Column codes (left to right): 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 / time chart (X = present)

Time	GRID	MNK	SP	PT
5:45				
6:00				
6:15				
6:30				
6:45				
7:00				
7:15				
7:30				
7:45	M26	None	FNA	RF
8:00				
8:15				
8:30				
8:45				
9:00		None		
9:15		Blu		
9:30				
9:45				
10:00		BLU	FNA	RF
10:15		X		
10:30		X	—	—
10:45		X	—	—
11:00		X	FNA	RF
11:15		X		
11:30		X		
11:45		X		
12:00	M/26	X	FNA	RF
12:15	L/26	None	—	
12:30	"	"	CAF	YL
12:45	"	"	THV	
13:00	L/26	None	THV	
13:15			"	
13:30			"	
13:45			CAF	YL
14:00			THV	
14:15			CAF	YL
14:30	L/26	None	"	"
14:45				
15:00				
15:15				
15:30				
15:45				
16:00				
16:15				
16:30				
16:45				
17:00				
17:15				
17:30				
17:45				
18:00				
18:15				
18:30				
18:45				
19:00				
19:15				
19:30				
19:45				
20:00				
20:15				
20:30				

Health

COMMENTS MgB and Blu from 1080 - 1200.

KPC Behavior

DAY 26th MONTH May YEAR 09 OBSERVER SMSJTW Found: C (FT) FFT N Other____

LR ① WL ① QT ①

Time	Party Composition AMM	AFF (Include estrous)	JMM JFF (Juveniles and Infants)	Loc	F	SP	PT	MNK	BEH CODE
734	OBS Found chimps in FNA tree feeding at B/27								
741	YB joined the party he made pant hoots Others also responded with pant hoots								
744	Heard distant calls from west of K 14 this party responded with pant hoots								
745	YB	WL QT LR	QV WC LO WC	B/27	✓	FNA	RF	Ø	
750	LR (LO) leaving the feeding tree and moved away								
800	YB	WL QT	WC QV	B/27	✓	FNA	RF	Ø	
815	YB	WL QT	WC QV	u	✓	u	u	Ø	
830	YB	WL QT	WC QV	u	✓	u	u	Ø	
844	It started drizzling and chimps were in a tree feeding								RN
849	YB	WL QT	WC QV	B/27	✓	FNA	RF	Ø	
851	WL (WC) build a day nest and red. tree = Cbu HT = 22M high								
900	YB	QT WL	WC QV	B/27	✓	FNA	RF	Ø	
915	YB	QT WL	WC QV	u	✓	u	u	Ø	
928	It stoped raining								

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 **26th** MONTH **May** YEAR **09** OBSERVER **SMSJ TW** Found: C (FT) FFT N Other _____

BL ① (top left)

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH CODE
930	YB	WL QT	WC QV		B/27	✓	FNA	RF	Blu	
945	YB	WL QT	WC QV		"	✓	"	"	"	
1000	YB	WL QT	WC QV		"	✓	"	"	"	
1015	YB	WL QT	WCQV		"	✓	"	"	"	
1030	YB	WL QT	WC QV		"				Blu MQB	
1045	YB	WL QT	WC QV		"				"	
1100	YB	WL QT	WC QV		"	✓	FNA RF		"	
1104	WL (WC) leaving the nest and entered the feeding tree then feeding									
1109	KK joined who followed by KT then KK made vocal displays and buttress bangs YBWL QT made pant hoots									
1111	KK made vocal displays and buttress bangs WL and QT made pant barks									
1115	KK YB	WL QT	QV WC		B/27	✓	FNA	RF	Blu MQB	
1119	BL BO joined the party they made pant hoots Others also responded with pant hoots									
1122	KK made non vocal displays in a feeding tree QT fled screaming									
1130	KK YB	BL WL QT	BO QV WC		B/27	✓	FNA	RF	Blu MQB	
1145	KK YB	BL WL QT	BO QV WC		"	✓	"	"	"	

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

OTO ① OU ①

DAY __26th__ MONTH __May__ YEAR __09__ OBSERVER __CMS/KT__   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						
1157	Heard distant calls from north of K,14 this									
	Party responded with Pant hoots									
1200	KK YB	BL QT WL	BO WC BN		B/27	√	FNA	RF	Blu mge	
1203	chimps leaving the feeding tree and moving									
	on ground									
1209	chimps joined ST and LK all they made									
	Pant hoots									
1210	chimps made Pant hoots and food barks climbing FBK Bee honey, and the Bee's chassed them KK for made. non vocal displays other fled pant barking									
1215	YB LK KK ST	BL WL QT	BN WC BO		4/28					∅
1225	QT pant grunted to LK he ignored									PTG
1220	WL (WC) feeding on CAF young leaves									
1230	YB KK LK ST	WL BL QT	BO WC BN		4/28	√	CAF	YL		∅
1237	Some individuals entered into THV and started									
	feeding in adense vegetation.									
1243	OU and her family joined together with NP the party they									
	Pant barks others made pant hoots									
1245	LK KK YB ST	OU WL BL QT OT	BO BN WC QG	NP OU OM	4/28	√	THV			∅
1300	LK KK YB ST	OU WL BL QT OT	BO BN WC QG	NP OU OM	B/29	√	n			∅
1315	LK YB KK ST	OU OT BL WL	BO WC QN QG	NP OU OM	n	√	n			∅
1330	LK YB KK ST	OU OT BL BU WL	BO WC QN QG	NP OU OM	n	√	n			∅

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 26<u>th</u> MONTH <u>May</u> YEAR <u>09</u> OBSERVER <u>SM.STKT</u> 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						
1349	ST LK YB KK	OU WL OT EU BL	BO WE DG EN	NP OLOM	B/29	✓	CAF THV	YL	∅	
1350	chimps separated from others and they moved away we remained with ST and KK									
1400	KK ST				B/29	✓	THV			
1415	KK ST				"	✓	CAF YL	∅		
1430	KK ST				"	✓	"	"	∅	
1440	OBS Abandoned chimps in THV feeding as they move heading into elephants at B/29 Logged area.									

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;
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