



Human Wildlife Solutions
Monthly Report
February 2014

TABLE OF CONTENTS	Page
A. REPORTING PERIOD	3
B. BABOON MANAGEMENT AND RAID REPORTING	3
SOUTH EAST REGION	
1. Smitswinkel Troop	3
2. Waterfall Troop	4
3. Da Gama Troops (DG)	5
Births and Deaths	7
Recommendations	7
SOUTH WEST REGION	
1. Groot Olifantsbos Troop (GOB)	8
2. Misty Cliffs Splinter Troop	8
3. Slangkop Troop	10
Births and Deaths	11
Recommendations	11
NORTH REGION	
1. Tokai Main Troop (TMT)	12
2. Zwaanswyk Splinter Troop (ZST)	13
3. Constantia Troop	14
4. Mountain Troop	15
Births and Deaths	16
Recommendations	16
C. GENERAL COMMENTS ON ALL BABOON TROOPS	
Population Data	16
Hotline Data	17
Percentage Time Out of Town	18
General	19

A. INTRODUCTION

This month's report covers the four week period from 25 January 2014 to 21 February 2014.

Despite this being the hot dry period of the year, when the baboons typically have relatively little fynbos of good nutritional value to feed on, HWS still managed to keep the troops out of town for an average of 99.6% of the time. Only two troops spent noticeably less than 100% of their time out of town, but both still averaged over 97%.

Another notable feature this month is the confirmation that it is often females that can be the main culprits when it comes to raiding on their own, or leading small raiding parties into town. This was very evident in the Misty Cliffs Splinter troop where a female regularly took a pair of juveniles into Scarborough with her and actively raided houses in town.

B. BABOON MANAGEMENT AND RAID REPORTING

South Eastern Region – Area Manger: Ziggy Rode

1. Smitswinkel Troop

On the morning of 7 February, SWB1 raided the kitchen at Rockland's Centre when the kitchen door had been left open and the troop was roosting close by. On 13 February, a door was left open at a house in Castle Rock that was being rented by tourists from overseas. The troop was on their way down to the coast when SWB1 quickly ran inside the house, spent a maximum of 5 minutes inside, and then ran out with a bag of flour. SWB1 has a collar but its battery has gone flat, so rangers cannot pre-empt his movements unless they have a visual on him. SWB1 occasionally manages to slip away before being noticed, but does not raid often and rangers are able to push the baboon back fairly quickly.

For the first time in about a year, the Black Marlin Restaurant's kitchen was raided when the door was open and several baboons ventured inside. The rangers responded quickly and had the baboons back with the troop again within 15 minutes.

There are two male juveniles who are reaching the sub-adult stage and both of these males have made several attempts to break away from the troop and raid over the last two months. The older of the two will be collared in order to monitor him more closely.

SECTOR		CLASSES OF BEHAVIOUR																												
SE																														
BABOON TROOP: Smitswinkel		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	TOTAL							
MONTH: February 2014		In urban area	Raid bins	Non malicious damage	Attacking pets	Raid unoccupied house or vehicle	Raid occupied house or vehicle	Threatening behaviour/attack/stealing food	Breaking & Entering/Damaging property																					
BABOON ID	Sex	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	TOTAL
SWB1	M														6							6	1		1				8*	5
SWB6	M																													0
Troop								1																						1
UnID Fem	F																													0
SWBF8	F							1																						1
Juveniles									1																			8*	2	
UNID Male	M																													0
SWB7	M								1																			8*	2	
	%																					HRS								
Troop	0.03																					0.08								
Individuals	0.17																					0.42								
Males	0.46																					1.17								
Roost:	AM	3	4	3	6	4	5	5	6	6	3	4	6	5	5	6	4	3	3	3	3	3	3	6	4	5	6	5	5	5
Roost:	PM	4	3	3	4	5	5	6	3	3	4	6	4	5	6	4	3	3	3	3	2	6	4	5	6	5	5	5		
Roost Sites		1 Smits Caves				2 Partridge Point				3 Bluegums				4 Millers Point				5 Rocklands Farm												
ID Features of Baboons		SWB1: Collar + blue & white tag, SWB6 = Red/Blue tags + collar																												
General remarks		Town/Urban area = Millers Point boat launching area, caravan park, Black Marlin, Castle Rock Houses, Smitswinkel Bay houses 8* - Hotline call was received to say that a baboon raided the kitchen and broke glasses, when rangers arrived the baboons were already out, and it they were not able to identify which baboon actually broke the glasses and raided.																												

Figure 1. Smitswinkel Troop Raid Sheet

2. Waterfall Troop

The Waterfall Troop continues to spend 100% of its time out of town. This is the third consecutive month that the troop has remained on the mountain and had no access to human derived food at all. Most of the time the rangers don't have a visual on the whole troop but only on a few individuals, and telemetry is critical in managing this troop.

During the next month attempts will be made to put another VHF collar on an adult female or on WF2. The reason for this is that the only VHF collar in the troop is on RH2 which is the only problematic individual in the troop.

RH2 is currently the alpha male but is getting fairly old now, and when he was collared in February 2013 he had two broken canines and several other rotten teeth. RH2 only raids at the ammunition depot of SANDF because there are bins that are not baboon-proof, and he is also able to enter one of the offices where staff members store their lunch.

The majority of the fence around the depot is electrified and has razor wire, but there is a small section with only razor wire, and because there is no electric fencing here, he uses this section to get in. RH2 is however herded out fairly quickly. The HWS vehicle is usually parked at the corner of the depot, but as soon as the line of the rangers is moved and the vehicle leaves, RH2 runs down the mountain and gets over the fence.



Figure 2. SANDF site, green line with electric fencing and the red line only with razor wire.

HWS: TROOP MONTHLY REPORT																														
SECTOR		CLASSES OF BEHAVIOUR																												
SE		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	TOTAL							
BABOON TROOP: Waterfall		In urban area	Raid bins	Non malicious damage	Attacking pets	Raid unoccupied house or vehicle	Raid occupied house or vehicle	Threatening behaviour/attack/stealing food	Breaking & Entering/Damaging property																					
MONTH: February 2014																														
BABOON ID	Sex	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	TOTAL
WF2	M																													0
UnID Females	F																													0
TROOP																														0
RH2	M					2	2								2	2							2	2	1	6				8
UnID Juveniles																														0
UnID Male	M																													0
WFF1	F																													0
UnID Individuals																														0
		%																							HRS					
Troop	0.0																													0.00
Females/Individuals	0.0																													0.00
Males	1.0					20	10								10	10								15	35	20	30			2.50
Roost:	AM	10	10	10	10	10	10	10	12	13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Roost:	PM	10	10	10	10	10	10	12	5	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
Roost Sites	1	Waterfall Cliff				2	Happy Valley Mnt				3	Signal School/Zwartk				4	Waterfall Barracks				5	Mountain Residents side								
	6	Admiral footpath				7	Not found				8	Happy Valley Home				9	Red Hill				10	SANDF								
	11	Mountain CoGHN				12	Gate 3 - Plateau Road				13	Rocklands farm																		
ID Features of Baboons	WF2 - yellow&blue tag. RH2 - double yellow tags + collar, adult male																													
General remarks	WFF1 - three legs																													

Figure 3. Waterfall Troop Raid Sheet.

3. Da Gama Troops

Throughout February, the Da Gama Park Troop slept on the mountain on only one occasion. The daylight hours are still too long to hold them on the mountain, and they come down to Da Gama as it gets dark. We do believe however, that this will change soon because the daylight hours are shortening rapidly. The troop predominantly uses the flats and the pine trees close to the flats, as its sleep site.

Occasionally the troop seems to split and some of the troop sleeps on the flats while others sleep in the pine trees, either in 2nd or 3rd Avenues. The individuals that sleep in the pine trees in town are usually more difficult to push out in the mornings as they often enter the dense alien vegetation along the river and use that as cover. This vegetation is very dense and the rangers are not able to follow them once they enter it, which complicates management quite significantly.

The troop also splits into smaller raiding parties which means that the team of rangers also needs to split up. However, the majority of the rangers stay with the troop to ensure that they don't go into town to raid and they have therefore managed to keep the troop out of town for 98,4% of the time throughout the month.



Figure 4. SK3 with yellow and green tag.

SK3 has developed into a prime example of an alpha male as he always remains with the troop and only raids bins opportunistically in the mornings when the troop is pushed from the sleep site onto the mountain. This signifies a vast improvement in his behaviour from when he was the alpha male of the small troop only, to being the alpha male of both troops combined. Prior to this, SK3 regularly raided both occupied and unoccupied houses. His last raid was on 20 September 2013.

When the troop sleeps at separate sleep sites, it is usually DG1 and DG10 that lead the split and then form smaller raiding parties. However, once they are in the mountain it is only on rare occasions that DG1 attempts to break the line to get back into town. This situation should improve when daylight hours are shorter and they start sleeping in the mountain more regularly again. The main driver for the baboons to get back to town remains the issue of poor waste management because the baboons always get 'rewarded' when they get back to town. The waste situation at the flats is still not under control and there is always food available. Hopefully this will be resolved in the next few months as there are plans to build a baboon-proof cage for the bins.



Figure 5. Waste lying around the bins at the Da Gama flats.

Two serious incidents have occurred at night in Da Gama Park. On 18 February at 20h45, a juvenile baboon entered a house in 3rd Avenue through an open window. The residents attempted to chase the juvenile out but it panicked when it couldn't find a way out. A few

individual baboons that were in the pine trees in 3rd Avenue must have heard the juvenile and subsequently went to the house and broke a window. Several individuals, including the juvenile, raided before the residents eventually managed to get them out the house.

On 21 February at approximately 20h00, a baboon was trapped in the corridor of Kroonseil Court flats. The security gate was locked on the side where the baboon was hemmed in. A resident's dog started barking at the baboon and, as a result (according to the residents of the flats), two big baboons reacted and attacked the dog, while the trapped baboon managed to escape. The dog suffered a very deep laceration on its rear, however seems to be making a good recovery. Identifying which baboons were involved was not possible.

SECTOR			CLASSES OF BEHAVIOUR																												
SOUTH EAST																															
BABOON TROOP:		1 In urban area																										4 Attacking pets		7 Threatening behaviour/attack/stealing food	
MONTH:		2 Raid bins																										5 Raid unoccupied house or vehicle		8 Breaking & Entering/Damaging property	
February		3 Non malicious damage																										6 Raid occupied house or vehicle		9 Nocturnal Raiding	
Da Gama		2014																													
BABOON ID	Sex	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	TOTAL	
Troop								1	1								1										2			4	
SK3	M																1									2			2		
DG1	M				1		2		6		2		1	1			1	2,6		1,6		2			1	2		2	1	16	
DG10	M								1								1	1							1	2	2	1	6	9	
DG11	M						2		1				1				1	1		1,6						2		1	9		
DGF1	F						2		1								1									2			4		
DGF2	F																1									2			2		
UnID Females	F						2		1		2		1				1	1				2		1	2	2	1	1	12		
UnID Female	F				1									2				1	2,6		1,6		2	1	2		2		11		
UnID Male	M																1							2	1	2			5		
UnID Juvs							2		1		2		1	2			1	1			1		2	1	2	2		1	13		
		TIME SPENT IN TOWN (Minutes)																										HRS			
Troop	1.6							50	60																				180	5.17	
Individuals	7.1				35		125	70	60		120						80	85		170		150		60		180		120	120	22.92	
Males	7.8				35		125	50	75		120		10	10			10	85		170		180		70		195	120	120	135	25.17	
Roost:	AM	1	1	1	1	2	1	1,3	1	2	1,3	1	1,3	1	18	1	3	2,3	2	1,2	1	1	2	1,4	2	2	2,3	2	1,2,3		
Roost:	PM	1	22*	22*		22*	18	22*	1	22*	22*	22*	18	22*	2	2	22*	22*	22*	22*	22*	2	2	1,4	2	16*	22*	22*	1	22*	
Roost Sites		1 Flats		2 Pines - Flats		3 Pines - Da Gama		4 Pines - Welcome Glen		5 Sport Fields Stables		6 Compass Bakery		7 Pines - Outspan		8 Jacks Shop		9 Elsie's Peak		10 Rotary Camp		11 Witsand		12 Slangkop		13 Platkop		14 Rasta Camp		15 Ocean View	
ID Features of Baboons		16 KL sleep site		17 Maylands		18 Elsie's River Valley		19 Red Hill/Windford Pines		20 Grootkop		21 16th Avenue, DG		22 Lewis Gay Dam		23 Pinehaven		24 Kleinplaas dam													
General remarks		DG1: Collar + blue & yellow tags; DG10: Collar + white tags SK3: Collar + green & yellow tags, DGF1: collar + blue & white tags * - Left in the mountain but came down late																													

Figure 6. Da Gama Park Troop Raid Sheet

Births and Deaths

12 February: two births took place in the Smitswinkel Troop.

RECOMMENDATIONS

Baboon-proof bins and continued education are needed at the SANDF Ammunition Depot to prevent conflict increasing at that site.

On-going education and law enforcement are desperately needed in Da Gama Park, as well as along the tourist routes.

Waste Management still needs urgent attention, especially at Da Gama Park flats, and a new waste disposal system needs to be developed for the flats.

Transformer boxes and electric cables at the flats need to be checked to ensure that they are safe.

South Western Region – Area Manager: Nick Shaw

1. Groot Olifantsbos Troop

The GOB troop has been in the CoGH Reserve during the month of February. The GPS collar data map below shows the movements of the GOB troop within the CoGH Reserve for the month of February. The troop is making use of much of its home range, foraging from the coast up to the areas close to Plateau Rd, and from the Bonteberg to Olifantsbos.

As in January, the troop has spent significant time at the Bonteberg roost site which is in view of Scarborough, but at no time has the troop attempted to move towards the urban edge. It is fortunate that this troop is not stressed for water at this time of year. 'Die Mond', and the wetland leading to it, still provides the troop with sufficient fresh water.

The month of March will be a critical time to assess the troop's reaction to diminishing forage in natural vegetation. The GPS data for February suggests that the troop is spending more time along the coast foraging on marine resources. If the stress of available forage in the next couple of months does not result in the troop attempting to raid Scarborough, it will confirm the successful rehabilitation of this previously raiding troop, under the leadership of the non-raiding alpha male GOB7.



Figure 7. Roost sites and GPS points for the GOB troop - February 2013

2. Misty Cliffs Splinter Troop

The Misty Cliffs Troop has been at the Bonteberg roost site in the CoGH Reserve for much of this reporting period, except for a splinter of three baboons that refused to join the troop in the Reserve. The troop was pushed into the reserve on 28 January, but managed to break out again on 18 February.

February Raids:

Between 5 and 9 February, the three individuals that remained behind in Scarborough raided a number of occupied and unoccupied houses. On 8 February, Scarborough Security reported that these individuals had broken into a house in Hilltop Rd by forcing a window open.

On 18 February, the whole troop broke out of the Reserve via Red Hill and managed to raid a house in Hilltop Rd.

HWS: TROOP MONTHLY REPORT																															
SECTOR		CLASSES OF BEHAVIOUR																													
BABOON TROOP: Misty Cliffs		1 In urban area				4 Attacking pets				7 Threatening behaviour/attack/stealing food																					
MONTH: February		2 Raid bins				5 Raid unoccupied house or vehicle				8 Breaking & Entering/Damaging property																					
YEAR: 2014		3 Non malicious damage				6 Raid occupied house or vehicle																									
BABOON ID	Sex	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
GOB8	M	2	2	2																						6			4		
MCF2	F	2	2	2																						6			4		
Unidentified female	F	2	2	2			1	2	2	2	2	2	2,5,6	2,5	2,6	2,5,8	2,5	2	2							6			2	24	
Unid female + baby	F	2	2	2																						6			2	5	
Unidentified juvenile	M	2	2	2			1	2	2	2	2	2	2,5,6	2,5	2,6	2,5,8	2,5	2	2							6			2	24	
Unidentified juvenile	M	2	2	2			1	2	2	2	2	2	2,5,6	2,5	2,6	2,5,8	2,5	2	2							6			2	24	
Troop		2	2	2																						6			4		
		TIME SPENT IN TOWN (Minutes)																								HRS					
Troop		2.8	150	240	60																									120	09h30
Males & Females		20.8	150	240	60		60	180	120	360	480	480	300	360	300	420	360	150	180								120		20	70h00	
Roost:		AM	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	
Roost:		PM	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1
Roost Sites		1 Misty Cliffs				2 CoGH Reserve				3				4				5													
		6				7				8				9				10													
ID Features of Baboons																															
General remarks																															

Figure 8. Raid Sheet for Misty Cliffs Splinter Troop - February 2013

Comments and Observations

Although the troop was kept in the CoGH Reserve for most of this reporting period, there have been significant challenges in Scarborough. The three individuals, comprising one female and two juveniles, that did not join the troop in the Reserve, raided Scarborough just about every day. There were a number of house raids recorded, and on one occasion these individuals broke into a house on Hilltop Rd.

The team allocated one ranger to try and remove these three individuals, but every time the ranger located them, they would run off and hide in various properties or in dense vegetation. It became impossible to locate them for hours at a time, and the team relied on hotline calls to alert them to where they had moved to.

In the previous months there have been individual females that have hidden away in Scarborough while the troop was in the Reserve. These females would raid opportunistically, usually targeting bins and food left outside in gardens. However, these three were now targeting houses to raid, and successfully raided both occupied and unoccupied houses. This is of great concern as it demonstrates that certain individuals are willing to sacrifice the safety and companionship of the troop in order to raid houses. With limited resources, it is very challenging to manage individuals that behave in this way.

The alpha male, GOB8, did not attempt to raid Scarborough when he was part of the GOB troop. When the troop is in the Reserve, GOB8 forages on the coast on marine resources while the rest of the troop does not. It is quite evident that it is not GOB8 leading the troop back into Scarborough, but is rather the females and juveniles that continuously push to get back into Scarborough, and GOB8 subsequently follows them. One positive thing to note is that GOB8 has not slept in town since he returned to Misty Cliffs. He is now sleeping at the roost site with the rest of the troop.

3. Slangkop Troop

During the month of February the Slangkop Troop moved between the two usual roost sites. The troop has roosted mostly at the C3 roost site this month. On 17 February, the troop managed to return to Slangkop after not having been there for over a year.

SECTOR		CLASSES OF BEHAVIOUR																					TOTAL							
BABOON TROOP: Slangkop		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21								
MONTH: February		In urban area				Attacking pets				Threatening behaviour/attack/stealing food																				
YEAR: 2014		Raid bins				Raid unoccupied house or vehicle				Breaking & Entering/Damaging property																				
		Non malicious damage				Raid occupied house or vehicle																								
BABOON ID	Sex	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	TOTAL
DG6	M		2		2				2						2						2		2							6
Unidentified Female	F		2		2				2		2				2						2	2	2	2					9	
Unid Female + baby	F		2						2		2				2						2	2	2	2					8	
Unidentified Female	F		2						2		2										2	2	2	2					7	
Troop																													0	
		TIME SPENT IN TOWN (Minutes)																									HRS			
		%																												
Troop	0.0																													
Males + Females	0.7		15		10				10		10				15						15	30	20	15					02h20	
Roost:	AM	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	4	4	1	1	
Roost:	PM	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	4	4	1	1		
Roost Sites		1 Slangkop				2 Ocean View				3 Compass Bakery				4 Witsand				5												
		6				7				8				9				10												
ID Features of Baboons		DG6 has a yellow cable tie tag																												
General remarks																														

Figure 9. Raid Information Sheet for Slangkop Troop – February 2013

Comments and Observations

The troop, as a whole, has not raided any urban areas this month. All the raids this month, as in previous months, have been attributed to a select few individuals. DG6 and three females are responsible for all the raids, and on a few occasions between one and five juveniles have joined them in raiding bins in Ocean View.

On 17 February, the troop pushed towards Slangkop and the HWS team held them on a hilltop below the Witsand peak where they slept that night. The following day the team managed to push the troop back towards Ocean View but the female with a baby broke away from the troop and went up towards the Witsand cliffs. The team tried to contain the rest of the troop but they eventually managed to break the line in order to follow the female.

The following day the troop came down towards the Soetwater/Kommetjie intersection. The team held them in the vicinity of the 'concrete dam' and began to push them back towards the C2 roost site. The same female ran around the team and onto Slangkop. After battling the troop

for hours, DG6 finally broke the line by charging at one of the rangers and followed the female onto Slangkop. The rest of the troop soon followed.

The troop spent the following few nights at the roost site at the back end of Slangkop. The biggest concern now is that the troop will return to the Slangkop roost site closest to Kommetjie, where they have not been for over a year. From this roost site it is very difficult to prevent the troop from raiding Kommetjie.

The topography of the cliffs and the close proximity to the urban edge, coupled with dense alien vegetation, make defending the urban area from this point virtually impossible. This will almost certainly mean that the troop will commence raiding Kommetjie if they remain on Slangkop.

Births and Deaths

There were no births or deaths recorded for either the Slangkop or Misty Cliffs troops this month. It is not possible to determine whether there are any births in the GOB troop as this troop is only tracked using radio telemetry and the GPS collar data.

RECOMMENDATIONS

The movements of the GOB troop must be monitored through regular checking of the GPS collar coordinates, and the troop must be prevented from crossing Plateau Rd. For the next two months it will be important to watch this troop carefully for any signs that they might want to raid in Scarborough.

Raiding of Scarborough and Misty Cliffs will most likely increase in the following months. Individual animals that break away from the troop to raid will continue to pose management challenges. Some residents have removed grapes from vines but a number of properties still have fruiting trees that will continue to draw baboons into town. It will be important to note the individuals that regularly raid alone, as well as identify problem areas and properties that are visited frequently.

Kommetjie: the Slangkop Troop will most likely begin raiding in Kommetjie. When the troop was last on Slangkop a number of problem fruiting trees and vines were identified on properties furthest up against the mountain. These properties became targets and will probably be targeted again.

The alien vegetation on Slangkop, directly above Kommetjie, makes managing the troop on Slangkop even more challenging as the dense stands extend all the way down to the road. The troop uses this vegetation to elude the rangers and access Kommetjie. The removal of this alien vegetation would help considerably in managing to keep this troop out of Kommetjie.

Northern Region – Area Manager: Robyn Khoury**1. Tokai Main Troop**

As in previous months, our baboon rangers were able to keep the Tokai Main Troop outside the urban areas at all times during this reporting period. There were a few instances of baboons within the urban area, yet these were single or coupled individuals, and not the whole troop.

TK35, a large adult male, was the raider of most concern. During the month of February, as in previous months, TK35 repeatedly evaded the baboon rangers and entered the urban environment to raid. He raided several occupied houses in Forest Glade throughout the month.

These excursions also included fighting with pets and raiding bins in and around Forest Glade. Additionally, TK35 committed night raids at Tribakery and surrounding restaurants in Tokai. It also appeared that TK35 was teaching others his bad behaviour as he often took females or sub adult males with him on his raiding excursions. Following the raiding protocol, TK35 was granted WAC approval for euthanasia and was subsequently euthanased on 17 February 2014.

TK28, the current alpha of the Tokai Main Troop, raided within the urban area twice this month. He jumped over the upper section of the Steenberg fence and entered an occupied house where he stole food. TK39 led raids at the Cape Academy on several occasions, stealing food from the students and raiding bins. Numerous large sub adult males have been joining these raids, and therefore, in the coming months, we shall endeavour to tag these individuals. On 20 February, one male was tagged blue-yellow and assigned the number TK42.

Various other raids occurred involving individuals within the Tokai Main Troop. However, these took place within the Tokai Plantation, on Chrysalis land, and at the Porter Estate, none of which are designated urban areas. These raids have been recorded on the raid sheets to gather a comprehensive view of the behaviour of the individuals within the troop. The worst offenders include TK39 and TK28, who are stealing food directly from hikers and picnickers.

Individuals from the Tokai Main Troop have been clashing with the Mountain Troop on occasion. This has led to various injuries on individuals from both troops. The majority of these have not been serious. However, on 21 February, TK40 received a deep laceration to his right hind leg from one of these encounters. The injury was evaluated by a wildlife vet, who decided to leave it to heal naturally because it was caused by a baboon-on-baboon encounter. Our rangers are closely monitoring the individual, and if intervention is necessary, this will be considered.

Finally, two new-borns were recorded in this troop during this reporting period.

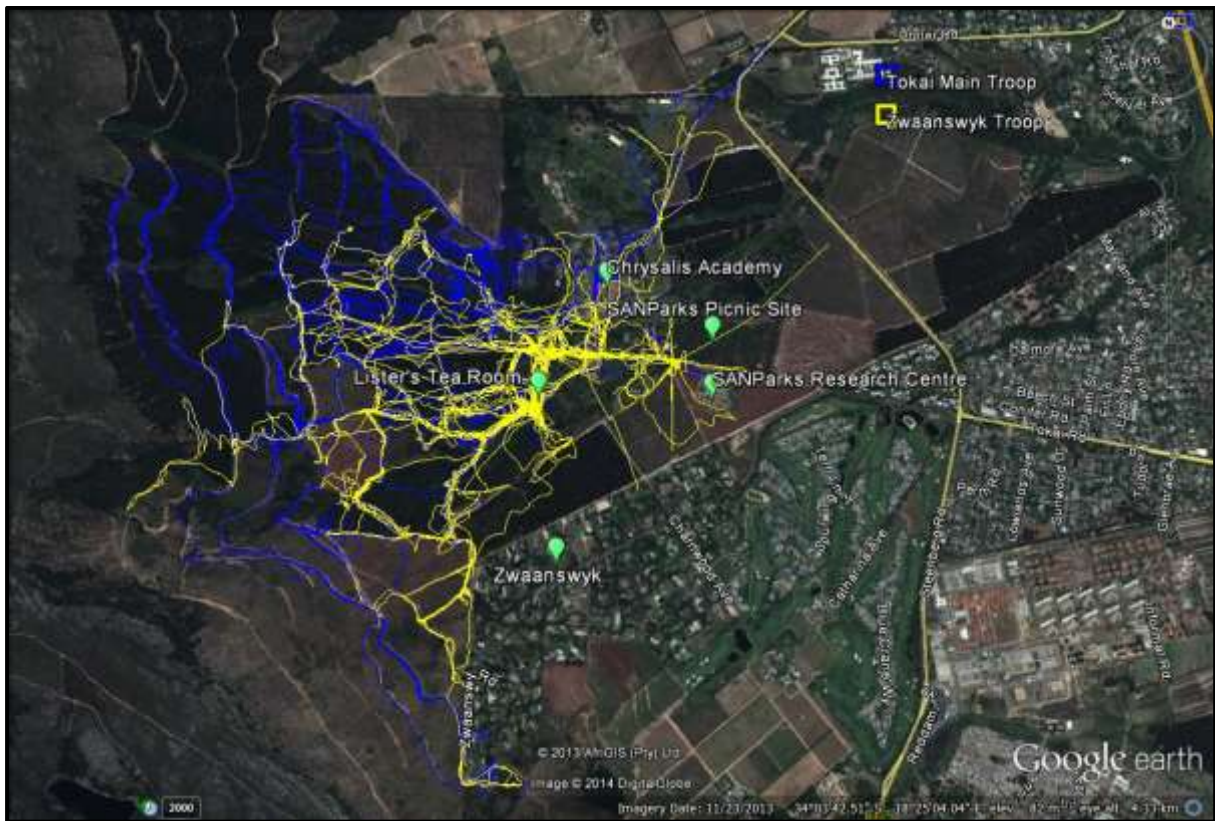


Figure 10. Tracking data of baboon rangers following the Tokai Main Troop (blue) and Zwaanswyk Troop (yellow).

HWS: TROOP MONTHLY REPORT																															
SECTOR		CLASSES OF BEHAVIOUR																													
SOUTH EAST		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total								
BABOON TROOP:	Tokai Trp	In urban area	Raid bins	Non malicious damage	Attacking pets	Raid unoccupied house or vehicle	Raid occupied house or vehicle	Threatening behaviour/attack/stealing food from person	Breaking & Entering/Damaging property	Nocturnal Raiding																					
MONTH: Jan-Feb	YEAR: 2014																														
Tokai Troop																															
TK 24 (W-W) Collar	M							2*					7*											2							
TK 28 (B-G) Collar	M				6		1,6					7*							5*					5							
TK 35 (R-Y) Collar	M		2	1	4,6		2	9			6													10							
TK 39 (G-R)	M										6	7*	1,2,6,2,7*	1,2	2*	7*	7*	1,2	1	1,2				16							
TK 40 (P-Y)	M									2*														1							
UnID male	M							2*																1							
UnID Sub ad male	M							2*				2*	1,2	2,7*	1,2	2*			1,2	1				12							
UnID Females	F							2			2*			2										3							
UnID Juvenile								2																1							
TKF 7 (Red)	F			2	1			2											7*					4							
TOTAL RAIDS		0	0	0	2	2	1	2	0	6	4	0	2	0	1	2	6	4	5	5	0	2	1	0							
	%	TIME SPENT IN TOWN																					HRS								
Tokai Troop	0.0																						0.00								
Individuals	1.7				35	300																		5.58							
Males	4.3				35	300	30	150		30				80		60		45			45		30	30	30						
Roost:	AM	4	8	6	1	6	1	10	6	7/11	2	6	2	3	3/7	3/10	6	1	3	2	1	1	1	1							
Roost:	PM	11	3	1	6	1	10	3	11	5	7	2	3	3+7	3/10	7	10	5	7	11	1	1	1	7	8						
Roost Sites		1 Tea Garden		2 Upper Tea Garden		3 Level 1 Tokai Clearing		4 Level 1 Zwk Blue Gums		5 Level 2 Stream		6 Lower Guest House		7 Upper Guest House		8 Level 3 Pines		9 Level 4 Pines		10 Level 2 Pines		11 Other		12		13		14		15	
ID Features of Baboons																															
General remarks		2 newborns sighted on the 13/02 TK35 euthanized on the 17/02																													

Figure 11. Raid sheet of the Tokai Main Troop for the February reporting period. * Indicates raiding that took place outside of the urban space. Note the large numbers of 7* raids. The majority of these are raiding hikers in Tokai Plantation.

2. Zwaanswyk Troop

It has been a pleasingly quiet month for the Zwaanswyk Troop. The troop has overlapped the Tokai Main Troop's range considerably, yet continues to be an independent troop led by TK38. The only raiding of concern has been carried out by TK38 as he continues to steal food and back packs off hikers in the Tokai Plantation. It appears that this behaviour has been passed on to the males in the Tokai Main Troop because this month they have been mimicking this conduct.

Unfortunately hiker-baboon conflict is a problem in Tokai. Following international best practice protocols, the following advice is endorsed:

- * Hikers should not hike with food visible.
- * All food should be kept in sealed containers to minimize its smell.
- * Hike with the minimum amount of food needed.
- * Never eat around baboons or where baboons can see you eating.
- * If you are carrying food or a back pack take a wide berth around baboon troops if encountered.

One new-born was spotted on 16 February 2014.

HWS: TROOP MONTHLY REPORT																															
SECTOR		CLASSES OF BEHAVIOUR																													
SOUTH EAST		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total								
BABOON TROOP:	Zwaanswyk Trp	1	In urban area	4	Attacking pets	7	Threatening behaviour/attack/stealing food from person	2	Raid bins	5	Raid unoccupied house or vehicle	8	Breaking & Entering/Damaging property	3	Non malicious damage	6	Raid occupied house or vehicle	9	Nocturnal Raiding												
MONTH:	Jan-Feb	YEAR:	2014																												
BABOON ID	Sex	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total	
Zwaanswyk Troop (ZT)																															
TK 38 (Sing,R) Collar	M																														
	%	TIME SPENT IN TOWN																							HRS						
Zwaanswyk Troop	0.0																								0.00						
Individuals	0.0																								0.00						
Males	0.0																								0.00						
Roost:	AM	1	11	11	9	8	8	8	8	8	8	8	9	2	9	2	8	9	9	9	9	1	9	2	8	8	9	9	8	9	1
Roost:	PM	11	8	3	8	8	8	8	1	5	2	9	2	8	9	8	5	2	1	9	2	8	8	9	3	8	8	6	4		
Roost Sites	1	Tea Garden			2	Upper Tea Garden			3	Level 1 Tokai Clearing			4	Level 1 Zwk Blue Gums			5	Level 2 Stream													
	6	Lower Guest House			7	Upper Guest House			8	Manor House			9	Tokai bridge Blue Gums			10	Level 2 Pines													
	11	Other			12				13				14				15														
ID Features of Baboons																															
General remarks	A newborn was reported on 16/02.																														

Figure 12. Raid sheet of the Zwaanswyk Troop for the February reporting period. * Indicates raiding that took place outside of the urban space.

3. Constantia Troop

It has also been a quiet month for the baboons of Constantia. The only raiding behaviour was by CON3 and a large untagged male that raided bins at Simon's Restaurant on Groot Constantia. For the last few months this troop has slept at the lower blue gums sleep site, between Klein and Groot Constantia. The troop would then move to the Castle area and forage around there for the majority of the day.

During this reporting period the lower blue gums have been felled to make way for the Groot Constantia fence, causing the troop to move to the upper blue gums sleep sites. This shift in sleep site has resulted in the Constantia troop spending a large share of the month above the

wine farms, around the bike trails area. This is a positive move as it prevents the baboons from relying on vineyard grapes, and results in an intake of more natural forage.

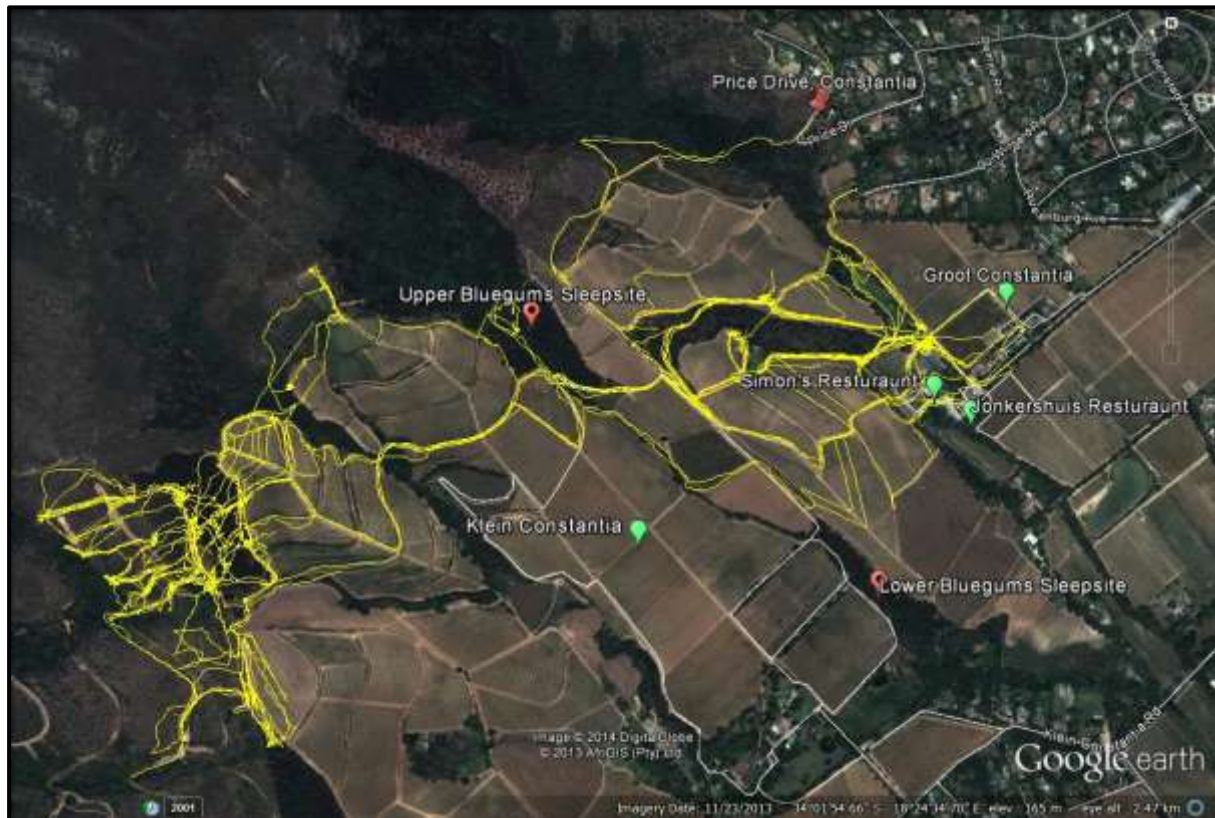


Figure 13. Tracking data of baboon rangers following the Constantia Troop. Note the shift from Groot Constantia to above Klein Constantia, after the lower gums were felled.

HWS: TROOP MONTHLY REPORT																														
SECTOR		CLASSES OF BEHAVIOUR																												
SOUTH EAST		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total							
BABOON TROOP:	Constantia Trp	1	In urban area	4	Attacking pets	7	Threatening behaviour/attack/stealing food from person	2	Raid bins	5	Raid unoccupied house or vehicle	8	Breaking & Entering/Damaging property	3	Non malicious damage	6	Raid occupied house or vehicle	9	Nocturnal Raiding											
MONTH:	Jan-Feb	YEAR:	2014																											
BABOON ID	Sex	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Total
CON 3 (G)	M	2*																												1
Untagged/Unknown	M	2*																												1
	%	TIME SPENT IN TOWN																							HRS					
Con Troop	0.0																													0.00
Individuals	0.0																													0.00
Males	0.0																													0.00
Roost:	AM	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	3	3	1	1	3	3	3	3	3	3	3	3	3	
Roost:	PM	2	2									1	1	1	1	3	1	1	3	3	3	3	3	3	3	3	3	3	3	
Roost Sites		1	KC/GC Border - Upp. Blue gums				2	KC Lwr Blue Gums				3	KC/SANpk MTB trail upp				4	Middle Plantation KC				5	Buiten BG							
		6	Uitsig BG				7	Mckenzieys/Groot				8	Other				9					10								
ID Features of Baboons																														
General remarks																														

Figure 14. Raid sheet of the Constantia Troop for the February reporting period. * Indicates raiding that took place outside of the urban space.

4. Mountain Troop

The Mountain Troop did not enter the urban areas during this reporting period. The troop spent much of the time above Buitenverwagting, and was only sighted occasionally. The Tokai Main Troop has been spending a fair amount of time around the same area as the Mountain Troop. A few clashes have ensued between the two troops with minor injuries. We are monitoring the situation.

Births and Deaths

Three new-borns were recorded this month, two from the Tokai Main Troop and one from the Zwaanswyk Troop.

TK35 was euthanased following WAC approval on the 17 February 2014.

RECOMMENDATIONS

Clear signage: Additional signage is needed around Lister's Tea Room car park and the Tokai picnic site which stresses the need to be cautious around baboons while hiking with food.

C. GENERAL COMMENTS ON ALL BABOON TROOPS

Population Data

This month there was a resumption of the trend evident over the past year, for births to exceed deaths in the managed baboon population. HWS recorded five births and only one death, so the population grew by four. A detailed count of each troop on the peninsula is currently being completed and the figures should be available soon. It will then be possible to validate the HWS figures, determined simply by counting births and deaths, against this ground count.

Population Data for the Ten Managed Troops on the Cape Peninsula							
TROOP	Total End Dec 2012	Total End Dec 2013	February Births	February Deaths	Total Births 2014	Total Deaths 2014	TOTAL CURRENT POPULATION
Da Gama Troop	54	44			1	0	45
Smitswinkel Bay	23	21	2		2	1	22
Waterfall	28	30			0	0	30
Groot Olifantsbos	19	19			0	0	19
Misty Cliffs Splinter	18	17			0	0	17
Slangkop	33	40			0	0	40
SUB TOTAL	175	171	2	0	3	1	173
Zwaanswyk	25	30	1		1	0	31
Tokai	61	70	2	1	4	2	72
Mountain / Ghost	33	44			0	0	44
Constantia	60	72			1	2	71
SUB TOTAL	179	216	3	1	6	4	218
TOTAL	354	387	5	1	9	5	391

Figure 15. Population data for the ten managed troops on the Cape Peninsula.

Hotline Data

This month it is evident that most of the hotline raid-related calls (83%) were as a result of raids by just a few individuals from two troops – Misty Cliffs and Tokai. Interestingly the calls in Tokai were as a result of raids by a few adult males, whereas the calls in Scarborough were mainly in response to a small raiding party of one female and two juveniles. These were not the one or two females from the past which slunk unobtrusively around town, but a raiding party that were quite prepared to raid occupied houses and even broke into one house.

This new development may well be a seasonal response because now, towards the end of summer when it is typically hot and dry, there is not much fresh vegetation growth available as forage for the baboons. Thus, by the end of summer, the baboons often try harder to get back into town for human derived foods (HDFs). This is most typical of the troops which have depended on HDFs for so many years, like the Misty Cliffs and Da Gama Troops. The exception here of course is that the GOB Troop, which was previously just as bad as the Misty Cliffs Troop, but, since the arrival of the wild and unhabituated alpha male GOB7, have not raided town for over 18 months.

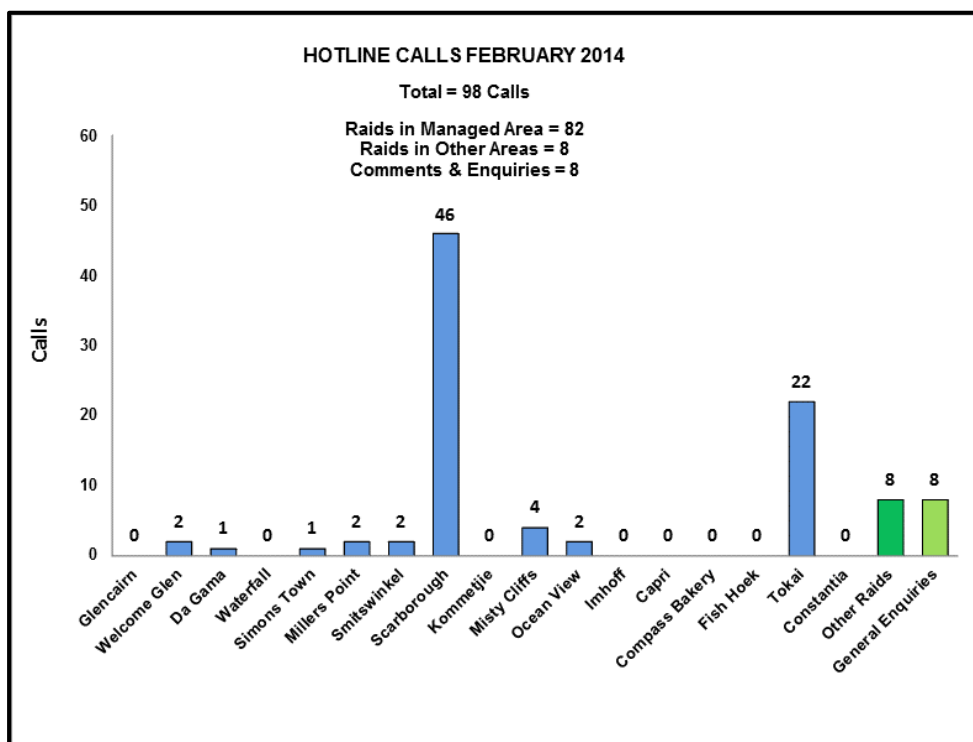


Figure 16. Hotline calls summary per area.

The hotline calls for Tokai were again mostly in response to a few raiding males, but particularly TK35. His raiding had reached a particularly bad level and so he was euthanased with WAC approval. It is now expected that the hotline calls for Tokai will drop dramatically.

It is remarkable that, for all the managed areas apart from Scarborough and Tokai, there were only 14 hotline calls recorded this month.

In terms of types of hot line calls received, as usual this month most of the hotline calls (84%), were just reporting baboons in town. However, because of the activities of the new, female-led raiding party in Scarborough, and the few adult males in Tokai, there was still an unacceptably high level of raiding of occupied houses.

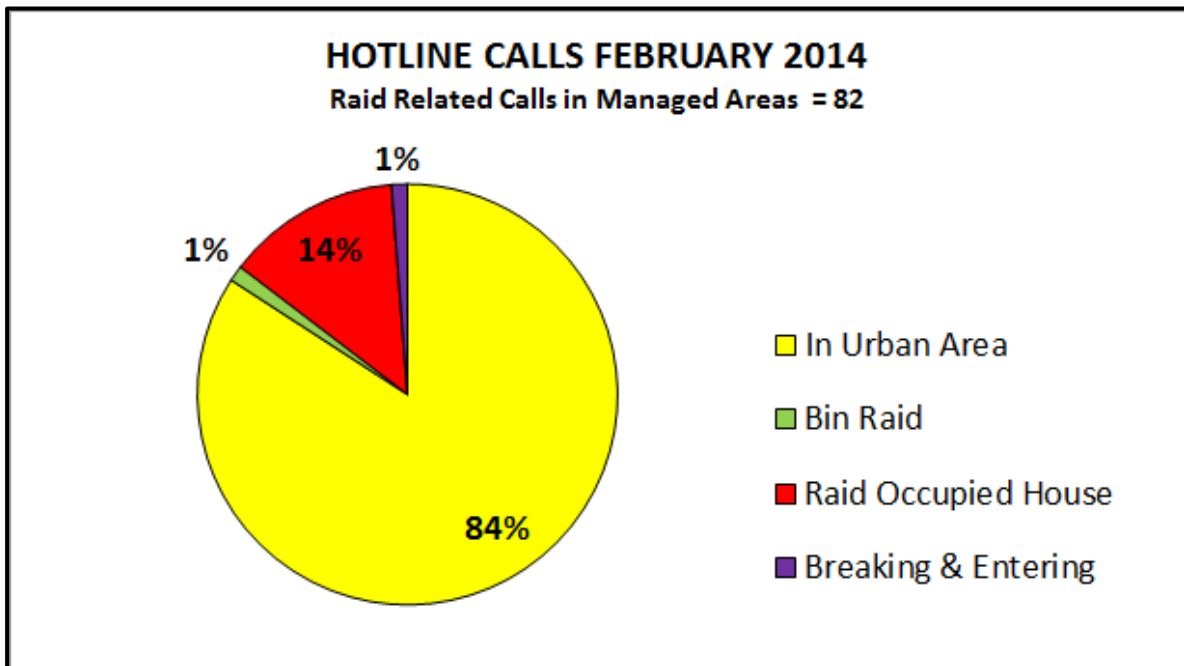


Figure 17. Raid-related hotline calls.

Percentage Time out of Town

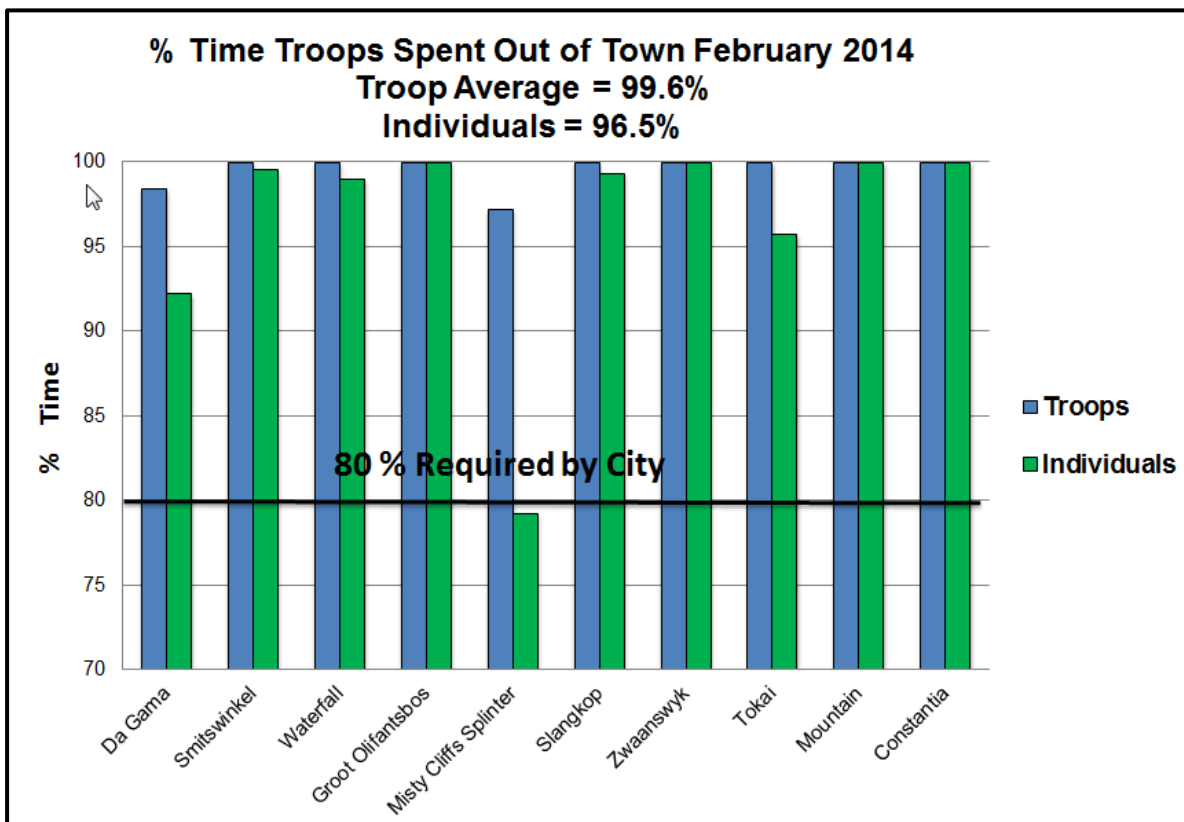


Figure 18. Percentage time troops spent out of town for the reporting period.

This month, HWS recorded the second highest percentage time for troops being out of town, at 99.6%. Only the Da Gama and Misty Cliffs Splinter Troops spent noticeably less than 100% of their time out of town. Nevertheless, both troops still averaged over 97%, and it was only certain individuals from these two, and the Tokai troop, that spent much time in town. The worst offenders were those comprising the small raiding party from the Misty Cliffs Troop that regularly raided town on their own.

General Summary

Over the past six months, the average time all troops spent out of town was 99.3%. This month the average was 99.6% and only two troops, Da Gama and Misty Cliffs, were noticeably under 100%. However, HWS are optimistic that soon, as day-length progressively shortens, they will be more successful in getting the Da Gama Troop to sleep out of town again at the Maylands sleep sight. This will make troop management by day much easier than when they are sleeping at the Da Gama flats or further in town.

The Misty Cliffs Splinter Troop will always be a challenge to keep out of town unless they re-join their parent GOB troop, or the fence between the CoGH Reserve and Scarborough is electrified. When this troop is in the CoGH reserve they sleep with a downhill run into Scarborough, and when they are out of the reserve they sleep at Misty Cliffs which gives them a downhill run into either Scarborough or Misty Cliffs village the next morning.

Baboon management on the peninsula has therefore reached the stage where virtually all of the troops are being kept out of town for close on 100% of the time. The challenge, of course, is to maintain this status and ultimately break the cycle of older baboons teaching younger ones the energetic benefits of feeding on HDFs in town.

Most of the alpha males are now relatively 'well' behaved and concentrate more on looking after their troops than trying to raid. By contrast, it is now becoming evident that some of the worst offenders, in terms of leading the juvenile baboons astray, are females. This is something that will need close monitoring in future, because the old habits can resurrect very quickly, particularly with the troops that previously, virtually lived in town.

Dr. Philip Richardson

Human Wildlife Solutions