



Photo: Stephanus Ferreira

Human Wildlife Solutions

Monthly Report

May 2019

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A. INTRODUCTION

This monthly report covers the period from 1 to 31 May. This report covers the start of winter, with an increase in rainfall and further reduction in temperatures. During the winter months baboons try to spend more time in town to gain access to human-derived foods (HDFs). This is evident in a decrease in the average time out of town by troops, from 99.7% in April, to 99.3% this month.

Poor or absent waste management continued to be a major attractant for baboons into the urban environment during this reporting period, particularly in the South Eastern and South Western regions. Complete lack of baboon-proofing, as well as broken, cracked and non-baboon proof bins continued to be an issue. The results of a bin audit conducted in the Da Gama and Welcome Glen areas during the past few months, highlights this, with 339 bins needing replacing in this area alone.

B. BABOON MANAGEMENT AND RAID REPORTING

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

1. SMITSWINKEL BAY TROOP

In Town Statistics

- There was a significant decrease in time spent out of town for the Smitswinkel Bay Troop from 99,8% in April 2019 to 96,9% in May 2019.
- Individuals time spent out of town also decreased this month from 89,6% in April 2019 to 85,26% in May 2019.
- The Smitswinkel Bay Troop utilised its northern sleep sites for 74% of the month and the southern sleep sites for 26% of the month.



Figure 1: The Smitswinkel Bay Troop's movements during May 2019.

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: MAY	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		6			5	6		1	6		2					2							8			
PR3	M				2	6,2	6	1,1,1		5		6		1		1			6					1	2						2		15			
SWB12	M				2	1			6,1	1	2,6	6	6		6	6,6,6		6,6	6				6										17			
UnID Males	M						2										6																2			
UnID Females	F					2	6	1,1,1							5			1	2						2						2		10			
UnID Juveniles																		1															1			
UnID Individuals								5		1		2,6		2		1					2								1				8			
Troop												1		1							1												3			
	%	TIME SPENT IN TOWN (Minutes)																														HRS				
Troop	3,1											360		90								145											9,92			
Individuals	14,8					210	90	28	36	330	110	60	75	30	180	480	240	180	510		170		35	20	10	10			35		15		47,57			
Roost:	AM	7	7	1	7	1	4	4	6,4	4	9	5	5	5	5	9	9	5	5	9	4	5	6	1	4	4	3	1	4	5	5	6				
Roost:	PM	7	1	7	1	4	4	6,4	4,5	9	5	5	5	5	9	9	5	5	9	4	5	6	1	4	4	3	1	4	5	5	6	2				
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	Murdoch Valley Cliffs					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 2: The Smitswinkel Bay Troop raid sheet for May 2019.

Incidents that affected management**Black Marlin**

- Baboons visited the restaurant on seven occasions this month and managed to gain access to the kitchen and/or food from tables on three occasions.

SWB12

- SWB12 continued to lead the troop to the northern section of its ranging area through the month.
- This was evident from the increase of time spent in the urban area for both the troop and individuals, as well as an increase in assertive raids from SWB12, PR3 and SWB6.
- SWB12 moved through the urban area and/or raided in the urban area on 17 occasions this month.
- SWB12 raided occupied houses on 12 occasions which equates to 70% of his total raids.
- On 22 May 2019, SWB12 moved along the mountainside away from the troop in the direction of Simon's Town.
- On 23 May, SWB12 was not seen with the troop.

Murdoch Valley

- There are a number of fruit trees and vegetable gardens in Murdoch Valley.
- Baboons entered Murdoch Valley on 15 occasions this month and only targeted houses with fruit trees.
- A number of houses in Murdoch Valley have been flagged as point source feeding attractants due to the high level of attractants that are available to the baboons.

Births and Deaths

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

2. WATERFALL TROOP**In Town Statistics**

- The Waterfall Troop spent 99,7% of its time out of the urban area this month.
- Individuals spent 92,5% of their time out of the urban area this month.
- 54% of raids, took place on South African Navy properties and 46% of raids occurred in the urban area.
- The Waterfall Troop predominantly slept on the Waterfall Cliffs Sleep Site (52%), the Happy Valley Cliffs (23%) and at South African Naval Armament Depot (SANAD) (19%) this month. The remainder was spent on North Peak and Signal School (6%).

Incidents that affected management

The South African Navy: Simon's Town

- The majority of the raids took place on Navy land again 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) was a severe problem at all naval facilities, but at SANAD in particular.
- Individuals raided bins at Navy facilities on 56 occasions this month.
- Occupied and unoccupied rooms were raided on 11 and 17 occasions respectively.

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: MAY	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			2								2									2			1					2				5	
WF5	M		2	2			5						1	1			2	6			6	2					1	1	1			2	13	
WF6	M				2, 1	1	5						2, 1	2, 6	1		2				2, 6	2	1										14	
SWB12	M																								6	1			1,2,1	1			2	7
UnID Males	M	2			2, 1	1																											4	
UnID Females	F	2	2		2, 1	1	5					2	2, 1		1						2, 6	2	5	1						2			2	17
UnID Juveniles																														2			1	
Unid Individuals				2,5	2,5,2	5				5,6,5,6	5,6,2	6,5,2	6,5	5	1	2,5		2			2,5,6	5,2	6	1		6,1,2,6	2,5,6	1		2	2	2	40	
Troop																											1						1	
	%	TIME SPENT IN TOWN (Minutes)																															HRS	
Troop	0,3																										60						1,00	
Individuals	7,5		30	20	105	8						20	75	125	175						120	190			55	20	37	45	325	95			24,08	
Roost:	AM	2	1		1	2	2	1	3		2	1	2	1	1	1	1	10	10	10	10	1	2	1	1	1	1	9	2	1	1	1	10	10
Roost:	PM	1	1		1	2	2	1	3	1		1	2	1	1	1	2	10	10	10	1	2	1	1	1	2	9	2	1	1	1	10	10	10
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 3: The Waterfall Troop raid sheet for May 2019.

WF6

On 22 May 2019, WF6 was euthanased in terms of Guidelines for Baboon Management (March 2019) for assertive raiding behaviour

[http://baboons.org.za/images/Protocols/Guidelines for Baboon Management March 2019.pdf](http://baboons.org.za/images/Protocols/Guidelines%20for%20Baboon%20Management%20March%202019.pdf)

23 May 2019:

- On 23 May 2019, a juvenile baboon and a dog had an altercation in Simon's Town. Unfortunately the the baboon died as a result of its injuries sustained during the altercation.

SWB11

- On 24 May 2019, SWB11, an adult male from the Smitswinkel Bay Troop, moved towards the Waterfall Troop as they foraged above Simon's Town.
- The Waterfall males showed aggression towards SWB11 but he remained on the periphery and followed the troop to SANAD on 31 May.

Births and Deaths

- No births were recorded in the Waterfall Troop this month.
- On 22 May, WF6 was euthanased in terms of the BTTG03 baboon management protocols for assertive raiding behaviour.
- On 23 May, a juvenile baboon died of its injuries sustained during an altercation with a dog.

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

- Time out of town for the troop was 97.0% in May 2019, compared to 97.2% in April 2019.
- For individuals, however, time out of the urban area increased from 86.3% in April 2019 to 88.3% in May 2019. Just over 37.5 hours were spent in town by individuals during this month.
- The troop spent an increased number of nights out of town in May (6 nights, 19% of the month) compared with two nights in April 2019. The troop slept mainly at the Da Gama Park Naval flats and the Dagleish pine trees near the flats.

Incidents that affected management**DG14 and DG18 Raids**

- On 2 May, DG18 raided a house in 2nd Avenue, Da Gama Park, he entered the unoccupied kitchen and took bread before leaving the property.
- On 7 May, DG14 attempted to enter a house in Glenalpine Road, Welcome Glen.
- On 8 May (bin day), DG18 and four females raided a bin in 7th Avenue, Da Gama Park. This bin was put out onto the road after the refuse truck had already collected the waste.
- On 14 May, DG18 and some unidentified females raided bins in 12th and 14th Avenue, Da Gama Park.
- On 15 May, DG18 and two females raided a bin at the bus stop on Da Gama Road, Da Gama Park.
- On 17 May, DG14 raided an unoccupied house in 16th Avenue, Da Gama Park.
- On 25 May, DG14 raided an occupied house in 14th Avenue, Da Gama Park.
- On 31 May, DG14 raided bins at the New Apostolic Church, Da Gama Park.
- On 31 May, DG18 raided bins at a house in Dido Valley Road, Da Gama Park.

SECTOR		CLASSES OF BEHAVIOUR																																																						
SOUTH EAST		1	In urban area										4	Attacking pets										7	Threatening behaviu/ attacking/ stealing food																															
BABOON TROOP:		DA GAMA		2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking &Entering/Damaging property																													
MONTH: MAY		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																							
Troop			2			1							1,2	1,6	1				5		1		1,2					1,1		1	6			1	1	1,2			14																	
DG14 (O-G)	M							1					1						5						1,1		1	6							1,2			9																		
DG18	M		5	1				1	2				1			2	2	1	1		1				1	1		1					1	1,2				16																		
DGF1	F																																				0																			
DGF2	F																																	1			1																			
DGF4	F																																				0																			
UnID Females	F			1		1		1	2						2	2,2	1	1,2						1,1	1,1	1	1	1			1	1	1,1			21																				
UnID Female	F							1									1			1			1		1										5																					
UnID Individuals																	1													1		1			3																					
UnID Juvs								1												1						1	1				1	1			6																					
	%	TIME SPENT IN TOWN (Minutes)																																																						
Troop	3,0		70										19	35	15				61		127								43	205					9,58																					
Individuals	11,7		20	210		90		80	300						110	65	52	30		64				182	238	126	211	78		20	82	117	180		37,58																					
Roost:	AM	2	27	3	2	1,2	2	2	2	2	20	20	20	2	3	2	1,2	1,2	3	2	2	2	2	3,2	2	3	2	7	4	2	2,1	2																								
Roost:	PM	27	2,3	2	2	2	2	2	2	20	20	20	1,2	2,3	2	1,2	1,2	3	2	2	2	2	3,2	2	3	2	7	7	2	2	2	2,1																								
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 Elsies 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		Roost site 27 = Solole																																																						

Figure 4: The Da Gama Troop raid sheet for May 2019.

Welcome Glen

- On 2 May, a bin was raided in Glenoak Road.
- On 12 May, a bin was raided in Gleneagle Road.
- On 20 May, a bin was raided in Glenalpine Road.
- On 23 May, two females spent a couple of hours eating fruit from a tree in Glenalpine Road.



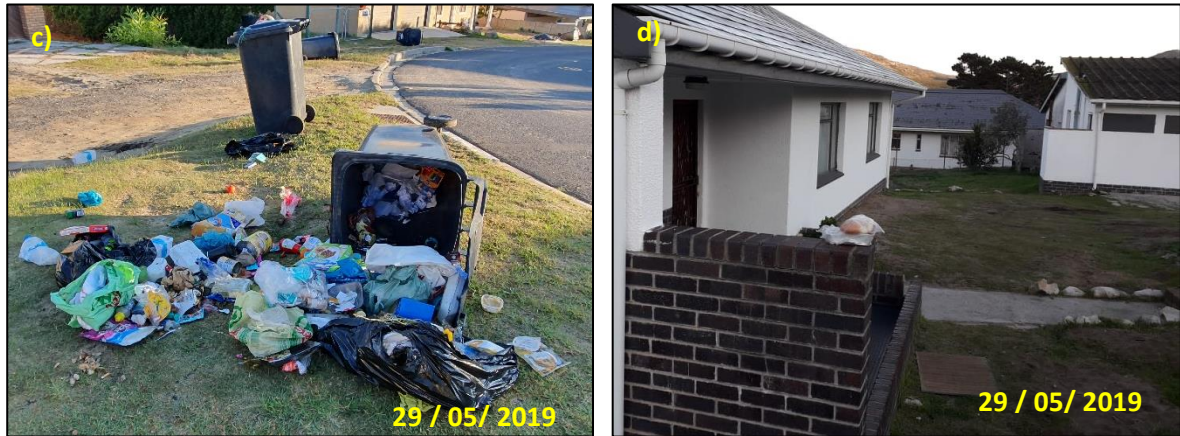


Figure 5: Waste management (non-baboon proof bins, as well as broken and cracked bins) remains a major issue in Da Gama Park (a and b) and Welcome Glen (c). (d) A resident in Da Gama Park was also noted leaving food on her patio, assumed for a neighbour to collect and not actively feeding.

Da Gama Park

- On 13 May, a house raid was reported to the Field Manager by a homeowner in Da Gama Rome Road.
- On 15 May, two females raided a bin in 2nd Avenue.
- On 17 May, a female raided a bin in 3rd Avenue.
- On 29 May, three bins were raided in the road next to Van der Graaf Avenue, as well as two bins in Van der Graaf Avenue.

Births and Deaths

- On 12 May a new-born was reported in the Da Gama Troop.
- No deaths occurred in the Da Gama Troop during May 2019.

SOUTH EAST REGIONAL SUMMARY:

Births and Deaths

- One birth was recorded for the South East during May 2019, in the Da Gama Troop.
- There were two deaths in the South East this month, both were from the Waterfall Troop.

Recommendations

- The **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.

- **New baboon-proof bins** are required for many properties in Da Gama and Welcome Glen to prevent bin raids. The HWS community liaison officer is working with the CoCT waste department to negotiate for this to take place following on from the bin audit conducted over the past few months.
- 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, which requires constant maintenance (fixing and closing off) has been found in one of the corridors in Kroonseil Flat** (Da Gama Park). 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 South African Naval Armament Depot (SANAD) and the Waterfall Barracks** needs to be addressed to reduce the number of incidents occurring.
- **Waste and recycling collection should be prioritised** to occur in the early morning to prevent this waste from being an attractant to baboons (particularly in Dagleish and Van der Graaf Avenues, Da Gama Park).
- 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, bear bangers, pellet guns and pepper spray** 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 Restaurant** should always be kept closed and the bin room door should be kept bolted when not in use to prevent baboon raids.

SOUTH WESTERN REGION – AREA MANAGER: CATH SHUTTE

1. GROOT OLIFANTSBOS TROOP (GOB)

In Town Statistics

- The GOB Troop spent the majority of the month within the Cape of Good Hope (CoGH) section of the Table Mountain National Park (TMNP).
- The troop roosted within the boundaries of the CoGH for 94% (29 nights) and at Wildschutsbrand for 6% (2 nights) this month.
- The three GOB females (also referred to as the GOB individuals) and their two juveniles, roosted at the Misty Cliffs Sleep Site for the entire month of May.
- The GOB individuals spent 77,1% 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: May	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	1,2	1	1		1	1	1	1	1	1,6	1	1	1	1	1,5	1	1	1,6	1	1	1	1	1,6	1	1,6	1,7		1	1,6	1,6	38																							
Unld Individuals																																	0																							
Juveniles																																	0																							
Troop																																	0																							
	%	TIME SPENT IN TOWN (Minutes)																														HRS																								
Troop	0,0																															0,00																								
Individuals	22,9	95	237	290	170		230	140	320	45	40	85	115	215	115	45	220	105	100	265	260	35	50	80	130	180	210	240		40	300	70	73,78																							
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	5,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	5,1	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	5,1	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	5,1	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 6: The GOB Troop raid sheet for May 2019.

Incidents that affected management

- There were no incidents that affected management this month.

Births and Deaths

- No births or deaths were recorded for the GOB Troop during May 2019.

2. THE SLANGKOP TROOP

In Town Statistics

- The troop spent 99.5% of its time out of the urban area.
- Individuals spent 87.4% of time out of the urban area.
- The troop slept on the Compass Cliffs Sleep Site for the majority of the month and in the pine trees behind Ocean View for the remainder of the 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:	Slangkop	2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property									
MONTH: May	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		2,2		1,1	1,1	1	1	1,2,1			1		2		1	2	1	1	1	1	1			2				1,6			23		
SK9	M		1,2,2			2			2	1	2	2,1	1,2	2		1					2	1			2				1		1	18		
UnID Males	M				1,1,1		1	1			2	2	1,2	2		1	2,2	1		1	2	1	2,1	1		1				2	1	23		
UnID Females	F		1,2,2		1,1,1		1	1	1,1		2,2	1,2	2,2,2		1	1,2	1	1	2	1	1	2				2		2	1	2	1	31		
UnID Juveniles					1				1								1,2			2			2			2		2				8		
UnID Individuals					1,1	1,1		2	2		2,2			1												1,2			1		1	13		
Troop					1			1						1												1						0		
	%	TIME SPENT IN TOWN (Minutes)																														HRS		
Troop	0,5				35			15						23												25						1,63		
Individuals	12,6		68		207	130	20	45	145	120	45	280	50	165		19	60	28	56	40	119	98	59	5	124	100		95	225	25	105	40,55		
Roost:	AM	3	2	3	2	3	3	2	2	3	2	3	3	3	3	2	2	3	2	2	3	2	2	3	2	2	3	2	3	3	3	3		
Roost:	PM	2	3	2	3	3	2	2	3	2	3	3	3	3	2	2	3	2	2	3	2	2	3	2	2	3	2	3	3	3	3	3		
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 7: The Slangkop Troop's raid sheet for May 2019.

Incidents that affected management

Fruit Trees

- Individual baboons were attracted to the many fruit trees in Ocean View, Capri, De Oude Weg and Capri this month.
- The baboons entered Ocean View on 12 occasions and Capri on 15 occasions.

In2 Foods and Heron Park

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

Southern Grind Coffee Shop

- Waste management at the Southern Grind Coffee Shop in Heron Park was problematic this month.



Figure 8: The non-baboon-proof bins at the Southern Grind Coffee Shop, after a baboon raid.

SK9:

- SK9 showed a preference for utilising the Compass Cliffs Sleep Site during the month. This sleep site is in close proximity to the Heron Park industrial area and Capri. These areas were raided frequently during the month.
- SK9 continued to move away from the troop on numerous occasions this month to raid the urban area.
- On most occasions SK9 would take other individuals with him into the urban area to raid.
- This would lead to the ranger team having to split up and this impacts the management of the troop.
- SK9 entered the urban area on 23 occasions this month.

May 2019:

- On 19 May 2019, an adult female baboon was found dead below the Ocean View Pines Sleep Site. The cause of death is unknown.

Births and Deaths

- There were no births in the Slangkop Troop this month.
- One death was reported in the Slangkop Troop this month. An adult female was found dead below the Ocean View Pines Sleep Site, the cause of death is unknown.

SOUTH WEST REGIONAL SUMMARY:

Births and Deaths

There were no births and one death in the South West this month (in the Slangkop Troop).

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 99.2%.
- The troop slept mostly at the Tea Garden during May 2019.

Incidents that affected management

Chrysalis Academy

- An untagged male stole backpacks from students at the Chrysalis Academy on 22, 23, 27 and 28 May.
- On 31 May, MT8 raided a bin at the Chrysalis Academy.

Cape Academy

- On 29 May, MT8 raided two waste bins at the Cape Academy.

SANParks' Tokai Picnic Site

- On 13 May, TK54 raided an occupied table at the Tokai Picnic site.

HWS: TROOP MONTHLY REPORT																																		
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: MAY		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																													2		2	2	
MT13 (Y-W)	M													5																			1	
TK54 (R-R) GPS collar	M												7																				1	
TKF7	F																																0	
Un ID Male	M														7							7	7.7						7	7.7			8	
UnID Female	F													5																			1	
UN ID Juvenile																									1								1	
Un ID Individuals												2																					1	
Troop																																	0	
	%	TIME SPENT IN TOWN (Minutes)																														HRS		
Troop	0,0																																0,00	
Individuals	0,3																								20					30			0,83	
Roost:	AM	1	1	6	1	6	1	1	1	6	1	3	6	3	3	6	1	1	2	1	3	6	4	4	3	1	3	5	1	4	1	5		
Roost:	PM	1	6	1	6	1	1	1	6	1	3	6	3	3	6	1	1	2	1	3	6	4	4	3	1	3	5	1	4	1	5	3		
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.																																

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Buitenverwachting

The Tokai Troop frequently went into Buitenverwachting by entering at the entrance gate below The Range.



Figure 11: The Tokai Troop climbing over the entrance gate into Buitenverwachting, below The Range.

Zwaanswyk Road

On 22 May, a juvenile baboon entered Zwaanswyk Road by using a hole under the fence, dug out by porcupines.

Births and Deaths

- No births or deaths were recorded in the Tokai Troop during May 2019.

2. ZWAANSWYK TROOP

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 96.67%.
- The troop slept mostly at the Tea Garden during May 2019.

Incidents that affected management

Cape Academy

- On 11 May, an untagged female baboon raided a dustbin at the Cape Academy.

Births and Deaths

- On 2 May, TK53 was euthanased in terms of in terms of the Guidelines for Baboon Management (March 2019) for assertive raiding behaviour.
<http://baboons.org.za/images/Protocols/Guidelines for Baboon Management March 2019.pdf>
- On 24 May, an infant died due to infanticide committed by TK54.

3. CONSTANTIA TROOP 1 (CT1)

In Town Statistics

- Time out of town for the troop was 99.67%.
- Time out of town for individuals was 99.33%.
- The troop mostly slept at the Upper gums sleep sites during May 2019.

Incidents that affected management

Price Drive

- CT1 continued to enter Klein Constantia and Buitenverwachting during the month. The Troop, however, spent most of its time on SANParks' land.
- On 17 May, CT1 Troop entered Price Drive and moved through the houses towards Ou Wingerd Road and would then enter Groot Constantia. One bin raid by an unidentified individual, was reported.

HWS: TROOP MONTHLY REPORT																																									
SECTOR		CLASSES OF BEHAVIOUR																																							
NORTH		1	In urban area												4	Attacking pets								7	Threatening behaviour/attack/stealing food																
BABOON TROOP:	CT1	2	Raid bins												5	Raid unoccupied house or vehicle								8	Breaking & Entering/Damaging property																
MONTH: MAY	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								
MT14	M																	1														1									
CON16	M																	1														1									
CONF1	M																	1														1									
Un ID Male	M																	1														1									
Un ID Female	F																	1														1									
Un ID Juveniles																		1														1									
Un ID Individuals																		2														1									
Troop																		1														1									
	%	TIME SPENT IN TOWN (Minutes)																														HRS									
Troop	0,1																	20														0,33									
Individuals	0,2																	40														0,67									
Roost:	AM	1	1	1	1	1	3	3	3	3	1	1	1	1	1	1	1	8	2	1	1	1	4	3	1	1	1	3	6	6	1										
Roost:	PM	1	1	1	1	3	3	3	3	1	1	1	1	1	1	1	1	8	2	1	1	1	4	3	1	1	1	3	6	6	1	5									
Roost Sites		1	Upper Gums							2	Lower Gums							3	Bike Trail Gums							4	Middle Plantation							5	Price drive stream						
		6	Buitenverwachting Gums							7	Block 10 Gums							8	Castle Gums							9	Dumping Site							10	Veels-te-Ver						
		11	Watergat							12	Other							13								14								15							
ID Features of Baboons																																									
General remarks		Bold and italics text indicates non-urban raids.																																							

Figure 13: The CT1's raid sheet for May 2019.

Births and Deaths

- On 22 May an infant was seen in the CT1 Troop.
- No deaths were reported in CT1 this month.

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 Buitenverwachting Gums Sleep Site during May 2019.

Incidents that affected management

- The CT2 Troop continued entering Buitenverwachting around Block 10 during the month. The majority of CT2 Troop's time was spent on SANParks' land.



Figure 14: An untaged male in the CT2 Troop climbing over the Buitenverwachting fence using a tree to get over the fence into Buitenverwachting.

Migrations

- On 10 May, an untaged male emigrated from the Mountain Troop and joined the CT2 Troop.
- On 12 May, CON2 left the CT2 Troop and joined the Mountain Troop.

Births and Deaths

- No births or deaths were reported in the CT2 Troop during May 2019.

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 May 2019.

Incidents that affected management

Buitenverwachting:

- The Mountain Troop continued to enter Buitenverwachting during May and even went as far as to move towards Klein Constantia. The troop, however, spent majority of its time at Veels-te-Ver and on SANParks' land.
- On 28 May, about 20 individuals from the Mountain Troop, ran on the roof of one of the houses located on Buitenverwachting.
- On 29 May, an untagged male baboon from the Mountain Troop raided a house on Buitenverwachting.

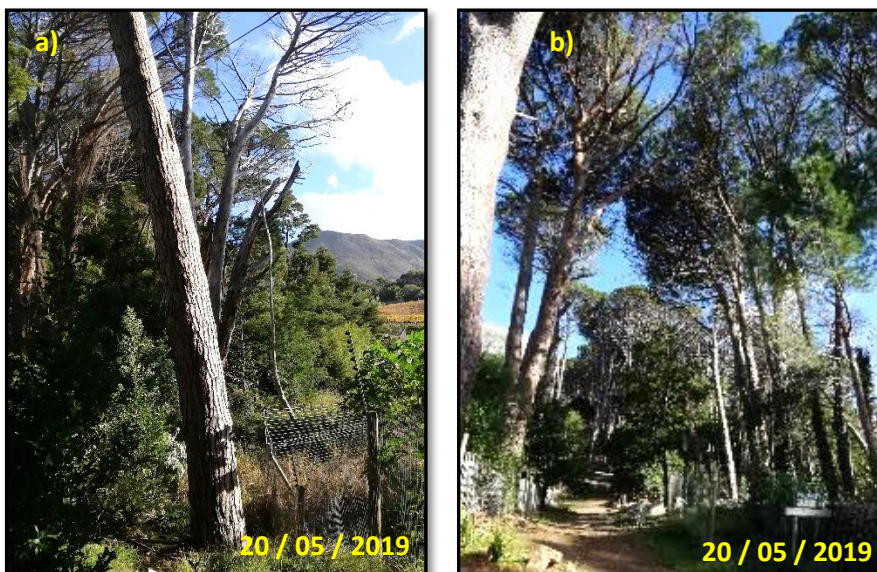


Figure 15: Trees below the Veels-te-Ver stores that the Mountain Troop uses to get over the electric fencing to enter Buitenverwachting.

Births and Deaths

- On 17 May, a male juvenile baboon was electrocuted on the Veels-te-Ver transformer box.
- No births were reported in the Mountain Troop during May 2019.

Migrations

- On 10 May, an untagged male emigrated from the Mountain Troop and joined the CT2 Troop.
- On 12 May, CON2 left the CT2 Troop and joined to the Mountain Troop.

NORTH REGIONAL SUMMARY:

Births and Deaths

- There was one birth in the North during May 2019, in CT1.
- Three deaths were recorded in the North, two in the Zwaanswyk Troop and one in the Mountain Troop.

Recommendations

- **Signage** informing the public to **lock their vehicle doors** and keep **windows closed**, placed at the **SANParks boom gate** on Tokai Road, would have the effect of reducing baboons **raiding vehicles**.
- **Signage** informing visitors to Chrysalis Academy to not leave their bags unattended could reduce the high rate of bags being taken by baboons.
- **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 the **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 installed** in areas where **porcupines dig under fences** which baboons use to **enter the urban area**, will reduce incursions.
- **The porcupine tunnels** installed at the Zwaanswyk fence should be monitored to determine whether they are used by **porcupines**.

C. COMMUNITY AWARENESS AND EDUCATION

Monthly Feedback Summary – Community Awareness & Education

Various tasks are carried out by the Community Conservation Officer on a monthly basis. The aim is to monitor and raise awareness amongst the baboon-affected communities on the Peninsula about baboon-proofing residential homes, waste areas at businesses and public areas.

Tasks include site visits to check on waste management; residential visits to houses that are reported to have been raided by baboons or have a baboon attractant on the property. Common attractants are fruit trees, vegetable gardens, open compost heaps, access to human-derived foods or unsecured bins.

Educational pamphlets or posters are distributed in affected areas and educational awareness sessions are conducted at schools, in communities and businesses. Stakeholder meetings are also held with affected parties.

Tasks	Community Conservation Officer's Activities - May 2019			
	South East Da Gama	South-East Smits/Waterfall	South-West	North
Site visits		Millers Point Picnic Site; Black Marlin; Happy Valley Home	The Hub; Camel Rock Restaurant; Whole Earth Café; In2Foods; Rodgers Fruiterer	Chrysalis Academy; Tokai Picnic Site; Cape Academy
Residential visits	Da Gama Park			Porter Estate
Distribution of educational materials		Murdock Valley North		Chrysalis Academy
Education/ Awareness sessions		Happy Valley Home; Simon's Town Primary School	Marine Primary School	Chrysalis Academy kitchen staff; Chrysalis Academy 19 Alpha course
Bin audit	Welcome Glen; Da Gama Park			
Stakeholder Meetings				Cape Academy
	Bin Guard (a meeting related to the locking mechanisms baboon-proof bins, relevant to all sections)			

Table 1: Summary of tasks carried out in baboon-affected communities on the Peninsula in May 2019.

Bin Audit:

- During April and May 2019, a bin audit was conducted in Da Gama Park and Welcome Glen. Wheelie bins issued by the CoCT municipality were assessed to determine whether they were baboon-proof and if they required replacing (based on the effectiveness of the locks, lids and other damage noted on the bin).
- There were many non-baboon proof bins in both Da Gama Park and Welcome Glen that need replacing with lockable bins. The audit showed that 57% of bins in Da Gama need replacing, and 36% need replacing in Welcome Glen. A total of 339 bins require replacing in these two areas to prevent baboons gaining access to human-derived foods (HDFs). Refer to Table 2 below for a summary of the bin audit undertaken.
- All residents with bins that do not securely contain their waste, are encouraged to contact their local municipality to request a replacement bin from CoCT Solid Waste (**CoCT Call Centre: 086 010 3089**). Waste management is a major concern in most areas. Residents are requested to work with HWS to eliminate this attraction to baboons by ensuring that waste in their bins is not accessible to baboons by ensuring that they have a secured, lockable bin.

	Da Gama Park		Welcome Glen	
Status of bin	Number of houses	Percentage of houses	Number of houses	Percentage of houses
Unknown	21	9.6	24	8.0
Need to replace	167	57.0	109	36.3
No need to replace	99	33.4	167	55.7
<i>Total</i>	287		300	
Number of bins to be replaced	217		122	

Table 2: Summary of number of houses with black wheelie bins that need to be replaced, do not need to be replaced and where the status is unknown in Da Gama Park and Welcome Glen, obtained through a bin audit conducted in April-May 2019.

D. GENERAL COMMENTS ON ALL BABOON TROOPS

1. POPULATION CHARACTERISTICS

During May 2019, there were two births and six deaths recorded in the managed population. One birth and three deaths were recorded for the North and South respectively.

TROOP	END JUNE TOTALS						MAY 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	1	0		8	7	
Smitswinkel	21	22	24	29	33	35	0	0		0	3	
Waterfall	28	29	31	33	37	40	0	2		3	7	+1
GOB	20	19	16	17	23	29	0	0		2	1	
Misty Cliffs	17	16	9	11			0	0		0	0	
Slangkop	37	40	35	41	40	44	0	1		5	3	
SUB TOTAL	165	169	161	183	185	203	1	3		18	21	
Zwaanswyk	28	28	30	28	30	20	0	2	+1	5	4	-3
Tokai	64	70	62	65	69	75	0	0	-1	12	5	+3
Mountain	41	47	49	47	57	60	0	1	-1 & +1	5	6	-2
CT1	70	69	77	81	63	46	1	0		6	2	+1
CT2					22	10	0	0	+1 & -1	2	1	+1
SUB TOTAL	203	214	218	221	241	211	1	3		30	18	
TOTAL	368	383	379	404	426	414	2	6		48	39	

Table 3: Population data for the eleven managed troops on the Cape Peninsula in May 2019. Emigration/Immigration figures show animal movements between troops and are accommodated in the troop population totals. *During May 2019, a baboon from the Tokai Troop joined the Mountain Troop, a baboon from the Mountain Troop moved to CT2, while another from CT2 joined the Mountain Troop.*

There was a total of six deaths in the managed population in May 2019. Two euthanasias were carried out according to the Guidelines for Baboon Management (March 2019); one was the result of an electrocution; another because of injuries related to an altercation with a dog; an infanticide and in one case, the cause of death was unknown.

Deaths	January to December Totals							MAY 2019	TOTAL 1 July 2018 to 30 April 19	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	2	2	71
Human Induced (HID)	8	7	10	11	7	6	5	2	15	69
Direct **	8	6	6	8	4	3	5	1	6	46
Indirect ***	0	1	4	3	3	3	0	1	7	21
Natural	7	30	19	33	16	28	11	1	16	160
PLOHP****							7	0	0	7
Unknown	1	3	0	4	7	13	10	1	6	44
TOTAL	33	56	37	55	37	59	28	4	39	351

Table 4: 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 Landowner 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

During May 2019, there were 339 calls from managed areas. This is a significant increase of 114 calls from last month (April 2019). Majority of the calls were received from Simon's Town and Murdock Valley. The amount of calls received from the northern section was low this month.

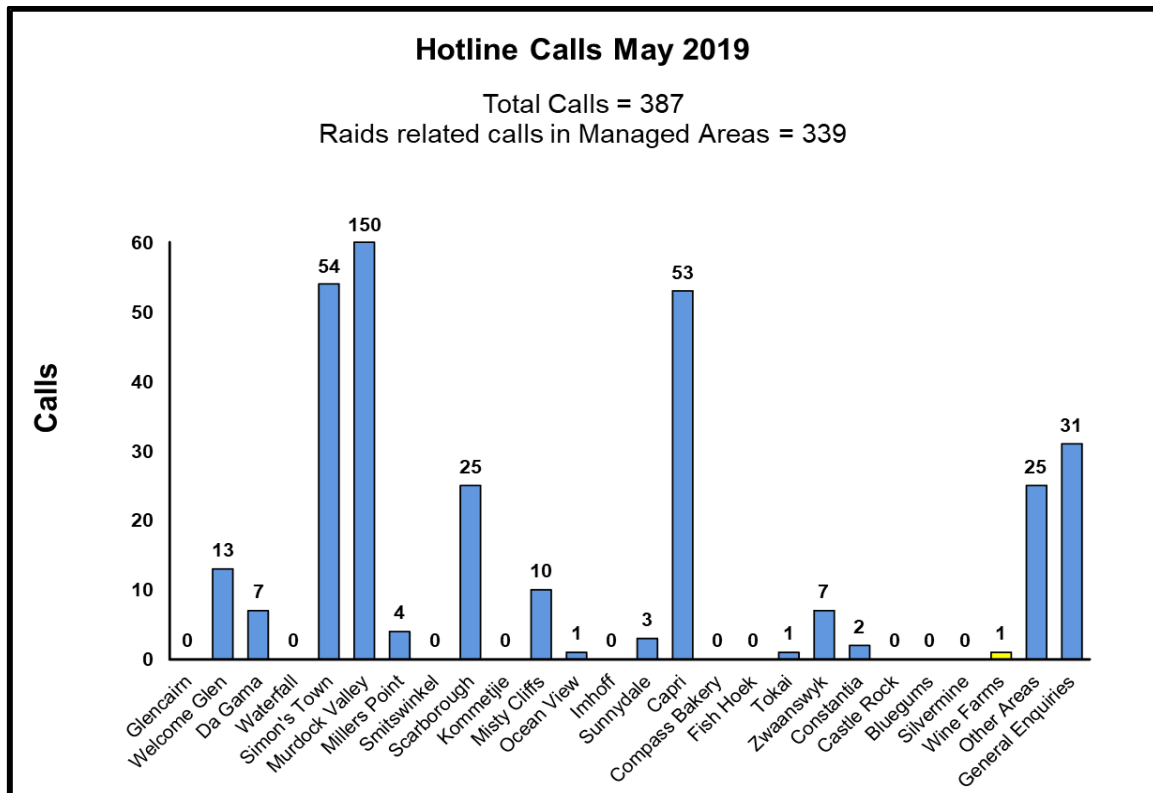


Figure 16: Hotline calls summary per urban area for May 2019. Raid-related hotline calls are calls reporting managed baboons in urban areas. Managed Areas are those areas in which managed baboon troops raid. Other Areas, represent those areas beyond the urban edge or the range of managed baboons.

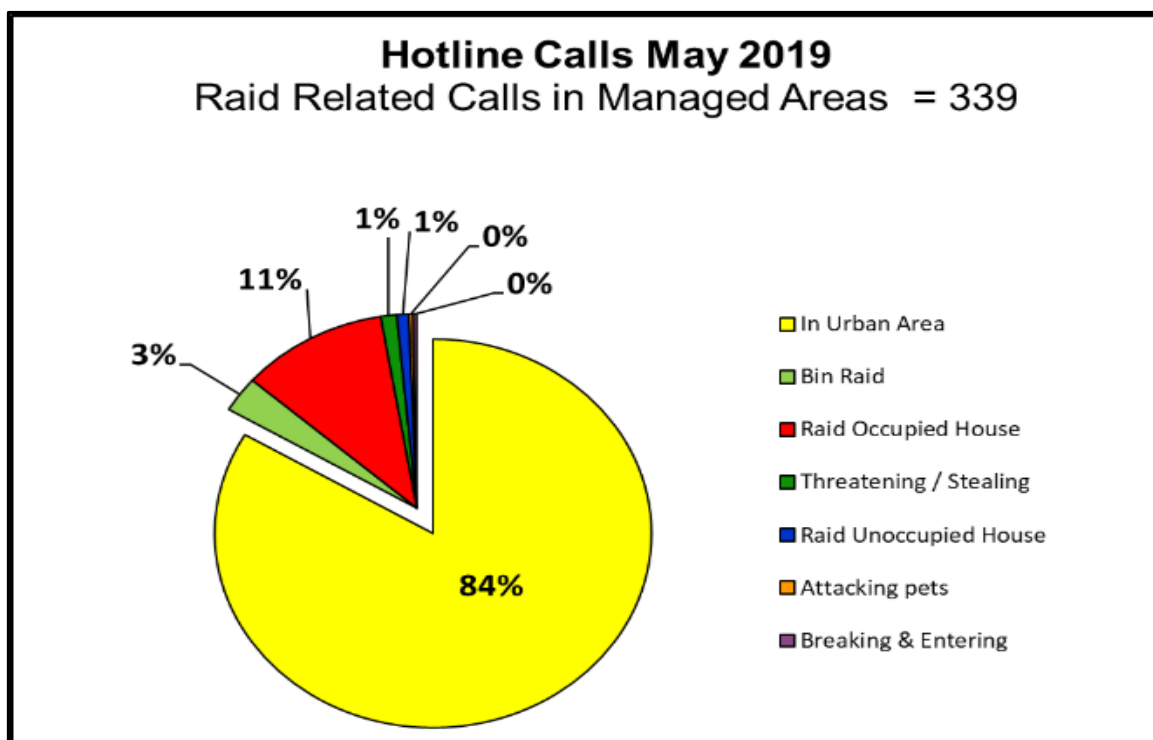


Figure 17: Composition of raid-related hotline calls during May 2019.

3. PERCENTAGE TIME OUT OF TOWN

The percentage time the troops spent out of town in May 2019 was 99.3%. this is a slight decrease from time out of town in April 2019 which was 99,7%. Individuals, however, spent 92,9% time out of town which was an increase from 92,1% in April 2019. The increase in the time out of town for the troops can be attributed to the Da Gama Troop and the Smitswinkel Bay Troops entering the urban area on a few more occasions during May 2019. Da Gama Troop spent 9.95 hours in town, while the Smitswinkel troop spent 9.92 hours in town during May 2019.

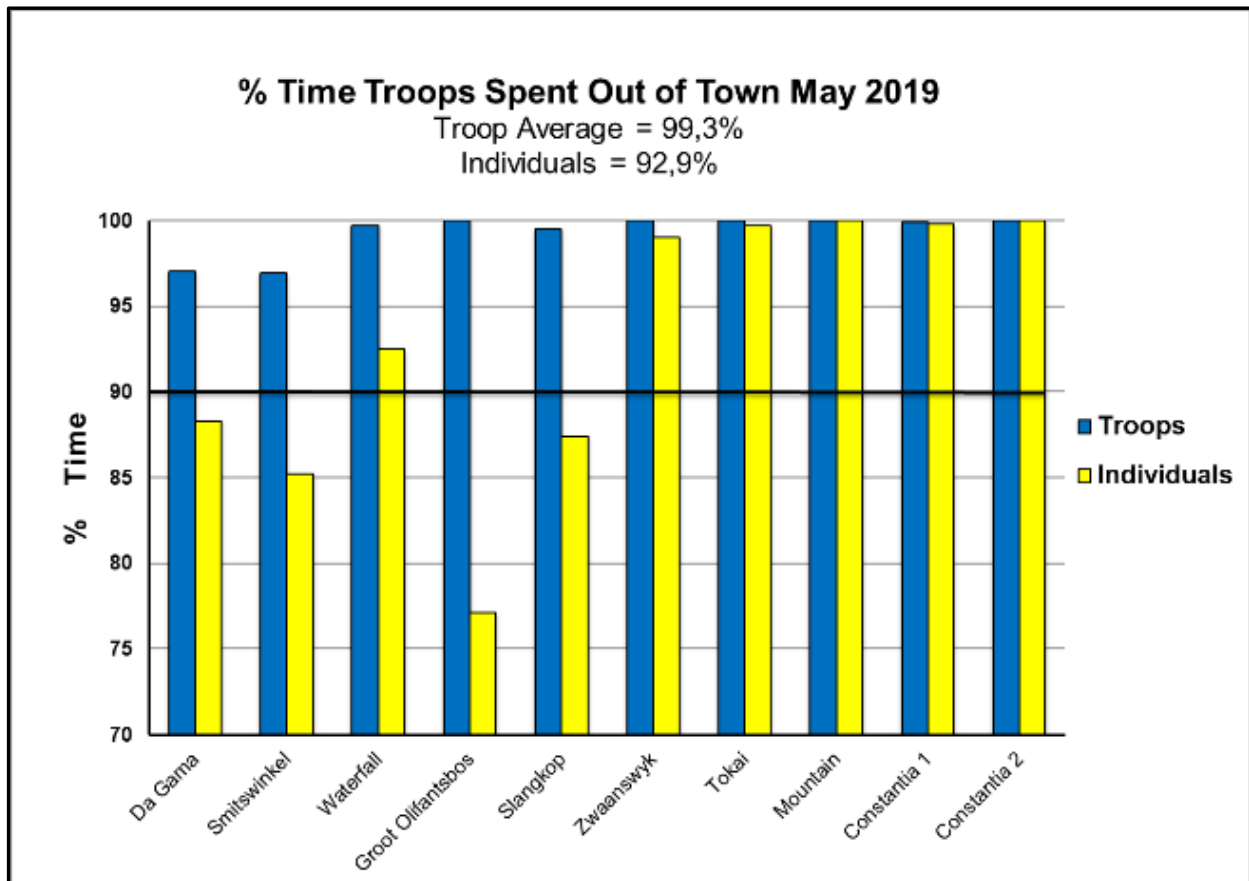


Figure 18: Percentage time troops spent out of town during May 2019. The solid line at 90% indicates the City of Cape Town's 2014 and current contract requirement.

E. CONCLUSION

Baboons are more determined to enter the urban area during the winter months. This behaviour is evident in individuals in Da Gama, Smitswinkel and Slangkop Troops this month. The two male baboons in Da Gama park continue to fight for dominance, often resulting in either male entering the urban environment, whether on their own or with a group of females (particularly in the case of DG18). A small group of females also often heads into town on their own, on occasion to move away from the fighting males. In Smitswinkel Troop, SWB12 has been moving into or raiding the urban environment on numerous occasions.

SWB12 has raided multiple houses this month and leads a splinter group into the urban environment. In the Slangkop Troop, SK9 moves away from the troop to raid in the urban environment, often soliciting others to join him. These raiding individuals often require the ranger teams to split, placing increased pressure on the management of the troop.

As of the July 2017 tender, each year an accurate ground count to determine the number of baboons in each troop is conducted during May and June 2019. These counts have begun in each troop and will be reported in the Annual Report produced by HWS, available after July 2019. At the end of June, once observed counts have been completed, discrepancies between observed versus expected numbers are corrected, and the figures are adjusted per the counts.

During May 2019, focused outreach, education and awareness within communities affected by baboons continued. Outreach is focused on schools, residences, businesses and public areas. This position, which was initiated a year ago, has been a major success of the project, continuing to help drive positive change to human behaviour around the Peninsula.

Dr Phil Richardson

HUMAN WILDLIFE SOLUTIONS (PTY) LTD