



Human Wildlife Solutions

Monthly Report

December 2014

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A. INTRODUCTION

This month's report covers the five-week period from 21 November to 26 December 2014. This report is therefore the last covering the 2014 year. As usual, the festive season has been relatively quiet from the baboon perspective. The troops were kept out of town for an average of 99.7% of the time, and there were only 32 raid related hotline calls over the reporting period.

Human Wildlife Solutions (HWS) is pleased to announce that it has been awarded the contract to be the baboon management service provider to the City of Cape Town (CoCT) for the period from 1 December 2014 to 30 June 2017.

B. BABOON MANAGEMENT AND RAID REPORTING

South Eastern Region – Area Manager: Ziggy Rode

1. Smitswinkel Troop

For the third year in a row since HWS have taken over baboon management in Cape Town, HWS again had a very good festive season in terms of raiding by the Smitswinkel troop. Since 2012, there have been no car raids, caravan park raids or invasions at the Black Marlin Restaurant over the festive season. There have also been no raids at the picnic area. The Smitswinkel troop did not enter the urban area at all, so they were kept out of town 100% over the December reporting period. This can be accredited to the very hard work by the field staff as the festive season is usually the busiest time and a difficult time to ensure that baboons do not raid.

It is noteworthy to mention, that Lorraine Holloway (Simon's Town Civic Association representative to the Baboon Liaison Group) supported the baboon rangers throughout the festive season. Furthermore, HWS would like to formally thank Lorraine for her selfless hard work and dedication to this specific route throughout the past year.

The Smitswinkel Troop mainly foraged in the mountains and fynbos above Rocklands farm, Millers Point and Castle Rock, as well as along the coast during this month. This being said, there were two attempts made by SWB6 and SWB8, to run down to the urban area to raid. Both attempts were stopped by HWS rangers.

Towards the end of November, HWS managers tried to capture SWB7 following resident's reports that he was looking sickly. Numerous attempts were made to catch SWB7, without success. He has not been seen for the entire December month reporting period, so it is assumed that he is dead. He was in very poor condition when he was last seen.

Since SWB6 has taken over as alpha male, the troop's raiding has declined dramatically. Isolated incidents have occurred where SWB8 has launched a raid and has encouraged SWB6 to come along with him. Attempts will be made to collar SWB8 so that there can be a more pro-active approach to preventing him from raiding. This, in turn, should also stop SWB6 from raiding with SWB8.

HWS: TROOP MONTHLY REPORT																																					
SECTOR		CLASSES OF BEHAVIOUR																																			
SE		1	In urban area				4	Attacking pets				7	Threatening behaviour /attack/stealing food																								
BABOON TROOP: Smitwinkel		2	Raid bins				5	Raid unoccupied house or vehicle				8	Breaking & Entering/Damaging property																								
MONTH: December 2014		3	Non malicious damage				6	Raid occupied house or vehicle				9	Nocturnal Raiding																								
BABOON ID	Sex	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL
SWB1	M																																				0
SWB6	M																																				0
Troop																																					0
UnID Fem	F																																				0
SWBF1	F																																				0
SWB9	M																																				0
UnID Male	M																																				0
SWB7	M																																				0
	%																													HRS							
Troop	0.0																																			0.00	
Individuals	0.0																																			0.00	
Males	0.0																																			0.00	
Roost:	AM	2	2	3	4	4	5	5	6	5	6	3	5	5	5	4	4	3	6	5	5	3	2	1	3	1	1	1	3	3	4	6	3	2	2	1	
Roost:	PM	2	3	4	4	4	5	6	5	6	3	5	5	5	4	4	3	6	5	5	3	2	1	3	1	1	1	3	3	4	6	3	7	7	1		
Roost Sites	1	Smits Caves				2	Partridge Point				3	Bluegums				4	Millers Point				5	Rocklands Farm															
	6	Castle Rock				7	SANParks																														
ID Features of Baboons																																					
General remarks																																					

Figure 1: Raid sheet for the Smitswinkel Troop

2. Waterfall Troop

The Waterfall Troop spent this month foraging around the South African Navy Armaments Depot (SANAD) and in the mountains around Redhill. The situation concerning baboon proofing at SANAD remains unchanged. This means that the baboons are still enticed to go back there as they can easily access bins and open offices, and therefore get rewards every time they manage to enter the facility. On one occasion, RH2 and a few individuals even entered the restricted area and stayed there for almost 30 minutes.

The troop slept at the SANAD sleep site for the majority of this month except on 11 December 2014 when they used the Plateau Road sleeping site for a night. They very rarely sleep at the Plateau Road site.

Of major concern is the fact that there is quite a lot of fighting between the two adult males, which leads to the troop splitting in two. The troop splits approximately in half and follows the two different males. Over the last two months, the troop has discovered the Cape Farmhouse vineyard and restaurant. Male members of the troop run all the way down to the restaurant and raid there, whilst the females follow the males, but then stop and just raid the top few rows of the vineyard.

The troop run down the valley early in the mornings. They then settle in the alien vegetation and from there enter the vineyard. This is a new trend in their behaviour as we used to be able to push them around the top of the mountain to the Cape of Good Hope Nursery side and they would happily forage there on the natural vegetation. This new trend can most likely be explained by the rewards gained for feeding from the grapes and the males raiding the restaurant. Unfortunately, we do not currently have access to the farm and it therefore becomes extremely complicated to manage the movement of the troop.

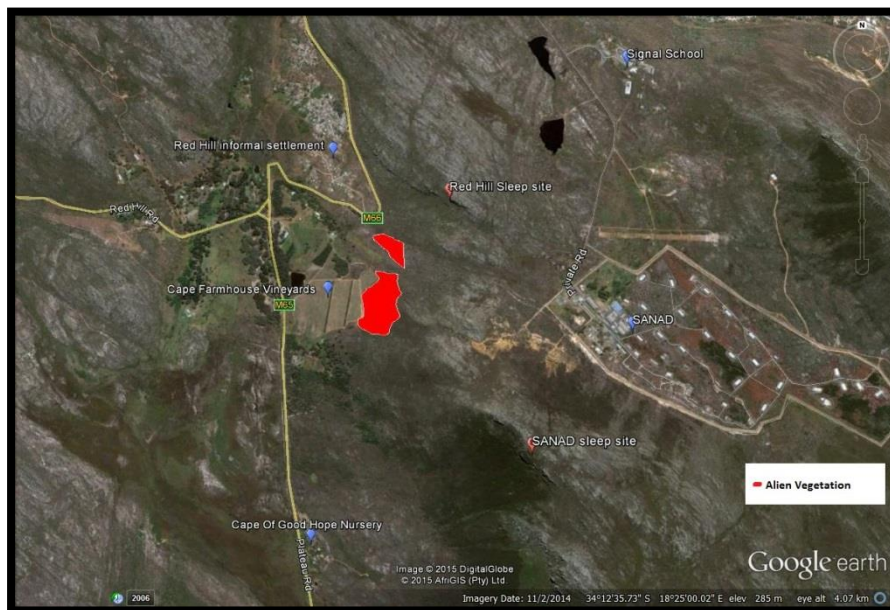


Figure 2: Area mostly used by the Waterfall troop. Alien vegetation highlighted in red, although the Google Earth map is outdated and the alien vegetation is vastly more than shown on the map.

HWS: TROOP MONTHLY REPORT																																																							
SECTOR		CLASSES OF BEHAVIOUR																																																					
SE		1	In urban area										4	Attacking pets										7	Threatening behaviour/attack/stealing food																														
BABOON TROOP: Waterfall		2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property																														
MONTH: November	2014	3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding																														
BABOON ID	Sex	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL																		
Troop																																					0																		
RH2	M							2	2								1	2						2													5																		
WF2	M																						1	5	2												3																		
WFF3	F																																				0																		
WFF4	F																																				0																		
UnID Females	F																																				0																		
UnID Juveniles																									2												1																		
UnID Male	M																																				0																		
WFF2	F																																				0																		
UnID Individuals																								2,5	2												3																		
	%																																				HRS																		
Troop	0.0																																				0.00																		
Individuals	0.1							15																													0.25																		
Roost:	AM	9	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	10	10																			
Roost:	PM	10	10	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	11	12	10	10	10	10	10	10	10	10	10	10	10	9	11	10	11																		
Roost Sites	1	Waterfall Cliff										2	Happy Valley Mnt										3	Signal School										4	Waterfall Barracks										5	Mountain Residents side									
	6	Admiral footpath										7	Not found										8	Happy Valley Home										9	Red Hill										10	SANAD									
	11	Mountain CoGHN										12	Gate 3 - Plateau Road										13	Rocklands farm										14	North peak																				
ID Features of Baboons																																																							
General remarks		South African Naval Ammunition depot (SANAD) area indicated in red																																																					

Figure 3: Raid sheet for the Waterfall Troop

3. Da Gama Troop

The Da Gama Troop has taken full advantage of the long days and warm nights this month. They have consistently been moving to Da Gama Park and sleeping at the flats, or in the pines near the flats. It is incredibly difficult to avoid this because the troop moves in the long evenings.

Waste management at the Da Gama Park Flats continues to be poor (Figure 4). In addition to a comfortable place to sleep, the troop raids the bins at the flats in the evenings and the early mornings. It is difficult to determine how much nocturnal raiding has taken place; hence, it is likely that the raid sheet is an underestimation of troop raiding for this month.

The knock on effect of this however, is that during the day the troop is easy to manage as they have already eaten human derived foods (HDF's) in the early mornings. When HWS rangers arrive in the early mornings, they are able to move the troop out of town quickly and keep them in the fynbos for the duration of the day. Smaller raiding parties have developed and are mostly led by DG11. A young adult male, DG11 has approximately three females (one with an infant) and one juvenile regularly following him, but he also often attempts to break the line by himself and has managed to get through on occasion.

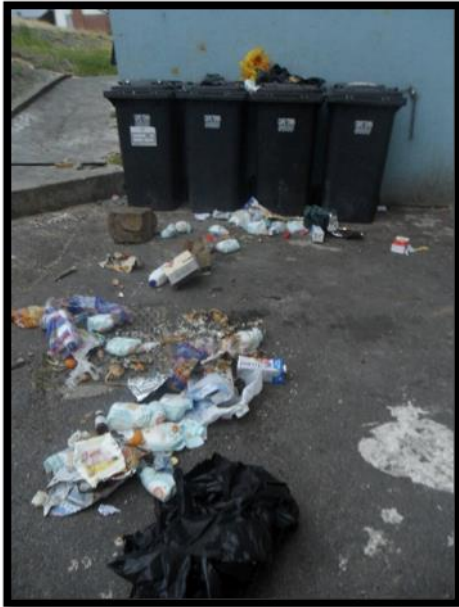


Figure 4: Poor waste management at the Da Gama Park Flats

DGF1 was reported to have bald spots over her body and on 17 November the veterinarian, Dr. Breed, came out to inspect the situation. From observations, it was determined that the most likely cause was sarcoptic mange (skin disease caused by infection with the *Sarcoptes scabiei* mite). On 23 December, Dr. Breed darted DGF1 successfully with a drop-out dart that contained Ivermectin which is the most effective treatment for mange. She has been carrying a small infant and tranquilization was not an option, as it would put the infant as well as the vet and ground staff in danger because SK3 is very protective of her. The effect of this treatment is being maintained.



Figure 5: DGF1 with bald patches on the left side of her body

DG12 and SK3 were also reported as having superficial injuries this month due to baboon on baboon fighting. DG12 had a large gash on his right back leg, and SK3 was limping after his foot was cut. Both animals were observed by the veterinarian on 23 December 2014. Both animals will be kept under observation, as in the past, these wounds have usually healed naturally.

HWS: TROOP MONTHLY REPORT																																											
SECTOR		CLASSES OF BEHAVIOUR																																									
SOUTH EAST		1 In urban area										4 Attacking pets										7 Threatening behaviour/attack/stealing food																					
BABOON TROOP:		Da Gama																																									
MONTH: December		2014																																									
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																							
BABOON ID		Sex	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL					
Troop							2,9								1						1				2			1**	1		1				2			8					
SK3		M	5				2																							1	1			5				5					
DG11		M			6		2										2							1			1			1	1			2			1	9					
DGF1		F					2																														1						
DGF2		F	5				2																														2						
UnID Females		F					2																								1			5			1	4					
UnID Female		F					2		1		1																1			1							5						
DG12		M					2																					1									1	2					
UnID Juvs							2				1										1				5	7*	1			1						3	1	10					
		%																											HRS														
Troop		0.6																											2.83														
Individuals		4.5	15		15				45		10					5					20					60			10	120	15	300			5	50	15	105	20		10	95	15.08
Roost:		AM	3	1	18	1	1	1,2	1	1,2	18	1	2	1	3	1	2	1,3	1,3	1,3	3	1,3	17	19	20	2	1	2	3	1	3	1,22	18,3	2	2,1	2,1	4,3						
Roost:		PM	22	22	1	1	1,2	2	22	22	1	2	1	3	1	1	1	1,3	1,3	1,3	16	1	19	20	1	17	3	8	16	18	1,22	22	2	2,1	16	8	1						
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																																									
		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 26 Scarborough																																									
ID Features of Baboons																																											
General remarks		Troop 1** - Troop spent a fare amount of time in Dalgleash, but this was permitted so that the vet could look at the sick and injured animals DG 11 - 7* raided a lunch box of municipal worker at the water works																																									

Figure 6: Raid sheet for the Da Gama Troop

Births and Deaths

2 Infants – Da Gama Park Troop

1 Infant – Smitswinkel Troop

It is assumed that SWB7 has died due to natural causes as he has not been seen this month.

There is no accurate account of births and deaths for the Waterfall troop, as they spend most of their time in dense vegetation and the entire troop is usually not seen.

Recommendations

- Baboon-proofing of poles that carry power lines is needed as there have been four deaths due to electrocution in the past 5 months.
- Cooperation and implementation of baboon-proofing recommendations and removal of at least the young fruit trees is urgently need to be implemented at SANAD
- Removal of fruit trees is needed at the Naval Barracks in Simons Town.
- Waste management and baboon-proofing needs to be addressed at the Red Hill Informal Settlement, possibilities of assistance through funding and events should be considered in order to help relieve some of the problems.
- Urgent action in terms of waste management is desperately needed in Da Gama Park, as the problem will not be resolved unless waste management is rectified.
- Clear signage is needed at Kleinplaas and Lewis Gay Dams to warn visitors about baboon presence.

South Western Region – Area Manager: John de Jager

1. Groot Olifantsbos Troop (GOB)

The GOB Troop has remained within the Cape of Good Hope Reserve (CoGH) for the whole of this reporting period. The troop has been tracked using telemetry throughout their home range, although they have spent the majority of the month in the Olifantsbos area and the terrain to the South of Klaasjagersberg offices. The movements of the GOB Troop must continue to be monitored through telemetry in the absence of a working GPS collar. At this time of year, the troop is left alone to minimize habituation and is only managed if they approach the Scarborough fence.

At no time this month did the troop attempt to enter the urban area and no raids were recorded.

During the previous reporting period there was concern regarding the draining of the dam near Olifantsbos in the COGH reserve. Earlier this month, it was reported that the dam had been refilled. This now provides another water source option to the troops. The availability of water in this dam allows the GOB and the Klein Olifantsbos (KOB) troops to utilise this as a water source putting less pressure on the use of 'Die Mond,' which is now predominantly utilised by the Misty Cliffs Troop. The availability of water at this dam means that the GOB troop can spend longer periods of time deep inside the reserve behind the Klaasjagersberg offices.

2. Misty Cliffs Troop (MC)

The Misty Cliffs Troop has spent most of the reporting period in the Bonteberg region of the CoGH Reserve. The troop managed to exit the reserve on three separate occasions with the longest period out of the reserve being six days.

Most of the raids that occurred over this period were attributed to MCF2 who, on five occasions, left the troop and entered either Scarborough or Misty Cliffs. MCF2 carried out bin raids on these occasions and fed on fruit trees within the urban area.

The troop entered the urban area on three occasions during this period. Bin raids were reported on 15, 16 and 25 December in Scarborough.

KOB1 (the alpha male of Misty Cliffs Troop) is still proving to be a valuable asset to the rehabilitation of the troop as he has shown that he is clearly a non-raiding baboon. On the three occasions where the troop entered the urban area, it was noted that the male remained outside the urban area. It is a positive sign that he does not feel comfortable within the urban area. He only entered the urban area on one occasion, in an attempt to collect a female from the troop, but spent the rest of the time on the firebreak calling for the females. KOB1 is currently asserting his dominance over the troop and there appear to be disruptions within the troop at times.

On 29 November a female, MCF3, gave birth to an infant, which was then killed on 1 December by KOB1. Because KOB1 only joined the troop on 18 October, most of the offspring would be from other males that interacted with the troop. Males were seen covering females prior to KOB1 joining the troop. The infanticide that occurred has disrupted the troop, with the females wanting to move away from KOB1 in order to protect their young. This has led to the troop splitting up at times,

making management difficult and causing the troop to push back to the Misty Cliffs and Scarborough areas.

The female, MCF2, is continuing to display strange behaviour by spending prolonged periods away from the troop and raiding alone. In addition, she continues to call the rest of the troop to join her in the urban space.

HWS: TROOP MONTHLY REPORT																																					
SECTOR		CLASSES OF BEHAVIOUR																																			
		1	In urban area				4	Attacking pets				7	Threatening behaviour/attack/stealing food																								
BABOON TROOP:		2	Raid bins				5	Raid unoccupied house or vehicle				8	Breaking & Entering/Damaging property																								
MONTH: December		3	Non malicious damage				6	Raid occupied house or vehicle				9	Nocturnal raiding																								
BABOON ID	Sex	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
MCF2	F	1														2				2	2					2	2	2							2		
MCF3	F																									2	2									2	
KOB1	M																																				
Troop																										2	2									2	
	%	TIME SPENT IN TOWN (Minutes)																										HRS									
Troop	2,5																									60	240							180	8		
Males & Females	3,2	180														240				180	30							180							10,5		
Roost:	AM	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	
Roost:	PM	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	
		1	Misty Cliffs				2	CoGH Reserve				3					4					5															
		6					7					8					9					10															
ID Features of Baboons																																					
General remarks		An adult male from the Klien Olifantsbos Troop joined the MC troop on 18/10																																			

Figure 7: Raid sheet for Misty Cliffs Troop

3. Slangkop Troop

The Slangkop Troop has spent almost all of December at the Compass Bakery roost site. No house raids were reported this month for this troop.

Most raids recorded are for bin raids in Ocean View with a minimal amount of time in town.

On 16 December, the troop gained access to the residential area of Capri and a few juveniles entered the garden of one of the residents. The resident threw stones at the juveniles which resulted in DG6 charging the resident to protect the juveniles. The charge stopped when the resident fell over a pot in his garden.

Depending on the movements of the Da Gama Troop, the Slangkop Troop is easily managed if they spend most of the day foraging in the mountain between Ocean View and Kleinplaas Dam. The bin raids in Ocean View have continued, but are very brief and sporadic with the baboons spending ten minutes or less in town. The raids are usually by the same two to three females and the alpha male, DG6.

HWS: TROOP MONTHLY REPORT																																						
SECTOR		CLASSES OF BEHAVIOUR																																				
		1	In urban area			4	Attacking pets				7	Threatening behaviour/attack/stealing food																										
BABOON TROOP:		Slangkop		2	Raid bins			5	Raid unoccupied house or vehicle				8	Breaking & Entering/Damaging property																								
MONTH: December		YEAR: 2014		3	Non malicious damage			6	Raid occupied house or vehicle																													
BABOON ID	Sex	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	TOTAL
DG6	M	2	2	2			2	2			2	2						2		2							2,7							2	2			
SKF1	F	2	2				2					2								2				2			2											
SKF2	F						2					2								2							2											
Troop																												2										
		%		TIME SPENT IN TOWN (Minutes)																																		
Troop		0,3																										60									1	
Males + Females		0,4		5	5	5				5	5			5	10					10					10									5	10		1h25	
Roost:		AM	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Roost:		PM	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
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 8: Raid sheet for Slangkop Troop

Births and Deaths

Two births were recorded in the Misty Cliffs Troop on 29 November and 26 December.

One death (infanticide) was recorded in the Misty Cliffs Troop on 1 December.

Recommendations

- The incident of aggression by the alpha male of the Slangkop Troop, in retaliation to the threat against his juveniles, should be followed up on, by educating the public to the fact that adult males can be dangerous and very protective over their offspring. The public are advised never to engage or, in any way, act in a threatening manner towards baboons, particularly babies and juveniles. Such behaviour is very likely to entice an aggressive reaction from adult baboons. The public should rather contact management on the baboon hotline for assistance.
- Education and waste management should be addressed again in the Ocean View area, especially in the area where the Slangkop Troop have a sleep site close to town.
- Signage along the top roads in Ocean View could assist with education of the public.

Northern Region – Area Manager: Robyn Khoury

1. Tokai Troop

The Tokai Troop has spent much of their time this month in the middle and upper sections of Tokai Plantation, using their entire range from the northern edge of Buitenverwachting to the southern section near the Zwaanswyk fence.

Males this month that have made management difficult include TK40, TK28, TK42 and TK43.

TK40 has calmed down significantly this month compared to previous months. He has been pre-occupied with a female in the Tokai Troop, which seems to have distracted him from raiding. However, he has still run down to raid at Tribakery Restaurant, Forest Glade Centre, Tokai a few

times, and has managed to raid the surrounding houses. Additionally, he undertook a trip to the Cape Academy in Firgrove Way, however it did not take long for HWS rangers to get him back to the troop.

TK28 became a bigger problem this month than before. TK28 is the previous alpha of the Tokai Troop, and has not been a bad raiding male in the past. However, after losing several of his canines (he has one left) throughout the years, his position within the troop has fallen. This is a very natural progression and although TK28 has lost status in the troop, he is still an integral member in troop cohesion. It has however had the effect that he is no longer as attached to the troop as he has been in previous years, and hence has started leaving the troop regularly to raid.

He has found several access points into Zwaanswyk, over the Steenberg fence, and has been frequenting houses at the top of Zwaanswyk Road on a regular basis (Figure 9 Raid sheet). Generally, he is returned to the troop within the hour by HWS rangers, however this does give him enough time to gain some food rewards. The four known access points over the Zwaanswyk fence are two large rocks, a pole, and an overhanging tree near the Steenberg fence. Once in Steenberg, TK28 can easily jump the Zwaanswyk fence into Zwaanswyk suburb. HWS rangers have tried guarding these access points, but TK28 just uses the one that is not guarded.

In the upcoming months, HWS managers will be working closely with Zwaanswyk residents and Steenberg Estate Management to try resolve these fencing issues. The preferred action would be to make sure that the fence is raised and thereby precluding TK28's access to Zwaanswyk.

HWS: TROOP MONTHLY REPORT																																																								
SECTOR		CLASSES OF BEHAVIOUR																																																						
SOUTH EAST		1	In urban area										4	Attacking pets										7	Threatening behaviour/attack/stealing food from person																															
BABOON TROOP:		2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property																															
MONTH: Nov - Dec		3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding																															
BABOON ID		Sex	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Total																		
TK 28 (B-G) Collar		M					6		1			1,2														2			1		1	1	6	6		1		11																		
TK 40 (P-Y) Collar VHF		M	5	5,6		2												6							2,5		1										8																			
TK 41 (Single Pink)		M																																																						
TK 42 (Blue Yellow)		M												6, 6, 2			5																				4																			
TK 43 (Single White)		M						5						6,6			5,5,5	5,5				2	6														10																			
MT 3 (Purple Blue)		M																																			0																			
UnID male		M																																			0																			
UnID Sub ad male		M																																			0																			
Un ID Female 1		F																																			0																			
UnID Female 2		F																																			0																			
UnID Juvenile																																					0																			
TKF 1 (B-B)		F																																			0																			
TKF 2 (Untagged)		F																																			0																			
TKF 8 (W -W)		F																																			0																			
Tokai troop																																					0																			
			%	TIME SPENT IN TOWN (Minutes)																										HRS																										
Tokai Troop		0.0																																		0.00																				
Individuals		0.0																																		0.00																				
Males		1.9	25	30		60	30		10				30													15		30	30		30	60	25	40	15		7.17																			
Roost:		AM	6	3	6	6	7	5	1	4	9	3	1	1	4	1	6	4	7	9	6	6	12	12	12	12	6	6	1	6	7	4	4	4	4	6																				
Roost:		PM	3	6	6	7	5	1	4	9	3	1	1	4	1	6	4	7	9	6	6	12	12	12	12	6	6	1	6	7	4	4	4	4	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	Level 3 Pines										9	Level 4 Pines										10	Level 2 Pines									
		11	Level 1a Quarry Gums										12	Other										13											14											15										
ID Features of Baboons																																																								
General remarks																																																								

Figure 9: Raid sheet for the Tokai Troop. Bold and italics indicate raids that took place inside non-urban areas.

TK43 and TK42 have been raiding within the non-urban areas around Chrysalis Academy on Porter Estate. They have been running down and raiding the kitchens where possible, and are very opportunistic. HWS rangers are keeping a close eye on them to avoid this becoming a more regular activity. It seems both TK42 and TK43 appear to be looking to disperse and have been exploring their neighbouring troops.

The only other incident this month concerns an untagged adult male in the Tokai Troop. This male is an immigrant from the Mountain Troop who has been with the Tokai Troop since July, and is not a raider. He was found on 28 November 2014 at Lister's Tea Garden, Table Mountain National Park, laying down in some bushes, with raspy breathing. When approached he did not move very fast nor did he seem very responsive. Veterinary assistance was required, and he was darted and examined. No serious external injuries were noted. There was a small puncture hole in his chest, but the cause or extent of the damage is unknown. A punctured lung is suspected, however this cannot be confirmed.

Following veterinary advice and injured baboon protocols, he was placed in the Westlake holding facility for observation and to allow him a chance to recover (Figure 10). He was closely monitored for five days and had recovered sufficiently to be released back with his troop on 2 December. At this stage he was eating well, although still moving slowly. His breathing sounded normal. This male was tagged blue-purple and given the code MT3. Since his release, MT3 has been monitored closely and seems to be making a full recovery. He is still moving slowly but has been foraging and keeping up with the troop.

Finally, a new born was spotted on 23 November 2014 in the Tokai Troop.

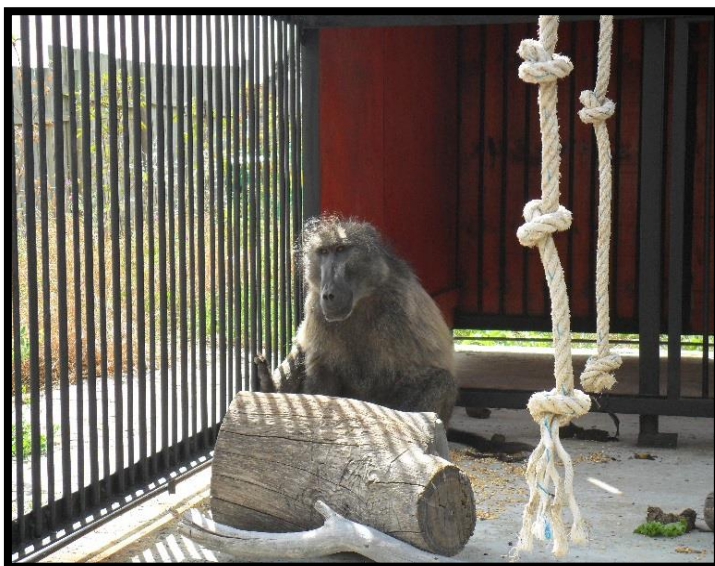


Figure 10: MT3 recovering from a suspected collapsed lung in the Westlake holding facility

2. Zwaanswyk Troop

The Zwaanswyk Troop has been fairly easy to manage this month. Unusually however, they have spent some time around and on Chrysalis Academy property, which is further north than their usual foraging range. There was minimal activity at Chrysalis Academy due to the holiday season, and hence minimal raiding opportunities. Where necessary, the troop was moved away from this area and encouraged into the Tokai Plantation. Other than this, the Zwaanswyk Troop spent a large portion of time around the southern section of the Tokai Plantation, and above Steenberg Estate. TK42 has been dispersing from the Tokai Troop and has been spending some time with the Zwaanswyk Troop. He seems to have taken interest in a female in that troop. It is possible he will settle in the Zwaanswyk Troop in the near future.

HWS: TROOP MONTHLY REPORT																																																			
SECTOR		CLASSES OF BEHAVIOUR																																																	
SOUTH EAST		1	In urban area										4	Attacking pets										7	Threatening behaviour/attack/stealing food from person																										
BABOON TROOP: Zwaanswyk Trg		2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property																										
MONTH: Nov - Dec YEAR:2014		3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding																										
BABOON ID	Sex	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Total														
Zwaanswyk Troop (ZT)																																					0														
Untagged Adult Male	M																																				0														
TKF 4 (Grey)	F																																				0														
TKF 5 (Green)	F														2								2													2															
TKF 7 (Red)	F																																				0														
Sub adult	M																																				0														
Un-ID fem	F																																				0														
Un-ID Juvenile																																					0														
	%	TIME SPENT IN TOWN (Minutes)																												HRS																					
Zwaanswyk Troop	0.0																																			0.00															
Individuals	0.0																																			0.00															
Males	0.0																																			0.00															
Roost:	AM	11	1	2	11	2	5	1	4	5	8	2	9	5	9	2	4	11	11	2	2	5	1	9	1	1	8	5	2	5	1	1	1	4	8																
Roost:	PM	1	2	11	2	5	1	4	5	8	2	9	5	9	2	4	11	11	2	2	5	1	9	1	1	8	5	2	5	1	1	1	4	8	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																																																			

Figure 11: Raid sheet for the Zwaanswyk Troop. Bold and italics represent raids that took place inside non-urban areas

3. Constantia Troop

During this reporting period, the Constantia Troop were kept out of Klein Constantia and Groot Constantia and foraged above the farms at the bike trails as well as in the natural vegetation above Groot Constantia.

There is an abundance of natural forage above Groot Constantia. This is, however, very near to Price Drive, so the troop is being watched closely when they are in this area to avoid them crossing over into the urban area. The troop has now been successfully excluded from Groot Constantia and Klein Constantia vineyards; hence it is vital that they are allowed access to this area to sustain their diet.

The troop has been kept off the lower gums sleep site during this reporting period. This is intended to be a permanent change. With the completion of the Groot Constantia fence, the troop is easily funnelled into the nearby urban area around Klein Constantia Road. They also have access to Klein Constantia vineyards when sleeping at the lower gums. Hence, it suits both HWS rangers and Klein Constantia staff to keep them at the upper gums or the bike trails. It is also beneficial in the long term for the troop to stay above the farms, as it encourages the use of fynbos and not grapes and barley for forage.

There were very few raiding incidents this month. TK33 and CON2 ventured into Price Drive to raid fruit trees in the gardens while CON7 raided little streams on 30 November 2014.

There was a new born spotted on 23 December 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	22	23	24	25	26	Total									
BABOON TROOP: Constantia Trp		In urban area	Attacking pets	Threatening behaviour /attack/stealing food from person																																	
MONTH: Nov - Dec		Raid bins	Raid unoccupied house or vehicle	Breaking & Entering /Damaging property																																	
YEAR: 2014		Non malicious damage	Raid occupied house or vehicle	Nocturnal Raiding																																	
BABOON ID	Sex	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	Total
TK 33 (R-O)	M							1																			2									2	
TK 15 (Y-O)	M																																			0	
TK 19 (R-W)	M																																			0	
TK 16 (W-W)	M																																			0	
TK 11 (O-W)	M																																			0	
CON 1 (Untagged)	M																																			0	
CON 2 (B-O) Collar VHF	M																										2									1	
CON 3 (G) S.Ad	M																																			0	
CON 4 (B) S.Ad	M																																			0	
CON 5 (G-G)	M																																			0	
CON 6 (O) Collar VHF	M																																			0	
CON 7 (P-G)	M									6																										1	
MT 1 (G-W)	M																																			0	
Untagged male	M																																			0	
Un-ID fem / Juv	F																																			0	
Un- ID/Unknown																																				0	
The Troop																																				0	
	%	TIME SPENT IN TOWN (Minutes)																												HRS							
Con Troop	0.0																																			0.00	
Individuals	0.0																																			0.00	
Males	0.2							20		5																		20								0.75	
Roost:	AM	3	3	3	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	3	1	3	1	1	
Roost:	PM	3	3	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	3	1	3	1	1		
Roost Sites		1 KC/GC Border - Upp. Blue gums				2 KC Lwr Blue Gums				3 KC/SANpk MTB trail up				4 Middle Plantation KC				5 Buiten BG																			
ID Features of Baboons		6 Uitsig BG				7 McKenzies/Groot				8 Other				9				10																			
General remarks																																					

Figure 12: Raid sheet for the Constantia Troop

4. Mountain Troop

This month the Mountain Troop has been seen fairly regularly. Unusually, they have spent some time with the Tokai Troop. This is likely because there are now several males from the Mountain Troop that have joined the Tokai Troop, which has improved inter troop relations. They even slept with the Tokai Troop at Level 1 of the Tokai clearing sleep site on one occasion.

The Mountain Troop has been foraging mainly above the Buitenverwachting property, however they have also been seen lower down on Level 1, in the northern side of Tokai Plantation. It is hoped this will not become a habit because it increases human-baboon contact, which has been traditionally avoided with the Mountain Troop.

Births and Deaths

Two births were reported this month. One in the Tokai Troop and one in the Constantia Troop. No deaths were reported.

Recommendations

- Klein Constantia: Rangers from both teams should continue to work together to create management strategies that suit both needs (keeping baboons off the farm and out the urban area), and that have positive long term implications for the Constantia Troop.
- Baboons in Zwaanswyk: The Zwaanswyk Residents Association, together with Steenberg Estate and HWS Management will be meeting to discuss increasing the height of the upper Steenberg Fence to prevent baboons accessing these estates by jumping from rocks and trees adjacent to the fence.

C. GENERAL COMMENTS ON ALL BABOON TROOPS**Population Data**

The most notable trend this month, in terms of the managed baboon population, is the sudden spurt of births. This month there were seven births and only two recorded deaths, so there was a nett gain of five baboons. This is a much bigger gain than for any other month of the year. It is difficult to explain this sudden spurt, particularly as the birth rate has been slow for all the troops over the past year and more. There has also been no noticeable seasonal pattern in terms of births over the past two years, with births occurring all year round. This is the pattern traditionally associated with chacma baboons.

The total estimated increase in the managed baboon population during 2014 is seven individuals, which represent a growth of only a 1.8%. These data will be ratified by a total ground count early in 2015.

**Population Data for the Ten Managed Troops
on the Cape Peninsula**

TROOP	Total End Dec 2012	Total End Dec 2013	Dec Births	Dec Deaths	Total Births 2014	Total Deaths 2014	TOTAL CURRENT POPULATION
Da Gama Troop	54	44	2		9	7	46
Smitswinkel Bay	23	21	1	1	6	8	19
Waterfall	28	30			0	1	29
Groot Olifantsbos	19	19			0	0	19
Misty Cliffs Splinter	18	17	2	1	2	3	16
Slangkop	33	40			6	2	44
SUB TOTAL	175	171	5	2	26	21	173
Zwaanswyk	25	30			2	4	28
Tokai	61	70	1		12	7	75
Mountain	33	44			3	0	47
Constantia	60	72	1		5	6	71
SUB TOTAL	179	216	2	0	22	17	221
TOTAL	354	387	7	2	45	38	394

Table 1. Population data for the ten managed troops on the Cape Peninsula.

Hotline Data

This month, like last, the hotline was again pleasing quiet, with only 32 calls coming from managed areas. Once again, a few males from the Tokai Troop were responsible for most raids, with TK28 causing most concern in Zwaanswyk. He is still managing to gain access into Zwaanswyk via the below spec. Steenberg Vineyard fence. HWS staff and Zwaanswyk representatives will be meeting with Steenberg officials this month to discuss the upgrade of this fence.

Scarborough (10 calls) was virtually the only other area to report baboon raids this month. On three occasions the Misty Cliffs Troop broke through into town, but because the new alpha male, KOB1, is

a non-raiding unhabituated male, the raids by the rest of his troop were of short duration. The old female, MCF2, also raided a few times on her own.

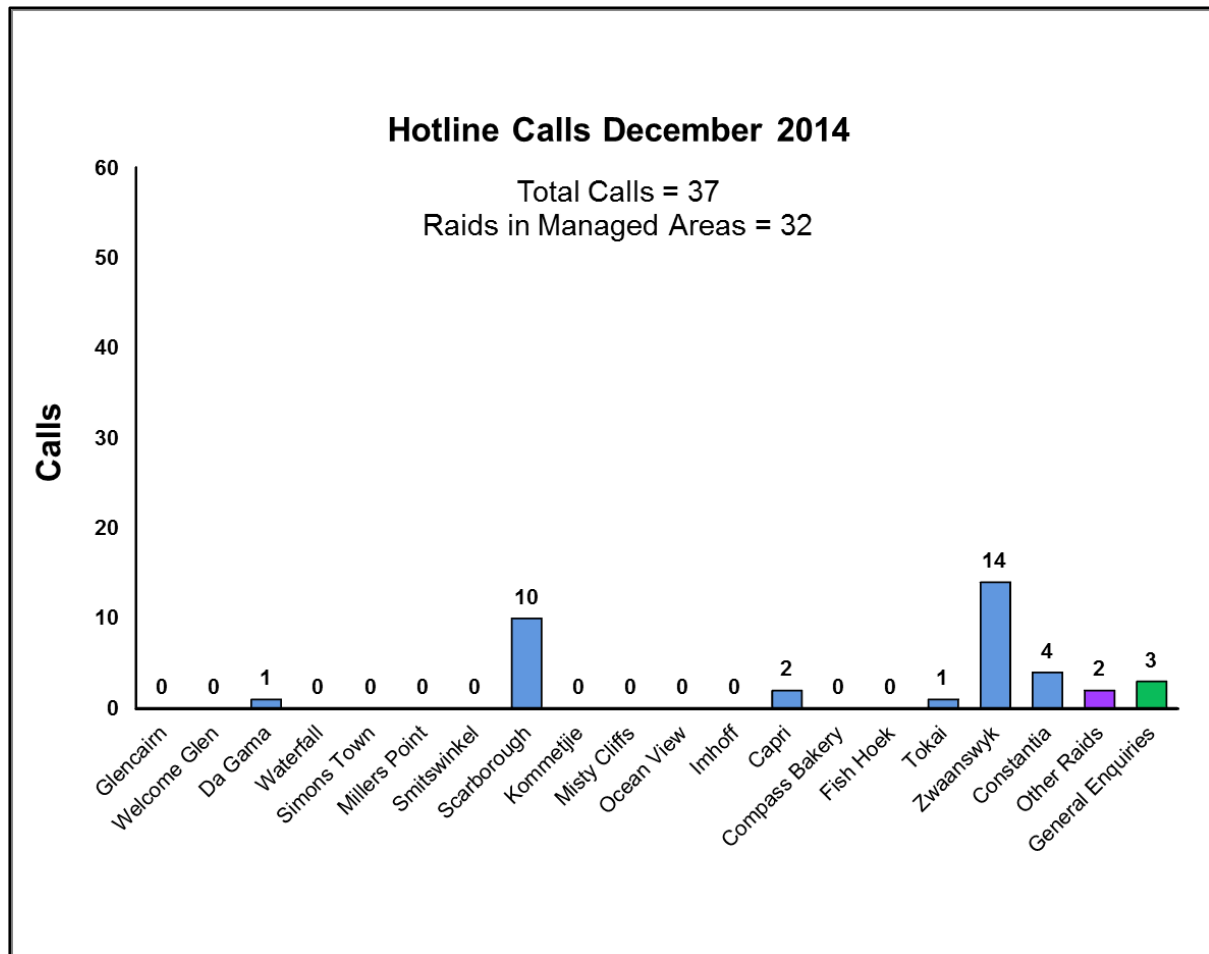


Figure 13: Hotline calls summary per urban area

The composition of hotline calls was much the same as usual this month, with just under 80% of all calls reporting baboons in town. The remaining calls however, were all reporting aggressive raids – raiding occupied houses or threatening or attacking people. This may be a seasonal phenomenon with more open air / open door parties taking place, and being held by tourists unaccustomed to baboon etiquette.

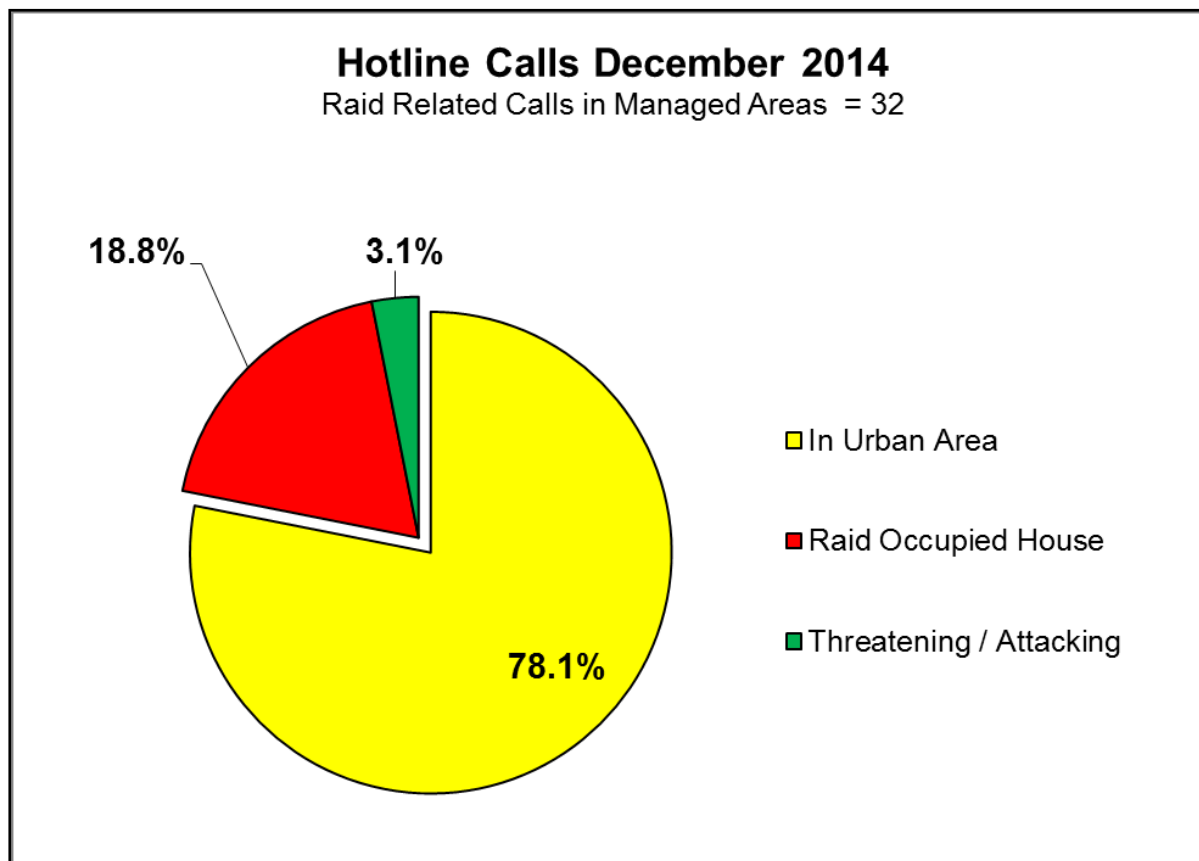


Figure 14: Composition of raid-related hotline calls

Percentage Time out of Town

This month, with the commencement of the new 2014 – 2017 baboon management contract, the requirement by the CoCT in terms of keeping baboon troops out of town, was increased from 80% to 90%. This 10% increase may sound large, but is considered perfectly reasonable by HWS. This is because if the baboons are allowed to spend anywhere near 20% of their time in town, they will almost certainly meet just about all their energy requirements while raiding in town for this period of time. In a twelve hour day, 20% time in town is equivalent to 2.4 hours per day, or almost 5 hours every second day. With this amount of time in town per day, baboons could virtually subsist by feeding only in town, and spend the time out of town just resting.

This month the troops spent 99.7% of their time out of town. This is 0.1% below last month's record. Individuals, however, spent 99.0% of their time out of town, and this is a new record for HWS.

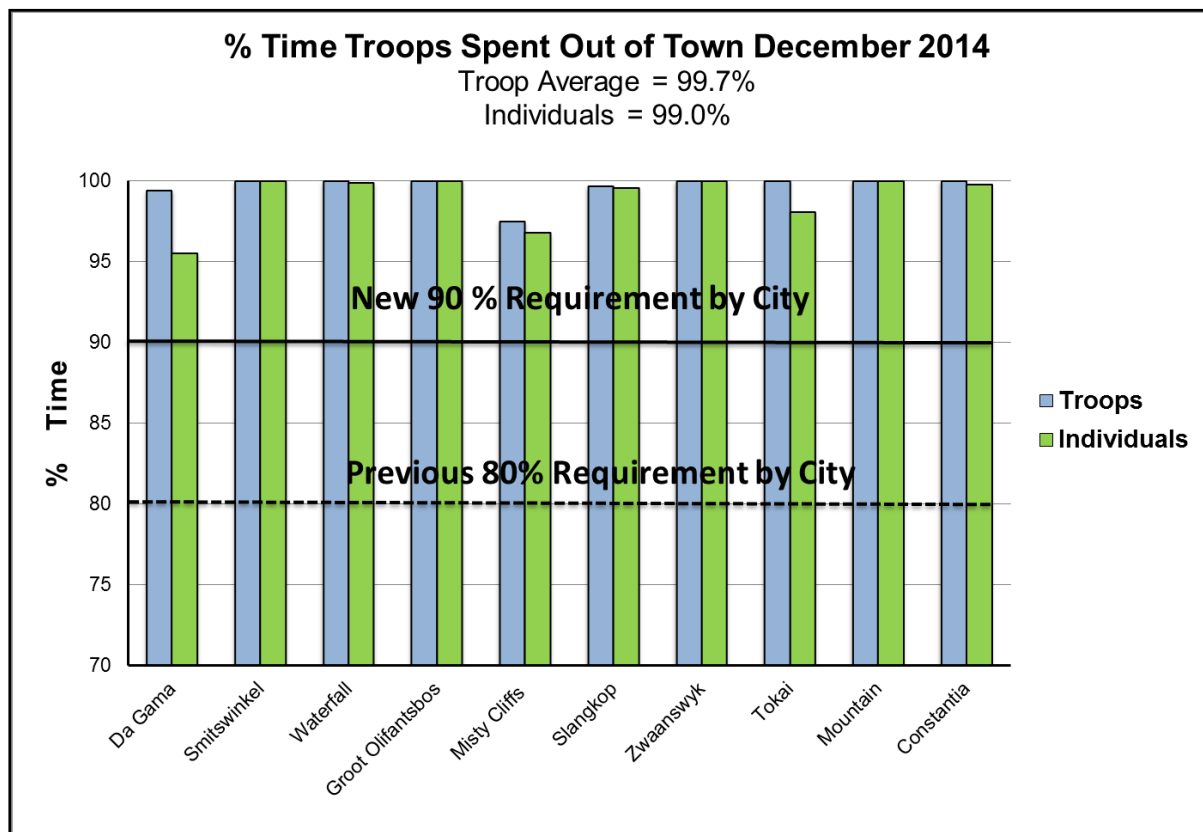


Figure 15: Percentage time troops spent out of town. (Note, the previous 80% requirement has been increased to 90% for the 2014 – 2017 tender).

Conclusion

The most notable features of this month's report, are that we have managed to go through another festive season with baboons spending very little time in town (0.3%), and with very few incidents of raids on tourists or residents being reported. It is fortunate that the festive season falls in mid summer which is, as mentioned in previous reports, the best time of year for managing baboons. The weather is warm, there is good forage available in the vynbos, and there is still drinking water available in the natural streams. Maintaining these records will therefore become increasingly difficult as the summer progresses and the vynbos starts to dry out.

This month has therefore, been a very good start to HWS' new contract to manage baboons for the City of Cape Town. It is the aim of HWS to continue to improve the management of the Cape Town baboons and even achieve a 100% out of town record in some of the months to come. HWS will also be working on improving management techniques and finding more innovative and less invasive ways to persuade baboons to stay out of town. All the staff at HWS look forward to providing a good and worthwhile baboon management service to the City and residents of Cape Town.

Dr Phil Richardson

Human Wildlife Solutions