DAY 03rd MONTH Dec YEAR 09 OBS-PC SM FOC-OBS FM OTHERS AG KJ 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	OL	TG	TT	TS	TD	UM	UN	AL	AT	AZ	AN	LR	LO	WA	WE	WL	WC	OT	QV	RD	ML	NP	EU	GRID	MNK	SP	PT
Estrus																																																		
5:45																																																		
6:00																																																		
6:15				X	X		X	X				X																		X	X	X	X	X	X										L/23	*	—	—
6:30				X	X		X	X				X																		X	X	X	X	X	X											*	—	—
6:45				X	X		X	X				X																		X	X	X	X	X	X											*	FBR	RF
7:00				X	X		X	X				X																		X	X	X	X	X	X											*		
7:15				X	X		X	X				X																		X	X	X	X	X	X											*		
7:30				X	X		X	X				X																		X	X	X	X	X	X											*		
7:45				X	X		X	X				X																		X	X	X	X	X	X											*		
8:00				X	X		X	X				X																		X	X	X	X	X	X											*		
8:15				X	X		X	X				X																		X	X	X	X	X	X											*		
8:30				X	X		X	X				X																		X	X	X	X	X	X											None		
8:45				X	X		X	X				X																		X	X	X	X	X	X													
9:00				X	X		X	X				X																		X	X	X	X	X	X													
9:15				X	X		X	X				X																		X	X	X	X	X	X													
9:30				X	X		X	X				X																		X	X	X	X	X	X										L/23		FBR	RF
9:45				X	X		X	X				X																		X	X	X	X	X	X										K/23		THV	THV
10:00				X	X		X	X				X																		X	X	X	X	X	X													
10:15				X	X		X	X				X																		X	X	X	X	X	X													
10:30				X	X		X	X				X																		X	X	X	X	X	X													
10:45				X	X		X	X				X																		X	X	X	X	X	X													
11:00					X		X					X																		X	X	X	X	X	X													
11:15					X		X					X																		X	X	X	X	X	X													
11:30					X		X					X																		X	X	X	X	X	X													
11:45					X		X					X																		X	X	X	X	X	X													
12:00					X		X					X																		X	X	X	X	X	X													
12:15					X		X					X																		X	X	X	X	X	X													
12:30					X		X					X																		X	X	X	X	X	X													
12:45					X		X					X																		X	X	X	X	X	X										K/23	None	URH	FL
	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	OL	TG	TT	TS	TD	UM	UN	AL	AT	AZ	AN	LR	LO	WA	WE	WL	WC	OT	QV	RD	ML	NP	EU				
13:00					X		X					X																		X	X	X	X	X	X										K/23	None	URH	FL
13:15					X		X					X																		X	X	X	X	X	X												11	11
13:30					X		X					X																		X	X	X	X	X	X												—	—
13:45					X		X					X																		X	X	X	X	X	X												—	—
14:00					X		X					X																		X	X	X	X	X	X												—	—
14:15					X		X					X																		X	X	X	X	X	X												THV	THV
14:30					X		X					X																		X	X	X	X	X	X													
14:45					X		X					X																		X	X	X	X	X	X													
15:00					X		X					X																		X	X	X	X	X	X													
15:15					X		X					X																		X	X	X	X	X	X													
15:30					X		X					X																		X	X	X	X	X	X													
15:45					X		X					X																		X	X	X	X	X	X													
16:00					X		X					X																		X	X	X	X	X	X													
16:15					X		X					X																		X	X	X	X	X	X											None		
16:30					X		X																										X	X											*		
16:45					X		X																										X	X										K/23	*	THV	THV
17:00					X		X																										X	X										L/23	None	—	—
17:15					X		X																										X	X											LHT	FBR	RF
17:30					X		X																										X	X											11		
17:45					X		X																										X	X											11		
18:00					X		X																	X	X	X	X						X	X											RDT		
18:15					X		X																	X	X	X	X						X	X											11		
18:30					X		X																	X	X	X	X						X	X										L/23	11	FBR	RF
18:45																																																
19:00																																																
19:15																																																
19:30																																																
19:45																																																
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	ST	TU	BB	YB	AJ	MS	LK	KK	PG	ES	PB	TJ	BL	BU	BO	MU	MX	MN	OU	OT	OG	OM	OL	TG	TT	TS	TD	UM	UN	AL	AT	AZ	AN	LR	LO	WA	WE	WL	WC	OT	QV	RD	ML	NP	EU	GRID	MNK	SP	PT
Health					1		1					1												1	1	1	1			1	1	1	1	1	1													

COMMENTS Blu and RDT from 615–630, RDT Blu RDC, 645–815

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

Day 03rd Month Dec Year 09 KPC SM Others Fm KJ TW AG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
748	KK AJ LK YB TJ	LR AL	AI AZ LO	AN	J/800	✓	FBR	RF	RDJ BW RDC	
748	LK grooming AJ									
754	Mutual groom	AJ ⟷ LK								
757	LK grooming AJ									
800	KK AJ LK YB TJ	LR AL	LO AI AZ	AN	J/800	✓	FBR	RF	RDJ BW RDC	
801	Mutual groom	AJ ⟷ LK								
804	AJ grooming LK									
806	Mutual groom	AJ ⟷ LK								
809	AJ grooming LK									
810	LK grooming AJ									
815	KK AJ LK YB TJ	LR AL	LO AI AZ	AN	J/800	✓	FBR	RF	RDJ BW RDC	
816	AJ grooming LK									
818	KK approached	AJ LO	Pant grunted to him							PTG
	he ignored									
819	KK 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

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 03rd Month Dec Year 09 KPC SM Others FMKJTWAG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
821	LK grooming KK									
824	KK grooming LK									
826	Chain groom KK -> LK -> AJ									
827	LR (LO) building a day rest tree = Dosp HT=18M									
829	chain groom AJ -> LK -> KK									
830	LK AJ YB KK TJ	LR AL	LO AT AZ	AN	J/800	✓	FBR	RF	Ø	
832	LK grooming AJ									
833	AJ and KK both grooming LK									
835	LK grooming AJ									
841	chain groom AJ -> LK -> KK									
845	AJ KK LK YB TJ	AL LR	LO AZ AT	AN	J/800	✓	FBR	RF	Ø	
846	AJ grooming LK									
848	chain groom AJ -> LK -> KK									
850	LK grooming KK									
852	KK grooming LK									

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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KPC Behavior

Day 03rd Month Dec Year 09 KPC SM Others FMK TWAG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
856	LK grooming KK									
900	IS WZ LK YB AJ	AL LR	LO AT AZ	AN	T/800	✓	FBR	RF	D	
914	KK AJ	YB leaving the feeding tree								
915	YB AJ LK IS KK	AZ LR	LO AZ AT	AN	T/800	✓	FBR	RF	D	
915	LK leaving the feeding tree and moving									
918	KK approached AJ who pant grunted									PTG
	and groomed									
918	Some ID's entered into Tree and start									
	feeding in adense vegetation									
918	LK grooming YB									
920	Hand clasp Mutual groom YB <-> LK									HCG
922	YB groomed LK after hand clasp									
923	LK grooming YB									
926	KK and LK both grooming YB									
927	Hand clasp Mutual groom KK <-> YB									HCG

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

KPC Behavior

Day 03rd Month Dec Year 09 KPC SM Others FmKJTWAG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
929	KK groomed YB after hand clasp									
930	LK KK AJ YB TJ	LR AL	LO AT AZ	AN	J/800	✓	FBR THV	RF THV	Ø	
930	YB grooming KK									
936	AL grooming TJ and KK grooming YB									
937	Hand clasp mutual groom AL <-> TJ									HCG
938	AL groomed TJ after hand clasp									
943	YB approached LR who pant grunted and									PTG HCG
	they made hand clasp mutual groom									
	YB <-> LR									
944	LR groomed YB after hand clasp									
945	KK AJ LK YB TJ	LR AL	LO AT AZ	AN	J/900	✓	THV	THV	Ø	
945	LR grooming KK									
1000	KK TJ YB LK AJ	LR AL	LO AT AZ	AN	J/900	✓	THV	THV	Ø	
1015	KK TJ YB LK AJ	LR AL	LO AT AZ	AN	"	✓	"	"	Ø	
1016	KK made VD and buttress bungs Made waars						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
1016	KK	8sec						None							Unknown	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
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KPC Behavior

Day 03rd Month Dec Year 09 KPC SM Others FM KJ TW AG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1030	TJ AJ LK YB KK	LR AL	LO AT AZ	AN	J/900	✓	THV	THV	Ø	
1045	TJ LK AJ YB KK	LR AL	LO AT AZ	AN	"	✓	"	"	Ø	
1050	KK and YB left the party and moved									
	away									
1100	TJ LK AJ	AL LR	LO AT AZ	AN	K/MFP	✓	THV	THV	Ø	
1114	LR grooming	LK and AT	grooming AL							
1115	TJ LK AJ	AL LR	LO AT AZ	AN	K/MFP	✓	THV	THV	Ø	
1118	AL and AT both grooming AJ									
1117	LR grooming	LO								
1118	AJ grooming	LK and AL	grooming AT							
1120	Hand clasp	mutual groom	AT ↔ AL							HCG
1120	AT groomed AL after hand clasp									
1121	LK grooming	AJ								
1123	AJ grooming	LK								
1125	AZ and AN LO playing together by touching and making soft bites on each other									

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

KPC Behavior

Day 03rd Month Dec Year 09 KPC SM Others FMKJTWAG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1129	AZ grooming AL									
1130	TJ AJ LK	AL LR	LO AT AZ	AN	K MFP	~	THV	THV	Ø	
1130	LK grooming AJ									
1132	AJ grooming LK									
1133	LR playing with LO where by LR make soft									AP
	bites on LO and tickling him									
1135	AZ grooming AJ									
1136	LO approached LK who embarassed him									
1145	TJ AJ LK	AL LR	LO AT AZ	AN	K MFP	✓	THV	THV	Ø	
1153	Hand clasp mutual groom AJ <-> LK									HCG
1155	LK groomed AJ after hand									
1156	Hand clasp mutual groom AJ <-> LK									HCG
1157	Mutual groom after hand clasp AJ <-> LK									
1159	LK groomed AJ after mutual									
1159	Chimps climbed into URH climber while making food barks and feeding on FLOWERS									FBK

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 03rd Month Dec Year 09 KPC SM Others FIN KJ TWAG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1200	LK AJ TJ	LR AL	LO AT AZ	AN	1Sule MFP	✓	URH	FL	Ø	
1215	LK AJ TJ	LR AL	LO AT AZ	AN	"	✓	"	"	Ø	
1230	LK AJ TJ	LR AL	LO AT AZ	AN	"	✓	"	"	Ø	
1245	LK AJ TJ	LR AL	LO AT AZ	AN	"	✓	"	"	Ø	
1246	AJ build aday nest tree = CBU					HT = 8m				
1300	LK AJ TJ	LR AL	LO AT AZ	AN	1Sule MFP	✓	URH	FL	Ø	
1315	LK AJ TJ	LR AL	LO AT AZ	AN	"	✓	"	"	Ø	
1316	It started drizzling									RN
1318	Chimps climbed down and moving									
1320	LK grooming AJ									
1328	It stopped drizzling									
1330	LK AJ TJ	AL LR	LO AT AZ	AN	1Sule MFP				Ø	
1345	LK TJ AJ	AL LR	LO AT AZ	AN	"				Ø	
1400	LK TJ AJ	AL LR	LO AT AZ	AN	"				Ø	
1415	LK TJ AJ	AL LR	LO AT AZ	AN	2 1Sule	✓	THV	THV	Ø	

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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1318 AJ leaving aday nest

KPC Behavior

Day 03rd Month Dec Year 09 KPC SM Others FM KJ TW AG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1427	LK approached TJ who			pant grunted to him						PTG
	he ignored									
1430	TJ LK AJ	AL LR	LO AT AZ	AN	L/TSule	✓	THV	THV	Ø	
1443	LK feeding on black soil from roots of									
	a fallen tree									
1445	TJ LK AJ	AL LR	LO AT AZ	AN	L/TSule	✓	THV	THV	Ø	
1500	TJ LK AJ	AL LR	LO AT AZ	AN	"	✓	"	"	Ø	
1515	TJ LK AJ	AL LR	LO AT AZ	AN	"	✓	"	"	Ø	
1530	TJ LK AJ	AL LR	LO AT AZ	AN	"	✓	"	"	Ø	
1545	TJ LK AJ	AL LR	LO AT AZ	AN	"	✓	"	"	Ø	
1600	TJ LK AJ	AL LR	LO AT AZ	AN	"	✓	"	"	Ø	
1615	TJ LK AJ	AL LR	LO AT AZ	AN	"	✓	"	"	Ø	
1628	TJ and	AL family left the party and					moved away			
1630	LK AJ	LR	LO		L/800	✓	THV	THV	BWC RDC	
1645	LK AJ	LR	LO		"	✓	"	"	BWC RDC BW	

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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TG(1)

KPC Behavior

Day 03rd Month Dec Year 09 KPC SM Others FM KJ TW AG Found N

Time	Party Composition AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF	Loc	F	SP	PT	MNK	BEH
1700	AJ LK	LR	LO		J/800				0	
1702	climps	climbed	into	FBR tree	Silent and					
	Start feeding on ripe fruits									
1725	AJ LK	LR	LO		J/800	✓	FBR	RF	LHT	
1730	AJ LK	LR	LO		"	✓	"	"	"	
1745	AJ LK	LR	LO		"	✓	"	"	"	
1752	TG (TD)	TS TT	joined	the party	but no					
	calls made									
1757	LK leaving	the feeding	tree	and	Moving					
1800	AJ LK	LR TG	TT LO	TS TD	J/800	✓	FBR	RF	RDT	
1800	LK entered	into	old	nest	and	Improving				
	it. tree = UVA	HT = 11m	Dbh = 20 cm							
1813	AJ entered	into	old	nest	and	Improving				
	it. tree = UVA	HT = 12m	Dbh = 15 cm							
1815	AJ LK	TG LR	TT LO	TS TD	J/800	✓	FBR	RF	RDT	

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?)

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Day 03 Month Dec Year 09 KPC SM Others FMK TW Found N

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1830	AJ LK	LR TG	TT LO	TSTD	T/800	✓	FBR	RF	RDT	
1830	LR (LO)	entered into old nest and			Improving					
	it Tree = BOS	HT = 15M	Dbh = 25cm							
1833	TG approach	pant grunting to	AJ	he	ignored					PTG
1835	TG (TD)	entered into old nest	and	Improving						
	it. Tree = UVA	HT = 12m	Dbh =	18cm.						
1838	OBS leaving the nest site.									

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