DAY 10th MONTH DEC YEAR '09 OBS-PC Fm FOC-OBS — OTHERS JmTw HOW FOUND N

	SY YU	BB YB	AJ MS	LK KK	PG ES	PB YJ	BL BU	BO MU	MX MN	OU OT	OG OM	OL TG	TT YS	YD UM	UN AL	AT AZ	AN LR	LO WA	WE WL	WC OT	OV RD	ML NP	EU	GRID	MNK	SP	PT
Estrus																											
5:45																											
6:00																											
6:15																											
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8:45																											
9:00																											
9:15					X											X	X								M/26		FCP	RF
9:30					X											X	X											
9:45					X											X	X									Blu		
10:00					X											X	X									"		
10:15					X											X	X									Blu		
10:30					X											X	X											
10:45					X	X										X	X											
11:00																X	X											
11:15																X	X	X		X	X							
11:30																X	X			X	X							
11:45																X	X			X	X							
12:00																X	X			X	X							
12:15																X	X			X	X							
12:30																X	X			X	X							
12:45																X	X			X	X				M/26		FCP	RF
	SY YU	BB YB	AJ MS	LK KK	PG ES	PB YJ	BL BU	BO MU	MX MN	OU OT	OG OM	OL TG	TT YS	YD UM	UN AL	AT AZ	AN LR	LO WA	WE WL	WC OT	OV RD	ML NP	EU				
13:00																X	X	X		X	X				M/26		FCP	RF
13:15																X	X	X		X	X							
13:30																X	X	X		X	X							
13:45																X	X	X		X	X							
14:00																X	X	X		X	X							
14:15																X	X	X		X	X							
14:30																X	X	X		X	X							
14:45																X	X	X		X	X							
15:00																X	X	X		X	X				M/26		FCP	RF
15:15																X	X	X		X	X				N/26		—	—
15:30																X	X	X		X	X						FEx	YL
15:45																X	X	X		X	X						"	"
16:00																X	X	X		X	X						"	"
16:15																X	X	X		X	X				N/26		FEx	YL
16:30																X	X	X		X	X				N/25		—	—
16:45													TG	TT	YS	X	X	X		X	X						FBR	RF
17:00													TG	TT	YS	X	X	X		X	X						"	"
17:15													TG	TT	YS	X	X	X		X	X						"	"
17:30													TG	TT	YS	X	X	X		X	X						FBR	RF
17:45													TG	TT	YS	X	X	X		X	X						—	—
18:00													TG	TT	YS	X	X	X		X	X						—	—
18:15													TG	TT	YS	X	X	X		X	X						—	—
18:30													TG	TT	YS	X	X	X		X	X						—	—
18:45													TG	TT	YS	X	X	X		X	X				N/25		—	—
19:00																												
19:15																												
19:30																												
19:45																												
20:00																												
20:15																												
20:30																												
	SY YU	BB YB	AJ MS	LK KK	PG ES	PB YJ	BL BU	BO MU	MX MN	OU OT	OG OM	OL TG	TT YS	YD UM	UN AL	AT AZ	AN LR	LO WA	WE WL	WC OT	OV RD	ML NP	EU	GRID	MNK	SP	PT
Health					1	1							1	1	1	2	1	1	2	2	1						

COMMENTS AT QT were heard coughing while LO WC were heard sneezing.

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

AL ①

KPC Behavior

Day 10th Month DEC Year 2009 KPC Fm Others JFm Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
905	Chimps	separated and	Fm JM	stayed with						
	PG and	AL family.								
915	PG	AL	ATAZ	AM	B/27	✓	FCP	RF		
930	PG	AL	ATAZ	AM	"	✓	"	"		
945	PG	AL	ATAZ	AM	"	✓	"	"	Blu	
1000	PG	AL	ATAZ	AM	"	✓	"	"	"	
015	PG	AL	ATAZ	AM	B/27	✓	FCP	RF	"	
1016	AL (AM) left the	feeding	tree and	moved						
	into an	old day	nest.							
1016	AT was	heard	coughing.							
1017	AT	grooming	PG.							
1019	PG	grooming	AL.							
1023	AT	grooming	PG.							
1030	PG	AL	ATAZ	AM	B/27	✓	FCP	RF		
1031	PB	joined the	party and	made	NND	and	ground	steps		

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Context	Height T or G
1031	PB		11secs					None							Reunion	G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **ELE**: Elephants; **FBK**: Food Bark; **HCG**: Hand-clasp groom; **HNY**: Honey
IGI: Intergroup interaction; **LF**: Leaf use; **MAT**: Monkeys attack; **PIG**: Pigs; **Pred**: Predation; **PTG**: Pant-grunt; **RN**: Rain
RD: Rain display; **SOIL**: Eating red soil; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

QT① LR① WR①

KPC Behavior

Day 10th Month 12 Year 2009 KPC Fm Others — Found M

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1038	PG PB made joint non vocal displays and									
	PB made ground slaps.									
1045	PG PB	AL	AT AZ	AM	B/27	✓	FCP	RF		
1052	PG PB	moved away and left the party.								
1100		AL	AT AZ	AM	B/27	✓	FCP	RF		
1102	QT LR WR families joined the party.									
1108	LR chased AT who fled screaming									
	in the feeding tree.									
1112	QT was heard coughing. (wet cough).									
1115		QT AL LR WR	AT AZ WR QV LO	AM	B/27	✓	FCP	RF		
1120	It started raining.									RN
1130		QT AL WR LR	AT AZ WR LO QV	AM	B/27	✓	FCP	RF		
1145		QT AL WR LR	AT AZ WR LO QV	AM	〃	✓	〃	〃		
1200		QT AL WR LR	AT AZ WR LO QV	AM	〃	✓	〃	〃		
1215		QT AL WR LR	AT AZ WR LO QV	AM	B/27	✓	FCP	RF		

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD Duration	NvD	Chase	Attack 1	2	3	Victim ID	Response of Victim No	Av	Submission	Tn	Rt	RA	Context	Height T or G
1108	LR			4sec				AT		F	✓				food competition	T

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **ELE**: Elephants; **FBK**: Food Bark; **HCG**: Hand-clasp groom; **HNY**: Honey
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RD: Rain display; **SOIL**: Eating red soil; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

Day 10th Month DEC Year 2009 KPC Fm Others — Found M

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1230		QT, AL, WLLR	ATAZ, WCLO, BN	AN	B/27	✓	FCP	RF		
1230	QT building a day nest in the feeding tree.									
1244	WK building a day nest.									
1245		QT, AL, WLLR	ATAZ, WCLO, BN	AN	B/27	✓	FCP	RF		
1300		QT, AL, WLLR	ATAZ, WCLO, BN	AN	〃	✓	〃	〃		
1313	We stopped timing.									
1315		QT, AL, WLLR	ATAZ, WCLO, BN	AN	B/27	✓	FCP	RF		
1322	QT, AZ	Leaving the day nests.								
1324	LR (LO)	Leaving the day nest.								
1328	WK leaving the day nest.									
1329	AL (AN)	Leaving the day nest.								
1330		QT, AL, WLLR	ATAZ, WCLO, BN	AN	B/27	✓	FCP	RF		
1345		QT, AL, WLLR	ATAZ, WCLO, BN	AN	〃	✓	〃	〃		
1354	LO was heard sneezing.									
1358	WC was also heard sneezing.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

AP: Adult play; **CP**: Copulation; **CY**: Carry; **DR**: Drink; **ELE**: Elephants; **FBK**: Food Bark; **HCG**: Hand-clasp groom; **HNY**: Honey
IGI: Intergroup interaction; **LF**: Leaf use; **MAT**: Monkeys attack; **PIG**: Pigs; **Pred**: Predation; **PTG**: Pant-grunt; **RN**: Rain
RD: Rain display; **SOIL**: Eating red soil; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

Day 10th Month DEc Year 2009 KPC Fm Others ~ Found M

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1400		QTAL WLHR	ATAZ WCLO BN	AN	B/27	✓	FCP	RF		
1415		QTAL WLHR	ATAZ WCLO BN	AN	"	✓	"	"		
1425	Hand	clasp	mutual	groom	AL⇆	AT				HCG
1427	AL	grooming	AT.							
1430		QTAL WLHR	ATAZ WCLO BN	AN	B/27	✓	FCP	RF		
1443	QT WLHR	families	moved	away	and	left	the	party.		
1445		AL	ATAZ	AN	B/27	✓	FCP	RF		
1500		AL	ATAZ	AN	"	✓	"	"		
1503	Chimps	started	moving	.						
1507	AL, AT	eating	black soil	from	the	ground.				
1515		AL	ATAZ	AN	F/21					
1516	Chimps	climbed	into	FEX	at	"				
1530		AL	ATAZ	AN	"	✓	FEX	YL		
1545		AL	ATAZ	AN	"	✓	"	"		
1600		AL	ATAZ	AN	F/21	✓	FEX	YL		

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full

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RD: Rain display; **SOIL**: Eating red soil; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events
PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

TS①

KPC Behavior

Day 10th Month DEC Year 2009 KPC Fm Others — Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1615		AL	ATAZ	AN	F/21	✓	FEX	YL		
1624	Chimps leaving the feeding tree.									
1630		AL	ATAZ	AN	F/19					
1634	AL eating brown soil from the roots.									SOIL
1643	The party joined WLLR QT and TG families									
	in FBR at Q/9, being followed by JMTW.									
1645		TGAL WLLR QT	TTAZAT WC QW LO	TDTS AM	Q/9	✓	FBR	RF		
1700		QT TG WLLR AL	TTAZAT WC QW LO	TDTS AM	"	✓	"	"		
1715		QT TG WLLR AL	TTAZAT WC LO QW	TDTS AM	Q/9	✓	FBR	RF		
1726	LR moved into an old nest and started improving									
	it, 10 m high, DBH 17 cm (E) sp. Dombeya.									
1730		QT TG WLLR AL	TTAZAT WC LO QW	TDTS AM	Q/9	✓	FBR	RF		
1745		QT TG WLLR AL	TTAZAT WC LO QW	TDTS AM	"					
1746	AL building a night nest, 12 m high, DBH									
	27 cm (E) sp. Dombeya.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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KPC Behavior

Day 10th Month DEC Year 2009 KPC Fm Others JmTw Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1747	AT building a night nest, 12 m high,									
	DBH 23 cm (E) sp. mms.									
1800		T9AL WL LR QT	TTAZAT WCLO QV	TDTS AN	Q/9					
1815		T9AL WL LR QT	TTAZAT WCLO QV	TDTS AN	"					
1830		T9AL WL LR QT	TTAZAT WCLO QV	TDTS AN	Q/9					
1845		T9AL WL LR QT	TTAZAT WCLO QV	TDTS AN	"					
1852	Obs leaving the nest site.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim	Response of Victim						Context	Height
		Duration			1	2	3	ID	No	Av	Submission	Tn	Rt	RA		T or G

Copulation

Time	Duratio	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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RD: Rain display; **SOIL**: Eating red soil; **STK**: Stick use; **TLU**: Tool use; **UNF**: Unusual food; **Q**: Other unusual events

PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)