DAY 16th MONTH 12 YEAR '09 OBS-PC Fm FOC-OBS — OTHERS JR Fc HOW FOUND N

	ST YU	BB YB	AJ MS	LK KK	PG ES	PB YJ	BL BU	BO MU	MX MN	OU OY	OG OM	OL TG	TY TS	TO UM	UN AL	AT AZ	AN LR	LO WA	WE WL	WC OT	OV RD	ML NP	EU	GRID	MNK	SP	PT
Estrus															I												
5:45																											
6:00																											
6:15																											
6:30					X											X						X		M/26	BLu	FcP	RF
6:45					X											X						X					
7:00					X											X						X					
7:15					X											X						X					
7:30					X											X						X			BLu		
7:45					X											X						X					
8:00					X											X						X					
8:15					X											X						X					
8:30																X						X					
8:45																X						X			MGb		
9:00																X						X					
9:15																X						X					
9:30																X						X					
9:45																X						X					
10:00																X						X					
10:15																X						X					
10:30																X						X			MGb		
10:45																X						X					
11:00																X						X					
11:15																X						X					
11:30																X						X					
11:45																X						X				FcP	RF
12:00																X						X				—	—
12:15																X						X				FcP	RF
12:30																X						X		M/26		—	—
12:45																X						X		N/26		FEx	YL
	ST YU	BB YB	AJ MS	LK KK	PG ES	PB YJ	BL BU	BO MU	MX MN	OU OY	OG OM	OL TG	TY TS	TO UM	UN AL	AT AZ	AN LR	LO WA	WE WL	WC OT	OV RD	ML NP	EU				
13:00																X						X		N/26		FEx	YL
13:15																X						X				"	"
13:30																X						X				FEx	YL
13:45																X						X				—	—
14:00																X						X				—	—
14:15																X						X				—	—
14:30																X						X				—	—
14:45																X						X				—	—
15:00																X						X				COA	RF
15:15																X						X				"	"
15:30																X						X				"	"
15:45																X						X				COA	RF
16:00																X										FcP	UF
16:15																X										"	"
16:30																X										"	"
16:45																X										FcP	UF
17:00																X										SMA	Pith
17:15																X										—	—
17:30																X										SCA	UF
17:45																X										"	"
18:00																X										SCA	UF
18:15																X										THV	THV
18:30																X										"	"
18:45																X								N/26		THV	THV
19:00																X								O/26		COA	RF
19:15																X								"		"	"
19:30																											
19:45																											
20:00																											
20:15																											
20:30																											
	ST YU	BB YB	AJ MS	LK KK	PG ES	PB YJ	BL BU	BO MU	MX MN	OU OY	OG OM	OL TG	TY TS	TO UM	UN AL	AT AZ	AN LR	LO WA	WE WL	WC OT	OV RD	ML NP	EU	GRID	MNK	SP	PT
Health					2											2	2 1	1						1				

COMMENTS PG AL-AT were coughing very much.

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 16th Month 12 Year 2099 KPC Fm Others JR Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
620	Obs arrived at the nest site.									
622	PG leaving the night nest.									
628	NP also leaving the night nest.									
629	PG climbed into FCP.									
630	PG	AL	AZAT	NPAN	B/27	✓	FCP	RF	Blu ROT	
635	NP also moved into FCP.									
641	AL's family climbed into the feeding tree.									
645	PG	AL	AZAT	NPAN	B/27	✓	FCP	RF	Blu ROT	
648	AT was heard coughing.									
700	PG	AL	AZAT	NPAN	B/27	✓	FCP	RF	Blu ROT	
705	PG was heard coughing.									
706	AT grooming PG.									
707	PG chased AT who fled panting									
	within the tree.									
715	PG	AL	AZAT	NPAN	B/27	✓	FCP	RF	Blu ROT	

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 16th Month DEC Year 2009 KPC Fm Others TW JR JM Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
730	PG	AL	ATAZ	NPAN	B/27	✓	FCP	RF	Bly ROT	
731	AL grooming AM.									
732	AZ building a day nest in the feeding tree.									
745	PG	AL	ATAZ	NPAN	B/27	✓	FCP	RF		
800	PG	AL	ATAZ	NPAN	B/27	✓	FCP	RF		
810	PG leaving the feeding tree.									
815	PG	AL	ATAZ	NPAN	B/27	✓	FCP	RF		
817	PG moved away and left the party.									
830		AL	ATAZ	NPAN	B/27	✓	FCP	RF		
832	AL grooming AZ.									
837	AZ grooming AL.									
840	AT grooming AL.									
843	AZ grooming AL.									
845		AL	AZAT	NPAN	B/27	✓	FCP	RF	Mgb	
848	AT grooming AL.									

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
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KPC Behavior

Day 16th Month Dec Year 2009 KPC Fm Others TW JR Found N

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
854	NP building a day nest in the feeding tree.									
856	AL grooming AT.									
858	AT grooming AL.									
900		AL	ATAZ	NPAN	B/27	✓	FCP	RF	mgb	
915		AL	ATAZ	NPAN	〃	✓	〃	〃	〃	
917	NP leaving the day nest.									
930		AL	ATAZ	NPAN	B/27	✓	FCP	RF	mgb	
932	It started raining but the chimps continued feeding.				A					RN
945		AL	ATAZ	NPAN	B/27	✓	FCP	RF	mgb	
1000		AL	ATAZ	NPAN	〃	✓	〃	〃	〃	
1015		AL	ATAZ	NPAN	〃	✓	〃	〃	〃	
1030		AL	ATAZ	NPAN	〃	✓	〃	〃	mgb	
1045		AL	ATAZ	NPAN	B/27	✓	FCP	RF		
1058	It stopped raining.									
1100		AL	ATAZ	NPAN	B/27	✓	FCP	RF		

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

Day 16th Month DEC Year 2009 KPC Fm Others TWJR-FC Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1115		AL	AT AZ	NPAN	B/27	✓	Fcp	RF		
1130		AL	AT AZ	NPAN	4	✓	"	"		
1137	AT grooming AL.									
1140	Hand clasp mutual groom AL ⇆ AT.									Hcg
1142	AL grooming AT.									
1143	AT grooming AL.									
1144	AL grooming AT.									
1145		AL	AT AZ	NPAN	B/27	✓	Fcp	RF		
1145	AT grooming	AL.								
1149	AL grooming	AT.								
1150	AZ grooming	AL.								
1151	Chain grooming, AT → AL → AZ.									
1152	AL was heard coughing.									
1155	AZ grooming AL.									
1156	Chain grooming AZ → AL → AT.									

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

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 16th Month DEC Year 2009 KPC Fm Others TW JR FC Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1157	AZ grooming AL.									
1200		AL	ATAZ	ANNP	B/27					
1203	AL grooming AN									
1215		AL	ATAZ	ANNP	B/27	✓	FEP	RF		
1225	Chimps leaving the feeding tree and									
	started moving.									
1229	NP eating red soil from a ground hole.									SOIL
1230		AL	ATAZ	ANNP	B/GLT					
1234	NP drinking water from the stream									DR
	with her mouth.									
1235	Chimps climbed into FEX at				F/21					
1245		AL	ATAZ	ANNP	4	✓	FEX	YL		
1300		AL	ATAZ	ANNP	4	✓	4	4		
1315	.	AL	ATAZ	ANNP	4	✓	4	4		
1330		AL	ATAZ	ANNP	F/21	✓	FEX	YL		

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

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
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KPC Behavior

Day 16th Month DEC Year 2009 KPC Fm Others TWJR Fc Found M

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1340	Al building a day nest.									
1345		Al	ATAZ	NPAN	F/21					
1400		Al	ATAZ	NPAN	"					
1415		Al	ATAZ	NPAN	"					
1430		Al	ATAZ	NPAN	"					
1442	Al (AN) leaving the day nest.									
1445		Al	ATAZ	ANNP	F/21					
1452	Chimps	climbed into COA at			J/23					
1500		Al	ATAZ	ANNP	"	✓	COA	RF		
1515		Al	ATAZ	ANNP	"	✓	"	"		
1530		Al	ATAZ	ANNP	"	✓	"	"		
1545		Al	ATAZ	ANNP	J/23	✓	COA	RF		
1550	Chimps	leaving the feeding tree.								
1559	Chimps	climbed into FCP but			NP	had disappeared				
1600		Al	ATAZ	AN	21/BFD	✓	FCP	UF		

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

Copulation

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

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KPC Behavior

Day 16th Month DEC Year 2009 KPC Fm Others TW JR Fc Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1615		AL	ATAZ	AN	BFP /21	✓	FEP	UF		
1630		AL	ATAZ	AN	〃	✓	〃	〃		
1645		AL	ATAZ	AN	〃	✓	FEP	UF		
1646	Chimps	leaving	the feeding	tree.						
1658	AL	feeding on	SMA pith.							UNF
1700		AL	ATAZ	AN	S /KRD	✓	SMA	pith		
1715		AL	ATAZ	AN	〃					
1718	AL	grooming AZ.								
1728	Chimps	started	feeding on	SCA fruits						
1730		AL	ATAZ	AN	S /KRD	✓	SCA	UF		
1745		AL	ATAZ	AN	〃	✓	〃	〃		
1800		AL	ATAZ	AN	〃	✓	SCA	UF		
1810	Chimps	moved	into THV							
1815		AL	ATAZ	AN	S /KRD	✓	THV	THV		
1830		AL	ATAZ	AN	19 /KRD	✓	〃	〃		

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?)

KPC Behavior

Day 16th Month DEC Year 2005 KPC Fm Others TW JRFc Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1845		AL	AZAT	AN	19/KRD	✓	THV	THV		
1849	AL AT	feeding	on red	soil						Soil
	from the ground.									
1856	Chimps	climbed into	COA at		CT/12.					
1900		AL	AZAT	AN	"	✓	COA	RF		
1915		AL	AZAT	AN	"	✓	"	"		
1916	Obs left the chimps in the feeding									
	tree because it was getting late.									

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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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?)