DAY 12 MONTH 12 YEAR 09 OBS-PC SJ FOC-OBS SM OTHERS JR HOW FOUND FT

	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	OL	TG	TT	TS	TD	UM	UN	AL	AT	AZ	AN	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	GRID	MNK	SP	PT
Estrus																																																			
5:45																																																		
6:00																																																		
6:15																																																		
6:30																																																		
6:45																																																		
7:00									X		X																																				M/24	None	FCP	RF
7:15									X		X																																							
7:30									X		X																								X															
7:45									X		X																								X															
8:00									X		X																								X															
8:15									X		X																								X							X							
8:30									X		X																								X							X							
8:45									X		X																								X							X							
9:00									X		X																								X							X							
9:15									X		X																								X							X							
9:30									X		X																								X							X							
9:45									X		X																								X							X							
10:00									X		X																								X							X							
10:15									X		X																								X							X							
10:30									X		X																								X							X							
10:45								X	X		X																								X							X						X	
11:00								X	X		X																								X							X						X	
11:15								X	X		X																								X							X						X	
11:30								X	X		X																								X							X						X	
11:45								X	X		X																								X							X						X	
12:00								X	X		X																								X							X						X	
12:15								X	X		X																								X							X						X	
12:30								X	X		X																								X							X						X	
12:45									X		X																																				M/24	BWC	FCP	RF
																																													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	OL	TG	TT	TS	TD	UM	UN	AL	AT	AZ	AN	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU				
13:00									X		X																																			M/27	None	THV	THV
13:15									X		X																																				"		
13:30									X		X																																				"		
13:45									X		X																																				None		
14:00								X	X		X																																				RDT		
14:15								X	X		X																								X							X						None		
14:30		?						X																											X							X							
14:45								X																											X							X							
15:00								X																											X							X							
15:15								X																											X							X							
15:30								X																											X							X							
15:45																																														M/27		THV	THV
16:00																																													N/24	None	—	—
16:15																								X	X	X																				"	RDC	—	—
16:30																								X	X	X																				N/25	"	—	—
16:45																								X	X	X																				N/24	None	—	—
17:00																																													"	"	MDR	RF
17:15																																													"	"	—	—
17:30																																													M/24	RDC	FBR	RF
17:45																																													M/25	None	FEX	YL
18:00																																															"	"
18:15																																															"	"
18:30																																															"	"
18:45																																														M/25	None	—	—
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	OL	TG	TT	TS	TD	UM	UN	AL	AT	AZ	AN	LR	LO	WA	WE	WL	WC	QT	QV	RD	ML	NP	EU	GRID	MNK	SP	PT
Health																																																

COMMENTS 7:22 LR Seen Carrying Head Lo.

FOUND: C=calls, FT=checking fruit trees, FFT: waiting at fruit tree, N=nest **PARTY COMPOSITION**: X: present at that time; O = thought to be around

OTHERS: Write IDs in blank columns: HH, PE, UM-UH-UN, GD-GS-GG, MU-MX, AFF, AMM, JFF, JMM, IMM, IFF

PT: RF = ripe fruit, UF = unripe fruit, SD = seed, YL = young leaf, ML = mature leaf, FL = flower, WD = wood, RT = root, SL = soil, MT = meat

MNK: RDC= Red colobus, BWC= Black and white colobus, RDT= Red-tail monkey, BLU= Blue Monkey, MGB= Mangabey, BAB= Baboon

HEALTH: 1 = Healthy, 2 = Cold/cough, 3 = Diarrhoea, 4 = Wound (describe). **ESTRUS**: 1 = None, 2 = Partial, 3 = Full

KPC Behavior LR → (1)

Day 12 Month 12 Year 09 KPC SJ Others SM JR Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
654	OBS arrive at nest site and found Chimps									
	had already left the nest feeding in FCP									
	at the same location.									
700	PG PB				B/27	✓	FCP	RF	∅	
715	PG PB				B/27	✓	"	"	∅	
722	LR Joined the Party Carrying Lo who									
	was dead, And Lo was seen the Previous									
	evening Very Sickly (coughing)									
726	LR approach Pant-bark to PG and Present									
	to PG and PG groomed LR.									
727	PG extended a hand to LR and LR extended									
	her's and They Shook.									
730	PG PB	LR			B/27	✓	FCP	RF	∅	
737	LR grooming dead (Lo).									
745	PG PB	LR			B/27	✓	FCP	RF	∅	

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?)

711 PG was heard Coughing (wet cough).

KPC Behavior QT → (1)

Day 12 Month 12 Year 09 KPC SJ Others SMTWJRIC Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
800	PG PB	LR			B/27	✓	FCP	RF	∅	
802	PG approach LR, She			Pant-grunted and groomed						PTG
	PG.									
803	Handclasp mutual groom LR ⟷ PG									HCG
804	PG grooming LR after handclasp.									
805	QT (QV)	Joined the party making Pant-bouts			Others didn't respond					
806	QT was heard Coughing.									
809	LR grooming PG.									
815	PG PB	LR QT	QV		B/27	✓	FCP	RF	∅	
818	PG grooming LR									
819	Handclasp mutual groom				LR ⟷ PG					HCG
821	PG grooming LR after handclasp.									
824	LR approach PB and PB groomed				LR.					
825	LR grooming PB.									
830	PG PB	LR			B/27	✓	FCP	RF	∅	

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 WL → ①

Day 12 Month 12 Year 09 KPC SJ Others SM TW IC Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
834	Mutual	grooming	PB ⟷		LR					
836	PB	grooming	LR							
840	LR	grooming	PB.							
845	Pg. PB,	LR; QT, J.	QV		B/27	✓	FCP	RF	∅	
850	WL (WC)	Joined the party making			Pant-hoots					
	and LR	responded	with Pant-barks.							
852	Mutual	grooming	Pg ⟷		QT					
856	LR	chasing off	flies from	Lo						
857	LR	groom	Dead (Lo).							
857	QT	grooming	PB.							
858	PB	left the	feeding tree.							
859	PB	entered into	an old day	nest tree of						
	nest	CDY	Height- 14m							
859	WC	WC	heard	Sneezing.						
900	PB	Pg	LR QT WL	QV WC	B/27	✓	FCP	RF	∅	

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?)

843 QT groom PG.

KPC Behavior

Day 12 Month 12 Year 09 KPC SI Others SM TWI CJR JM Found PT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
904	WL made Pant barks as PG approached her she extended the hand to PG and PG extended his and they shook.									
910	WL approach Pant-grunt to PG and Present to him then PG groomed WL. And at the sametime WL made screams and extended a hand to PG and PG extended his and they shook.									
912	PG grooming WL.									
915	PG PB RT WL LR QV WL				B/27	V	FC	PRF	MGB	
916	PB left the day rest									
927	PG entered into an old day rest, Tree of rest Cbu Height 14m.									
928	WL approach Pant-grunt and Present to PB then PB inspected her by touching on estrous and smell on fingers									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

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 12 Year 09 KPC SJ Others SM TW IC Jm JR Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
930	PG PB	LR QT WL	WC QV		B/27	✓	FCP	RF	MGB	
936	PB entered into an old day				nest, Tree of-					
	nest Cdn Height 16m.									
938	WL makes a day nest in the feeding Tree,									
	Height 18m									
943	LR grooming head LQ									
945	PG PB	LR QT WL	WC QV		B/27	✓	FCP	RF	MGB	
1000	PG PB	LR QT WL	WC QV		B/27	✓	FCP	RF	MGB	
1015	PG PB	LR QT WL	WC QV		B/27	✓	FCP	RF	MGB	
1025	PG left the day nest									
1026	PB left the day nest									
1029	QT made Screams approach and extend a hand									
	to PB and PB extend his and they Shook.									
1030	PG PB	LR QT WL	QV WC		B/27	✓	FCP	RF	MGB	
1032	Distant Calls heard from South of K-14 and-									

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?)

the focal IDs made Pant-hoots

KPC Behavior

Day 12 Month 12 Year 09 KPC ST Others SM TW IC JRJ Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1039	PB made non-Vocal displays and made attacks (1) to LR with kicks and slaps then LR retaliated chased PB and he fled making non-Vocal displays then at the same time PG Made non-Vocal displays chased WL she fled screaming, Moved toward LR and she extended a foot to her then WL touching									
1044	Other IBS joined the party, QT WL LR made Screams then PB made non-Vocal displays chased QT and she fled screaming; And at the same time ES made non-Vocal displays also chased QT and she fled screaming									
1045	PG PB ES LR	LR QT WL WC QV	EU		B/27	✓	FLP	RF	MGB	
1045	ES made non-Vocal displays chased WL she first fled Pant barking then again approached him-									

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
1039	PG		35s	35s				WL		F	Scream				unknown	T
1041	PG		25s					none								
1118	~~KE~~															

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 12 Year 09 KPC SI Others SMICTWJMJR Found FI

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1045	Pant-barking presented to ES and he									
	Inspected by touch her estrous									
1046	QT approach. Pant grunt to PB and PB									PTG
	groomed QT									
1047	Handclasp mutual groom PB ⟷ QT									Hcg
1050	QT grooming PB.									
1054	PB grooming QT.									
1100	PB PG LK ES	LR WL QT	RV WC	ES	B/27 ✓		FCP	RF	MGB	
1107	LK groom PG									
1109	PG groom LK									
1112	LK grooming PG.									
1113	ES water-barked at ES and ES made screams									
	and extended a hand to ES and ES also									
	extended his and they shook,									
1114	PG groom LK.									

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 12 Year 09 KPC SJ Others SM IC TW JR JM Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1114	KK Joined the party moving non.							Vocal displays		
	and Other IBs made Pant-hoots.									
1115	KK LK PG PB ES	LR QT WL	QV WC	EL	B/27	✓	FCP	RF	mgB	
1117	PB approach Pant-grunt to KK and he ignored.									PTG
1119	KK made non Vocal displays				Chased	PG and				
	LK and they both fled screaming									
1122	KK approach PG he Pant-grunted and KK									PTG
	groomed PG									
1124	Handclasp mutual groom KK ⟷ PG									Hcg
1126	mutual grooming after handclasp				PG ⟷ KK					
1128	PG grooming KK									
1128	WL grooming WC									
1130	KK LK PG PB ES	LR QT WL	QV WC	EL	B/27	✓	FCP	RF	mgB	
1141	KK grooming LK.									
1144	Handclasp mutual groom LK ⟷ KK									Hcg

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
1114	KK		5sec					None			RE-Union				RE-Union	G
1115	KK		3sec	45sec				PG KK			P Scream				unknown	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?)

KPC Behavior

Day 12 Month 12 Year 09 KPC SI Others SM IC PW JM JR Found FI

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1145	KK LK PG PB ES	LR QT WL	QV WC	EM	B/27	✓	FCP	RF	BWC	
1149	WL (WC)	left the	feeding	tree followed	by	QT	(QV)			
1153	LK grooming	KK								
1158	WL feeding on	CHT	YL							
1200	KK LK PG PB ES	LR QT WL	QV WC	EM	B/27	✓	FCP	RF	BWC	
1210	PB grooming	LK								
1215	KK LK PG PB ES	LR QT WL	QV WC	EM	B/27	✓	FCP	RF	BWC	
1221	PB was	heard	coughing	(Productive	Cough)					
1230	LK KK ES PG PB	LR QT WL	QV WC	EM	B/27	✓	FCP	RF	BWC	
1234	PG PB	left the	feeding	tree						
1240	Chimps	separated								
1245	PG PB				5/28				✓	
1248	chimps	entered	into	THV	for	feeding				
1300	PG PB				5/28	✓	THV	THV	✓	
1315	PG PB				5/28	✓	THV	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

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 12 Year 07 KPC ST Others SMICJR Found FI

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1330	PB PG				S/28	✓	THV	THV	∅	
1331	It started raining									
1345	PG PB				S/25	✓	THV	THV	∅	
1350	It stopped raining									
1353	Other IDs Joined while		Mr THV feeding							
1400	KK ES PG PB LK	QT WL	QV WC	EM	S/28	✓	THV	THV	RDT	
1409	LR Joined the	party	still carrying	Dead	Lo					
1415	KK ES PG PB LK	QT WL LR	QV WC	EM	S/28	✓	THV	THV	∅	
1420	PG PB	Disappeared	with THV,							
1430	LK KK	QT WL LR	QV WC		S/28	✓	THV	THV	∅	
1445	LK KK	QT WL LR	QV WC							
1450	It started raining									
1500	LK KK	QT WL LR	QV WC		S/28	✓	THV	THV	∅	
1510	It stopped raining									
1513	LR QT WL feeding		on SEV (RF)							

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 TG → (1)

Day 12 Month 12 Year 09 KPC SJ Others SM JM IC TW JR Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1530	LK KK	QT WL LR	QV WC		S/28	✓	TTtv	TTtv	∅	
1535	LR was seen	dragging Dead			(Lo)					
1535	KK	LK Also separated from the party								
1545		LR QT WL	WC-QV		S/K				∅	
1600		LR QT WL	WC-QV		15/BFD				∅	
1603	QT approached	LR who was dragging Dead								
	Lo and they	kissed each other								
1609	chimps	joined TG and family and they								
	all made pant-hoots									
1609	TT approach	LR then LR extended a								
	hand to TT	and TT made a soft bite								
	on it									
1613		LR QT WL TG	WC TT QV	TS TD	8/9				RDC	
1616	TT made non-vocal displays	towards LR who								
	was seated close to Lo's body	then TT approached &								

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 observed Lo's body intently.

KPC Behavior

Day 12 Month 12 Year 09 KPC SJ Others SM TW IC JM JR Found FI

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1618	TT Carrying		TD and	Swing with her						CY
	the tree for		about 1m	from the			mother on			
	ground									
1630		TG LR GT WL	RV WC TT	TS TD	8/9				PDC	
1631	TT approach and		Smell on	Dead	Lo					
1632	2 male RS made alarm Calls and									
	chased WL who was trying to climb									
	up into a feeding tree and she fled									
	Pant-barking and all other ID started									
	moving									
1632	TG approach	Pant-grunt	to LR's							PTG
	then LR touch on	TG's chin.								
1640	chimps	separated								
1645	[illegible]				W/ 10				Ø	
1650	LR climbed into MOR for feeding									

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 12 Month 12 Year 09 KPC ST Others SM JM JR Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1700		LR			W/10	✓	MDR	RSC	∅	
1715		LR			W/10				∅	
1716	LR climbed down from MDR,									
1716	LR feed on	Brown soil	from	the ground						
	hole!									dead baby
1723	LR climbed into FBR for				feeding still carrying the ^					
1730		LR			S/10	✓	FBR	RSC		
1734	If male adult RSC made alarm calls									
	approached and chased LR out of the tree									
1738	LR abandoned	LR's body for about 1 m	and she fled silent							
	~~then again came back~~ and dragged it									
1743	LR climbed into FBR for feeding YL.									
1745		LR			Y/13	✓	FBR	YL	∅	
1800		LR			Y/13	✓	FBR	YL	∅	
1815		LR			Y/13	✓	FBR	YL	∅	

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 13 Month 12 Year 09 KPC SJ Others JMJR Found FT

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1830		LR			Y/13	✓	FEX	YL	∅	
1843	LR climbed	down from FEX			still	carrying				
	the dead body of	LO.								
1845		LR			Y/13				∅	
1845	LR makes a	night nest,	TREE of	nest						
	Strombosia,	height 12m	DBH ⇒ 22	cm						
1850	OBS	left the	nest	site.						

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?)