK grooming AJ									

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
656	KK			kissed				PB		F	scream				sexual competition	T

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?)

653 WA (WE) leaving Amright nest

KPC Behavior

Day 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
730	YB MS PAT BB ET PAT LK BP PB	BL WA ML BU	BO AT	WE EL	KTM Krd	✓	MMS	RF	0	
731	PG KK AJ leaving the feeding				come on groom					
	hd and rest									
736	KK grooming BB									
737	ST grooming TW									
739	Hand clasp mutual groom				TW ↔ KK					Hcg
740	TW groomed KK after hand clasp									
744	BB Mounting AJ who made Soft Screams									
746	YB ST BB PAT TW MS KK BP LK YB PB	BL WA ML BU	AT BO	EL WE	KTM Krd	✓	MMS	RF	0	
757	LK and KK both grooming ST									
800	LK MS TW PB BP PB TW BB ET KK	BL WA ML BU	BO AT	EL WE	KTM Krd	✓	MMS	RF	0	
809	Hand clasp Mutual groom				ST ↔ BB					Hcg
810	LK grooming YB									
813	YB grooming LK									
813	Hand clasp Mutual groom				LK ↔ YB					Hcg

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
744	75sec	BL	ST	NO	NO	NO	NO	ST	
749	6sec	BL	MS	NO	NO	NO	NO	MS	
759	8sec	BL	LK	NO	YES	NO	NO	LK	LK groomed BL
810	45sec	BL	TW	NO	NO	NO	NO	TW	

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 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
814	YB groomed LK after hand clasp									
815	KK TW PG MS LK ESP BB BL KS	BL WA BL ML	BO AT	WE EL	KIM Krd	✓	MMS CHI	RF YL	8	
818	KK grooming BB and			LK grooming PG						
816	BL has awound on wrist of her right hand									
819	chain groom MS → KK → BB									
820	Hand clasp Mutual groom				MS ↔		KK			HCG
821	AJ Made NVD and LK, KK joined him Making NVD									
		MS fled Silent and BL fled Screaming						Climbed a tree		
	and KK chased PG who fled Screaming									
824	LK grooming KK									
828	TU grooming LK									
829	Hand clasp Mutual groom				TU ↔		LK			HCG
830	KK ESP LK TW PG MS SPO BB	BL WA BL MK	BO AT	EL WE	KIM Krd				8	
830	LK grooming TU after hand clasp									
837	TU grooming LK	and KK grooming			YB					

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
821	AJ		8sec					BL		F	Scream				Sexual competition	G
821	KKKK		6sec					MS		F	Silent				" "	G
821	KK			35ec				PG		F	Scream				" "	G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
820	55ec	BL	MS	NO	NO	NO	NO	MS	
823	6sec	BL	AJ	NO	yes	NO	NO	AJ	AJ groomed BL

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 16th Month Oct Year 09 KPC SM Others AGTW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
838	LK grooming PG									
840	TU grooming LK									
843	YB grooming AJ									
845	MS BB SY PB PK ST BE AK YS TS	BL WA RM ML	AT BD	WE EM	KTM Krd	V	MMS	RF	B	
846	YB Made soft Screams extending hand to									
	PG they shake hands then				PG		Made soft			
	bites on YB hand									
900	MS BB ST LK EJ TS PB PG TU	BL RM WA	AT BD	WE EM	KTM Krd	V	CHI	YL	B	
901	AT grooming PG									
905	BD was heard SNeezing									
906	LK made VD		BL fled Silent							
	after others		made pant barks							
907	LK KK made		joint VD TU ST				Made Scream			
	S mounting each other then					KK	LK groom			
	ed AJ									

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
906	LK	5sec						BL		F	Silent				Unknown	J
907	LK KK	8sec						None							" "	J

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
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905 Chimps all climbed down and moving

KPC Behavior

Day 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
908	LK KK and AJ		Made	joint	VD		and	AJ		
	Made	attack	(1) to	both BL	and	BD				
	Loith	kicks	they	fled	screaming					
915	KK LK PA BB BD YB FJ MS BB ES	ML WA BL	BD AT	EL WE	KTM Krd	V	CAF CHT	YL JL	Ø	
922	BL grooming BD									
927	MS grooming AJ									
928	BD grooming BL									
929	LK grooming AJ									
930	KK MS AJ BB ST ES BB PE BL KG	ML WA BL	BD AT	EL WE	KTM Krd	V	CAF	YL	Ø	
931	AJ grooming									
936	BB chased BL	who fled	screaming	Others						
	Made	Waars								
937	LK KK	made	joint	VD	Others	didn't				
	respond									
938	Chimps	feeding	on THY							

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
908	LKKKAT	12sec			✓			BL BD		F	Scream				Unknown	G
936	BB			3sec				BL		F	Scream				Sexual Competition	T
937	LKKK	8sec						None							Unknown	G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
936	75ec	BL	BB	NO	NO	NO	NO	BB	

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 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
942	As LK	Moved following	BL at	Same time						
	KK AJ BB made	Waar barks and	Joint							
	VS both made	joint chase	LK who	fled						
	Screaming and	BL fled screaming	climb							
	a tree and	PG also fled	screams and	MS						
	made	attack (1) to	YB who	fled screaming						
	Others	made	waars							
944	AJ chased	PG who	fled	screaming and						
	BL also	fled	Screaming							
945	KK MS ET LK AJ BL EB BB PG PB TS	BL BL WG BL ML	BD AT	WEED	Kim Trd					D
945	LK made	NVD	no	one	responded					
946	AJ chased	PB who	fled	Screaming and						
	KK made	VS								
947	LK made	attack (1) to	BL who	Screamed	but					
	not avoid	them LK and	AJ made	joint	VS					
	MS fled	Screaming approaching	TU who							
	mounted	MS and	petting	on	him.	again	MS			

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
942	KK AJ BB	10sec		20sec				LK BL PG		F	Scream				Sexual competition	J
942	MS				✓			YB		F	Scream				Unknown	J
944	AJ			45ec				PG BL		F	Scream				" "	T
945	LK		45ec					None							" "	J
946	AJ			6sec				PB		F	Scream				" "	T

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
944	8sec	BL	PG	NO	NO	NO	NO	PG	
950	6sec	BL	LK	NO	NO	NO	NO	LK	

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?)

947 Continued Screaming BB Mounted him TU AJ. also made Screams

KPC Behavior

Day 16th Month Oct Year 09 KPC 09 Others AGTW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
950	MS approachy LK and KK they mounted	Maice soft screams to - him again MS - touch								
	on their testacles and	make soft bites on								
	their hands.									
1000	KK TU EBB PB BB JY MS LK PAT	BL WA ML BU	BO AT	EL WE	KTM Krd				Ø	
1010	Some ID's climbed into MMS tree and									
	started feeding									
1015	KK LK TU TS MS PB EB PAT BB JY	BL WA ML BU	BO AT	WE EL	KTM Krd	✓	MMS	RF	Ø	
1027	14 Chased BO	who fled screaming								
1030	KK TU TS MS PB EB BB JY	BL WA ML BU	BO AT	EL WE	KTM Krd	✓	THV	THV	Ø	
1031	A faight broke	in a poor view	While	LK						
	making NVD	up in a tree	BB MS TU							
	both screaming and mounting each other									
	When KK make attack ② to BB with									
	Kicks and slaps. he screamed and retaliate									
	While screaming and Roar barking chasing									
	KK who fled silent	Others made weaks								

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
1027	TU			6sec				BO		F	Scream				Unknown	T
1031	LK		16sec					NOne							Unknown	T
1031	KK					✓		BB	✓		Scream		✓		Unknown	J

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
1002	5sec	BL	KK	NO	NO	NO	NO	KK	
1027	8sec	BL	BB	NO	NO	NO	NO		

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 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1045	KK ES BB BB YB AJ MS PB LK KS TU	BL MK BU WA	BO AT	WE EU	KTM Krd	✓	THV	THV	⊘	
1100	KK ES BB BB YB AJ MS PB LK KS TU	BL ML BU WA	BO AT	EU WE	11	✓	CAF THV	YL THV	⊘	
1110	BL grooming BO									
1115	KK ES BB BB YB AJ MS PB LK KS TU	BL WA ML BU	BO AT	EU WE	KTM Krd	✓	THV	THV	⊘	
1119	BO grooming BL									
1129	LK grooming KK									
1130	KK ES BB BB YB AJ MS PB LK KS TU	BL WA ML BU	BO AT	EU WE	KTM Krd	✓	THV	THV	⊘	
1131	Chain groom AJ → LK → KK									
1141	TU groomed LK									
1142	BO grooming BL									
1143	ST grooming BB									
1145	Mutual groom		TU ↔ LK							
1145	KK ES MS AJ PB ST LK PB BB YB KS	BL WA ML BU	BO AT	EU WE	KTM Krd	✓	THV	THV	⊘	
1146	Hand clasp	Mutual groom	TU ↔ LK							HCG
1147	TU groomed LK 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						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
1055	7sec	BL	LK	NO	NO	NO	NO	LK	
1131	4sec	BL	TU	NO	NO	NO	NO	TU	
1134	6sec	BL	AJ	NO	yes	NO	NO	AJ	AJ groomed BL

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?)

RD (1)

KPC Behavior

Day 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1148	LK groomed TU									
1148	Chain groom LK → TU → KK									
1150	TU grooming LK and BL grooming BO									
1151	LK grooming TU									
1153	LK and KK both grooming TU									
1155	Hand clasp mutual groom LK ↔ AJ									HCg
1156	LK groomed AJ									
1200	KK TU MN ES LK PE BO BL WA MN BL		BO PAT	EL WE	KTM Krd				Ø	
1206	Chimps joined Other Individuals in FBR									
	free all they made pant hoots									
1208	Some one was chased in a feeding									
	free who fled screaming others made									
	waars at sametime ES made NVD towa									
	rds TU who fled screaming									
1211	Some one Chased QT who 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
1208	ES		45dc					TU		F	Scream				Unknown	T

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
1212	2sec	BL	LK	YES	NO	NO	NO	LK	KK interfered LK

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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 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1212	During cop. of LK with BL then				KK		Interfered			
	by making attack (D) to LK with						a kick			
	he fled screaming and BL fled						silent		KK	
	Continued displaying making NVD						AJ ST fled			
	Screaming									
1215	KK ST ST PG MS BB LF PB BB	OU OA BL WR BU WR BU OT ML	OG BW WC AT BO	EU WE OL OM NP	KTM KRT	✓	FBR	RF	D	
1230	KK ST ST PG MS BB LF PB BB	OU OA BL WR BU WR BU OT ML	OG BW WC AT BO	EU WE OL OM NP	〃	✓	〃	〃	D	
1230	AJ chasing WL	who fled screaming								
1231	Some Individuals leaving and started feeding on THV									
1242	OG grooming LK									
1245	KK AJ ST TU PG MS BB LF PB BB	OU OA BL WR BU WR BU OT ML	OG BW WC AT BO	EU WE OL OM NP	KTM KRT	✓	FBR THV	RF THV	D	
1251	KK made NVD and slapping the ground									
	BL fled silent									
1255	Chimps climbed down on ground and									
	Moving while feeding on THV									

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
1212	KK		10sec		✓			LKBL		F	Scream				Sexual competition	T
1230	AJ			35sec				WL		F	Scream				Unknown	T
1251	KK		6sec					BL		F	Silent				〃 〃	G

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
1250	8sec	BL	KK	NO	NO	NO	NO	KK	
1251	6sec	BL	MS	NO	NO	NO	NO	MS	

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KPC Behavior

Day 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1259	QT and WL chasing MH who fled screaming									
	up in different trees			ES intervened, made	NVD		WL			
	fled screaming									
1300	AJ LK ES PG SB BB MS KK TH PB ST TU	BL BU WG BT WL BU OT RD ML	OG WE BO BW AT	EU WE OL DM NP	Kim Krd	✓	THV	THV	Ø	
1315	AJ TH MS PG TH BB KK ST ES BB PB YB	BL RD ML BU WL GR OT BU WA	OG WE BO BW AT	EU WE OL DM NP	"	✓	"	"	Ø	
1330	LK MS BB PB YB LK ST PG TH TU ES	BL RD ML BU WL GR OT BU WA	OG WE BO BW AT	EU WE OL DM NP	"	✓	"	"	Ø	
1335	Some one chased RD in apoor view she fled									
	Screaming									
1345	LK BB ES TH PG MS ST AP PB YB	BL BU WG BT WL BU OT WA RD ML	OG WE BO BW AT	EU WE OL DM NP	KIM Krd	✓	THV	THV	Ø	
1355	LK grooming PG									
1359	Hand clasp Mutual groom				PG ⇐⇒ LK					Heg
1400	Mutual	groom	after hand clasp		LK ⇐⇒ PG					
1400	KK BB MS SA PG ES YB KP GT TH TU	BL BU WG BT OT WL RD ML	OG WE BO BW AT	EU WE OL DM NP	KIM Krd	✓	THV	THV	Ø	
1402	LK grooming PG									
1406	A fight broke in screaming and MS mounted		apoor view AJ and ST fled		KK Others made noises					

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
1259	GT WL			10sec				MH		F	Scream				Unknown	T

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
1344	6sec	BL	LK	NO	yes	NO	NO	LK	LK groomed BL
1349	3sec	BL	ST	NO	NO	NO	NO	ST	
1403	8sec	ML	AT	NO	NO	yes	yes	MH	

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 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1418	KK PB PG PK AJ YB KS ES TJ BB	BL WL ML OL BD BT WA BW	BL OG WE BW AT	EL WE OM OL NP	KTM Krd	✓	THV	THV	0	
1417	BL grooming BD									
1430	KK PB PG PK AJ YB MS ES TJ BB	BL WA ML BL OT BW RD WL	BL WE OG BW AT	EL WE OM OL NP	KTM Krd	✓	THV	THV	0	
1431	AJ grooming BB									
1433	BB chasing BL who			fled screaming						
1445	KK BB ST MS AJ PB PG YB PK KS ES TJ	BL RD WK WL OW BT WA DT WA	BL WE OG BW AT	EL WE OL OM NP	KTM Krd	✓	THV	THV	0	
1458	KK LK	AJ BL BD	feeding on PH ripe fruits							
1500	KK BB ST MS AJ PB PG YB BL PK KS ES TJ	BL RD BW RD WK WL OW BT WA	BL WE OG BW AT	EL WE OL OM NP	Krd OFF Trail	✓	PH THV	RF THV		
1502	KK made NVD and chasing LK who fled									
	screaming									
1508	Climbs	climbed into	~~for~~ tree	Silent						
	and started feeding		on ripe fruits							
1515	KK ST AJ ES TJ PB BB BL BD BK ES TJ PG MS	BL RD BW RD WK WL OW BT WA	BL WE OG BW AT	WE OL EL OM NP	Krd OFF Trail	✓	FBR THV	RF THV	0	
1515	During LK cop. with BL then KK interfered LK by									
	Chasing him LK fled		Screaming		BL fled					
	Silent.									

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
1433	BB			3sec				BL		F	Scream				Sexual competition	T
1502	KK		8sec	6sec				LK		F	Scream				Unknown	G
1515	KK			3sec				LK BL		F	Scream				Sexual competition	T

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
1411	6sec	BL	KK	NO	NO	NO	NO	KK	
1433	9sec	BL	BB	NO	NO	NO	NO	BB	
1515	4sec	BL	LK	YES	NO	NO	NO	LK	KK Interfered LK

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
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KPC Behavior

Day 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1530	KK LK AT MS ST YB PB PB BB TT TU	BL ML WL BU EW WJ OT RD BU	BO DG WE BW AT	EU WE OM DL NP	Kra OFF Trail	✓	FBR	PF	⊘	
1535	Chimps leaving the feeding tree and Movi									
	ng on ground									
1540	Chimps started feeding on THV in eden									
	Se vegetation									
1545	KK TA BB PT TU LK MS YB PB ST	BL BU WL OW WJ ML BU OT RD OT	BO DG WE BW AT	EU WE OM DL NP	Kra OFF Trail	✓	THV	THV	⊘	
1550	Some individuals left the group and moved									
	away									
1552	WE was Seen her left eye Swollen									
1555	AT has around on his Ankle of left foot									
1600	KK TA ST PB BB YB BT SU PD SY AJ	BL RD ML BU	BO AT	EU NP	Kra OFF Trail	✓	THV	THV	⊘	
1615	KK TA ES BB MS YB PB ST TU DG SY PJ	BL RD ML BU	BO AT	EU NP	U	✓	EAT THV	SIT THV	⊘	
1630	KK BB ES MS LK PB ST TA DG YB PJ	BL RD ML BU	BO AT	EU NP	U	✓	U	U	⊘	
1643	BB feeding on PTE young leaves									
1644	LK feeding on PTE young 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

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
1519		ML	AT	NO	NO	NO	NO	ML	
1531		BL	PG	YES	NO	NO	NO	PG	LK interfered Moved towards them PG stopped

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

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KPC Behavior

Day 16th Month Oct Year 09 KPC SM Others AG TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1645	KK TW ES BB AJ YB PG EB LK MS BL ST	BL RD ML BU	BO AT	EU NP	~~KYA OFF TRAIL~~	✓	PTE THV	YL THV	Ø	
1700	KK TW ES BB AJ BG LK MS PB TS ST	BL RA ML BU	BO AT	EU NP	KYAKISERO LOG	✓	THV	THV	Ø	
1704	BB feeding on Red SOIL from roots of a fallen tree									
1705	YB feeding on red soil from roots of a fallen tree									
1715	ST KK LK PB YB EB MS TW TS AJ BB	BL RD ML BU	BO AT	EU NP	KYAKISERO LOG	✓	THV	THV	Ø	
1720	LK feeding on Red SOIL from roots of a fallen tree									
1730	ST KK PB YB EB MS TW TS AJ BB	BL RD ML BU	BO AT	EU NP	KYAKISERO LOG	✓	THV	THV	Ø	
1734	It started raining									RN
1745	ST KK LK PB YB EB MS TW TS AJ BB	BL RD ML BU	BO AT	EU NP	KYAKISERO LOG	✓	THV	THV	Ø	
1753	BB made Soft Screams and Mounted								LK	
1800	KK TW ST MS BB PB LK YB PG AJ TS ES	BL RD ML BU	BO AT	EU NP	KYAKISERO LOG	✓	THV	THV	Ø	
1815	KK TW ST MS BB PB PG AJ LK YB TS ES	BL RD ML BU	BO AT	EU NP	"	✓	"	"	Ø	
1830	KK TW ST MS BB PB PG AJ LK YB TS ES	BL RD ML BU	BO AT	EU NP	"		"	"	Ø	
1838	It Stoped raining									
1845	KK TW ST MS BB PB PG AJ LK YB TS ES	BL RD ML BU	BO AT	EU NP	KYAKISERO LOG	✓	THV	THV	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

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 16th Month Oct Year 09 KPC SM Others AG TW Found M

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1849	OBS we Abandoned chimps				Late Middle					
	Moving at Kyalcisoro		logged area.	before						
	nesting.									

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?)