



Photo: Kim Gordon

Human Wildlife Solutions

Monthly Report

March 2019

TABLE OF CONTENTS:

A. INTRODUCTION	3
B. BABOON MANAGEMENT AND RAID REPORTING	3
SOUTH EASTERN REGION – AREA MANAGER: BRONWYN MAREE / CATH SHUTTE	3
1. SMITSWINKEL BAY TROOP	3
2. WATERFALL TROOP	5
3. DA GAMA TROOP	7
SOUTH EAST REGIONAL SUMMARY:	11
Births and Deaths	11
Recommendations.....	11
SOUTH WESTERN REGION – AREA MANAGER: CATH SHUTTE.....	12
1. GROOT OLIFANTSBOS TROOP (GOB)	12
2. THE SLANGKOP TROOP	14
SOUTH WEST REGIONAL SUMMARY:.....	16
Births and Deaths	16
Recommendations.....	16
NORTHERN REGION – AREA MANAGER: STEPhANUS FERREIRA	16
1. Tokai Troop	16
2. ZWAANSWYK TROOP	18
Births and Deaths	18
3. CONSTANTIA TROOP 1 (CT1)	19
4. CONSTANTIA TROOP 2 (CT2)	20
Births and Deaths	20
5. MOUNTAIN TROOP	21
Births and Deaths	21
NORTH REGIONAL SUMMARY:	21
Births and Deaths	21
Recommendations.....	21
C. COMMUNITY AWARENESS AND EDUCATION	22
Community Conservation Officer’s Monthly Feedback for March 2019:.....	22
D. GENERAL COMMENTS ON ALL BABOON TROOPS	24
1. Population CHARACTERISTICS	24
2. Hotline Data	25
3. Percentage Time Out of Town	26
E. CONCLUSION	28

A. INTRODUCTION

This monthly report covers the period from 1 to 31 March 2019. Although this period represents the end of summer, when both food and water conditions may be limiting, the troops still spent an average of 99.9% of their time out of town. Unfortunately however, the average time individuals spent in town increased by nearly two percent, with them spending an average of only 92.6% of their time out of town. This raiding trend by individuals occurred in almost every troop except the two Constantia Troops and the Mountain Troop, where raids on the farms are not considered urban raiding.

This month there was also a general increase in assertive raids by individuals, with 24 raids on houses or baboons stealing directly from people being reported on the hotline. This is almost double the number reported last month.

B. BABOON MANAGEMENT AND RAID REPORTING

SOUTH EASTERN REGION – AREA MANAGER: BRONWYN MAREE / CATH SHUTTE

1. SMITSWINKEL BAY TROOP

In Town Statistics

- The Smitswinkel Bay Troop spent 99,6% of its time out of the urban area.
- Individuals spent 95,8% of time out of the urban area.
- The troop utilized its northern sleep sites for 58% of the month and the southern sleep sites for 42% of the month.

Incidents that affected management

The Black Marlin Restaurant:

- Baboons visited the restaurant on seven occasions this month and managed to gain access to the kitchen on all these occasions.
- A baboon-proof security gate was fitted to the outside kitchen door. However, staff still left the gate open, and the baboons gained access to the kitchen.
- There are a number of fruit trees on the property that attracted individuals to the area.

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:	SMITS	2	Raid bins					5	Raid unoccupied house or vehicle					8	Breaking & Entering/Damaging property																		
MONTH: MARCH	YEAR: 2019	3	Non malicious damage					6	Raid occupied house or vehicle					9	Nocturnal Raiding																		
BABOON ID	Sex	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	27	28	29	30	31	TOTAL
SWB6	M				1										1						1	1										4	
PR3	M						5	1		6				6				1	6		1				1						6	6	10
UnID Males	M							1						5,2				6	6		1										1	7	
UnID Females	F				1														2												1	3	
UnID Juveniles																		1														1	
UnID Individuals																1,6					1	1,2								1		6	
Troop																			1													1	
	%	TIME SPENT IN TOWN (Minutes)																													HRS		
Troop	0,4																	80														1,33	
Individuals	4,2					14	8	40		30				24		120		105	40		119	260			10						30	20	13,67
Roost:	AM	1	7	7	1	4	4	5	5	4	5	1,5	1,5	1,4	5	5	4,5	6	4	5	5	5,4	5,4	3	1	6	7	7	1	1	1	4	
Roost:	PM	7	7	1	6	4	5	5	4	5	1,5	1,5	1,4	4	5	4,5	6	4	5	5	5,4	5,4	4,3	1	1	7	7	1	1	1	4	4	
Roost Sites		1	Smits Caves					2	Partridge Point					3	Bluegums					4	Millers Point					5	Rocklands Farm						
		6	Castle Rock					7	SANParks					8	Other/Unknown					9						10							
ID Features of Baboons																																	
General remarks		Black, bold and italics text indicates raids at SANParks. Red Italics and bold indicate raids on the farms.																															

Figure 1: The Smitswinkel Bay Troop raid sheet for March 2019.

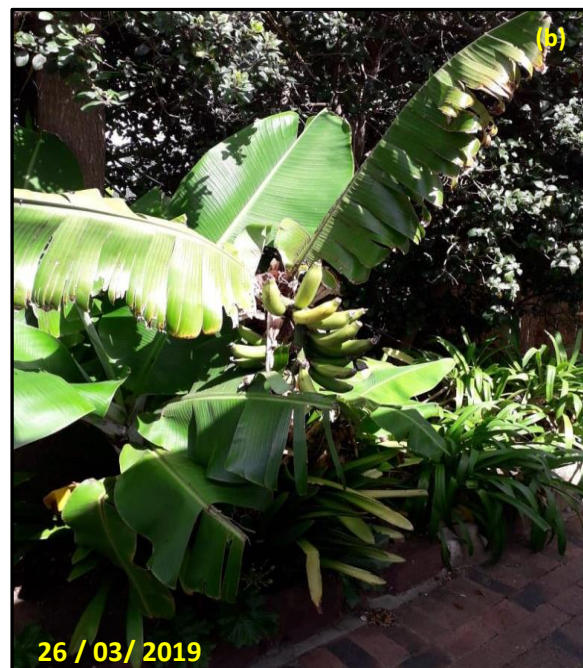


Figure 2: (a) Fruiting Palm and (b) a fruiting banana tree at the Black Marlin Restaurant.

Troop Movement:

- The death of Alpha Male SWB10 on 10 January 2019 has impacted the troop's movement patterns.
- Instead of moving as a cohesive unit, the troop has split into two smaller units on a few occasions.
- The two groups slept apart on seven occasions this month.

Millers' Point Picnic Site:

- The Millers Point picnic site, with its open braai facilities, acts as a major attractant to the baboons.
- The bins are accessed by baboons when not properly secured.

Murdoch Valley:

- There are a number of fruit trees and vegetable gardens in Murdoch Valley.
- Baboons entered Murdoch Valley on four occasions this month and only targeted houses with fruit trees.

Births and Deaths

No births or deaths were recorded for the Smitswinkel Bay Troop during March 2019.

2. WATERFALL TROOP

In Town Statistics

- The Waterfall Troop spent 100% of its time out of the urban area this month.
- Individuals spent 91,3% of their time out of the urban area this month.
- 51% of raids, took place on SA Navy properties and 49% of raids occurred in the urban area.
- The Waterfall Troop predominantly slept on the Waterfall Cliffs Sleep Site this month (77%). The remainder was spent on the Happy Valley cliffs (19%) and above the Quarry (4%).



Figure 3: The Waterfall Troop's movements during March 2019.

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:	WATERFALL	2	Raid bins											5	Raid unoccupied house or vehicle											8	Breaking & Entering/Damaging property														
MONTH: MARCH	YEAR: 2019	3	Non malicious damage											6	Raid occupied house or vehicle											9	Nocturnal Raiding														
BABOON ID	Sex	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	27	28	29	30	31	TOTAL								
CON4	M					5					2	5		6					2	6	2		2					1					9								
WF5	M		2			5														6									2	1			5								
UnID Males	M		2,2							6		5	2	2	5	1	2	6	1	6,6,7	2		1	2		1	2						20								
UnID Females	F		2,5										2	2					1							1		1	2	1			9								
UnID Juveniles																																	0								
Unid Individuals			2	2,5	1	2		2,6,5,2	1,5,6	1,5	1,2,6		2	1		2,5,6,1	5,6,1	5,6,5				1,2		2,5,6	2	2,2,5,6,2	1	2	6	5,2	1	44									
Troop																																	0								
	%	TIME SPENT IN TOWN (Minutes)																														HRS									
Troop	0,0																															0,00									
Individuals	8,7		75	25	28	23	17	150	5	20	45		92	11		180	50	90	46		16	10	120	90		175	120	57	115	73	40	27,88									
Roost:	AM	10	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	2	2	1	1	15									
Roost:	PM	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2	1	2	1	1	1	1	1	1	1	1	2	2	1	1	15	1									
Roost Sites		1	Waterfall Cliff							2	Happy Valley Mtn							3	Signal School							4	Admiral Footpath							5	Red Hill						
		6	Mountain CoGHN							7	Gate 3 - Plateau Road							8	Shamballah Pines							9	North Peak							10	SANAD						
		11	Bungalow							12	Murdock Valley Cliffs							13	Rocklands Valley							14	Other							15	Quarry						
ID Features of Baboons																																									
General remarks		Red, Bold and Italics indicates raiding inside the South African Naval Ammunition Depot (SANAD) and Signal School. Black, Italics indicates raiding on farms.																																							

Figure 4: The Waterfall Troop's raid sheet for March 2019.

Incidents that affected management**The South African Navy: Simon's Town:**

- Like last month, the majority of the raids took place on Navy land this month. With an absence of effective baboon-proofing in place, facilities belonging to the South African Navy, continued to be a constant source of attractants for baboons.
- The lack of baboon-proofing of waste (bins) is a severe problem at all naval facilities, but at the South African Naval Armament Depot (SANAD) in particular.
- Individuals raided bins at Navy facilities on 17 occasions this month.
- It is also interesting to note that the majority of assertive raids (entering either occupied or unoccupied buildings) occurred on Navy land.
- Occupied and unoccupied rooms were raided on 12 and 15 occasions respectively.

Untagged Male, GOB Troop:

- On 1 March 2019, the untagged male from the GOB Troop chased the Waterfall individuals down the Klaasjagersberg slopes towards SANAD. The individuals jumped the fence into SANAD and scattered into the Red Zone.
- Rangers tried hard to move the baboons over the fence and back up the Klaasjagersberg. However, the baboons jumped over the northern fence line and ran through Klawer Valley and entered Simon's Town.

Births and Deaths

- There were two births in the Waterfall Troop this month, on the 11th and 29th of March.
- On 7 March, an adult female was seen carrying a dead infant. The cause of death is thought to be infanticide.

3. DA GAMA TROOP**In Town Statistics**

- Time out of town for the troop was 99.3%. This is a slight reduction compared to February 2019 (99.9%).
- For individuals, however, time out of the urban area increased from 79.2% in February 2019 to 89.4% in March 2019. Just over 34 hours were spent in town by individuals during this month.
- The troop spent an increased number of nights out of town in March (6 nights, 20% of the month) compared with only two nights (7% of the month) in February 2019. These nights the troop slept at Maylands, Grootkop and Red Hill/Winford Farm sleep sites.

- The troop spent the remaining 25 nights (80% of the month) sleeping in town, mainly at the Da Gama Park Naval flats and pine trees near the flats.

Incidents that affected management

DG18 and DG14 raids

- On 4 March, DG14 and three females broke to Welcome Glen, where two bins were raided by a female.
- On 26 March, DG14, two females and one juvenile entered Pine Haven and raided a fruit tree.
- On 29 March, DG14 entered Welcome Glen and raided a house in Gleneagle Road and one in Glenalpine Road. While DG14 was still in Welcome Glen, five females broke the line and entered the urban area. Two of the five females raided a house in Glenhurst Road, Welcome Glen.

DG18 and DG14 fighting

- On 5 March, DG14 chased DG18. This led DG18 and two females to break into 14th Avenue, Da Gama Park. They were later joined by a sub-adult male and three females.
- On 30 March, DG14 and DG18 fought for many hours during the day. Following on from the fighting, DG18 remained on the outskirts of the troop, avoiding DG14. DG14 sustained a small cut on the right-hand side of his neck. DG18 sustained a larger cut on the left-hand side of his neck.

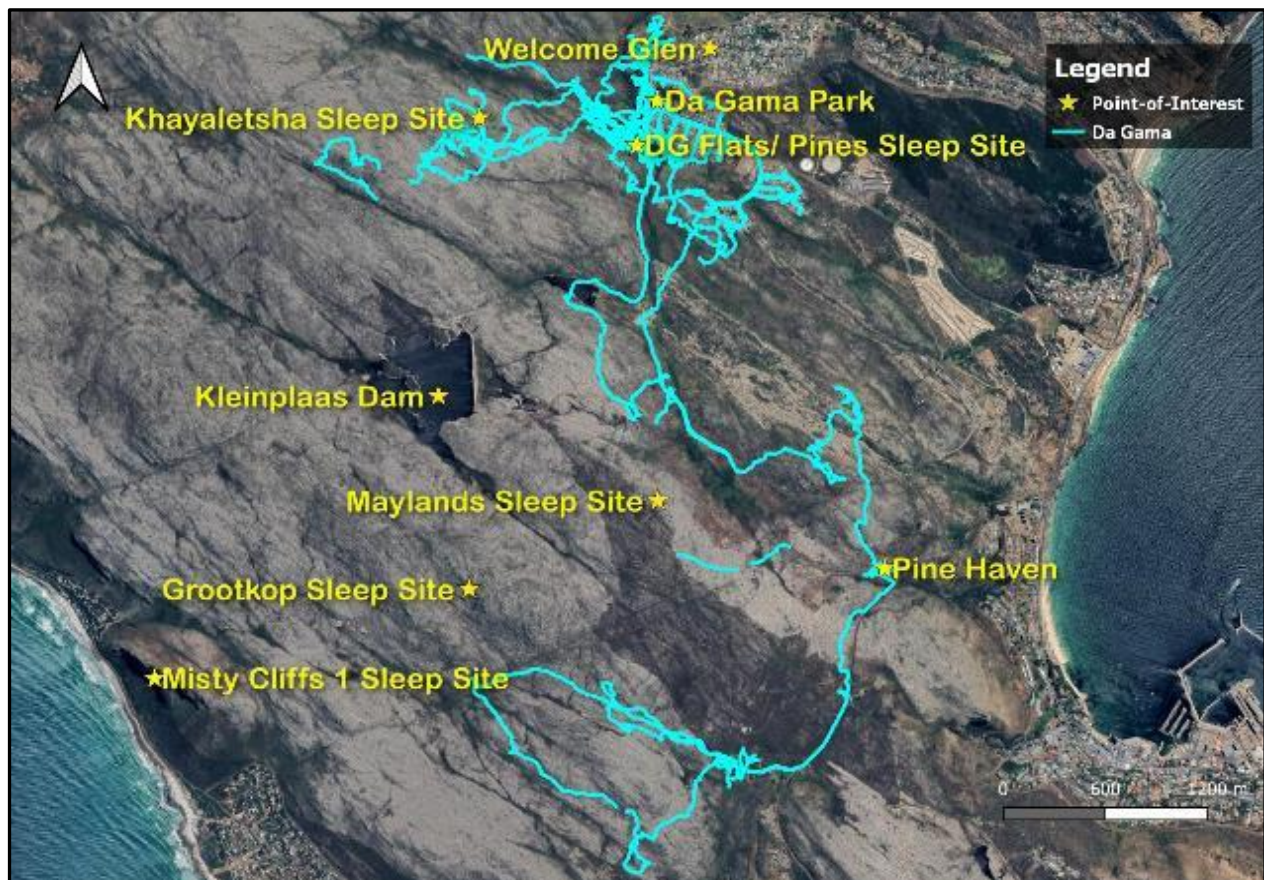


Figure 5: The Da Gama Troop's movements during March 2019.

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	27	28	29	30	31	TOTAL																							
BABOON TROOP:	DA GAMA	In urban area		Attacking pets		Threatening behaviour/ attacking/ stealing food																																																		
MONTH: MARCH	YEAR: 2019	Raid bins		Raid unoccupied house or vehicle		Breaking & Entering/ Damaging property																																																		
		Non malicious damage		Raid occupied house or vehicle		Nocturnal Raiding																																																		
BABOON ID	Sex	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	27	28	29	30	31	TOTAL																							
Troop							2					1														1							3																							
DG14 (O-G)	M				1	2				1			1												1		1			6,6			8																							
DG18	M			1	1				1	1					1,1		1			1	1,1	1									1		12																							
DGF1	F																						1										1																							
DGF2	F																																0																							
DGF4	F																																0																							
UnID Females	F		1	1	1,1	1,1	1,1	1,2		1				1	1,1,1	1	1		2,5	1,1	1,1,2,2	3,1	1	1			1			6	1		33																							
UnID Female	F				2		1								1						2	1	2		1	6				1			9																							
UnID Individuals						2			1																	2,2							4																							
UnID Juvs			1		1					6															1		1						5																							
	%	TIME SPENT IN TOWN (Minutes)																																																						
Troop	0,7																																																							
Individuals	10,6	87	141	224	103	207	75	137	8			67		38	94	85	135	0	30	64	80	85	45	113	10	65		10			173	86	15	2,20																						
Roost:	AM	1,2	3	2	2,1	2,1	2,1	2	2	17	19	19	2,1	2,3,1	2,1	3	1,2,3	2	3	1,2	1,2	2,1	2,1	21	17	20	2,1	17,21,2	17	2	3,5	2																								
Roost:	PM	2	1,2	2,1	2,1	2,1	2	2	17	19	19	2,1	2,3,1	2,1	3	1,2	2	2	1,2	2	2	2	21	17	20	1	21	17	2	3,5	2	2																								
Roost Sites																																																								
		1 Flats											2 Pines - Flats											3 Pines - Da Gama											4 Pines - WG											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											20 Grootkop										
		21 16th Avenue, DG											22 Lewis Gay Dam											23 Pinehaven											24 Kleinplaas Dam											25 Scarborough										
		26 Blue Gums, Waterworks											27 Other																																											
ID Features of Baboons																																																								
General remarks																																																								

Figure 6: The Da Gama Troop raid sheet for March 2019.

Welcome Glen

- On 6 March, a hotline call was received informing the team of a female raiding a bin in Welcome Glen.
- On 21 March, three females did non-malicious damage to a house gutter in Glenoak Road.

Da Gama

- On 6 March, the troop raided several bins. This was because the troop was being held in the area of the Dagleish boom gate in order to capture injured individuals. However, the capture was postponed to 7 March.
- On 18 March, an unoccupied house raid occurred (dog food was reported as missing). A bin raid also occurred on a separate property in 16th Avenue.
- On 20 March, three bins were raided by a female in 3rd Avenue.
- On 22 March, a female raided a bin in 14th Avenue.
- On 25 March, a female entered an occupied classroom at the Crèche in Da Gama Road.
- On 25 March, two bins were raided, one in 9th and one in 12th Avenue.

Injuries

- On 2 March, a juvenile was electrocuted while playing on the powerlines at the back of Kroonseil Naval Flats, Da Gama Park. The juvenile was monitored over the following days and a vet was called out to assess the injury. Unfortunately, the injury was severe, and the juvenile was euthanized for humane reasons.
- On 3 March, the female that was injured by the Pitbull in January 2019, was located. She was still moving very slowly, was isolated from the troop and did not seem to be foraging successfully. A vet was called out and the female assessed, unfortunately she was in a poor condition and was euthanized

for humane reasons.

- On 21 March, a hotline call reported a baboon was hit by a car on the Glencairn Expressway. The animal did not appear to have immediate injuries and soon returned to the troop. The troop was monitored for days following this incident, but no injured individual was noted.

Other raids, incidents or activities

- On 9 March, a juvenile raided a fridge (taking a container of yoghurt) at a house on Winford Farm. The Supervisor had spoken to the homeowner to advise him to close doors and windows as the troop was in the area, but he chose not to take his advice. The farmer responded by chasing the baboons with his personal paintball marker. The Field Manager addressed this with the farmer.
- On 27 March, a bin audit was initiated in Welcome Glen and Da Gama Park, where we noted whether the bins were baboon-proof or not, the locks were working, and the bin was effective (i.e. not cracked). Ineffective bins and their associated waste are major attractants for baboons in Welcome Glen and Da Gama Park. The audit is on-going, and we hope to conclude it by May 2019, the results will be published once the audit has been finalized.
- On 27 March, three females broke the line towards 16th Avenue. After being cut off they, moved towards Pine Haven, crossed Red Hill Road and headed down the hill towards Simon's Town. Once again, they were blocked, pushed back to the top of the hill, at which point they broke again reaching the top of Happy Valley. They started to descend the valley but were soon scared back up by a male from the Waterfall troop. They rejoined the Da Gama Troop just before the end of the day.
- During March, HWS visited various properties, known to be point source attractants for baboons. Reports which detailed management action for landowners were issued to some of these properties.



Figure 2: Waste management remains a major issue in Da Gama Park and Welcome Glen (a). The bin-bays locks at the Naval flats in Da Gama Park remain an issue, either continually being broken or stolen (b). The residents fitted a new lock to the Kroonseil flat towards the end of March 2019 (c).

Births and Deaths

- On 7 March, a new born was spotted at the start of the day, which had clearly been born that morning.
- On 11 March, a new born was spotted towards the end of the day.
- On 7 March, the female injured by a Pitbull (mentioned above) and the electrocuted juvenile were darted, assessed and then euthanized by a Veterinarian. Autopsies were conducted on both individuals.

SOUTH EAST REGIONAL SUMMARY:

Births and Deaths

- There were two births and one death in the Waterfall Troop during March.
- No births or deaths were recorded in the Smitswinkel Bay Troop during March.
- Two births and two deaths were recorded for the Da Gama Troop this month.

Recommendations

- **Fruit which is visible on fruit trees should be harvested** in baboon-affected areas to remove this attractant for baboons.
- **Open vegetable gardens** also attract baboons. Baboon-proofing of all domestic vegetable gardens in baboon-affected areas will reduce baboon incursions into the suburbs. Residents are therefore requested to baboon-proof their vegetable gardens.
- **New baboon-proof bins** are required for many properties in Da Gama Park and Welcome Glen. This will reduce and prevent bin raids. The HWS community liaison officer is working with the CoCT waste department to negotiate for this to take place.
- The **bin-bays in Da Gama Park** need to be managed more effectively to reduce access of human derived foods to baboons.
- An **additional caged area has been found in one of the corridors at the SA Navy's Kroonseil Flats** (Da Gama Park) which requires fixing and closing off. This will prevent residents from using it as an additional waste storage area, which the baboons can easily access.
- To reduce the number of raids in Da Gama and Welcome Glen, residents should take preventative measures and ensure that their **doors and windows are closed**, and that **no food is left in sight** of baboons.
- **Poor waste management at the SANAD and the Waterfall Barracks** needs to be addressed to reduce the number of incidents occurring.
- **Waste and recycling** collection should be prioritized and collected in the early morning by CoCT waste collection service providers to avoid being an attractant to baboons.
- The **use of clear recycling bags** in baboon-affected areas should be re-evaluated as this remains an attractant for baboons.

- The installation of baboon-proof bins at the **West Yard, South African Navy docks** would assist in preventing baboon raids. Additional baboon-proofing at the **cafeteria at the West Yard** would similarly reduce baboon raids.
- Baboon raids at the **Waterfall Barracks** and **Happy Valley Shelter** would be considerably reduced if residents **closed doors and windows** when they left their rooms. Keeping all food out of the sight of baboons at all times would also reduce raiding.
- The **illegal use of paintball markers and pellet guns** by residents attempting to deter baboons from entering their properties is rising in the South East. The roll out of an education campaign and a coordinated initiative involving law enforcement by stakeholder authorities, is recommended.
- To prevent baboons from raiding, whilst still ensuring it is easily accessible for human customers, a solution is required for the **'What's Ya Flava' café** in Simon's Town.
- The security gate on the outside kitchen door of the **Black Marlin** should always be kept closed and the bin room door should be kept bolted when not in use.

SOUTH WESTERN REGION – AREA MANAGER: CATH SHUTTE

1. GROOT OLIFANTSBOS TROOP (GOB)

In Town Statistics

- The GOB Troop spent the entire month within the Cape of Good Hope (CoGH) section of the Table Mountain National Park (TMNP).
- The three GOB females (also referred to as the GOB individuals) and their three juveniles, roosted at the Misty Cliffs Sleep Site for the entire month of March.
- The GOB individuals spent 65,7% of their time out of the urban area this month.

HWS: TROOP MONTHLY REPORT																																		
SECTOR		CLASSES OF BEHAVIOUR																																
SOUTH WEST		1	In urban area										4	Attacking pets										7	Threatening behaviour/attack/stealing food									
BABOON TROOP:	GOB	2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property									
MONTH: MARCH	YEAR: 2019	3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding									
BABOON ID	Sex	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	27	28	29	30	31	TOTAL	
Unld Males	M																																0	
Females	F	1,6	1	1	1,6	1	1	1,2	1	1	1	1	1,5	1	1	1	1	1		1	1,1	1	1	1	1	1	1	1,5	1	1	1	1,6	37	
Unld Individuals																																	0	
Juveniles																																	0	
Troop																																	0	
	%	TIME SPENT IN TOWN (Minutes)																															HRS	
Troop	0,0																															0,00		
Individuals	34,3	74	120	252	245	300	293	80	390	320	225	165	75	347	307	65	185	277		90	240	115	255	95	375	130	373	145	430	155	135	360	110,30	
Roost:	AM	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1			
Roost:	PM	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1		
Roost Sites		1	Misty Cliffs 1					2	CoGH Reserve					3	Red Hill					4	Shamballah					5	Wildschutsbrand							
		6	Perdekloof					7	CoGH Nursery					8	Misty Cliffs 2					9	Gate 1													
ID Features of Baboons																																		
General remarks		Black, bold and italics text indicates raids at SANParks.																																

Figure 7: The GOB Troop raid sheet for March 2019.

Incidents that affected management

The HUB Restaurant, Scarborough

- Waste management at the Hub Restaurant in Scarborough was once again problematic this month.
- On 26 March 2019, HWS Community Conservation Officer visited the Hub Restaurant and found the door to the waste area open. Bags of food waste were placed in crates with no lids.

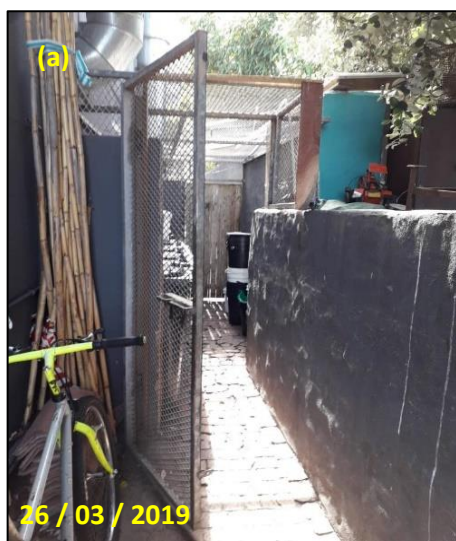


Figure 8: (a) The Hub waste area gate open and (b) crates full of accessible food waste.

Births and Deaths

No births or deaths were reported for the GOB Troop during March 2019.

2. THE SLANGKOP TROOP

In Town Statistics

- The troop spent 100% of time out of the urban area.
- Individuals spent 85,4% of time out of the urban area.
- The troop slept in the pine trees behind Ocean View for the majority of the month (79%) and on the Compass Cliffs Sleep Site for 21% of the month.

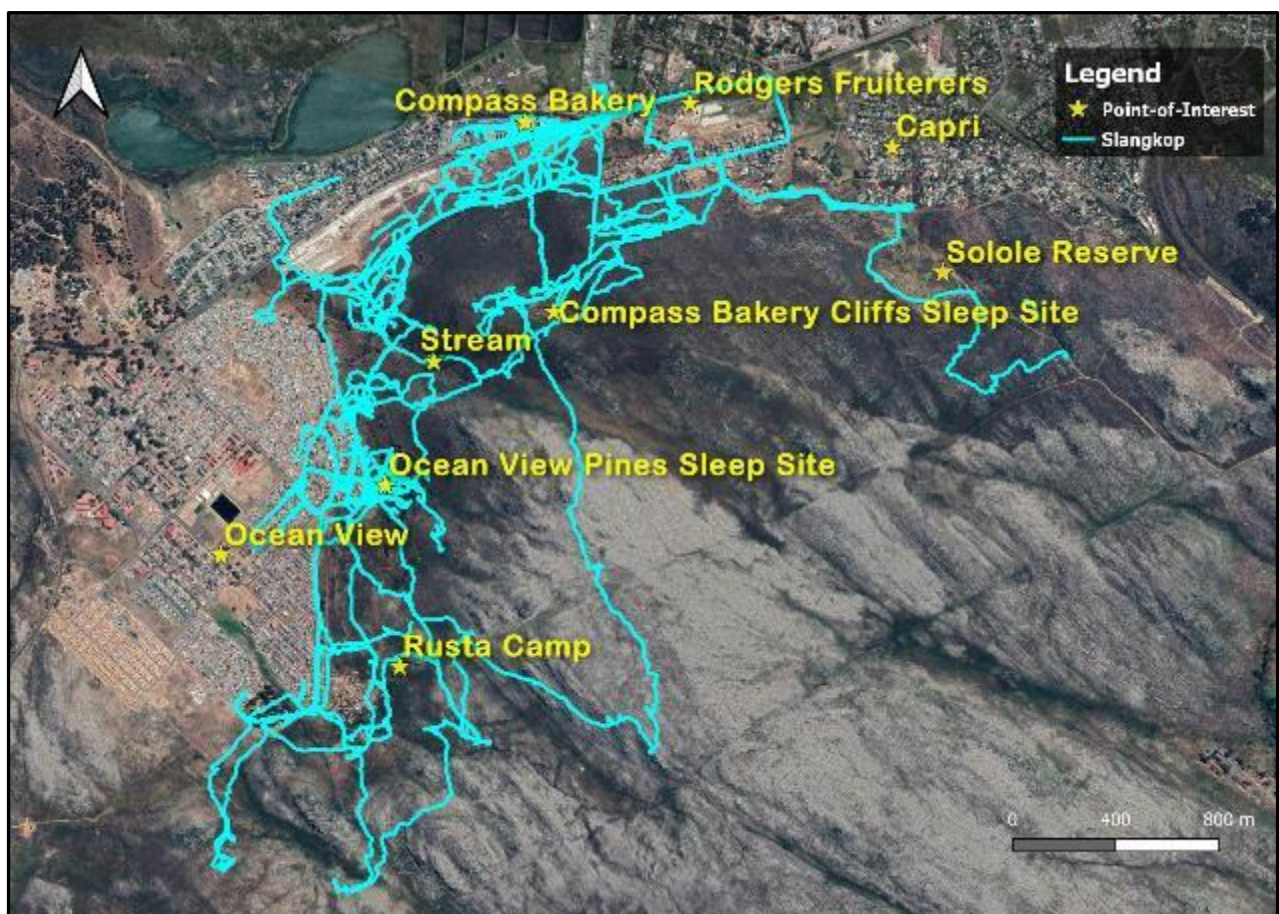


Figure 9: The Slangkop Troop's movements for March 2019.

HWS: TROOP MONTHLY REPORT																																		
SECTOR		CLASSES OF BEHAVIOUR																																
SOUTH WEST		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: MARCH	YEAR: 2019	3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding									
BABOON ID	Sex	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	27	28	29	30	31	TOTAL	
SK6	M			1	1	1			2	1	1			2		1	1		1,2	2	2	2,2		2		2	2	1		1		1	21	
UnID Males	M		2	1	1	1	1	1,5	2,1	1	1		1,1,1	2,2			1	1	2	2,2	2,1	2		2		1,2		1	1	1	1	2,1	33	
UnID Females	F		2	1	1	1	1		2,1,1	1	1		1,1	2,2		1	1		2	2	2	2,2		2		1,2	2,2,1	1,1	1	1	1	1	34	
UnID Juveniles							1															2					2	1,1					5	
UnID Individuals		2				1		5		1		2	1,1,1	2	1	2		2	1	2	1	2	1		1	1,2							20	
Troop																																	0	
	%	TIME SPENT IN TOWN (Minutes)																															HRS	
Troop	0,0																																0,00	
Individuals	14,6	61	87	77	118	53	31	118	115	94	48	130	188	232	21	168	18	10	59	53	231	85	93	40	10	198	179	154	19	50	25	51	46,93	
Roost:	AM	2	2	2	2	3	3	3	3	3	2	2	2	2	3	3	3	3	2	3	2	3	3	3	3	2	3	3	2	2	2	2		
Roost:	PM	2	2	2	3	3	3	3	3	3	2	2	2	2	3	3	3	3	2	3	2	3	3	3	3	2	3	3	2	2	2	2		
Roost Sites		1	Slangkop					2	Ocean View					3	Compass Bakery					4	Witsand					5	Other							
ID Features of Baboons																																		
General remarks		Red, bold and italics text indicates raids at Rogers Farm and the City waste disposal site.																																

Figure 10: The Slangkop Troop's raid sheet for March 2019.

Incidents that affected management

Fruit Trees:

- Individual baboons were attracted to the many fruiting trees in Ocean View, Capri, De Oude Weg and Capri this month.
- The baboons entered Ocean View on 18 occasions and Capri on two occasions.

In2 Foods and Heron Park:

- Individual baboons moved through In2Foods Compass Bakery on 15 occasions and Heron Park on five occasions.
- Bins at In2Foods Compass Bakery and at various facilities in Heron Park were raided by baboons this month.

Births and Deaths

- On 16 March, one birth was recorded in the Slangkop Troop.
- No deaths occurred in the Slangkop Troop during March 2019.

SOUTH WEST REGIONAL SUMMARY:

Births and Deaths

There was one birth in the South West this month, in the Slangkop Troop. No deaths occurred in the South West this month.

Recommendations

- All **fruiting trees or visible fruit** should be harvested from fruit trees in baboon-affected areas so that this is not an attractant for baboons.
- **Baboon-proof bins** should be used by commercial businesses in **Heron Park** to prevent raiding.
- **The Hub Restaurant** should enclose their bin area to restrict access to the baboons.

NORTHERN REGION – AREA MANAGER: STEPHANUS FERREIRA

1. TOKAI TROOP

In Town Statistics

- Time out of town for the troop was 100 %.
- Time out of town for individuals was 99.8 %.
- The troop slept mostly at the Tea Garden during March 2019.

Incidents that affected management

Zwaanswyk

- On 3 March, seven unidentified baboons entered Zwaanswyk residential area through a porcupine hole under the Zwaanswyk fence. The individuals spent 30 minutes in town.

Porter Estate

- On 6 March, MT8 raided an unoccupied room in one of the dorms at Chrysalis Academy.
- On 16 March an unidentified baboon raided the kitchen at The Range and raided a bin at a house below The Range.
- On 24 March, MT8 raided a bin on the Porter Estate.

Forest Glade

- On 7 March, an unidentified male and a few juvenile baboons entered Forest Glade. No raids were recorded.

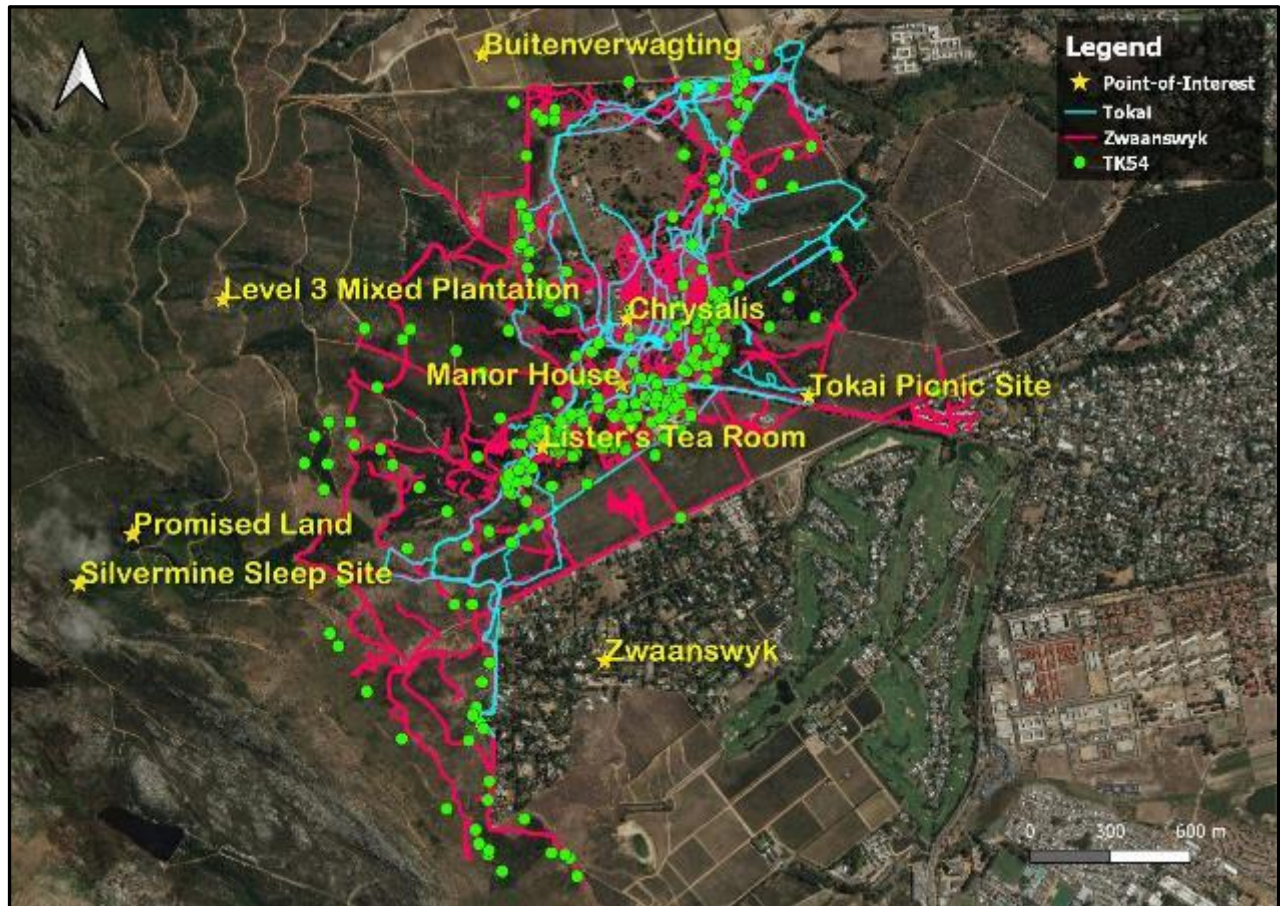


Figure 11: The Tokai & Zwaanswyk Troop's movements during March 2019.

SECTOR				CLASSES OF BEHAVIOUR																															
NORTH				1	In urban area	4	Attacking pets	7	Threatening behaviour/attack/stealing food																										
BABOON TROOP:		TOKAI		2	Raid bins	5	Raid unoccupied house or vehicle	8	Breaking & Entering/Damaging property																										
MONTH: MARCH		YEAR: 2019		3	Non malicious damage	6	Raid occupied house or vehicle	9	Nocturnal Raiding																										
BABOON ID	Sex	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	27	28	29	30	31	TOTAL		
MT 8 (G-W) VHF collar	M						5																		2								2		
MT13 (Y-W)	M																																		
TK54 (R-R) GPS collar	M																																		
TKF7	F																																		
Un ID male	M							1																									1		
UnID Female	F																																		
UN ID juvenile								1																									1		
Un ID individuals				1													2,6																2		
Troop																																			
	%	TIME SPENT IN TOWN (Minutes)																														HRS			
Troop	0,0																															0,00			
Individuals	0,2			30				12																									0,70		
Roost:	AM	1	1	1	1	1	1	6	1	6	1	1	6	6	1	2	1	1	1	1	6	6	6	1	1	1	6	3	3	1	1	1			
Roost:	PM	1	1	1	1	1	6	1	6	1	1	6	6	1	2	1	1	1	1	6	6	6	1	1	1	6	3	3	1	1	1	1			
Roost Sites				1	Tea Garden				2	Upper Tea Garden				3	Manor House Pines				4	Picnic Site 1				5	Picnic Site 2										
				6	Picnic Site 3				7	Tokai Bridge				8	Mikes Stables Pines				9	Chrysalis Gums				10	Laundry Pines										
				11	Silvermine Pines				12	Promised Land Gums L5				13	Lower Reservoir				14	Other				15											
ID Features of Baboons																																			
General remarks				<i>Bold, black and italics text indicates non-urban raids.</i>																															

Figure 12: The Tokai Troop's raid sheet for March 2019.

Births and Deaths

- On 8 March, a new born was identified in the Tokai Troop.

2. ZWAANSWYK TROOP**In Town Statistics**

- Time out of town for the troop was 100%
- Time out of town for individuals was 98.8%
- The troop mostly slept at the Tea Garden sleep site during March 2019

Incidents that affected management**Porter Estate**

- On 21 March, a female raided a bin and TK53 raided an unoccupied hostel at Chrysalis Academy.

Cape Academy

- On 4 March, TK53 and an unidentified female went to the Cape Academy. They spent 45 minutes in Cape Academy but no raiding was observed.

Forest Glade

- On 7 March, TK53 and a few unidentified baboons entered Forest Glade. No raiding was reported.
- On 13 March, TK53 and an unidentified female entered Forest Glade. No raiding was reported or observed.

SANParks' Tokai Picnic Site

- On 9 March, TK53 and an unidentified female raided two tables at the SANParks' Tokai Picnic Site.
- On 17 March, TK53 raided an occupied table in the SANParks' Tokai Picnic Site.
- On 23 March, TK53 raided an occupied table inside the SANParks' Tokai Picnic Site.
- On 24 March, TK53 stole food from a person at the SANParks' field office.

Births and Deaths

- No births or deaths were recorded for the Zwaanswyk Troop during March 2019.

HWS: TROOP MONTHLY REPORT																																																								
SECTOR		CLASSES OF BEHAVIOUR																																																						
NORTH		1	In urban area										4	Attacking pets										7	Threatening behaviour/attack/stealing food																															
BABOON TROOP:	ZWAANSWYK	2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property																															
MONTH: MARCH	YEAR: 2019	3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding																															
BABOON ID	Sex	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	27	28	29	30	31	TOTAL																							
TK53 (Orange-Y)	M	6						1		7				1				7				5		7	7								8																							
TKF5	F									7																							1																							
Un ID Male	M																																																							
Un ID Females	F	6						2						1								2											4																							
Un ID juveniles			1																														1																							
Un ID individuals																																																								
Troop																																																								
	%	TIME SPENT IN TOWN (Minutes)																														HRS																								
Troop	0,0																															0,00																								
Individuals	1,2	10	115		45			52						5																		3,78																								
Roost:	AM	1	1	1	1	1	1	2	2	1	1	1	6	3	3	1	2	1	1	3	5	2	4	1	1	7	7,8	3	10	2	1	6																								
Roost:	PM	1	1	1	1	1	2	2	1	1	1	6	3	3	1	2	1	1	3	5	2	4	1	1	7	7,8	3	10	2	1	6	1																								
Roost Sites		1	Tea Garden										2	Upper Tea Garden										3	Manor House Pines										4	Picnic Site 1										5	Picnic Site 2									
		6	Picnic Site 3										7	Tokai Bridge										8	Mikes Stables Pines										9	Chrysalis Gums										10	Laundry Pines									
		11	Silvermine Pines										12	Promised Land Gums L5										13	Lower Reservoir										14	Other										15										
ID Features of Baboons																																																								
General remarks		Bold, black and italics text indicates non-urban raids.																																																						

Figure 13: The Zwaanswyk Troop's raid sheet for March 2019.

3. CONSTANTIA TROOP 1 (CT1)

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 100%.
- The troop mostly slept at the Bike Trails and Buitenverwachting Gums Sleep sites during March 2019.

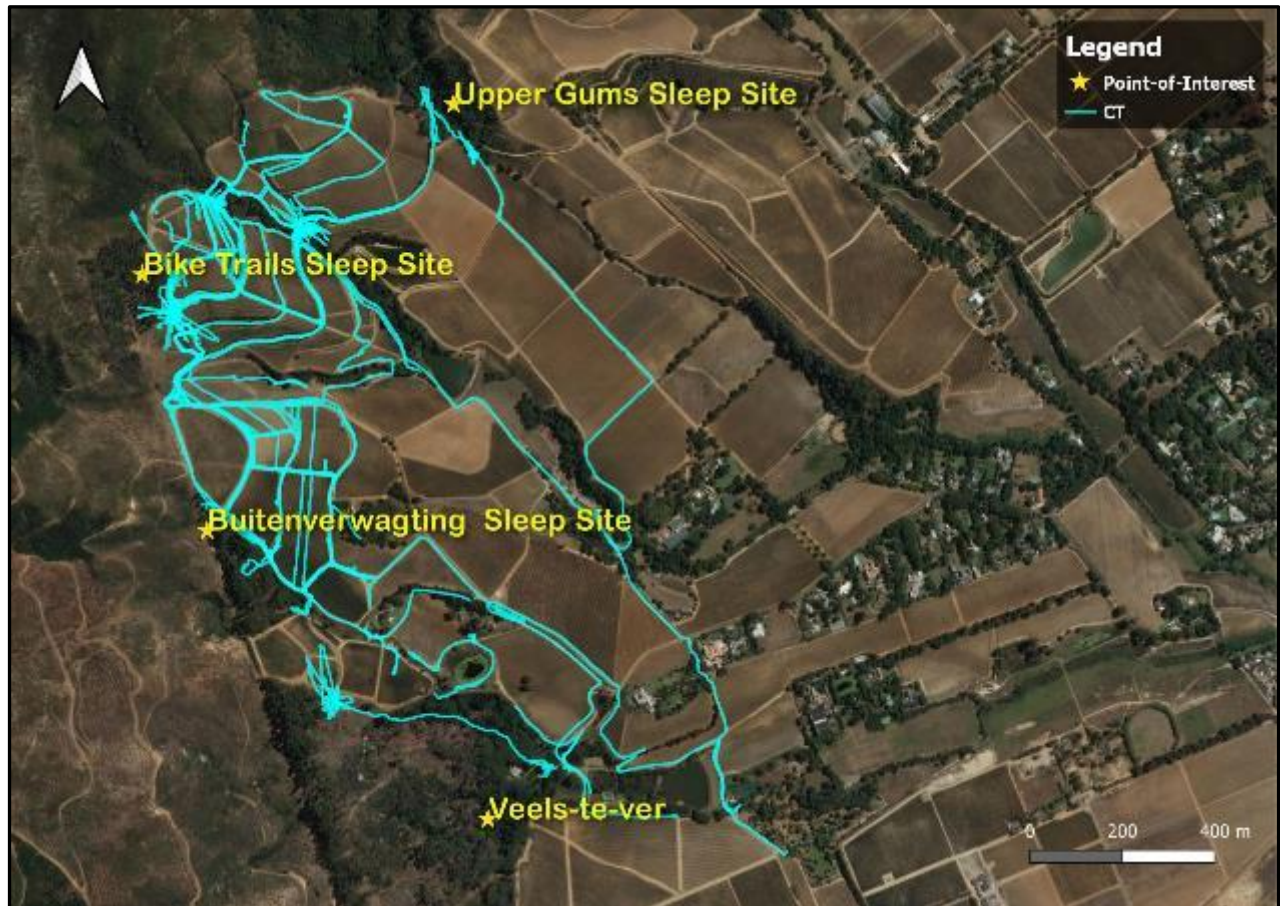


Figure 14: The Constantia 1 Troop's movements for March 2019.

4. CONSTANTIA TROOP 2 (CT2)

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 100%.
- The troop mostly slept at the Buitenverwagting Gums Sleep Site during March 2019.

Incidents that affected management

- The CT2 troop was moving and sleeping with both the CT1 and Mountain Troops throughout the month and spent the majority of its time above the Buitenverwagting and Klein Constantia Wine farms.

Births and Deaths

- No births or deaths were reported in the CT2 Troop during this month.

5. MOUNTAIN TROOP

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 100%.
- The troop slept mostly at Veels-te-Ver Sleep Site during March 2019.

Incidents that affected management

- No incidents affected management. The troop spent most of its time above the Buitenverwachting wine farm.

Births and Deaths

- No births or deaths were reported for the Mountain Troop this month.

NORTH REGIONAL SUMMARY:

Births and Deaths

Only one birth was reported in the North this month, in the Tokai Troop on 8 March. No deaths were recorded in the Northern sub-population during March 2019.

Recommendations

- **Signage** informing the public to **lock their vehicle doors** and keep **windows closed** should be placed at the **SANParks boom gate** on Tokai road to reduce baboons **raiding vehicles**.
- **Bins** at the **SANParks' Picnic Site** need to be closed properly to prevent baboon raids.
- The **electrified perimeter fence** at the **SANParks' Tokai Picnic Site** should be **upgraded and maintained** on a regular basis, to prevent baboons from entering the picnic site to raid.
- **Regular maintenance and upgrades to electrified perimeter fences on wine estates and other areas** will reduce baboon incursions. **Regular trimming and removal of overhanging trees** and closing of excavations would also reduce baboon access to farms and residential areas.
- Measures such as storing food in secure areas will reduce the amount of human derived foods (HDF's) available to baboons, and this should reduce the level of raiding at **Chrysalis Academy**.
- Measures such as the **baboon-proofing of private and staff houses on wine estates** will also reduce baboon access to HDF's.
- The **horse gate** at the **Zwaanswyk fence** needs to be **closed constantly** to ensure that baboons do not enter the urban area.
- **Insulating** the electrical bushings of the **Veels-te-Ver transformer box** by placing covers over them will prevent baboons from getting **electrocuted**.

- **Porcupine tunnels** needs to be **installed** in areas where **porcupines dig under fences** which baboons in turn utilize in order to enter the urban area.

C. COMMUNITY AWARENESS AND EDUCATION

Community Conservation Officer's Monthly Feedback for March 2019:

- **Two meetings** were held at the Fish Hoek sub-council offices in March to **discuss the reformation of a community baboon forum**, whereby the relevant ward councillors select representatives from baboon-affected communities to act as liaisons between their community and the Baboon Technical Team. The forum will act in an advisory capacity and assist with two-way communication of baboon-related concerns on the Cape Peninsula.
- The **Millers Point Picnic Site** was visited on **1 and 26 March** to check on waste management. There are numerous issues regarding the waste management at this site that require continual attention. Only one of six bins remain secured to a pole and weekend picnickers do not always dispose of rubbish in the lockable bins. Contracted workers were doing a litter clean-up around the site during the second visit.
- A **site visit** was conducted at the **Black Marlin Restaurant** on **1 and 26 March**. Baboon-proof measures put in place by management become ineffective if neglected by staff. Fruiting trees on the property act as an attractant to baboons, as well as the easy access to guests' meals. Several issues were addressed with management and recommendations provided.
- Ten residents attended a lunchtime **baboon awareness talk** at **Happy Valley Home** on **1 March**. Better waste management onsite and the use of bin hooks on bin day was reiterated with those present.
- A **baboon awareness education** session was conducted with the new interns and management team at the **Rocklands Centre** in Simon's Town on **5 March**. Other establishments on the farm were visited and given baboon educational materials.
- A **baboon awareness education** session was conducted on **14 March** with staff stationed at the **South African National Ammunitions Depot** in Simon's Town. Approximately 66 members were in attendance.
- Several **residential visits** were carried out in **Da Gama Park** on 14 March; **Constantia** on 18 March; in **Welcome Glen** on 20 March; and in **Capri, Imhoff's Gift** and **Murdoch Valley** on 26 March to houses that have been noted as having been raided by baboons or to have a baboon attractant on the property, such as fruit trees, vegetable gardens, human-derived foods or an ineffectively secured bin.
- Several **problematic fruit trees** occurring in Da Gama Park were noted and **communicated through to a South African Navy representative** on **5 March** to delegate removal of such trees by the facilities team working in the Da Gama area. Exotic fruiting trees act as a rewarding point-source attractant for baboons to enter the urban area.
- On **13 March** HWS representatives were invited to join a **resident's meeting at the Da Gama Flats**. Baboon awareness and education was conducted with the approximately 35 residents in attendance.
- HWS was invited by a South African Navy representative to speak to the **Da Gama Park community** on **19 March** at an organised meeting at the Community Church Hall. Baboon education and awareness was conducted with the approximately 90 residents in attendance.
- The City of Cape Town has received new stock of baboon-proof bins, so a **bin audit** was started by HWS in

Welcome Glen and Da Gama Park on 27 March to determine which houses still require baboon-proof bins. The audit is on-going, and we hope to conclude it by May 2019, the results will be published once the audit has been finalized. A bulk order for replacement baboon-proof bins will be requested with Solid Waste at the end of the audit. HWS will be auditing other baboon-affected areas in due time.

- A baboon awareness education session was conducted at Marine Primary School in Ocean View on 1 March with the Grade 4s.
- A **site visit** was conducted at **In2Foods** in Heron Park on **26 March** to check up on waste management. No issues were found, all food waste was contained.
- **Baboon-proof bin application forms** were sent to various establishments in **Heron Park** along Kommetjie Road on **5 March** after conducting a site visit on bin collection day.
- **Site visits** were conducted at **Camel Rock Restaurant** and **Whole Earth Café** in Scarborough on **26 March**. All waste was secured sufficiently with no baboon-attractant issues to be found. **The Village Hub Restaurant** was visited on the same day to check waste management at the bin cage. The door to the cage was left open with a full crate of food waste easily accessible near the doorway. The matter was addressed with staff to prevent such instances occurring whereby baboons could opportunistically raid, due to human negligence.
- Additional **baboon awareness pamphlets** were distributed to **Imhoff Farm Shop** opposite Ocean View on 26 March. This is a resident and tourist hub of activity.
- **Site visits** were conducted at **Rodgers Fruiterer** on **1 and 26 March** to check on waste management. Five non-baboon proof bins were unsecured (one without a lid), leaving food waste on display and easily accessible to baboons. The matter was addressed with management, and recommendations given. Another baboon-proof bin application form was supplied to management and assistance was supplied for completion of the form.
- A **baboon awareness education** session was conducted with staff at the SANParks **Tokai Manor House offices** on **1 March**. Six employees were in attendance.
- **Site visits** were conducted at **Chrysalis Academy** on **18 and 28 March**. The secured waste skip area was all in order, although stray cats were seen feeding from inside the skip.
- A **site visit** was conducted on **18 March** at the **Tokai Picnic site** to check waste management around the site. All bins were locked and secured. Baboon educational posters supplied by HWS have been erected in both bathrooms and at the entrance gate. A small pole used by the baboons to gain access into the site over the electric fence has yet to be removed by SANParks, the section ranger was made aware of the issue.
- The **Cape Academy of Maths, Science and Technology** was visited on **18 March** to check on waste management. The donated fencing has yet to be used for the repair of the bin cage. Many lockable bins are not working and are not being stored securely in the bin cage due to space issues. The kitchen entrance gates continue to be left open, allowing easy access to human-derived foods for baboons. Fruit trees remain onsite. Recommendations were supplied to the school principal during late 2018, few of which have since been implemented.

D. GENERAL COMMENTS ON ALL BABOON TROOPS

1. POPULATION CHARACTERISTICS

During March 2019, there were six births and three deaths in the managed population. There were five births in the south and three in the north, and the three deaths occurred in the south. One death was an infanticide, the other two were euthanasia's done for humane reasons following veterinary assessment. One was the result of an electrocution and the other had injuries related to a dog bite.

TROOP	END JUNE TOTALS						MARCH 2019			Total Births (1 July 2018 to date)	Total Deaths (1 July 2018 to date)	Total Migrations (1 July 2018 to date)
	2013	2014	2015	2016	2017	2018	Births	Deaths	Emigration / Immigration			
Da Gama	42	43	46	52	52	55	2	2		6	7	
Smitswinkel	21	22	24	29	33	35	0	0		0	3	
Waterfall	28	29	31	33	37	40	2	1		3	4	+1
GOB	20	19	16	17	23	29	0	0		2	0	
Misty Cliffs	17	16	9	11						0	0	
Slangkop	37	40	35	41	40	44	1	0		5	2	
SUB TOTAL	165	169	161	183	185	203	5	3		16	16	
Zwaanswyk	28	28	30	28	30	20	0	0		5	2	-4
Tokai	64	70	62	65	69	75	1	0		12	5	+4
Mountain	41	47	49	47	57	60	0	0		5	4	-2
CT1	70	69	77	81	63	46	0	0		5	1	+1
CT2					22	10	0	0		2	0	+1
SUB TOTAL	203	214	218	221	241	211	1	0		29	12	
TOTAL	368	383	379	404	426	414	6	3		45	28	

Table 1: Population data for the eleven managed troops on the Cape Peninsula in March 2019. Emigration/Immigration figures show animal movements between troops and are accommodated in the troop population totals.

Deaths	January to December Totals							MARCH 2019	TOTAL 1 July 2018 to 31 Jan 2019	TOTAL (since 2012)
	2012*	2013	2014	2015	2016	2017	2018 23 Dec 2017 to 30 June 2018			
Management	17	16	8	7	7	12	2	0	0	69
Human Induced (HID)	8	7	10	11	7	6	5	2	9	63
Direct **	8	6	6	8	4	3	5	1	5	45
Indirect ***	0	1	4	3	3	3	0	1	4	18
Natural	7	30	19	33	16	28	11	1	14	158
PLOHP****							7	0	0	7
Unknown	1	3	0	4	7	13	10	0	5	43
TOTAL	33	56	37	55	37	59	28	3	28	340

Table 2: Causes of baboon deaths since 2012 (*Data collected during the first half of 2012 provided by Baboon Research Unit, UCT); **Deaths caused directly by humans such as motor vehicle accidents, shooting, poisoning and dogs. ***Deaths caused indirectly by humans such as electrocutions. ****Private Land Owner Hunting Permit; Deaths of damage causing animals hunted on farmland in accordance with a provincial hunting permit issued by CapeNature in terms of Nature Conservation Ordinance 19 of 1934.

2. HOTLINE DATA

This month, there was a total of 219 hotline calls, of which 184 were calls from managed areas. This is a significant increase compared to the 113 calls received from managed areas last month (February 2019). The most noticeable increase in calls came from Simon's Town and Murdock Valley. This can be attributed to the troop being in town for the first time in two months. There was a decrease in calls from Tokai, but an overall increase in calls from the majority of the managed areas.

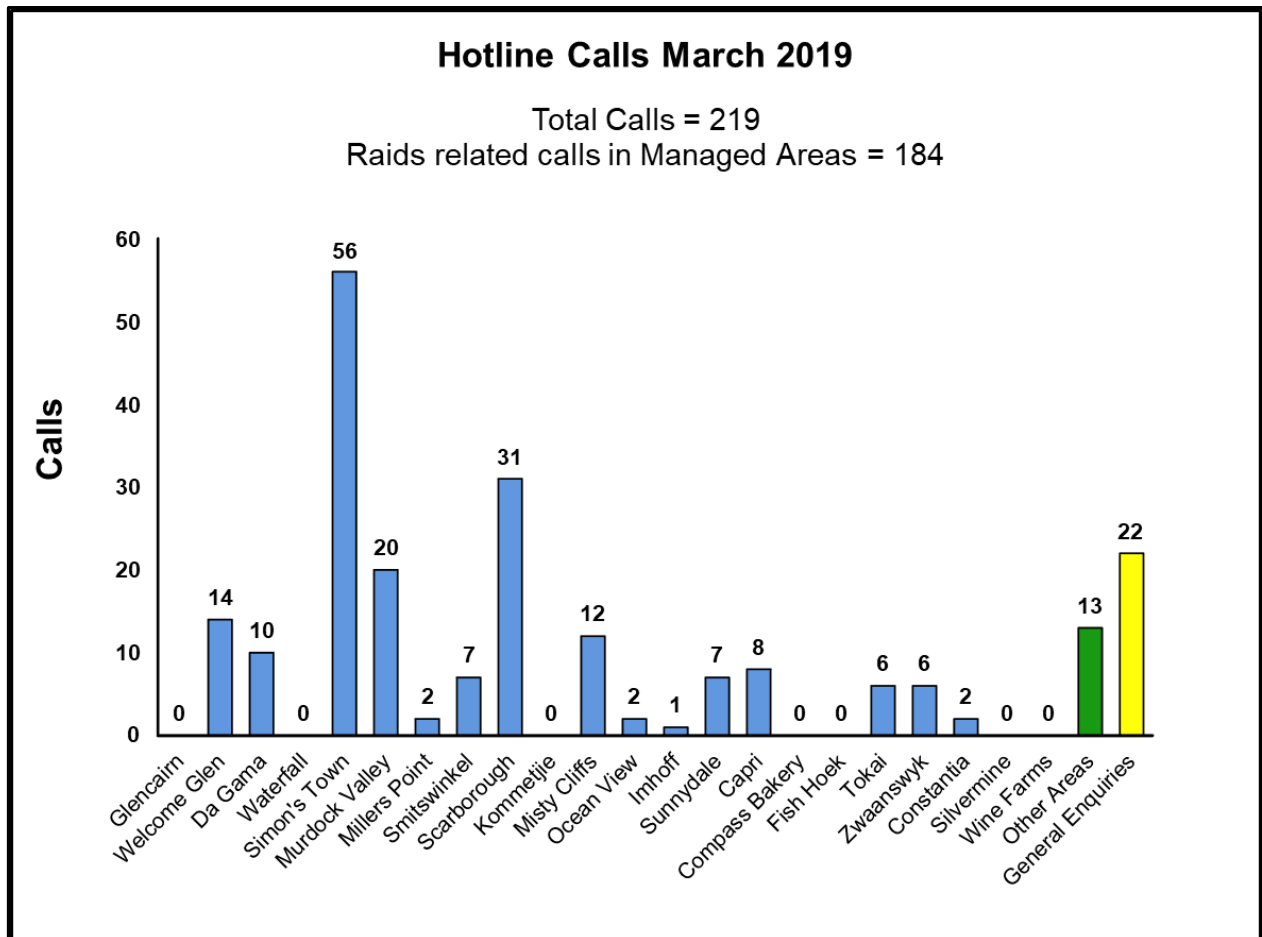


Figure 15: Hotline calls summary per urban area for March 2019. Raid related hotline calls are calls reporting managed baboons in urban areas. Managed Areas are those areas in which managed baboon troops raid. Other Areas, represent those areas beyond the urban edge or the range of managed baboons.

Apart from a total increase in raids reported this month, the actual number of assertive raids reported also nearly doubled, with 18 raids on occupied houses, four raids on unoccupied houses and two thefts of food from people.

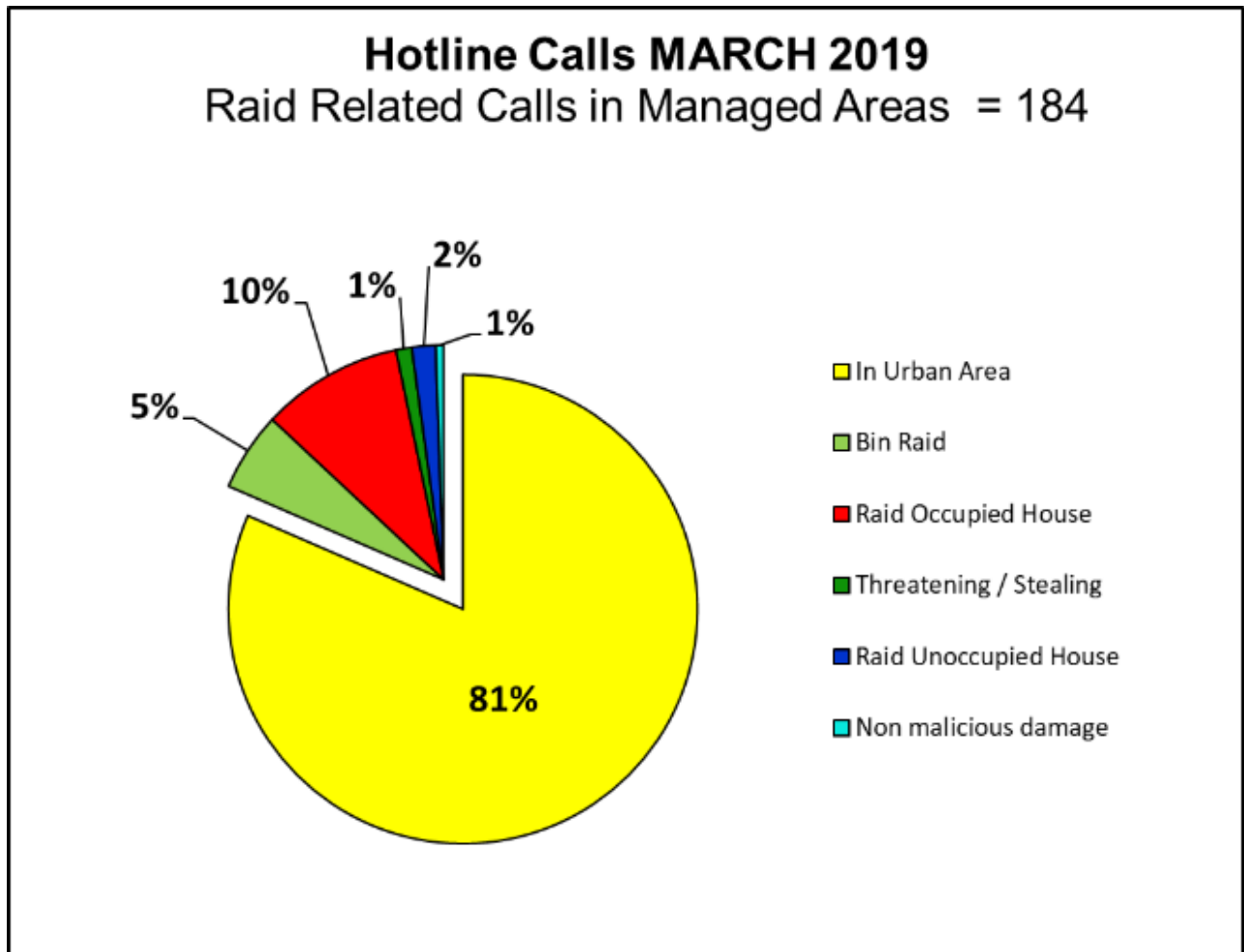


Figure 16: Composition of raid-related hotline calls during March 2019.

3. PERCENTAGE TIME OUT OF TOWN

The percentage of time that the troops spent out of town, once again, remained high this month at 99,9%. Both Constantia Troops and the Mountain Troop were 100% out of town. Individuals from all the other troops spent time in town, with those from the GOB, Slangkop and Da Gama Troops all spending at least 10% of their time in town. Generally, baboons do try to raid more towards the end of the hot dry summer, but this sharp increase in assertive raids is a trend that needs to be monitored carefully.

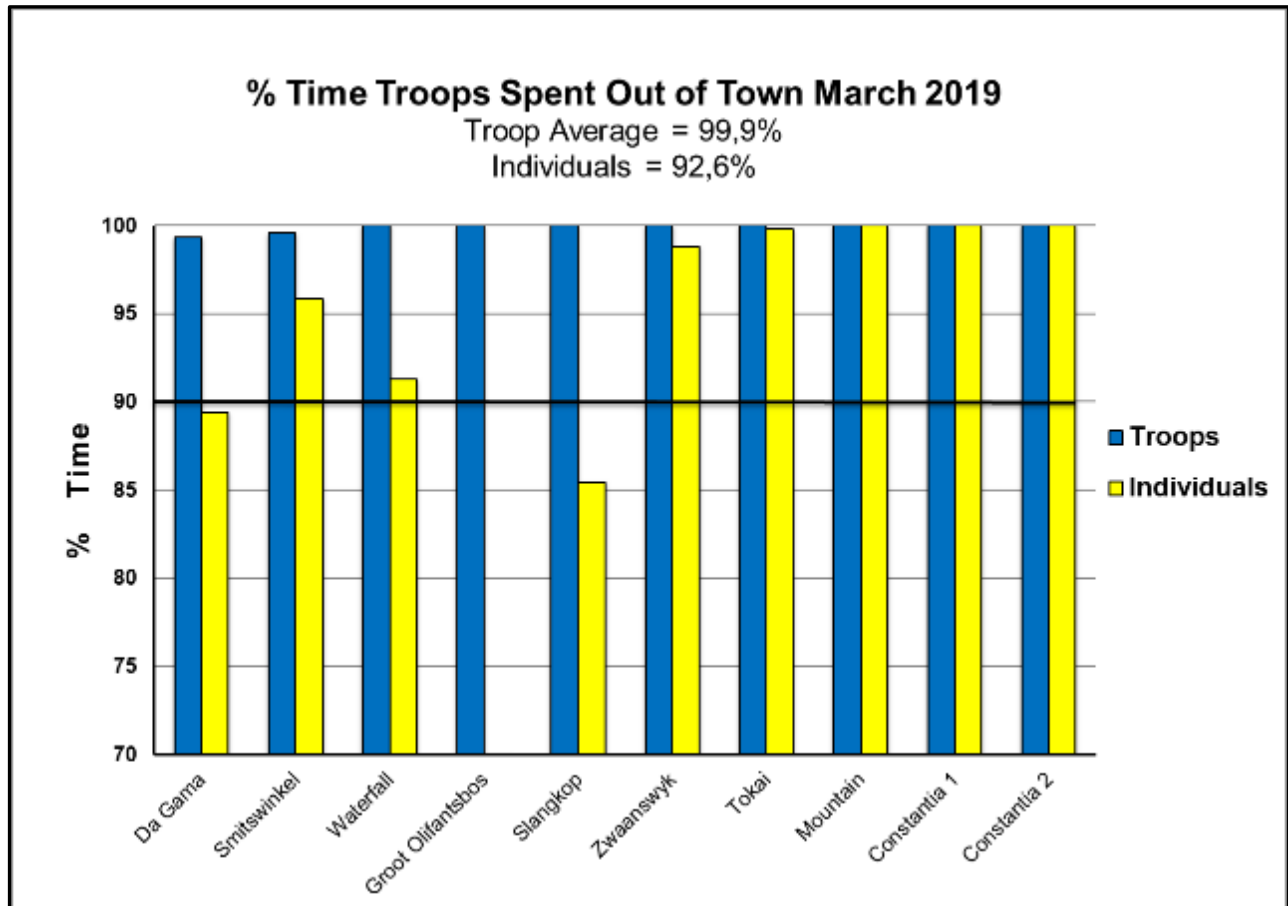


Figure 17: Percentage time troops spent out of town during March 2019. The solid line at 90% indicates the City of Cape Town's 2014 and current contract requirement.

E. CONCLUSION

Although March is the last month of summer, and a time when the baboons are often inclined to raid because of a lack of food or water, this month the baboon troops were held out of town for over 99.9% of the time. Unfortunately, however, the same trend was not evident for many individuals either raiding town alone, or in small groups. This trend was also evident from the hotline data, where 22 calls reported house raids or thefts of food directly from people.

A relatively new addition to these monthly reports is a section written by the HWS Community Conservation Officer (CCO), Kim Gordon. This month the HWS CCO made at least 30 education calls or visits to baboon food source attractant sites. Many of these sites were audited to see whether they were compliant in terms of reducing the access to human derived foods (HDF's) that they provide to baboons. This could be in the form of closing doors to kitchens, securing dust bins, removing fruit from trees or fencing off compost heaps, etc. Happily, a few sites were found to have reduced the access they provide to HDF's but, unfortunately, most sites were found to have remained unchanged. It is this perennial and readily available access to HDF's that provides the incentive for individual baboons to raid urban areas. It is these individual raiders that teach the rest of the troop to raid and therefore compromise the well-being of the whole troop.

Dr Phil Richardson

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