DAY 02 nd MONTH NOV YEAR '09 OBS-PC Fm TMF/40 TWO JR HOW FOUND N

| Estrus | | |

AL ① OL ① OT ②

KPC Behavior

Day 02nd Month Nov Year 2009 KPC Fm Others TW JR Found M

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
627	Obs arrived at the nest site.									
630		AL OT OL	ATOGAZ	AN OMOL	Bug /800					
638	OL OT OG	feeding	on TRA	ripe fruit.						
644	AL (AN)	leaving the night nest.								
645	AT	leaving the night nest.								
645		AL OT OL	ATOGAZ	AN OMOL	Bug /800	✓	TRA	RF		
653	OL made	attack two to AT by slapping and								
	kicking, and he	screamed but didn't avoid.								
	AL just	made wearbarks.								
700		AL OT OL	ATOGAZ	AN OMOL	Bug /800					
703	Chimps	climbed	into COA	.						
715		AL OT OL	ATOGAZ	AN OMOL	Bug /800	✓	COA	RF		
730		AL OT OL	ATOGAZ	AN OMOL	〃	✓	〃	〃		
731	OL	grooming OT.								
734	OL	grooming OL.								

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 02nd Month Nov Year 2009 KPC Fm Others TW JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
736	OG grooming OU.									
740	AL grooming AT.									
745		AL OT OU	ATOGAZ	ANOMOL	800/Bug	✓	CON	RF		
746	AT grooming AL.									
754	Chimps leaving the feeding tree.									
800		AL OT OU	ATOGAZ	ANOMOL	800/Bug	✓	THV	THV		
815		AL OT OU	ATOGAZ	AN OMOL	Isnle/Bug	✓	CHT	YL	ROC	
824	Heard distant calls from East of mixed									
	and this party didn't respond.									
830		AL OT OU	ATOGAZ	ANOMOL	Isn/Bug	✓	CHT	YL	ROC	
845		AL OT OU	ATOGAZ	AN OMOL	"	✓	FEX	"	"	
900		AL OT OU	ATOGAZ	AN OMOL	"	✓	"	"	"	
915		AL OT OU	ATOGAZ	AN OMOL	"	✓	"	"	"	
930		AL OT OU	ATOGAZ	AN OMOL	"	✓	FEX	YL	ROC	
941	Chimps leaving the FEX and moved into				THV.					

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 02nd Month Nov Year 2009 KPC Fm Others TW JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
945		AL OT OU	ATOGAZ	AN OMOL	Bug /MFP	✓	THV	THV		
1000		AL OT OU	ATOGAZ	AN OMOL	〃	✓	〃	〃		
1015		AL OT OU	ATOGAZ	AN OMOL	GLT /1200	✓	〃	〃		
1030		AL OT OU	ATOGAZ	AN OMOL	〃	✓	〃	〃		
1036	Chimps	feeding	on PITH.							
1045	KK joined the	party and	others	pant barked.						
1045	KK	AL OT OU	ATOGAZ	OMOL AN	GLT /Bug	✓	PITH	RF		
1055	There was a fight in poor view among the									
	juveniles and there was alot of screams, then									
	OU war barked.									
1100	KK	AL OT OU	ATOGAZ	OMOL AN	GLT /Bug	✓	OOA	RF		
1115	KK	AL OT OU	ATOGAZ	AN OMOL	〃					
1119	OG made an arm	threat to AL	who	chased						
	him and he fled screaming to OU, OU AL									
	made arm threats to each other and screamed,									

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
1119	AL			35sec				OG		F	✓				Unknown	G
1119	KK		6secs					None							conflict intervention	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 02nd Month Nov Year 2009 KPC Fm Others TW JM Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
	then KK	made	non vocal displays	and						
	they stopped.									
1130	KK	AL OT OU	AT OG AZ	AN OMOH	K/WST	✓	FCH	RF		
1145	KK	AL OT OU	AT OG AZ	AN OMOH	4	✓	THV	THV		
1148	OU	grooming OT.								
1200	KK	AL OT OU	AT OG AZ	AN OMOH	K/WST					
202	AL	grooming AZ.								
1215	KK	AL OT OU	AT OG AZ	AN OMOH	K/WST					
1218	AZ	grooming AL.								
1220	AL	grooming AZ.								
1222	Om	playing with	AZ by	biting and	wrestling.					
1223	AZ	grooming Om.								
1230	KK	AL OT OU	AZ OG AT	AN OMOH	ROCK TRAIL/WST					
1241	OL	was heard	coughing.	(DRY).						
1245	KK	AL OT OU	AZ OG AT	AN OMOH	ROCK TRAIL/WST					

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 02nd Month Nov Year 2009 KPC Fm Others TW Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1300	KK	AL OT QU	AT OG AZ	AN OMOL	WST / OFFTRK					
1315	KK	AL OT QU	AT OG AZ	AN OMOL	75 BE / WST					
1318	Chimps moved into the swamp and started									
	feeding on PAP pith.									
1330	KK	AL OU OT	AT OG AZ	AN OMOL	7E Ex / WST	✓	PAP	Pith		
1345	KK	AL OU OT	AT OG AZ	AN OMOL	〃	✓	〃	〃		
1400	KK	AL OU OT	AT OG AZ	AN OMOL	〃	✓	〃	〃		
1415	KK	AL OU OT	AT OG AZ	AN OMOL	〃	✓	〃	〃		
1430	KK	AL OU OT	AT OG AZ	AN OMOL	〃	✓	〃	〃		
1445	KK	AL OT QU	AT OG AZ	AN OMOL	7E Ex / WST	✓	PAP	Pith		
1456	Chimps leaving the swamp except KK, and									
	they started moving.									
1500		AL OT QU	AT OG AZ	AN OMOL	7E Ex / WST					
1515		AL OT QU	AT OG AZ	AN OMOL	NB / WB					
1526	Chimps climbed into COA and joined KK.									

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 02nd Month NOV Year 2009 KPC Fm Others TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1530	LK	AL OT OU	AT OGAZ	AN OMOL	NB /2S	✓	COA	RF		
1542	OT fought with	AT who	retaliated	fighting						
	and chasing her.	Ah approached and	kicked							
	OT, and	both OT AT	fell from the tree	screaming						
	and fled to	different	directions.							
1545	LK	AL OT OU	AT OGAZ	AN OMOL	NB /2S	✓	COA	RF		
53	Chimps	leaving the	feeding tree.							
1600	LKKK	AL OT OU	AT OGAZ	AN OMOL	9E /2S	✓	THV	THV		
1615	LKKK	AL OT OU	AT OGAZ	AN OMOL	4	✓	4	4		
1620	Chimps	climbed	into COA	but						
	Ah (AN) AZ	stayed	in THV.							
1630	LKKK	AL OT OU	AT OGAZ	AN OMOL	9E /2S	✓	COA	RF		
1632	Chimps	leaving the	COA.							
1644	LK grooming	KK.								
1645	LKKK	AL OT OU	AT OGAZ	AN OMOL	9E /2S	✓	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
1542	OT					✓		AT			✓		✓		food competition	T
1542	AL				✓			OT		F	✓				protection	T
1550	KK		17secs					None							Reunion	9

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?)

1550 KK joined the party and made NVD.

KPC Behavior

Day 02nd Month NOV Year 2009 KPC Fm Others TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1646	Hand clasp mutual groom LK ⇆ KK									Hcg
1648	LK grooming KK.									
1649	KK grooming LK.									
1700	LKKK	ALOT OU	ATOJAZ	AN OMOL	9E/2S	✓	THV	THV	BWC	
1715	LKKK	ALOT OU	ATOJAZ	AN OMOL	〃	—	〃	〃	〃	
1724	AT eating brown soil from the roots of									Soil
	fallen tree.									
1728	KK made non vocal displays and OU OT AL AT									
	ran into trees pant barking. He chased LK									
	who fled into the tree screaming.									
1729	AN eating red soil from the roots									
	of a fallen tree.									
1729	Chimps climbed into FBR except AN family.									
1730	LKKK	ALOT OU	ATOJAZ	AN OMOL	6AE/4S	✓	FBR	RF		
1745	LKKK	ALOT OU	ATOJAZ	AN OMOL	〃	✓	〃	〃		

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
1728	KK		9sec	35sec				LK		F	✓				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 02nd Month NOV Year 2009 KPC Fm Others TW Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1751	Chimps leaving the feeding tree.									
1753	Lk grooming Kk.									
1753	09 eating red soil from the roots of a fallen tree.									SOIL
1754	Om share soil with 09 from his hand.									SOIL
1800	LKKk	ALOT OU	ATOGAZ	AN OMOL	6AE/4S					
1813	Lk grooming KK.									
1815	LKKk	ALOT OU	ATOGAZ	AN OMOL	6AE/5S	✓	COA	RF		
1821	Kk building a night nest, 5m high. DBH 15cm (E) Sp. Uvariopsis.									
1826	Lk building a night nest.									
1830	LKKk	ALOT OU	ATOGAZ	AN OMOL	6AE/5S	✓	COA	RF		
1837	dt Started raining.									RN
1840	dt rained heavily and Obs had to leave and the females were still in				COA.					

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?)