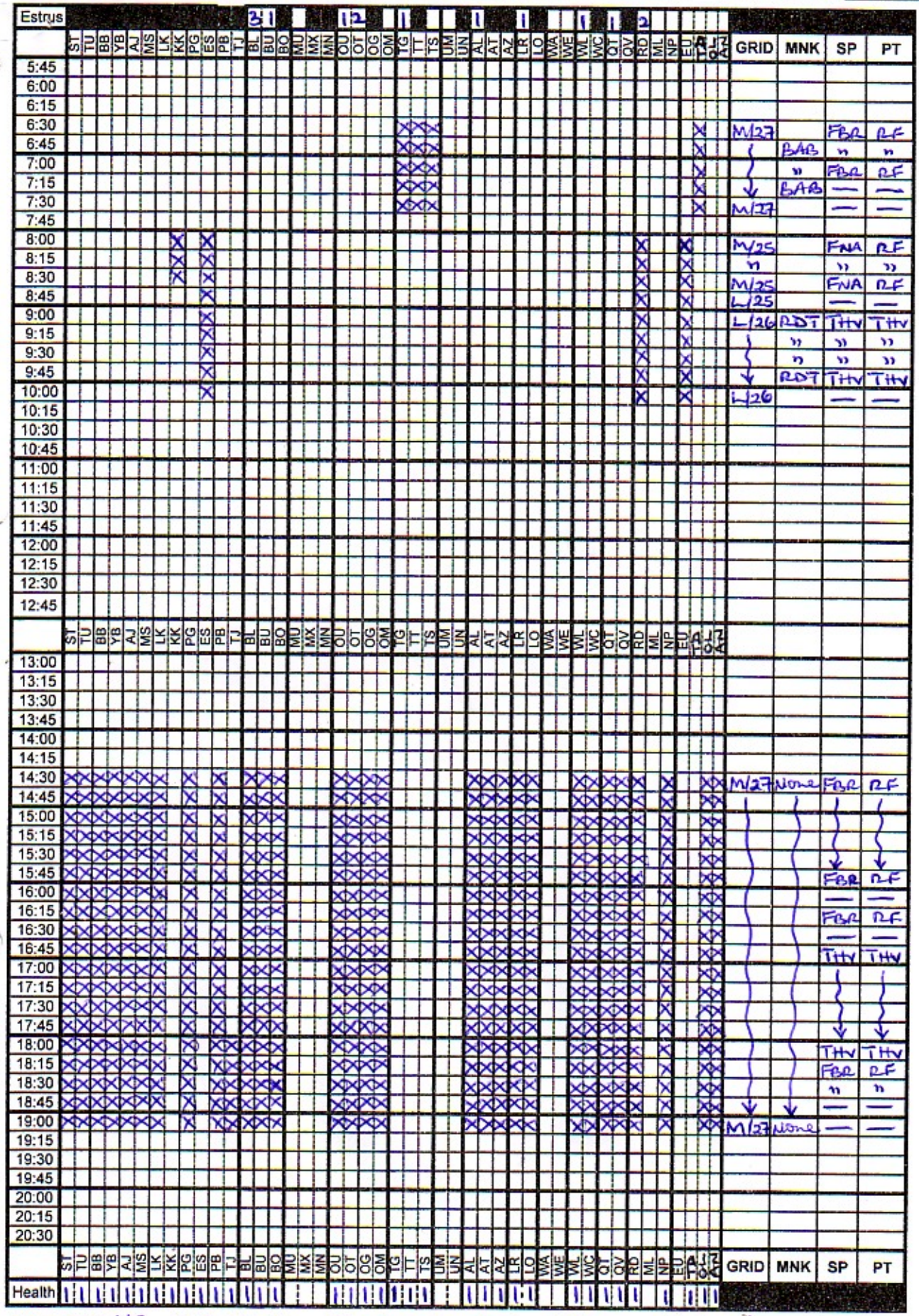
DAY 11th MONTH 10 YEAR 09 OBS-PC Fm TMF/40 — HOW FOUND N



COMMENTS No monkeys encountered when following the big group.

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

T9 ① RD ②

KPC Behavior

Day 11th Month 10 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
625	Obs found chimps	already in the	feeding tree.							
630		T9	TT	TS TD	CEx 1/29	✓	FBR	RF		
645		T9	TT	TS TD	〃	✓	〃	〃	BAB	
700		T9	TT	TS TD	〃	✓	FBR	RF	〃	
713	Chimps	leaving the	feeding tree.							
715		T9	TT	TS TD	CEx 1/29				BAB	
730		T9	TT	TS TD	〃					
735	Chimps	moved	fast and got	lost.						
757	Found	chimps	feeding	on FNA at	V/23.					
800	KK ES	RD		EH	V/23	✓	FNA	RF		
815	KK ES	RD		EH	〃	✓	〃	〃		
830	KK ES	RD		EH	V/23	✓	FNA	RF		
835	Chimps	leaving	the feeding tree	and						PT9
	RD pant grunted	to KK	who	ignored.						

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?)

TG ① RD ②

KPC Behavior

Day 11th Month 10 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
625	Obs found chimps	already in the	feeding	Tree.						
630		TG	TT	TS TD	CEx/29	✓	FBR	RF		
645		TG	TT	TS TD	〃	✓	〃	〃	BAB	
700		TG	TT	TS TD	〃	✓	FBR	RF	〃	
713	Chimps	leaving the	feeding	tree.						
715		TG	TT	TS TD	CEx/29				BAB	
730		TG	TT	TS TD	〃					
735	Chimps	moved	fast and	got lost.						
757	Found	chimps	feeding	on FNA at	V/23.					
800	KK ES	RD		EH	V/23	✓	FNA	RF		
815	KK ES	RD		EH	〃	✓	〃	〃		
830	KK ES	RD		EH	V/23	✓	FNA	RF		
835	Chimps	leaving	the feeding	tree	and					PTG
	RD pant grunted	to KK	who	ignored.						

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?)

AL (1) WL (1) LR (1) QT (1) OU (1) BU (1) OT (2) BL (3)

KPC Behavior

Day 11th Month 10 Year 2009 KPC Fm Others — Found C

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
837	Chimps separated and KU took his own									
	direction.									
845	ES	RD		EU	T/26					
853	Chimps started feeding on THV.									
900	ES	RD		EU	T/28	✓	THV	THV	RDT	
915	ES	RD		EU	"	✓	"	"	"	
930	ES	RD		EU	"	✓	"	"	"	
945	ES	RD		EU	"	✓	THV	THV	RDT	
1000	ES	RD		EU	29 logged area					
1005	Chimps got lost as I followed them									
	through dense vegetation.									
1423	Found chimps again and they were feeding on FBR									
1430	MS AJ BB TU PG PB LK ST YB	BU BL AL OU QT WL LR RD OT	BO AZ AT LO WC QV OG	AN NP OM OL	28 Ex /59	✓	FBR	RF		
1445	MS ST TU BB LK AJ PG PB YB	BU BL QT OU OT WL LR RD AL	BO AZ AT OG LO WC QV	AN NP OM OL	"	✓	"	"		

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 11th Month 10 Year 2009 KPC Fm Others — Found C

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1500	PB MSST TUPS YBBB AJLK	BLBU WLLR DTOTAL RDOU	BOAZ ATLOWC BV09	ANNP OMOU	28Ex /JS	✓	FBR	RF		
1515	MSST TUPS YBBB LKAJ PB	BLBU WLLR OTAL RTOU RD	BOAZ ATLO WC09 BV	ANNP OMOU	〃	✓	〃	〃		
1525	BBAT leaving the feeding tree.									
1525	RD grooming NP.									
1529	MS PS also came down.									
1530	MSST TUPS YBBB LKAJ PB	BLBU WLLR OTAL RTOU RD	BOAZ ATLO WC09 BV	ANNP OMOU	28Ex /JS	✓	FBR	RF		
1531	AT approached PS	pant grunting but		he ignored.						PTG
1533	AT grooming PS.									
1545	MSST TUPS YBBB LKAJ PB	BLBU WLLR OTAL RTOU RD	BOAZ ATLO WC09 BV	ANNP OMOU	28Ex /JS	✓	FBR	RF		
1547	AL chased RD who fled screaming in									
	the feeding tree but no one responded.									
1548	BU grooming NP.									
1550	AL AT chased RD and she fled screaming									
	but no one responded.									
1553	YB grooming LK.									

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
1547	AL			35sec				RD		F	✓				unknown	T
1550	AL AT			45sec				RD		F	✓				unknown	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
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 11th Month 10 Year 2009 KPC Fm Others — Found C

Time	Party Composition: AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1600	MSST TU PG YB BB LK AJ PB	BL BU WL LA OT AL BT OU RD	BO AZ AT LO WC 09 BV	AN ND OM OL	28 Ex / J9					
1602	ST grooming MS.									
1606	LK grooming YB.									
1610	09 grooming OU.									
1611	YB grooming LK.									
1612	LK grooming YB and OU grooming 09.									
1612	OT playing with OM by touch and tickling.									
1614	BB grooming TU.									
1615	MSST TU PG YB BB LK AJ PB	RD BL BU WL LA OT AL BT OU	BO AZ AT LO WC 09 BV	AN ND OM OL	28 Ex / J9	✓	FBR	RF		
1615	Hand clasp mutual groom, BB ⇆ TU									HCG
1616	TU grooming BB.									
1621	AT playing with BO by wrestling.									
1624	Hand clasp mutual groom YB ⇆ ST									HCG
1625	YB grooming ST.									
1627	ST grooming YB.									

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 11th Month 10 Year 2009 KPC Fm Others — Found C

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1627	AJ approached wh who pant grunted									PTG
	but he didn't respond.									
1630	MSST TUBB AJ LK PG PB YB	QUOT BLAL WLLR QT BU RD	BOAZ ATOG WCLO QV	OMOL ANNP	28 Ex /JG					
1633	Chimps moved into THV in the logged area.									
1639	MS chased and made attack one to BL									
	by kicking and she fled screaming but									
	no one responded.									
1645	MSST TUBB LKAJ PB PG YB	QT QUOT BLAL WLLR BURD	BOAZ ATOG WCLO QV	OMOL ANNP	28 Ex /JG	✓	THV	THV		
1650	Some one was chased in dense vegetation and									
	fled screaming but no one responded.									
1658	A Juvenile was chased in poor view and									
	fled screaming as the others waar barked.									
1700	MSST TUBB LKAJ YB PB PG	BLBU WLLR OTAL QTOU RD	BOAZ ATOG WCLO QV	OMOL ANNP	28 Ex /JG	✓	THV	THV		
1715	MSST TUPG YBBB LKAJ PB	BLBU WLLR OTAL QTOU RD	BOAZ ATOG WCLO QV	OMOL ANNP	"	✓	"	"		
1730	MSST TUPG YBBB LKAJ PB	BLBU WLLR OTAL QTOU RD	BOAZ ATOG WCLO QV	OMOL ANNP	28 Ex /JG	✓	THV	THV		

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
1639	MS			3Secs	✓			BL		F	✓				Sex Competetion	9

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 11th Month 10 Year 2009 KPC Fm Others ~ Found C

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1745	MSST TUPG YBBB LKAJ PB	BLBU WLLR OTAL QTOU RD	BOAZ ATOG WCLO QV	OMOL ANMP	28 Ex /JG	✓	THV	THV		
1751	Someone was attacked into poor view and									
	fled screaming but no one responded.									
1754	TJ joined the party.									
1800	MSST TUPG YBBB LKAJ TJPB	BLBU WLLR OTAL QTOU RD	BOAZ ATOG WCLO QV	OMOL ANMP	28 Ex /JG	✓	THV	THV		
1812	Chimps climbed into FBR and made foodbarks									FBK
1815	MSST TUPG YBBB LKAJ TJPB	BLBU WLLR OTAL QTOU RD	BOAZ ATOG WCLO QV	OMOL ANMP	29 Ex /JG	✓	FBR	RF		
1829	Some IDs leaving the FBR.									
1830	MSST TUPG YBBB LKAJ TJPB	BLBU WLLR OTAL QTOU RD	BOAZ ATOG WCLO QV	OMOL ANMP	29 Ex /JG	✓	FBR	RF		
1834	BL building a night nest, 13m high,									
	DBH 27 cm (E) sp. Strombosia.									
1836	TU building a night nest, 6m high,									
	DBH 11cm (E) sp. Techlea.									
1837	ST building a night nest, 11m high,									
	DBH 23 cm (E) sp. Diospyrus.									

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 BEHAVIOUR

DAY: 11th MONTH: 10 YEAR: 2009 KPC: Fm OTHERS: ~ FOUND: C

Time	Party Composition: AMM	Party Composition: AFF (incl. estrous)	Party Composition: JMM (&inf)	Party Composition: JFF (&inf)	Loc	F	SP	PT	MNK	BEH
1840	Some one building a night nest in poor view.									
1845	MSST TUPG YBBB AT WLKA TJ PP	RT BLBU RD WLLR OTAL QU	BOAZ ATOG WCLO QV	OMOL AMNP	29E / 59					
1900	MSST TUPG PP YBBB AT WLKA TJ	RT BLBU RD WLLR OTAL QU	BOAZ ATOG WCLO QV	OMOL AMNP	"					
1902	Obs leaving the nest site.									

Aggression/Received aggression

Time	Aggr. ID	VD	NvD	CHA	Attack 1	Attack 2	Attack 3	Vic ID	Response of victim: No	Av	Tn	Sb	Rt	RA	Behavioural context	T/G
		Duration														

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN 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: inter-group 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?)