DAY 29th MONTH 04 YEAR 09 OBS-PC Fm TMF/40 BP 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	GRID	MNK	SP	PT
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10:30	X	X			X		X	X	X	X	X	X														X	X														X	X		F/28	None	THV	THV
10:45	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				"	"
11:15	X	X			X		X	X	X		X	X														X	X														X	X				THV	THV
11:30	X	X			X		X	X	X		X	X														X	X														X	X				—	—
11:45	X	X			X		X	X	X		X	X														X	X														X	X				—	—
12:00	X	X			X		X	X	X	X	X	X														X	X														X	X				THV	THV
12:15	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				"	"
12:45	X	X			X		X	X	X	X	X	X														X	X														X	X		F/28	None	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				
13:00	X	X			X		X	X	X	X	X	X														X	X														X	X		F/28	None	THV	THV
13:15	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		E/27		CAT	CAT
13:45	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				—	—
14:15	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				—	—
14:45	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				SEL	RF
15:15	X	X			X		X	X	X	X	X	X														X	X														X	X				THV	THV
15:30	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				CAF	YL
16:00	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				"	"
16:30	X	X			X		X	X	X	X	X	X														X	X														X	X				CAF	YL
16:45	X	X			X		X	X	X	X	X	X														X	X														X	X				THV	THV
17:00	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				"	"
17:30	X	X			X		X	X	X	X	X	X														X	X														X	X				THV	THV
17:45	X	X			X		X	X	X	X	X	X														X	X														X	X				FST	UF
18:00	X	X			X		X	X	X	X	X	X														X	X														X	X				CAF	YL
18:15	X	X	X		X		X	X	X	X	X	X														X	X														X	X		F/27	None	FST	UF
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	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	GRID	MNK	SP	PT
Health	1	1	4		4		4	1	4	1	1	1														2	1														1	2					

COMMENTS BB PG sustained injuries during a fight over UM. UM EU were heard coughing. MS also had a spear wound.

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

NO monkeys encountered. SEL = Salacia elegans.

Um (3)

KPC Behavior

DAY 29th MONTH 04 YEAR 09 OBSERVER Fm 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						
1023	Obs found chimps feeding on THV, far away,									
	North of Mjuguta bridge.									
1030	LUKU BB AJ PB MSST TU ES TJ PG	UM	UN	NP EM	Mjuguta off Trail	✓	THV	THV		
1031	PB approached UM for Cop. but the males									
	were barked at him in her view and he fled screaming									
1044	Someone made attack one to PB by kicking									
	and he fled screaming as the others were barked.									
1045	PB LUKU BB AJ MSST TU ES PG TJ	UM	UN	NP EM	Mjuguta off Trail	✓	THV	THV		
1046	BB grooming AJ.									
1047	MS' wound is steadily recovering though									
	some stitches are still intact.									
1052	PB self grooming.									
1100	MSST LUKU BB AJ PB PG TU ES TJ	UM	UN	NP EM	Mjuguta off Trail	✓	THV	THV		
1115	MSST LUKU BB AJ TU ES PG PB TJ	UM	UN	NP EM	〃	✓	〃	〃		
1130	MSST LUKU BB AJ TU ES PG PB TJ	UM	UN	NP EM	〃					
1145	TJ MSST LUKU BB AJ TU ES PG PB	UM	UN	NP EM	〃					
1152	TU grooming BB.									
1153	BB grooming ST.									
1200	MSST LUKU BB AJ TU ES PG PB TJ	UM	UN	NP EM	Mjuguta off Trail	✓	THV	THV		

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 29th MONTH 04 YEAR 09 OBSERVER Fm 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
1209	ST grooming BB.									
1215	LKKK BBAJ MSST PGPB TUES TJ	UM	UN	NP EU	Njuguta off Trail	✓	THV	THV		
1216	BB grooming ST									
1220	Silent cop. and no dart, 7 secs, F→M approach,									CP ST→UM
	No interference and ST inspected by smelling on the Estrous.									
1230	LKKK BBAJ MSST PGPB TUES TJ	UM	UN	NP EU	Njuguta off Trail	✓	THV	THV		
1233	Cop. with screams, 2 secs, M→F approach, and TU ST									CP PB→UM BBAJ
	KK interfered chasing and barking to PB who									
	fled screaming. UM also screamed but didn't avoid.									
1234	Cop. with screams and no dart, 5 secs, NO interference,									CP BB→UM
	M→F approach.									
1236	TU grooming MS.									
1237	PG approached UM for copulation and TU ST									MSAJ
	BB LKKK chased and attacked him seriously,									
	and he fled screaming.									
1239	Some one was chased in poor view and he									
	fled screaming as the others war barked.									
1245	LKKK BBAJ MSST PGPB TUES TJ	UM	UN	NP EU	Njuguta off Trail	✓	THV	THV		
1300	LKKK BBAJ MSST PGPB TUES TJ	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

ML ③

KPC Behavior

DAY 29th MONTH 04 YEAR 09 OBSERVER FmBP 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
1315	TJ LKKK BBAJ MSST TU ES PG PB	UM	UN	NPEU	Njuguta Off Trail	✓	THV	THV		
1328	PG feeding on Jasminum young leaves.									UNF
1328	PG was seen with a fresh wound on his									
	left wrist. He probably got it when he									
	was attacked by the males.									
1329	STMS BBAJ LKKK TU UMUN feeding on caterpillars.									UNF
1330	LKKK BBAJ MSST TU ES PG PB TJ	UM	UN	NPEU	Njuguta Off Trail	✓	CAT	CAT		
1335	It started raining and chimps did nothing									RN
1338	Some one approached UM for copulation and									
	ST MS BBAJ TU KK LK made vocal displays, screams									
	and warbarks. UM also screamed									
	but didn't avoid.									
1339	TU grooming MS and AJ grooming BB.									
1340	LK made vocal displays and attack one to									
	ST by kicking, then MS mounted BB and									
	made soft screams, while AJ TU KK made									
	vocal displays and warbarks.									
1340	ML was seen in the party.									
1341	BB made vocal displays and AJ LKKK TU joined									
	him, and he (BB) made attack one to 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 29th MONTH 04 YEAR 09 OBSERVER Fm 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
	by kicking and he fled screaming, then									
	AJ mounted BB and both made soft screams.									
1342	BB made vocal displays to ms who fled									
	screaming and others made vocal displays									
	and screams.									
1343	BB made vocal displays to ms who screamed									
	and retaliated kicking him and he (BB)									
	fled screaming as the others made vocal									
	displays and warbarks.									
1345	LKKK BBAJ MSST TUES PGPB TJ	UMMH	UN	NPEU	Mjuguta Off Trail					
1346	LK made vocal displays and MS mounted									
	BB while KK mounted MS.									
1347	BB was seen with a fresh wound which was									
	still bleeding on the mouth.									
1400	LKKK BBAJ MSST TUES PGPB TJ	UMMH	UN	NPEU	Mjuguta Off Trail					
1402	KK made vocal displays and LK MS AJ TU									
	BB ST joined him, then AJ TU BB all made									
	attack one to UM by kicking, and she									
	retaliated while screaming and chased AJ who									
	fled silently into the 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 29th MONTH 04 YEAR 09 OBSERVER FmBP 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
1407	Um was heard coughing very much. (productive).									
1415	LKKK BBAJ MSST TUESPB PGTJ	UM ML	UN	NPEU	Njuguta off trail					
1427	Lk grooming kk.									
1430	TJ LKKK BBAJ MSST TUESPB	UM ML	UN	NPEU	Njuguta off trail					
1434	EU was heard coughing. (productive).									
1440	Lk made non vocal displays and BBTU									
	AJST casually avoided him making soft screams.									
1441	Lk grooming BB and AJ grooming kk.									
1445	LKKK BBAJ MSST TUESPB TJ	UM ML	UN	NPEU	Njuguta off trail					
1448	kk approached um for copulation but AJST TU									
	ms BB made vocal displays chasing him and									
	he fled screaming. Immediately, Lk made attack									
	one to um who retaliated chasing him then									
	TUSTBBAJMS made vocal and warbarks, then									
	kk fled screaming again.									
1449	Cop. with screams but no dart, 8secs, m→F									CP BB→Um
	approach and no interference.									
1450	BB made attack one to TU by kicking and									
	he fled screaming 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 29th MONTH 04 YEAR 09 OBSERVER FmBP 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
1455	Cop. with screams and no alert, 6 secs,						M→F			CP KK→Um
	approach, ST approached them but				did		nothing,			
	and some one made war barks.									
1455	AJ chased Es who ran out of the feeding									
	tree screaming but no one responded.									
1500	LuKK BBAJ MSSTTUESPBPB TJ	Ummm	UN	NPEH	Njuguta Off Trail	✓	CAF SEL	Um RF*		
1511	Cop. with screams and no alert, 3 secs,						M→F	approach		CP AJ→Um
	ST approached them war barking and				others		war barked			
	in poor view, and immediately AJ made						attack one			
	to Um by kicking and she fled screaming.									
1515	LuKK BBAJ MSSTTUESPBPB TJ	Ummm	UN	NPEH	Njuguta Off Trail	✓	THV	THV		
1530	LuKK BBAJ MSSTTUESPBPB TJ	Ummm	UN	NPEH	"	✓	"	"		
1531	Some one	chased	Um who		fled		screaming.			
1534	some IDs	made vocal displays			and		others			
	fled screaming.									
1545	LuKK BBAJ MSSTTUESPBPB TJ	Ummm	UN	NPEH	Njuguta Off Trail	✓	CAF	Um		
1600	LuKK BBAJ MSSTTUESPBPB TJ	Ummm	UN	NPEH	"	✓	"	"		
1615	LuKK BBAJ MSSTTUESPBPB TJ	Ummm	UN	NPEH	"	✓	"	"		
1630	LuKK BBAJ MSSTTUESPBPB TJ	Ummm	UN	NPEH	Njuguta Off Trail	✓	CAF	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

* SEL = Salacia elegans. (climber).

KPC Behavior

DAY 29th MONTH 04 YEAR 09 OBSERVER FmBP 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
1645	LKKK MSST TUES BBAJ PGPB TJ	UMML	UN	NPEU	Njuguta off Trail	✓	THV	THV		
1646	Some one made vocal displays and buttress									
	bungs and others warbarked.									
1700	LKKK MSST TUES BBAJ PGPB TJ	UMML	UN	NPEU	Njuguta off Trail	✓	THV	THV		
1711	Some one chased um who fled screaming.									
1714	PB approached um for copulation and some one									
	chased him and he fled screaming.									
1715	LKKK MSST TUES BBAJ PGPB TJ	UMML	UN	NPEU	Njuguta off Trail	✓	THV	THV		
1730	LKKK MSST TUES BBAJ PGPB TJ	UMML	UN	NPEU	"	✓	"	"		
1732	Chimps climbed into FST making food barks,									FBK
	and fed on un ripe fruit.									
1745	LKKK MSST TUES BBAJ PGPB TJ	UMML	UN	NPEU	Njuguta off Trail	✓	FST	UF		
1746	Chimps leaving the feeding tree.									
1749	Chimps climbed into CAF making food barks.									FBK
1758	Cop. with screams and no dart, 7 secs, m→F									CP BB→um
	approach and no interference.									
1800	LKKK MSST TUES BBAJ PGPB TJ	UMML	UN	NPEU	Njuguta off Trail	✓	CAF	YL		
1801	Some one cop. with um in poor view and the others									
	warbarked, ST also approached and copulated with									
	her as the others fought each other in poor view.									

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 29th MONTH 04 YEAR 09 OBSERVER FmBP 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
1802	There was another fight between the males									
	and there was alot of screams and warbarks.									
1804	Es made non vocal displays chasing PB									
	who fled screaming.									
1805	Someone copulated with um and the others fought,									
	then ms fled screaming. AJ made attack one by kicking									
	to TU who fled screaming.									
1808	Someone chased TJ who fled screaming.									
1815	LKKK MSST BBAJ PGPB TUES TJ	ummh	UN	NPEU	Nijing off Trail	✓	FST	UF		
1820	Obs abandoned chimps before nesting									
	because the place is too far.									

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