DAY 23rd MONTH 04 YEAR 09 OBS-PC Fm TMF/40 KJSmJw HOW FOUND C

	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						1	2						3					1																
5:45																																															
6:00																																															
6:15																																															
6:30																																															
6:45																																															
7:00																																															
7:15																																															
7:30	X	X	X		X	X				X		X														X	X															X		K/27		—	—
7:45	X	X	X		X	X				X		X														X	X															X		L/27		—	—
8:00	X	X	X		X	X				X		X	X		X				X	X	X	X				X	X															X	X			FBR	RF
8:15	X	X	X		X	X	X	X		X		X	X		X				X	X	X	X				X	X															X	X				
8:30	X	X	X		X	X	X	X		X		X	X		X				X	X	X	X				X	X															X	X				
8:45	X	X	X		X	X	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	X				X	X															X	X				
9:15	X	X	X		X	X	X	X		X		X	X		X				X	X	X	X				X	X															X	X				
9:30	X	X	X		X	X	X	X		X		X	X		X				X	X	X	X				X	X															X	X		RDC	↓	↓
9:45	X	X	X		X	X	X	X		X		X	X		X				X	X	X	X				X	X															X	X		"	FBR	RF
10:00	X	X	X		X	X	X	X		X		X	X		X				X	X	X	X				X	X															X	X		RDC	—	—
10:15	X	X	X		X	X	X	X		X		X	X		X				X	X	X	X				X	X															X	X			—	—
10:30	X	X	X		X	X	X	X		X		X	X		X				X	X	X	X				X	X															X	X			—	—
10:45	X	X	X		X	X	X	X		X		X	X		X				X	X	X	X				X	X															X	X			—	—
11:00	X	X	X		X	X	X	X		X		X	X		X											X	X															X				FCP	UF
11:15	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				"	"
11:45	X	X	X		X	X	X	X		X		X	X		X											X	X															X				FCP	UF
12:00	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				—	—
12:30	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		L/27		THV	THV
	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		L/27		—	—
13:15	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				THV	THV
13:45	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				"	"
14:15	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X				X	X									X	X				THV	THV
14:30	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				—	—
15:00	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X				X	X									X	X				—	—
15:15	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X				X	X									X	X				ANT	YL
15:30	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X				X	X									X	X				—	—
15:45	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X				X	X									X	X				FCP	UF
16:00	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X				X	X									X	X					
16:15	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X				X	X									X	X					
16:30	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X				X	X									X	X				↓	↓
16:45	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X														X	X				FCP	UF
17:00	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X														X	X				—	—
17:15	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X														X	X				TRI	YL
17:30	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X														X	X				FBR	RF
17:45	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				FBR	RF
18:15	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X														X	X		↓		CAF	YL
18:30	X	X	X		X	X	X	X	X	X	X	X	X		X											X	X														X	X		L/27		—	—
18:45																																															
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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		1				1	1	1	1				4	1				1	1									1	2	1				

COMMENTS Um had wounds on her Estrous but was also heard coughing. EU was also heard coughing.

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

Um (3)

KPC Behavior

DAY 23rd MONTH 04 YEAR 89 OBSERVER FmKJTw 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						
728	Obs found chimps on travel at EB Ex/SB									
730	MSST TWES BBAJ TJ	Um	UM	EU	EB Ex /SB					
740	Some males made pant hoots, then BB made									
	vocal displays.									
740	Cop. with screams but no darts, 5secs, M→F									CP TU→Um
	approach and Um interfered by touching TU's face.									
744	Um was heard coughing.									
745	MSST TWES BBAJ TJ	Um	UM	EU	EB Ex /2 Ex					
746	BB made vocal displays chasing						Um			
	who fled screaming.									
747	Um has a wound on her Estrous.									
749	Um approached BB pant grunting, then presented									PTG
	and he inspected her by touching and									
	smelling on the Estrous.									
752	BB made non vocal displays chasing TU									
	who fled screaming, and Um also ran									
	into the tree pant barking.									
754	Heard distant calls from south by KK									
	and this party pant hooted.									

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

OU (1) BL (1) OT (2)

KPC Behavior

DAY 23rd MONTH 04 YEAR 09 OBSERVER FmKJTW 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
758	BB made non vocal displays and buttress bungs chasing TU who fled silently and um ran into the tree pantbarking.									
759	OU (OL) OMOGOT joined the party together with BLBO.									
759	BB made vocal displays and buttress bungs, and um TU ran into the trees pant barking.									
800	MSST TUES BBAJ TJ	BLUM OUOT	BOUN OG	OMOL EU	EB Ex / C Ex	✓	FBR	RF		
801	Silent cop. and no dart, 5 secs, m→F approach, and Es interfered by making attack one to TJ by kicking and he fled screaming, he (ES) continued chasing um who also fled screaming.									CP TJ→um
803	Silent cop. and no dart, 7 secs, m→F approach									CP ES→um
805	Silent cop. and no dart, 5 secs, m→F approach and Es interfered by making non vocal displays and um fled silently.									CP MS→um
808	Silent cop. and no dart, 6 secs m→F approach									CP TU→um
813	KK LK joined the party making non vocal displays and buttress bungs, and others panthooted and barked.									
814	Some IDs made non vocal displays chasing each other in the feeding tree.									

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 23rd MONTH 04 YEAR 09 OBSERVER FmKJTW 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
815	LKKK MS ST TUES BBAJ TJ	UMOU BLOT	BOOG UN	OMOL EU	EB EX /C EX	✓	FBR	RF		
815	KK made non vocal displays chasing some IDs									
	who fled screaming. Then some one approached									
	pant barking and KK mounted him both making									
	soft screams, then ES made non vocal displays									
	chasing UM who fled screaming, and the males,									
	(KK LK TU AJ ST) chased ES who fled screaming									
	and there was a lot of warbarks.									
830	LKKK MS ST TUES BBAJ TJ	UMOU BLOT	BOOG UN	OMOL EU	EB EX /C EX	✓	FBR	RF		
834	LK made non vocal displays and attack one									
	to MS by slapping and he fled screaming to KK,									
	extending a hand but he ignored him. LK									
	continued displaying and some IDs fled pantbarking.									
838	MS grooming KK.									
843	Silent cop. and no dart, 6secs, M → F approach									CP KK → UM
	then KK inspected her by smelling on the Estrous.									
844	BB grooming KK.									
845	LKKK MS ST TUES BBAJ TJ	UMOU BLOT	BOOG UN	OMOL EU	EB EX /C EX	✓	FBR	RF		
846	BB made attack one to UM by slapping and									
	she 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 23rd MONTH 04 YEAR 09 OBSERVER FmKJSm TW 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
847	Silent Cop. and no dart, 7secs, m→					F	approach			CP BB→UM
853	Silent Cop. and no dart, 5secs, m→					F	approach			CP MS→UM
858	TU grooming KK.									
900	LUKE MSST TUES BBAJ TJ	BLUM OLOT	BOOG UM	OMOL EU	EB Ex / CEx		FBR	RF		
900	Silent cop. and no dart, 9secs, m→					F	approach			CP TU→UM
906	ST grooming KK.									
907	Hand clasp mutual groom									HCG ST⇆KK
908	ST Self grooming.									
911	Hand clasp mutual groom									HCG ST⇆KK
912	ST grooming KK.									
915	LUKE MSST TUES BBAJ TJ	BLUM OLOT	BOOG UM	OMOL EU	EB Ex / CEx		FBR	RF		
917	LK made non vocal displays chasing some one who fled screaming in the feeding tree.									
918	LK made non vocal displays then left the feeding tree followed by KK BBAJ.									
918	EU was heard coughing very much.									
919	Chain grooming	AJ→	KK→		BB.					
921	KK LK made vocal displays and buttress bangs, but no one responded.									

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 23rd MONTH 04 YEAR 09 OBSERVER TW FmKJsm 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
922	kk grooming BB and LK grooming AJ.									
923	BB grooming ST.									
924	Chain grooming kk→BB→ST.									
929	AJ grooming LK.									
930	LKKK MSST TUES BBAJ TJ	BLUM QUOT	BOOG UN	OMOL EM	EB5 /C5	✓	FBR	RF	ROC	
932	kk grooming ST.									
935	MS ST grooming BB.									
937	MS grooming kk and ST grooming BB.									
939	Hand clasp mutual groom									HCG MS⇆kk
941	kk grooming MS.									
943	LK made non vocal displays but no one responded.									
945	Cop. with screams but no dart, 5secs.						M→F	approach.		CP LK→UM
945	LKKK MSST TUES BBAJ TJ	BLUM QUOT	BOOG UN	OMOL EM	EB5 /C5	✓	FBR	RF	ROC	
945	kk grooming AJ and LK grooming UN.									
947	LK grooming UM and MS grooming kk.									
947	MS TU grooming kk.									
948	Hand clasp mutual grooming									HCG TU⇆kk.
949	TU grooming kk.									
950	kk 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 23rd MONTH 04 YEAR 09 OBSERVER Fm TW KJSM 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
951	TU KK grooming MS.									
954	BB made non vocal displays and attack one									
	to UM by kicking and she screamed but didn't avoid.									
955	Silent cop. and no dart, 9secs, M→F approach									CP BB→UM
956	Silent cop. and no dart, 6secs, M→F approach									CP MS→UM
957	TU grooming BB.									
958	AJ grooming KK.									
959	KK grooming AJ.									
1000	LK KK MS ST BB AJ TU ES TJ	BL UM OU OT	BO UN OG	OM OL EU	EB Ex /C Ex				RDC	
1000	BO playing with UN by wrestling.									
1003	Silent cop. and no dart, 7 secs, M→F approach									CP ST→UM
1004	LK grooming AJ.									
1006	Chain grooming, BB→KK→TU.									
1007	TU grooming KK and AJ grooming LK.									
1008	KK grooming BB.									
1009	Hand clasp mutual groom									Hcg TU⇄LK
1010	Chain groom AJ→KK→LK→TU.									
1011	AJ grooming KK and LK grooming TU.									
1014	Hand clasp mutual groom									Hcg KK⇄AJ

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 23rd MONTH 04 YEAR 09 OBSERVER TW FmKJSm Found: © FT FFT N Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (include estrous)	JMM (Juveniles and Infants)	JFF						
1015	LkKkMSSTBBAJTUESTJ	BLUMOUOT	BOUN09	EUOMOL	EBS/CES					
1015	TU Lk grooming ST.									
1016	TU grooming Kk									
1017	Kk grooming BB.									
1018	Hand clasp mutual groom									HCG Kk ⇄ BB
1019	MS grooming Kk.									
1020	Lk grooming MS.									
1021	Chain groom TU → Lk → MS.									
1022	Kk made vocal displays and buttress bangs,									
	and others pant hooted.									
1024	TU playing with UN by biting									AP
1026	Kk ES made vocal displays and buttress bangs,									
	and others war barked.									
1030	LkKkMSSTBBAJTUESTJ	BLUMOUOT	BOUN09	EUOMOL	EBS/CES					
1030	Kk made non vocal displays and MS casual avoided									
	pant barking, and UM also fled into the tree									
	pant barking.									
1038	Lk Kk made non vocal displays and Lk made									
	attack one to MS by kicking and he fled screaming.									
	Lk continued displaying and MS Kk vehicle									

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 23rd MONTH 04 YEAR 09 OBSERVER FM TW KJSM Found: © FT FFT N Other_____

Time	Party Composition				Loc	F	SP	PT	MNK	BEH CODE
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
	screaming and mounted him.									
1043	Lk made non vocal displays and Lk AJ joined him									
	and AJ chased um who ran into the tree pant barking.									
1045	LkKkMSSTBBAJTUESTJ	BLUM QUOT	BOOG UN	EU OMOL	S/K'TO					
1050	OU family moved away.									
1100	LkKkMSSTBBAJTUESTJ	BLUM	BOUN	EU	S/K'TO	✓	FCP	UF		
1103	BB made non vocal displays and buttress bumps,									
	and others warbarked.									
1108	Lk made non vocal displays to MS who fled									
	screaming and um also fled pant barking.									
1112	MS approached Lk making soft screams and									
	he (Lk) mounted then groomed him.									
1113	Lk made non vocal displays chasing MS TJ									
	who fled screaming then warbarked.									
1115	LkKkMSSTBBAJTUESTJ	BLUM	BOUN	EU	S/K'TO	✓	FCP	UF		
1130	LkKkMSSTBBAJTUESTJ	BLUM	BOUN	EU	4	✓	4	4		
1145	LkKkMSSTBBAJTUESTJ	BLUM	BOUN	EU	M	✓	FCP	UF		
1148	Chimps leaving the feeding tree.									
1200	LkKkMSSTBBAJTUESTJ	BLUM	BOUN	EU	S/K'TO					

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 23rd MONTH 04 YEAR 09 OBSERVER TW Fm KTS Sm 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						
1207	TJ grooming LK.									
1214	MS grooming UM.									
1215	LUKU MSST TUES BBAJ TJ	BLUM	BOUN	EU	S/K'TO					
1230	LUKU MSST TUES BBAJ TJ	BLUM	BOUN	EU	4					
1230	Hand clasp mutual groom									HCG AJ⇆BB.
1232	AJ grooming BB.									
1238	Hand clasp mutual groom									HCG KK⇆AJ
1239	Silent cop. and no dart, 7 secs, m→F approach and									CP BB→UM
	UM interfered by hitting BB on the chest.									
1241	TJ grooming BB.									
1245	LUKU MSST TUES BBAJ TJ	BLUM	BOUN	EU	S/K'TO		THN	THN		
1249	ST grooming KK.									
1251	KK grooming ST.									
1254	ST grooming KK.									
1258	KK approached ES who pant grunted but he ignored.									PTG
1259	Heard distant calls from the west of K14 and									
	BB made vocal displays attack one to UM by									
	kicking and others war barked.									
1300	LUKU MSST TUES BBAJ TJ	BLUM	BOUN	EU	S/K'TO					

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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

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KPC Behavior

DAY 23rd MONTH 04 YEAR 09 OBSERVER Fm TW KJSm 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
1302	LK grooming AJ.									
1304	mutual groom but not hand clasp									LK ⇄ AJ
1306	AJ grooming LK									
1312	Heard distant calls from the west again and this party panthooted.									
1314	PG PB NPLR joined the party and some IDs made vocal displays and BB made attack to ST by kicking and he fled screaming as the others warbarked. ST retaliated chasing BB who fled making non vocal displays and chased PG who fled pantbarking.									
1315	LKKK TUES MSST BBAJ TJ PG PB	BL UM LR	BOUN LO	NPEU	S/KTO					
1318	Silent cop. and no dart, 5secs, M→F approach and ST interfered by slapping MS once but he didn't stop. Immediately after cop. MS made attack one to ST by kicking and ST TU chased MS while warbarking and he fled screaming. BB also chased and made attack one to UM by kicking and she screamed but didn't avoid.									CP MS→UM
1319	Cop. with screams and dart, 8secs, M→F approach and no interference.									CP PG→UM

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 23rd MONTH 04 YEAR 09 OBSERVER Fm TW KJ Sm 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
1445	LKKK MSST BBAJ TUES PGPB TJ	BLUM LR	BOLO UN	NP EU	S/KTO					
1451	AJ grooming BB.									
1452	Chain grooming AJ → ST → BB.									
1452	ST made non vocal displays and BBAJ MS TU									
	joined him with vocal displays and UM casually									
	avoided screaming while PB fled pant-barking.									
1500	LKKK MSST BBAJ TUES PGPB TJ	BLUM LR	LOBO UN	NP EU	S/KTO					
1503	Um feeding on ANT young leaves.									
1511	ST MS also feeding on ANT young leaves.									
1515	LKKK MSST BBAJ TUES PGPB TJ	BLUM LR	LOBO UN	NP EU	S/KTO	✓	ANT	UL		
1517	Silent cop. and no dart, 7 secs, M → F approach									CP TU → UM
	and no interference.									
1520	Silent cop. and no dart, 6 secs, M → F approach and									CP BB → UM
	UM interfered by pushing BB.									
1523	TU grooming AJ.									
1530	TJ LKKK MSST BBAJ TUES PGPB	BLUM LR	LOBO UN	EUNP	S/JG					
1531	TU grooming BB.									
1534	ES approached UM for cop. but KK ST BB AJ chased									
	and war barked to him and he fled into the tree									
	screaming. The LK also made non vocal displays.									

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 23rd MONTH 04 YEAR 09 OBSERVER Fm KJ Sm TW 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
	Chasing PB who ran into the tree screaming.									
1536	Silent cop. and no dark, 6secs, m→F approach									CP ES→Um
	and no interference.									
1537	Ku made non vocal displays but no one responded.									
1544	Silent cop. and no dark, 5secs, m→F, approach									CP PG→Um
	and ESST interfered by war barking from a distance.									
1545	LuKu MSST BBAJ TUES PGPB TJ	BLUM LR	LOBO UN	ELNP	S/JG	✓	FCP	UF		
1551	Silent cop. and no dark, 3secs, and ESST interfered									
	by attacking Um and together with PB screamed									
	but didn't avoid.									
1556	Ku grooming BB.									
1557	Silent cop. and no dark, 7secs, m→F approach									CP KK→Um
	and no interference.									
1600	TJ LuKu MSST BBAJ TUES PGPB	BLUM LR	LOBO UN	ELNP	S/JG	✓	FCP	UF		
1611	Silent cop. and no dark, 6 secs, m→F approach,									CP ES→Um
	and TUST approached war barking but he didn't stop.									
	When he finished, he made non vocal displays									
	to TUST who war barked and he fled screaming.									
1615	LuKu MSST BBAJ TUES PGPB TJ	BLUM LR	LOBO UN	ELNP	S/JG	✓	FCP	UF		

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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

1536 some Ids climbed into FCP and fed on UF.

KPC Behavior

DAY 23rd MONTH 04 YEAR 09 OBSERVER Fm TW KJ Sm 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
1615	Silent Cop. and no dart, 7 secs, M → F approach									CP TU→UM
	and no interference.									
1619	Silent Cop. and no dart, 8 secs, M → F approach									CP BB→UM
	and no interference.									
1630	TJ LUKE MSST BBAJ TUES PB PS PB	BLUM LR	LOBO UN	ELNP	S/JJ	✓	FCP	UF		
1635	BB Self grooming.									
1645	LUKE MSST BBAJ TUES PB PS TJ	BLUM LR	LOBO UN	ELNP	S/JJ	✓	FCP	UF		
1656	PB leaving the feeding tree last.									
1700	LUKE MSST BBAJ TUES PB PS TJ	BLUM	BOUN	ELNP	S/JJ					
1707	PS made non vocal displays, and BB joined him with non vocal displays and buttress bangs chasing									
	ST who fled screaming and others warbarked.									
1711	Some JDS made vocal displays and buttress bangs,									
	and others fled pant barking.									
1713	Someone made vocal displays and buttress bangs,									
	and others warbarked.									
1715	LUKE MSST BBAJ TUES PB PS TJ	BLUM	BOUN	ELNP	S/KTO	✓	TRI	YN		
1716	Someone made vocal displays and buttress bangs,									
	and others pant barked.									

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

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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

1647 LA (LO) took their own direction and left the party.

KPC Behavior

DAY 23rd MONTH 04 YEAR 09 OBSERVER Fm TW KJSM 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
1719	Cop. with screams and dart, 7 secs, M→F approach									CP PB→UM
	and UN interfered by pushing PB while screaming.									
1720	It started drizzling and TJ made non vocal displays									RN/RD
	and PB joined him.									
1727	Chimps climbed into FBR at				EB Ex /C Ex					
1730	LKKK MSST BBAJ TUES PGPB TJ	BLUM	BOUN	EUNP	"	✓	FBR	RF		
1745	LKKK MSST BBAJ TUES PGPB TJ	BLUM	BOUN	EUNP	"	✓	"	"		
1800	LKKK MSST BBAJ TUES PGPB TJ	BLUM	BOUN	EUNP	"	✓	"	"		
1803	Chimps leaving the feeding tree.									
1811	AJ chased ES who fled screaming									
	but no one respond.									
1815	LKKK MSST BBAJ TUES PGPB TJ	BLUM	BOUN	EUNP	EB Ex /C Ex	✓	CAF	YL		
1817	LK made non vocal displays and MS casually									
	and silently avoided.									
1822	KK made non vocal displays and LK joined him.									
	BB AG casually and silently avoided KK while									
	LK chased TJ who ran into the tree screaming.									
1823	Silent cop. and no dart, 6 secs, M→F approach									CP ES→UM
	and the males interfered by war barking from									
	the ground.									

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KPC Behavior

DAY 23rd MONTH 04 YEAR 09 OBSERVER Fm TW KJSm 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
1825	It started raining heavily and									RN
	chimps stayed on ground.									
1828	ST building a night nest, 7m high,									
	DBH 12 cm (E) sp. Techlea.									
1830	LKKK MSST BBAJ TUES PSPB TJ	BLUM	BOUN	EUNP	EB Ex /C Ex					
1838	Obs leaving the chimps when it continued									
	raining. Most of the chimps have not									
	yet nested.									

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

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