DAY 30 MONTH MARCH YEAR 2001 OBS-PC KJ TMF/40 SJ FM TW HOW FOUND N

	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
5:45																																														
6:00																																														
6:15																																														
6:30																																														
6:45																																														
7:00												X											X	X	X																X		M127		THV	THV
7:15												X											X	X	X																X				THV	THV
7:30												X											X	X	X																X				FCP	UF
7:45												X											X	X	X																X		M127		—	—
8:00												X											X	X	X																X		N126		FCP	UF
8:15												X											X	X	X																X				FCP	UF
8:30												X											X	X	X																X				FCP	UF
8:45												X											X	X	X											X	X	X			X				FCX	RF
9:00												X											X	X	X											X	X	X			X					
9:15												X											X	X	X											X	X	X			X			RDT		
9:30												X											X	X	X											X	X	X			X				FCX	RF
9:45												X											X	X	X											X	X	X			X			RDT		
10:00												X											X	X	X											X	X	X			X					
10:15												X											X	X	X											X	X	X			X					
10:30												X											X	X	X											X	X	X			X					
10:45												X											X	X	X											X	X	X			X					
11:00												X											X	X	X											X	X	X			X					
11:15												X											X	X	X											X	X	X			X					
11:30			X				X					X											X	X	X						X	X			X	X	X			X		N126			
11:45			X				X					X											X	X	X						X	X			X	X	X			X		0125			
12:00			X				X					X											X	X	X						X	X			X	X	X			X				ANI	RF
12:15			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					
12:45			X				X					X											X	X	X						X	X			X	X	X			X					
	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
13:00				X				X				X											X	X	X						X	X			X	X	X			X					
13:15				X				X				X											X	X	X						X	X			X	X	X			X				ANI	RF
13:30				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					
14:00				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					
14:30								X				X											X	X	X						X	X			X	X	X			X		0125			
14:45								X				X											X	X	X						X	X			X	X	X			X		P124		MMS	RF
15:00								X				X											X	X	X						X	X			X	X	X			X					
15:15								X				X											X	X	X						X	X			X	X	X			X					
15:30								X				X											X	X	X						X	X			X	X	X			X		P124		MMS	RF
15:45												X											X	X	X						X	X			X	X	X			X		0120		FBR	RF
16:00												X											X	X	X						X	X			X	X	X			X				FBR	RF
16:15												X											X	X	X						X	X			X	X	X			X				FBR	RF
16:30												X											X	X	X						X	X			X	X	X			X					
16:45												X											X	X	X						X	X			X	X	X			X				FBR	RF
17:00												X											X	X	X										X	X	X			X				FCX	RF
17:15												X											X	X	X										X	X	X			X					
17:30																																			X	X	X			X		0120			
17:45			X																												X	X			X	X	X			X		N125		FCX	RF
18:00			X																												X	X			X	X	X			X				FCX	RF
18:15																																			X	X	X			X				FBR	RF
18:30																																			X	X	X			X				FBR	RF
18:45																																			X	X	X			X		N125		—	—
19:00																																													
19:15																																													
19:30																																													
19:45																																													
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	GRID	MNK	SP	PT
Health	1		1				1					1											1	1	1						1	1			1	1	1			1					

COMMENTS: From 1015 to 1130 MGB BAB and RDT were alongside.

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

TG(1) QT(1) WL(1) GPS A

DAY 30th MONTH MARCH YEAR 2009 OBSERVER KJ SJ TW 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						
651	8Bs arrived at the nests and found									
	chimps already out of their nests feeding									
	in THV at the same location									
700	TJ	TG	TT	NPTS	S/K	✓	THV	THV	∅	
715	TJ	TG	TT	NPTS	"	✓	THV	THV	∅	
728	chimps climbed into FCP and started feeding									
	on un ripe fruits									
730	TJ	TG	TT	NPTS	S/K	✓	FCP	UF	∅	
741	chimps coming down from FCP									
745	TJ	TG	TT	NPTS	S/K				∅	
759	chimps climbed into FCP at 21 BFP and									
	started feeding on un ripe fruits.									
800	TJ	TG	TT	NPTS	21 BFP	✓	FCP	UF	∅	
815	TJ	TG	TT	NPTS	"	✓	FCP	UF	∅	
830	TJ	TG	TT	NPTS	"	✓	FCP	UF	∅	
831	chimps coming down from									
833	TS and NP eating red soil from the roots									
	of a fallen tree.									
844	chimps climbed into FCP at HB and started									
	feeding as they joined QT ov WL & WC who were feeding.									

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 30th MONTH MARCH YEAR 2009 OBSERVER KJS JFM TW 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						
845	TJ	TG @T WL	TT @V WC	TS NP	L/13	✓	FEX	RF	∅	
900	TJ	TG @T WL	TT @V WC	TS NP	11	✓	FEX	RF	∅	
915	TJ	TG @T WL	TT @V WC	TS NP	11	✓	FEX	RF	RDT	
930	TJ	TG @T WL	TT @V WC	TS NP	11	✓	FEX	RF	RDT MGB	
935	chimps coming down from FEX.									
941	WL making aday nest in aWA at 6 metres high.									
944	NP making aday nest in BOS at 7 metres high									
945	TJ	TG @T WL	TT @V WC	TS NP	L/13				MGB RDT	
11	@T making aday nest in aBOS @ about 18 cm dbh at 12 metres high.									
945	TG making aday nest in aBOS at 12 metres high									
1000	TJ	TG	TT WC @V	TS NP	L/13				MGB RDT	
1007	WL grooming WC									
015	TJ	TG WL @T	TT WC @V	TS NP	L/13				MGB BAB RDT	
1030	TJ	TG WL @T	TT WC @V	TS NP	11				11	
1045	TJ	TG WL @T	TT WC @V	TS NP	11				11	
1100	TJ	TG WL @T	TT WC @V	TS NP	11				11	
1108	WL (WC) coming down from the day nest									

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 30th MONTH MARCH YEAR 2004 OBSERVER KK SJ FM JW 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
1109	NP coming	down	from	the day rest.						
"	OT coming	down	from a day rest							
1110	TG coming	out of	the day rest.							
1114	NP coming	down	from the day rest							
1115	TJ	TG w/ OT	WC OV TT		J/13				MGB BAB RDT	
"	TJ moved	towards	OT who approached	him						PTG
	pant grunting and groomed him.									
1118	NP playing with	TS by	swinging and							
	touching									
1120	Distant calls were heard at a close range.									
	This party responded with pant barks and									
	pant hoots.									
1121	LRSYB KK joined	the party being	followed by	BP						
1123	TJ approached	KK making	pant barks.	KK made						
	non vocal displays	TJ TG	fled	pant barking						
	and climbed trees.									
1125	TG approached	KK	pant grunting	and groomed						PTG
	him.									
1130	KK YB TJ	LRW OT TG	WC OV TT LO	NPTS	L/13				ROT BAB MGB	
1131	TT feeding	on AFR	pith							

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 30th MONTH MARCH YEAR 2009 OBSERVER ~~KTSJFMTW~~ 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						
1131	KK grooming WL									
1131	WL grooming KK									
1132	LR grooming LO									
1133	LR playing with TT by touching and tickling									AP
	him.									
1136	some one made screams then				KK		made	nor		
	vocal displays LR TT TS fled silently.									
1140	WL feeding on CHT YL.									
1145	KK YB TJ	LR WL @ TG	WC @ V TTLO	NPTS	M/8				Ø	
1147	chimps climbed into Aningeria at M18									
	and made pant hoots.									
1200	KK TJ YB	LR WL @ TG	WC @ V TTLO	NPTS	M/8	✓	ANI	RF	Ø	
1215	KK TJ YB	LR @ WL TG	WC @ V TTLO	NPTS	"	✓	ANI	RF	Ø	
1230	KK TJ YB	LR @ WL TG	WC @ V TTLO	NPTS	"	✓	ANI	RF	Ø	
1245	KK TJ YB	LR @ WL TG	WC @ V TTLO	NPTS	"	✓	ANI	RF	Ø	
1259	LR LO WL WC @ T @ V	coming down					from		ANI	1
1258	KK coming down	from ANI								
1300	KK TJ YB	LR @ WL TG	WC @ V TTLO	NPTS	M/8	✓	ANI	RF	Ø	
1315	KK TJ YB	TG LR WL @ T	WC @ V TTLO	NPTS	"	✓	ANI	RF	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 30th MONTH MARCH YEAR 2009 OBSERVER KJSJFMTW 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						
1324	LO playing with ea by touching one another.									
1330	KK TJ YB	WL OT LRTG	WCAV TTLO	NPTS	M/8	✓	AM	RF	ø	
1332	TG and TS coming down from AM followed by NP.									
1336	WL approached KK pant grunting, KK ignored.									
1345	KK TJ YB	WL OT LRTG	WCAV TTLO	NPTS	M/8				ø	
1350	TS grooming TG									
1400	KK TJ YB	WL OT LRTG	WCAV TTLO	NPTS	M/8				ø	
1403	TG feeding on TRI YL.									
1404	TT playing with NP by chasing one another.									
1407	TS playing with TT by wrestling									
1415	KK TJ YB	WL OT LRTG	CAVWC TTLO	NPTS	M/4				ø	
1417	TG feeding on Sterculia leaves.									
1420	YB went missing and he's out of the party.									
1428	TT grooming TS									
11	TT eating brown soil from the elephant foot print.									
1430	KK TJ	TG WL OT LR	WCAV TTLO	NPTS	B/m				ø	
1437	chimps climbed into nms at Z27 and started feeding on RF									

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 30th MONTH MARCH YEAR 2009 OBSERVER KJSJFMTW 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						
1445	KKTJ	WL@T LRTG	WC@V LOTT	NPTS	Z27	✓	mms	RF	∅	
1500	KKTJ	WL@T LRTG	WC@V LOTT	NPTS	"	✓	mms	RF	∅	
1509	KK coming down from mms									
1513	LR(LO) WL(WO) also coming down from mms.									
1515	KKTJ	WL@T LRTG	WC@V LOTT	NPTS	Z27	✓	mms	RF	∅	
1529	TJ & NP coming down from mms.									
1530	KKTJ	WL@T LRTG	WC@V LOTT		Z27	✓	mms	RF	∅	
1535	TG TT and TS coming down from mms.									
1540	TG TJ TT TS and NP climbed into FBR at Z28 and started feeding on RF.									
1540	KK moved away and he's out of the party.									
1545	TJ	TGWL @TLR	TT@V WLLO	NPTS	Z28	✓	FBR	RF	∅	
1555	TJ coming down from FBR.									
1600	TJ	TGWL @TLR	TT@V WLLO	NPTS	Z28	✓	FBR	RF	∅	
1615	TJ	TGWL @TLR	TT@V WLLO	NPTS	"	✓	FBR	RF	∅	
1618	chimps coming out of the feeding tree (FBR)									
1630	TJ	TGWL LR@T	TT@V WLLO	NPTS	Z28					

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

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1557 - WL approached LR and they made genital rubbing.

KPC Behavior

DAY 30 MONTH MARCH YEAR 2009 OBSERVER KJ SJ FM TW 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						
1632	WL (WC) OV LR LO climbed into FBR and started feeding									
	on ripe fruits									
1640	OT (OV) coming down from FBR									
1645	TJ	WL OT LR TG	WC OV LOTT	TS ND	N/28		FBR	RF	Ø	
1647	WL (WC) coming down from FBR									
1650	LR (LO) coming down from FBR and moved									
	away out of the party.									
1651	WL eating red soil from ahole.									
1657	WL (WC) OT (OV) climbed into FBR at 49/49.									
1700	TJ	WL OT TG	TTWC OV	NPTS	49/49		FBR	RF	Ø	
1709	WL (WC) OT (OV) coming down from FBR.									
1715	TJ	WL OT TG	TTWC OV	NPTS	ZZ/49				Ø	
1717	chimps scattered around and OBs stayed									
	with OT and WL families. others went missing.									
1730		WL OT	WC OV		OF				Ø	
1738	chimps joined LR LO and YB at FI6, WL and									
	OT made pant grunts before YB and he									
	ignored them.									
1740	OT approached YB pant grunting and groomed									PTG
	him.									

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 30th MONTH MARCH YEAR 2009 OBSERVER KJ SJ 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
1742	WL ♀T climbed into FEX at ∈7 and started									
	feeding on RF.									
1745	YB	WL ♀T LR	WC ♂V LO		∈7	✓	FEX	RF	∅	
1800	YB	WL ♀T LR	WC ♂V LO		〃	✓	FEX	RF	∅	
1802	WL (WC) ♀T (♂V) coming down from FEX.									
1802	LR LO and YB went missing and are out of the party.									
1805	WL (WC) ♀T (♂V) climbed into FBR at ∈10									
	and started feeding on RF.									
1815		WL ♀T	WC ♂V		∈10	✓	FBR	RF	∅	
1821	WL (WC) coming out of FBR									
1820	WL entered into an old nest in a									
	BOS of about 21 cm dbh at 12 metres									
	high and improved it									
1830		WL ♀T	WC ♂V		∈10	✓	FBR	RF	∅	
1832	♀T coming out of the feeding tree (FBR).									
1837	♀T started making a night nest in a Diospyros									
	of about 43 cm dbh at 20 metres high.									
1845		WL ♀T	WC ♂V		∈10				∅	
1850	♂s leaving the resting site.									

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