DAY 27 MONTH 04 YEAR 09 OBS-PC ST TMF/40 KJ BP 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	OL	GRID	MNK	SP	PT
Estrus																			1	2						3																							
5:45																																																
6:00																																																
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7:45	X	X			X	X	X	X	X	X	X	X														X	X															X	X			T/27	NONE	—	—
8:00	X	X			X	X	X	X	X	X	X	X														X	X															X	X				NONE	—	—
8:15	X	X			X	X	X	X	X	X	X	X														X	X															X	X					THN	THN
8:30	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					"	"
9:00	X	X			X	X	X	X	X	X	X	X														X	X															X	X				NONE	THN	THN
9:15	X	X			X	X	X	X	X	X	X	X														X	X															X	X			I/27		"	"
9:30	X	X			X	X	X	X	X	X	X	X														X	X															X	X			H/27		COA	RF
9:45	X	X			X	X	X	X	X	X	X	X														X	X															X	X					COA	RF
10:00	X	X			X	X	X	X	X	X	X	X														X	X															X	X				NONE	COA	RF
10:15	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					—	—
10:45	X	X			X	X	X	X	X	X	X	X								X						X	X															X	X					THN	THN
11:00	X	X			X	X	X	X	X	X	X	X								X						X	X															X	X				NONE	THN	THN
11:15	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					THN	THN
11:45	X	X			X	X	X	X	X	X	X	X								X	X					X	X															X	X					THN	THN
12:00	X	X			X	X	X	X	X	X	X	X								X	X					X	X															X	X				NONE	THN	THN
12:15	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					"	"
12:45	X	X			X	X	X	X	X	X	X	X								X	X					X	X															X	X			H/27		"	"
	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
13:00	X	X			X	X	X	X	X	X	X	X							X	X	X	X				X	X															X	X			H/27	NONE	THN	THN
13:15	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					"	"
13:45	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				NONE	THN	THN
14:15	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					"	"
14:45	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				NONE	CAF	YL
15:15	X	X			X	X	X	X	X	X	X	X							X	X	X	X				X	X															X	X					CAF	YL
15:30	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					"	"
16:00	X	X			X	X	X	X	X	X	X	X							X	X	X	X				X	X															X	X				NONE	CAF	YL
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					—	—
16:45	X	X			X	X	X	X	X	X	X	X							X	X	X	X				X	X															X	X					CAF	YL
17:00	X	X			X	X	X	X	X	X	X	X							X	X	X	X				X	X															X	X				NONE	CAF	YL
17:15	X	X			X	X	X	X	X	X	X	X							X	X	X	X				X	X															X	X					"	"
17:30	X	X			X	X	X	X	X	X	X	X							X	X	X	X				X	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		X	X	X	X	X							X	X	X	X				X	X															X	X			H/27	NONE	CAF	YL
18:15																																																
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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																																																

COMMENTS

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

DAY 27 MONTH 04 YEAR 09 OBSERVER ST KJ BP Found: C FT FFT (N) Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
734	OBS reached at nest site and found chimps									
	already out of their nests but still at									
	the same location. feeding in T/TV									
741	LK grooming BB.									
744	BB made attack (1) to ST with a kick and he									
	fled screaming then KK and LK made joint									
	non-vocal displays towards Um and she									
	fled Pant-barking climbing a tree									
745	MS KK LG BB AJ TV ST LK PG PB ES TJ	Um	Uh	NP EU	LEXI 165				0	
11	Copulation male approach LK → Um 7sec									CP
	with no screams no dart no interference									
750	KK and LK made vocal joint displays KK									
	chased ES and he fled screaming climbing a tree LK Contin-									
	ued making Displays PB fled Pant-barking									
	climbing a tree and others made vocal-barks									
750	Copulation male approach MS → Um 8sec									CP
	with no screams no dart no interference.									
754	LK approach and groom AJ									
755	Copulation male approach LK → Um 6sec									CP
	With no dart no scream no interference.									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **FBK:** Food bark; **HCG:** Hand-clasp groom; **HNY:** Honey; **IGI:** Intergroup interaction; **LF:** Leaf use; **MAT:** Attacked by monkeys; **PIG:** Pigs; **PRED:** Predation; **PTG:** Pant-grunt; **RN:** Rain; **RD:** Rain display; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events

UM → (3)

KPC Behavior

DAY 27 MONTH 04 YEAR 09 OBSERVER STKJ BP Found: C FT FFT (N) Other_____

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
756	Copulation male approach KK → UM 7 sec									CP
	with no screams no dart no interferance									
759	TU grooming AJ									
800	MS KK BB AJ TU ST LK PG ES PB TJ	UM	Un	NP Eu	4 EXT 16 S				Ø	
802	KK and LK made to int Vocal displays									
	KK made buttress bungs									
804	UM was heard coughing									
805	PG approach mount ST									
805	Copulation male approach 8 sec ST → UM									CP
	with no screams no dart									
807	BB made non-vocal displays PG joined him									
	also making NVD and ES fled pant-barking									
811	BB grooming LK.									
811	Copulation male approach BB → UM 8 sec									CP
	no screams no dart no interferance.									
814	TU chased PB and he fled screaming and									
	at the sametime BB made attack (1) to UM									
	with kicks and she screams but didn't avoid.									
815	MS KK BB AJ ST TU LK PG ES TJ PB	UM	Un	NP Eu	4 EXT 16 S	✓	THV	THV	Ø	
830	MS KK BB AJ ST TU LK PG ES TJ PB	UM	Un	NP Eu	"	✓	"	"	Ø	

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **FBK**: Food bark; **HCG**: Hand-clasp groom; **HNY**: Honey; **IGI**: Intergroup interaction; **LF**: Leaf use; **MAT**: Attacked by monkeys; **PIG**: Pigs; **PRED**: Predation; **PTG**: Pant-grunt; **RN**: Rain; **RD**: Rain display; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events

KPC Behavior

DAY 27 MONTH 04 YEAR 09 OBSERVER SJ KT BP Found: C FT FFT (N) Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
840	LK feeding on JAS YL									
843	Handclasp Mutual groom.				ST ↔			MS		HCG
844	ST and TU both groom			MS	after handclasp					
845	MS KK BB AJ TU ST LK PG ES TJ PB	UM	UN	NPEU	Adam 2 165	✓	THV	THV	⊘	
847	Handclasp mutual groom				TU ↔			MS		HCG
848	Chain groom ST → TU →				MS.					
849	TU grooming ST									
11	MS grooming himself.									
855	BB grooming MS									
900	MS KK BB AJ TU ST LK PG ES TJ PB	UM	UN	NPEU	Adam 2 165	✓	THV	THV	⊘	
903	Copulation male approach & see Theres									CP
	interferance BB and TU made Vocal displays									
	Towards MS and BB made attack (1) to MS with									
	a kick and he fled screaming moving towards									
	AJ and AJ mounted MS and TU mounted BB.									
914	LK feeding on Ritchia fruits.									
915	MS KK BB ST LK TU AJ PG ES TJ PB	UM	UN	NPEU	Adam 2 165	✓	THV	THV	⊘	
920	TU grooming LK									
924	LK grooming TU									
926	KK made non-Vocal displays				and Buttress-					

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **FBK:** Food bark; **HCG:** Hand-clasp groom; **HNY:** Honey; **IGI:** Intergroup interaction; **LF:** Leaf use; **MAT:** Attacked by monkeys; **PIG:** Pigs; **PRED:** Predation; **PTG:** Pant-grunt; **RN:** Rain; **RD:** Rain display; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events

bangs TU avoid casual screaming KK continued making NVD chased ES and he fled screaming and making threat-barks

KPC Behavior

DAY 27 MONTH 04 YEAR 09 OBSERVER ST KJ BP Found: C FT FFT (N) Other_____

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
929	TU made attack ① to um and she made screams and retaliated by chassing TU while screaming and TU fled silent									
929	Clumps climbed into COA making food barks									FBK
930	MS KK AJ BB TU ST LK PG ES TJ PB	UM	Un	NP EU	ADAM(2) ADAM I	✓	COA	RF	∅	
931	PG made vocal displays and TU avoided casual pant-barking.									
932	AJ made non-vocal displays chassed TJ and he fled screaming leaving the feeding tree									
934	Copulation male approach KK → um 9 sec no scream no dart and no interferance.									CP
940	LK made non-vocal displays and made attack ① to ST, he screamed but didn't avoid, LK continued making NVD moved towards BB and he also made screams but didn't avoid and KK intervened by making non-vocal displays while all were in the feeding tree.									
945	MS KK BB AJ TU ST LK PG ES TJ PB	UM	Un	NP EU	ADAM II ADAM I	✓	COA	RF	∅	
1000	MS KK BB AJ TU ST LK PG ES TJ PB	UM	Un	NP EU	"	✓	"	"	∅	
1015	MS KK BB AJ TU ST LK PG ES TJ PB	UM	Un	NP EU	"	✓	"	"	∅	

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **FBK:** Food bark; **HCG:** Hand-clasp groom; **HNY:** Honey; **IGI:** Intergroup interaction; **LF:** Leaf use; **MAT:** Attacked by monkeys; **PIG:** Pigs; **PRED:** Predation; **PTG:** Pant-grunt; **RN:** Rain; **RD:** Rain display; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events

OT → BB

KPC Behavior

DAY 27 MONTH 04 YEAR 09 OBSERVER SJ KJ BP Found: C FT FFT (N) Other _____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1016	Copulation	Male approach & see			LK → UM					CP Silent
1019	Copulation	Male approach BB → UM & see								CP
	with no screams and no dart-no interference									
1021	AJ grooming MS.									
1022	Handclasp	Mutual groom		KK ⟷ LK						Hcg
1023	KK groom LK after handclasp groom									
1023	TU grooming BB									
1024	Handclasp mutual groom TU ⟷ BB									Hcg
1025	Handclasp mutual groom KK ⟷ LK									Hcg
1027	LK groom KK after handclasp groom.									
"	TU groom BB after handclasp groom									
1028	chain groom BB → TU → MS									
1030	MS KK BB AJ ST TU LK PG ES PB TJ	UM OT	UN	NP En	ADAM II / ADAM I				Ø	
1030	chain groom LK → KK → TU.									
1033	AJ grooming UM									
"	MS grooming KK									
1034	KK grooming TU.									
1036	KK grooming MS.									
1037	KK and TU both groom MS									
1039	Chain groom KK → TU → ST									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **FBK:** Food bark; **HCG:** Hand-clasp groom; **HNY:** Honey; **IGI:** Intergroup interaction; **LF:** Leaf use; **MAT:** Attacked by monkeys; **PIG:** Pigs; **PRED:** Predation; **PTG:** Pant-grunt; **RN:** Rain; **RD:** Rain display; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events

1025 OT @ joined the party without making any calls

KPC Behavior

DAY 27 MONTH 04 YEAR 09 OBSERVER SJ KJ PB Found: C FT FFT (N) Other

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1041	TU grooming LK									
1041	KK grooming MS.									
1042	NP grooming OT									
1043	TU grooming AJ									
1045	MS KK AJ BB ST TU LK PG ES TJ PB	UM OT	Un	NP Eu	ADAM II / ADAM I		THV	THV	Ø	
"	Copulation	male approach		TU →	Um		7 sec			CP silent
1056	TU grooming BB									
1100	MS KK BB AJ TU ST LK PG ES TJ PB	UM OT	Un	Eu NP	ADAM (2) / ADAM II		JHV	THV	Ø	
1113	Um feeding	JAS	VL							
1114	AJ grooming BB									
1115	MS KK BB AJ TU ST LK PG ES TJ PB	UM OT	Un	NP Eu	ADAM I / ADAM II				Ø	
1117	BB grooming TU									
1120	Handclasp	mutual	groom	TU ⇄ BB						Hcg
1121	chain groom	LK →	TU →	AJ						
"	Pg grooming	himself								
1124	NP makes	a day nest	Tree of	nest	CDu		Height	8m		
1124	Handclasp	mutual	groom	TU ⇄ LK						Hcg
1125	AJ leaf	groom for	1 min	before	he	was	resting			
	and after	BB groom him								
1126	Handclasp	mutual	groom	AJ ⇄ PG						Hcg

H/27

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **FBK**: Food bark; **HCG**: Hand-clasp groom; **HNY**: Honey; **IGI**: Intergroup interaction; **LF**: Leaf use; **MAT**: Attacked by monkeys; **PIG**: Pigs; **PRED**: Predation; **PTG**: Pant-grunt; **RN**: Rain; **RD**: Rain display; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events

KPC Behavior

OU → ①

DAY 27 MONTH 04 YEAR 09 OBSERVER SJ KJ Found: C FT FFT (N) Other_____

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1127	Pg groom AJ after handclasp.									
1130	MS KK BB AJ TU ST LK PG ES PB TJ	UM OT	UN	NP EU	ADAM I / ADAM II	THV	THV		①	
"	AJ groom Pg									
1133	Mutual grooming TU ⇄ LK									
1134	TU grooming LK									
1135	Pg grooming AJ									
1137	Handclasp mutual groom.				LK ⇄ AJ					Hcg
1141	BB groom MS									
1144	OU joined together with OM OG OL they made pant									
	barks and pant-hoots and others didn't respond									
1145	MS KK BB AJ TU ST LK PG ES TJ PB	OU UM OT	OG UN	OM OL NP EU	ADAM I / ADAM II	THV	THV		①	
1149	TU grooming MS									
1157	Handclasp mutual groom AJ → MS									Hcg
1200	MS KK BB AJ TU ST LK PG ES TJ PB	OU UM OT	OG UN	OM OL NP EU	ADAM I / ADAM II	THV	THV		①	
1212	TU grooming LK									
1213	Mutual grooming MS ⇄ TU									
1214	TU groom MS after mutual grooming									
1215	MS KK BB AJ TU ST LK PG ES TJ PB	OU UM OT	OG UN	OM OL NP EU	ADAM I / ADAM II	THV	THV		①	
"	TU grooming LK									
1218	TU grooming MS.									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **FBK**: Food bark; **HCG**: Hand-clasp groom; **HNY**: Honey; **IGI**: Intergroup interaction; **LF**: Leaf use; **MAT**: Attacked by monkeys; **PIG**: Pigs; **PRED**: Predation; **PTG**: Pant-grunt; **RN**: Rain; **RD**: Rain display; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events

KPC Behavior

DAY 27 MONTH 04 YEAR 09 OBSERVER SJ KJ BP Found: C FT FFT (N) Other _____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1220	LL and TU both groom MS.									
1225	Mutual grooming TU ⇆ MS									
1229	Handclasp Mutual groom TU				⇆ MS					HCG
1230	MS KK LL TU BB AJ ST LK PG ES JT PB	OF UM OU	OG UN	OM OL NP EN	ADAM I ADAM II		THV	THV	⊘	
11	TU groom MS after handclasp				groom					
1230	Copulation male approach MS				→ UM		6 sec			CP Silent-S
1231	KK Made non-vocal displays				MS		AT			and LK
	all avoid Casual silent.									
1231	Copulation male approach				BB → UM		8 sec			CP Silent
1232	KK and LK made some non-vocal displays									
	and some individuals made Pant-Barks in a									
	dense View.									
1236	KK made non-vocal displays and attacked									
	someone in a dense View and the Victim made									
	Screams and Others made Waar-Barks.									
1245	KK MS AJ ST TU BB BL KP GT JE SP GI	UM OU OT.	OG UN	OL OM NP EN	ADAM I ADAM II		THV	THV	⊘	
1249	BB groom LL									
1252	LK groom BB									
1255	PG grooming AJ									
1259	BB groom LK.									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **FBK:** Food bark; **HCG:** Hand-clasp groom; **HNY:** Honey; **IGI:** Intergroup interaction; **LF:** Leaf use; **MAT:** Attacked by monkeys; **PIG:** Pigs; **PRED:** Predation; **PTG:** Pant-grunt; **RN:** Rain; **RD:** Rain display; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events

KPC Behavior

DAY 27 MONTH 04 YEAR 09 OBSERVER SJ KJ BP Found: C FT FFT (N) Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
H/28 1300	MS KK BB AJ ST TU LK PG ES TJ PB	OU UM OT	OG UN	OL OM NP EU	ADAM I	V	THV	THV	∅	
1315	MS KK BB AJ ST TU LK PG ES TJ PB	OU UM OT	OG UN	OL OM NP EU	"	V	THV	THV	∅	
H/27 1330	MS KK BB AJ ST TU LK PG ES PB	OU UM OT	OG UN	OL OM NP EU	ADAM I SWAMP		THV	THV	∅	
"	Handclasp	mutual groom		LK	⟷		BB			Hcg
1333	Mutual grooming	after	Handclasp		LK	⟷	BB			
1333	Chain groom	AJ → BB			→ LK					
1336	LK and AJ both groom BB.									
1337	Chain groom AJ → BB →				LK					
1345	MS KK BB AJ ST LK PG ES TJ PB	OU UM OT	OG UN	OL OM NP EU	ADAM I SWAMP		THV	THV	∅	
1351	AJ grooming BB.									
1353	PB grooming LK.									
1358	LK grooming TU									
1359	TU grooming LK				ADAM I SWAMP					
H/2 1400	MS KK BB AJ ST TU LK PG ES TJ PB	OU UM OT	OG UN	OM OL NP EU	ADAM I SWAMP		THV	THV	∅	
1402	LK grooming TU.									
1407	KK and BB made vocal displays and others made									
	made waars									
1415	MS KK BB AJ TU ST LK PG ES PB TJ	OU UM OT	OG UN	OM OL NP EU	ADAM I SWAMP	V	THV	THV	∅	
1423	Someone chased PB in a dense V fw and he fled									
	screaming									

AT 15-MINUTE INTERVALS: Party Composition, Location, Food, MNK ESTROUS: 1 = None, 2 = Partial, 3 = Full

BEHAVIOR CODES (List all that you see - See reference sheet for required data):

AP: Adult Play; **CP:** Copulation; **CY:** Carry; **DR:** Drink; **FBK:** Food bark; **HCG:** Hand-clasp groom; **HNY:** Honey; **IGI:** Intergroup interaction; **LF:** Leaf use; **MAT:** Attacked by monkeys; **PIG:** Pigs; **PRED:** Predation; **PTG:** Pant-grunt; **RN:** Rain; **RD:** Rain display; **STK:** Stick use; **TLU:** Tool use; **UNF:** Unusual food; **Q:** Other unusual events

KPC Behavior

DAY 27 MONTH 04 YEAR 09 OBSERVER SJ KJ BP Found: C FT FFT (N) Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1430	MS KK BB AJ ST TU LK PG ES TJ PB	OU UM OT	OG UN	OL OM NP EN	ADAM SWAMP	I	THV	THV	⊘	
1434	MS grooming ST.									
1435	TU grooming BB									
1439	chain groom KK → BB → TU									
1440	Handclasp mutual groom BB ↔ TU									Hcg
1441	KK and TU both grooming BB.									
1442	Someone chased TJ and he fled screaming.									
1443	MS KK BB AJ TU ST LK PG ES TJ PB	OU OT UM	OG UN	OL OM NP EN	ADAM SWAMP	I	THV	THV	⊘	
1446	LK approach and groom BB									
1447	LK approach and groom KK									
1448	Copulation male approach KK → UM 8 sec									CP no scream
	no dart and no interference.									
1450	Copulation female approach UM → LK 7 sec									CP with no
	screams no dart and no interference LK groom UM.									
1452	chimps climbed into CAF for feeding								YL	
1454	AJ grooming LK									
1455	Copulation male approach AJ → UM 7 sec									CP with
	no dart no screams and no interference.									
1502	MS KK BB ST TU AJ LK PG ES TJ PB	OU UM OT	OG UN	OL OM NP EN	ADAM SWAMP	I	THV CAF	THV YL	⊘	
1502	Copulation male approach BB → UM 7 sec									CP no scream

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no dart and no interference.

KPC Behavior

DAY 27 MONTH 04 YEAR 09 OBSERVER SJ KJ BP Found: C FT FFT (N) Other_____

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1504	TU approach PG and PG groomed him									
1507	TU grooming PG.									
1509	PG groom TU									
1515	MS KK BB AJ TU ST LK PG ES PB TJ	OU UM OT	OG UN	OL OM NP EN	ADAM I SWAMP		CAF THV	YL THV	∅	
1525	Copulation male approach LK → UM								8 sec	CP with no screams no dart no interference.
1530	MS KK BB AJ TU ST LK PG ES PB TJ	OU UM OT	OG UN	OL OM NP EN	ADAM I SWAMP		CAF THV	YL THV	∅	
1540	Copulation Male approach UM → UM								7 sec	CP silent
1545	MS KK BB AJ TU ST LK PG PB TJ ES PB	OU UM OT	OG UN	OL OM NP EN	ADAM I SWAMP		CAF THV	YL THV	∅	
1600	MS KK BB AJ TU ST LK PG ES PB TJ	OU UM OT	OG UN	OL OM NP EN	ADAM I SWAMP		CAF THV	YL THV	∅	
1615	MS KK BB AJ TU ST LK PG ES PB TJ	OU UM OT	OG UN	OL OM NP EN	"		CAF THV	YL THV	∅	
1622	It stopped raining									
1625	AJ groom LK									
1626	LK groom AJ									
1629	Handclasp Mutual groom LK ⇄ AJ									HCG
1630	MS KK BB AJ TU ST LK PG ES PB TJ	OU UM OT	OG UN	OL OM NP EN	ADAM I SWAMP					
1631	LK groom AJ after handclasp.									
1637	Copulation ~~AJ~~ male approach				AJ → UM					CP 8 sec
	With no screams no dart AJ groom UM									
1641	Copulation Mutual approach				LK ⇄ UM					CP 9 sec

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With screams and no dart.

KPC Behavior

DAY 27 MONTH 04 YEAR 09 OBSERVER SJ KJ BP Found: C FT FFT (N) Other_____

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
1643	ES made screams then AJ				mount			LK		
1645	MS KK BB AJ ST TU LK RG ES PB TJ	OU OT Um	OG UN	OL OM NP EN	Adam I Swamp		CAF THV	YL THV	⊘	
1700	MS KK BB AJ ST TU LK RG ES PB TJ	OU OT Um	OG UN	OL OM NP EN	Adam I Swamp		CAF THV	YL THV	⊘	
1714	LK grooming AJ									
1715	MS KK BB AJ ST TU LK PG PB TJ ES	OU OT Um	OG UN	OL OM NP EN	ADAM I SWAMP		CAF THV	YL THV	⊘	
1717	Um makes a night nest, Tree of nest									CBH, Height
	18m, DBH = 56cm.									
1722	AJ grooming LK.									
1723	Handclasp Mutual groom AJ				⟷ LK					HCG
1724	AJ groom LK after handclasp				groom					
1726	LK groom	AJ								
1730	MS KK BB AJ ST TU LK PG ES TJ PB	OU OT Um	OG UN	OL OM NP EN	ADAM I SWAMP		CAF	YL	⊘	
1745	MS KK BB AJ ST TU LK PG ES TJ PB	OU OT Um	OG UN	OL OM NP EN	ADAM I SWAMP		CAF	YL	⊘	
1800	MS KK BB AJ ST TU LK PG ES TJ PB	OU OT Um	OG UN	OL OM NP EN	"		CAF	YL	⊘	
1810	OBS left the nest site									

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