



Photo: Kim Gordon

Human Wildlife Solutions

Monthly Report

August 2018

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A. INTRODUCTION

This monthly report covers the period from 28 July to 31 August 2018. It became evident during the writing Annual and Annual Count reports, that finishing the report on the last (or second last) Friday of the month as was previously done, can cause many complications, especially when analysing annual data. As such, going forward, all reports will follow the calendar month and HWS Monthly Reporting period will run from the 1st to the last day of the month.

Despite the cool winter conditions, the month of August experienced good rainfall and most of the troops spent 100% of their time out of town. The trend over the last few years has been for troops to push down towards the lower reaches of the mountain to be less exposed to the wind and rain. This has led to an increase in raiding and human-baboon conflict. This month raiding was undertaken mainly by a few individuals from a few troops. Raiding in general, is expected to decrease since the good winter rains and as the weather warms up.

B. BABOON MANAGEMENT AND RAID REPORTING

SOUTH EASTERN REGION – AREA MANAGER: ZIGGY RODE / CATH SHUTTE

1. SMITSWINKEL BAY TROOP

In Town Statistics

- The Smitswinkel Troop spent 100% of its time out of the urban area this month.
- Individuals spent 99,5% of time out of the urban area.
- The troop utilised its northern sleep sites for the majority of the month (66%) and the southern sleep sites for 34% of the month.

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: August	YEAR: 2018	3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding																															
BABOON ID	Sex	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL																			
SWB6	M															6																						1																		
SWB10	M															2																						1																		
UnID Males	M																																					0																		
UnID Females	F															6.2																						2																		
UnID Juveniles																																						0																		
UnID Individuals																											1											1																		
Troop																												1										0																		
	%	TIME SPENT IN TOWN (Minutes)																																	HRS																					
Troop	0.0																																				0.00																			
Individuals	0.5															30												60									1.50																			
Roost:	AM	6	2	5	3	4	4	3	4	4	4	4	5	4	4	4	5	4	2	4	1	1	4	4	1	7	4	4	2	4	4	4	4	5	5	5	2																			
Roost:	PM	2	5	3	4	4	3	4	4	4	4	5	4	4	4	5	4	2	4	1	1	1	5	1	7	4	4	2	4	4	4	4	4	5	5	5	2	3																		
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		<i>Black, bold and italics text indicates raids at SANParks. Red Italics and bold indicate raids on the farms.</i>																																																						

Figure 1: Smitswinkel Bay Troop raid sheet for August 2018.

Incidents that affected management

Troop Movement:

- The Smitswinkel Troop predominantly moved in the northern section of its ranging area this month.
- The troop was often not seen for the whole day because the troop moved along the upper reaches of the Swartkop Mountain range.

11 August 2018:

- Individual baboons broke the line and moved towards the Black Marlin. The baboons gained access to the kitchen through the open kitchen door. HWS has addressed issues at the Black Marlin with the new General Manager.

Millers Point Picnic Site:

- The bins at the Millers Point Picnic Site are still not secured to the poles. This enables the baboons to toss the bins down and access the waste items inside. HWS has reported this to the City of Cape Town.



Figure 2: Bins at the Millers Point Picnic Site.

2. WATERFALL TROOP

In Town Statistics

- The Waterfall Troop spent 100% of its time out of the urban area this month.
- Individuals time out of town continued to increase from 97,9% in July to 98,3% in August 2018.
- Raids on City of Cape Town land continued to decrease and accounted for 11% of the total raids. The remaining 89% of raids, took place on SA Navy properties.
- The Waterfall Troop predominantly slept at the SANAD Sleep Site (69%). The remainder was spent between the Waterfall Cliffs and Happy Valley Sleep Sites.



Figure 3: The Waterfall Troop's movements for August 2018.

Incidents that affected management

The South African Navy: Simon's Town

- Once again, the majority of raids took place on Navy land this month. With an absence of effective baboon-proofing in place, facilities belonging to the South African Navy continue to be a constant source of attractants for baboons.
- Bins were raided at Navy facilities on 63 occasions. This constitutes 88% of the total raids at navy facilities this month.
- A meeting was held with Rear Admiral Dlamini on 23 August. The aim of the meeting was to implement mitigation measures at the various naval facilities. The meeting was positive and point source attractants were identified.

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: August	YEAR: 2018	3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding																							
BABOON ID	Sex	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL											
CON4	M					2,2,2					2,2					2,2	2				2,2,2					2							2				13											
WF5	M	2						2,2			2,2	2				2,2	2	2,2			2,2,2				2	2,2,2					2,2			2		21												
UnID Males	M	2,5,2						2,2			2,2					2,2					2,2,2				2									2		14												
UnID Females	F	2				2,2,2					2,2					2,2																				8												
UnID Juveniles		2																2	2,2																	4												
UnID Individuals															6,5	2				6				2				2,5		1	6	5,5, 2,2,6	5,2	2,2		21												
Troop																																				0												
	%	TIME SPENT IN TOWN (Minutes)																																HRS														
Troop	0.0																																		0.00													
Individuals	1.7														15														43		133	135			5.43													
Roost:	AM	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	6	10	10	10	5	10	10	10	10	10	6	1	1	1	1	2	1	10	10												
Roost:	PM	10	10	10	10	10	10	10	10	10	10	10	10	10	10	1	6	10	10	10	5	10	10	10	10	10	6	1	1	1	1	2	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 <i>Italics</i> indicates raiding inside the South African Naval Ammunition Depot (SANAD) and Signal School. Black, <i>Italics</i> indicates raiding on farms.																																														

Figure 4: The Waterfall Troop's raid sheet for August 2018.

Happy Valley Waste Management:

- Waste management at Happy Valley continued to be problematic this month. One of the main issues is where the bins are placed on bin collection days.
- HWS staff erected 12 hooks on the wall outside the Happy Valley entrance to secure the bins and prevent the baboons from tossing the bins over. However, HWS observed that the bins were sometimes over-filled, rendering the baboon-proof locks useless.



Figure 5: Hooks on the wall outside Happy Valley for the bins to be hooked onto.



Figure 6: Happy Valley bins on the bin hooks on bin day, over filled and open.

3. DA GAMA TROOP

In Town Statistics

- Time out of town for the troop was 98.6%.
- The troop spent only three nights out of town, sleeping at Grootkop, and the Maylands sleep site.
- Individuals' time out of town went down to 82.5% for July 2018. Females continued to break the line and spend time in town.



Figure 7: The Da Gama Troops' movement for August 2018.



Figure 8: Bin raided at the houses in Da Gama Park.

Incidents that affected management

- The troop was feeding mostly around Maylands sleep site area as well as around the dams.
- The males, DG14 and DG18, both broke away from the troop to raid town with a few females.
- Both of these males continued attempt to kill infants and young juveniles.
- On 12 August, there was an altercation between a juvenile baboon and a dog in Da Gama Park. The juvenile did not appear to have sustained any serious injuries.
- Several bins at the houses in Da Gama Park are not baboon-proofed or are broken. This has led to numerous bin raids on bin day but also on other days when bins are not secured.

HWS: TROOP MONTHLY REPORT																																																				
SECTOR		CLASSES OF BEHAVIOUR																																																		
		SOUTH EAST																																																		
BABOON TROOP:		DA GAMA																																																		
MONTH: AUGUST		YEAR: 2018																																																		
		1 In urban area												4 Attacking pets												7 Threatening behaviour /attack/stealing food																										
		2 Raid bins												5 Raid unoccupied house or vehicle												8 Breaking & Entering/Damaging property																										
		3 Non malicious damage												6 Raid occupied house or vehicle												9 Nocturnal Raiding																										
BABOON ID		Sex	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL														
Troop			1						1	1	1		1						1		1					1		1					1	1				11														
DG14 (O-G)		M		2								1						1			1								2			2	2		2			7														
DG18		M	2	2								1		2				1			1		1		1	1				1	2		2	2	6			14														
DGF1		F																														2					1															
DGF2		F																																			0															
UnID Females		F	2	2	2	1	1	1	1	1	1	1	1	1	1		1	2		1	1								2		1	2		2	2	1		22														
UnID Female		F											2	2						2	1				6	1	2	1		1							9															
UnID Individuals							2						5										2														3															
UnID Juvs												1						1			1																3															
		%	TIME SPENT IN TOWN (Minutes)																															HRS																		
Troop		1.4	15						8	15	18		140						8		30					10		15						15			4.57															
Individuals		17.5	55	26	60	205	100	85	23	28	10	65	395	30				95	120		160	215		95		25	205	80	150		600	125	13	55	26	340	56.43															
Roost:		AM	3	1,3	2	2	3	2	3	4	21	1,3	2	3	21	21	20	3	3	2	3	2	3	21	17	3	2	3	3	17	3	1,3	3	3	1,3	2	2,1															
Roost:		PM	3	2	2	1,3	2	3	4	21	1,3	2	3	21	21	20	3	3	2	3	2	3	21	17	3	2	3	2	17	3	1,3	3	3	2	2	2,1	2															
Roost Sites			1 Flats										2 Pines - Flats Da Gama										3 Pines - DG 2nd ave, 9th, 16th										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									
ID Features of Baboons			21 16th Avenue, DG										22 Lewis Gay Dam										23 Pinehaven										24 Kleinplaas Dam										25 Scarborough									
General remarks																																																				

Figure 9: The Da Gama Troop raid sheet for August 2018.

SOUTH EAST REGIONAL SUMMARY:

Births and Deaths

- **Smitswinkel Troop:** No births or deaths were reported.
- **Waterfall Troop:** No births or deaths were reported.
- **Da Gama Troop:** One birth was reported on 13 August. A dead juvenile was found on 30 July, the cause of death is unknown.

Recommendations

- The current waste service provider to the City of Cape Town will not empty bins that have not been taken out of the bin bays at the SA Navy personnel's **Da Gama Flats**. It is recommended that the SA Navy assign personnel to pull out **the baboon-proof bins from bin-bays at Da Gama Flats**. It is also recommended that the management teams of City Waste and the SA Navy address this issue. The repeated recurrence of the bins that are not collected is not only a health hazard for residents, but the bins attract baboons to the area which leads to potential human-wildlife conflict.
- **Baboon-proof bins** are needed at the **West Yard** of the **Navy docks** to prevent baboon raids. The **cafeteria** at the **West Yard** also needs to **be baboon-proofed**.
- All vegetable gardens should be baboon-proofed, and residents should refrain from planting and nurturing fruit trees in baboon-affected areas. Alternatively, all fruit should be removed from fruiting trees to prevent baboon raids.
- Residents at the **Waterfall Barracks** and **Happy Valley Shelter** should **keep their doors and windows closed** and their food out of the sight of baboons, when they are not home to prevent raids.
- **Poor waste management** at the South African Naval Armament Depot (**SANAD**) and the **Waterfall Barracks** needs to be addressed. If waste management is improved, baboons will not be able gain access to food so easily and fewer baboon incidences will be recorded.
- A **solution** for the '**What's Ya Flava**' café in Simon's Town needs to be found to prevent baboons from raiding the shop, but still making it easily accessible for customers.
- The **use of clear recycling bags** in baboon-affected areas **should be re-evaluated** as this remains an attractant for baboons.
- **Waste and recycling collection** should be **prioritised and collected early in the morning in baboon-affected areas** to avoid the waste becoming an attractant to baboons.

SOUTH WESTERN REGION – AREA MANAGER: CATH SHUTTE**1. GROOT OLIFANTSBOS TROOP (GOB)****In Town Statistics**

- The GOB Troop spent the majority (97%) of August within the Cape of Good Hope (CoGH) section of the Table Mountain National Park (TMNP).
- While outside the CoGH, the troop slept in the pines at Shamballah (3%).
- The three GOB females and their three juveniles (referred to as the GOB individuals), roosted at the Misty Cliffs Sleep Site for the majority (91%) of August and inside the TMNP for remainder of the month (9%).
- These Individuals spent 71,2% 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: AUGUST	YEAR: 2018	3	Non malicious damage					6	Raid occupied house or vehicle					9	Nocturnal Raiding																							
BABOON ID	Sex	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
Unld Males	M																																				0	
Females	F		1	1	1		1	1	1	1.6	1			1	1	1	1	1.5	1	1	1.2	1.5	1.2	1	1,2,5		1	1.5	1,2,2,2	1.2	1.5	1		1			40	
Unld Individuals																																					0	
Juveniles																																					0	
Troop																																					0	
	%	TIME SPENT IN TOWN (Minutes)																																	HRS			
Troop	0.0																																			0.00		
Individuals	28.8	110	320	285		270	75	45	260	305			310	295	85	90	245	280	315	160	245	170	30	350		35	230	220	160	315	120		240			92.75		
Roost:	AM	2.1	2.1	2.1	2.1	2.1	4.1	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	2.1	2.1	5.2	2.1	2.1	2.1	5.1	5.1	2.1	2.1	2		
Roost:	PM	2.1	2.1	2.1	2.1	2.1	4.1	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	2.1	2.1	5.2	2.1	2.1	2.1	5.1	5.1	2.1	2.1	2	2	
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	Other																	
ID Features of Baboons																																						
General remarks		Black, bold and italics text indicates raids at SANParks.																																				



Figure 11: The waste area at The Hub Restaurant.

2. THE SLANGKOP TROOP

In Town Statistics

- The troop spent 99,3% of time out of the urban area.
- Individuals spent 93,4% of time out of the urban area.
- The troop slept 60% of their time in the pine trees behind Ocean View, 29% at the Compass Cliffs Sleep Site, 8% at the Slangkop Cliffs and on the roof on In2Foods Bakery for the remaining 3% 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: AUGUST	YEAR: 2018	3	Non malicious damage	6	Raid occupied house or vehicle	9	Nocturnal Raiding																																												
BABOON ID	Sex	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL														
SK6 (Sub-adult)	M			2		1	1			1		1	1		1	1			1				2		1	2.2			2						1	15															
UnID Males	M			2			1	1	1			1			1	1			1	1			1	2.2	1	1.2	1	2	2			1			1	20															
UnID Females	F			2.2						2.1			1		1	1			1	1			2	2.2	1	1.2	1	2				1			1	19															
UnID Juveniles															1																					1															
UnID Individuals									1									2						1	1.2	1			1		2.2	2,2,2			13																
Troop																											1				1	1			2																
	%	TIME SPENT IN TOWN (Minutes)																																	HRS																
Troop	0.7																										30				60	40			2.17																
Individuals	6.6			25		5	12	10	65	55		10	5		110	127		90	40	40			78	175	40	40	85	15	12	102	30	60		44	21.25																
Roost:	AM	2	2	2	3	2	2	2	2	3	2	2	2	2	2	3	2	2	2	3	3	2	3	3	2	2	2	5	3	3	2	1	1	1	2	2															
Roost:	PM	2	2	3	2	2	2	2	3	2	2	2	2	2	3	2	2	2	3	3	2	3	3	2	2	2	5	3	3	2	1	1	1	2	2	3															
Roost Sites		1					Slangkop					2					Ocean View					3					Compass balery					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 12: The Slangkop Troop's raid sheet for August 2018.

Incidents that affected management

28 July 2018:

- A sub-adult male baboon was found dead in Ocean View. It appeared that the baboon had become entangled in the fence wire and unfortunately died as a result.

Fruit Trees:

- Individual baboons were attracted to the many fruit trees in Ocean View again this month.
- The main areas for concern are Cheetah Road, Comet Road, Laguma Street and Alcor Avenue.

Ocean View:

- It was reported that various groups of youths chased the baboons on numerous occasions this month.
- On 26 August 2018, the baboons foraged on the plateau above Ocean View. A group of youths actively sought out the baboons and began to chase and throw rocks at the troop and HWS rangers.
- The baboons ran towards Slangkop Mountain to get away from the youths.
- This resulted in the troop roosting on the Slangkop Mountain Cliffs that evening.



Figure 13: Poor waste management at In2Foods Compass Bakery

22 August 2018:

- During the morning, a fire broke out in the valley between Ocean View and the new development, Kommetjie Vineyard Estate.
- The Slangkop Troop was below the Compass Cliffs Sleep Site when the fire started. HWS rangers moved the troop lower down onto Kommetjie Vineyard Estate, away from the fire.
- The fire was brought under control by late morning and was extinguished successfully during the early afternoon.

22 August 2018:

- An un-tagged, sub-adult, male baboon attacked and killed an infant on the Rooiberg Plateau.

SOUTH WEST REGIONAL SUMMARY:

Births and Deaths

There were no births and two deaths reported in the south west this month.

- **Slangkop Troop:** On 28 July, a sub-adult male became entangled in a fence and was found dead. On 24 August, an un-tagged sub-adult male committed infanticide.
- **GOB Troop:** No births or deaths were reported this month.

Recommendations

- Management of the Slangkop Troop should improve if the patches of **invasive alien plants** situated **above Ocean View** and **below the Compass Bakery Sleep Site** are removed. This issue has been addressed with South African National Parks (SANParks) and is pending.
- 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 in Scarborough** should enclose their bin area to prevent access by 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 100%.
- The troop mostly slept at the SANParks' Tokai Picnic Sleep Site during August 2018.

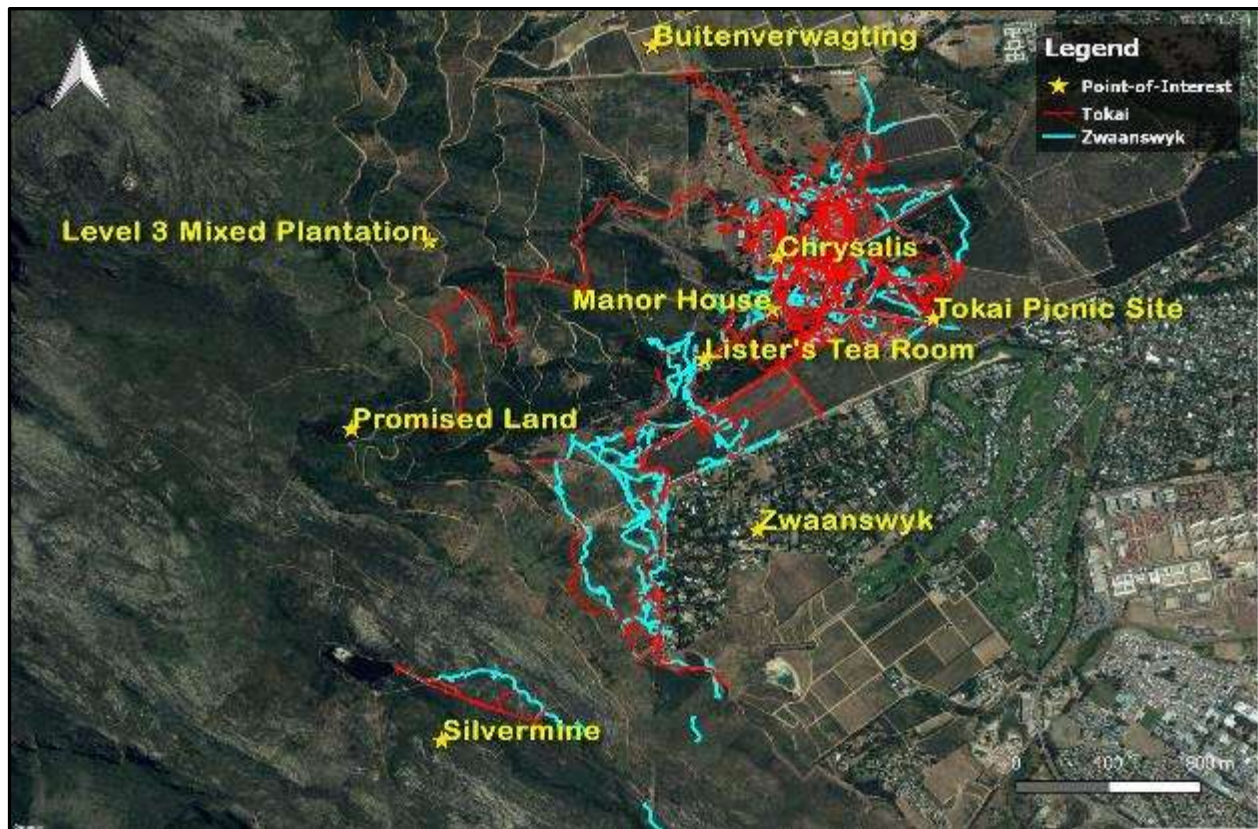


Figure 14: The Tokai and Zwaanswyk Troop's movements for August 2018.

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: AUGUST			YEAR: 2018	3	Non malicious damage	6	Raid occupied house or vehicle	9	Nocturnal Raiding																												
BABOON ID	Sex	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
MT 8 (G-W) VHF collar	M								5																												1
MT 12(Blue)	M																																				
MT 13 (yellow-white)	M																																				
Un ID Male	M	6	6						6					5																							4
Un ID Female	F																																				
Un ID Female	F																																				
Un ID Female	F																																				
Un ID Juvenile																																					
Tokai Troop	M																																				
	%	TIME SPENT IN TOWN (Minutes)																															HRS				
Troop	0.0																																			0.00	
Individuals	0.0																																			0.00	
Roost:	AM	4	3	5.7	11	3	1	1	1	4.5	1.4	5	3	5.7	5	4	4	5	5	7	10	5	5	9+10	4.5	4	4	5	4	1	5	4	4	4	2	11	
Roost:	PM	3	5.7	11	3	1	1	1	4.5	1.4	5	3	5.7	5	4	4	5	5	7	10	5	5	9+10	4.5	4	4	5	4	1	5	4	4	4	2	11	4	
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 Other					14					15															
ID Features of Baboons																																					
General remarks		Bold and italics indicate non-urban raids.																																			

Figure 15: The Tokai Troop's raid sheet for August 2018.

Incidents that affected management

Chrysalis Academy

- On 9 August an untagged male in the TKT raided an occupied house on the Porter Estate below Chrysalis.
- On 16 August a untagged male raided a vehicle on Tokai road below the Manor House by opening the car door.



Figure 16: An untagged male from the Tokai troop, raiding a vehicle on Tokai road near the Tokai bridge.

2. ZWAANSWYK TROOP

The Zwaanswyk's Troop movement was similar to that of the Tokai Troop again this month.

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 SANParks' Tokai Picnic Sleep Site during August 2018.

Incidents that affected management

SANParks' Tokai Picnic Site

- On 9 August, unidentified individuals from the Zwaanswyk Troop entered the SANParks' Picnic Site in Tokai at 17h40 and raided bins.



Figure 17: Bins raided at the SANParks Tokai Picnic site.

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 sleep sites during August 2018.

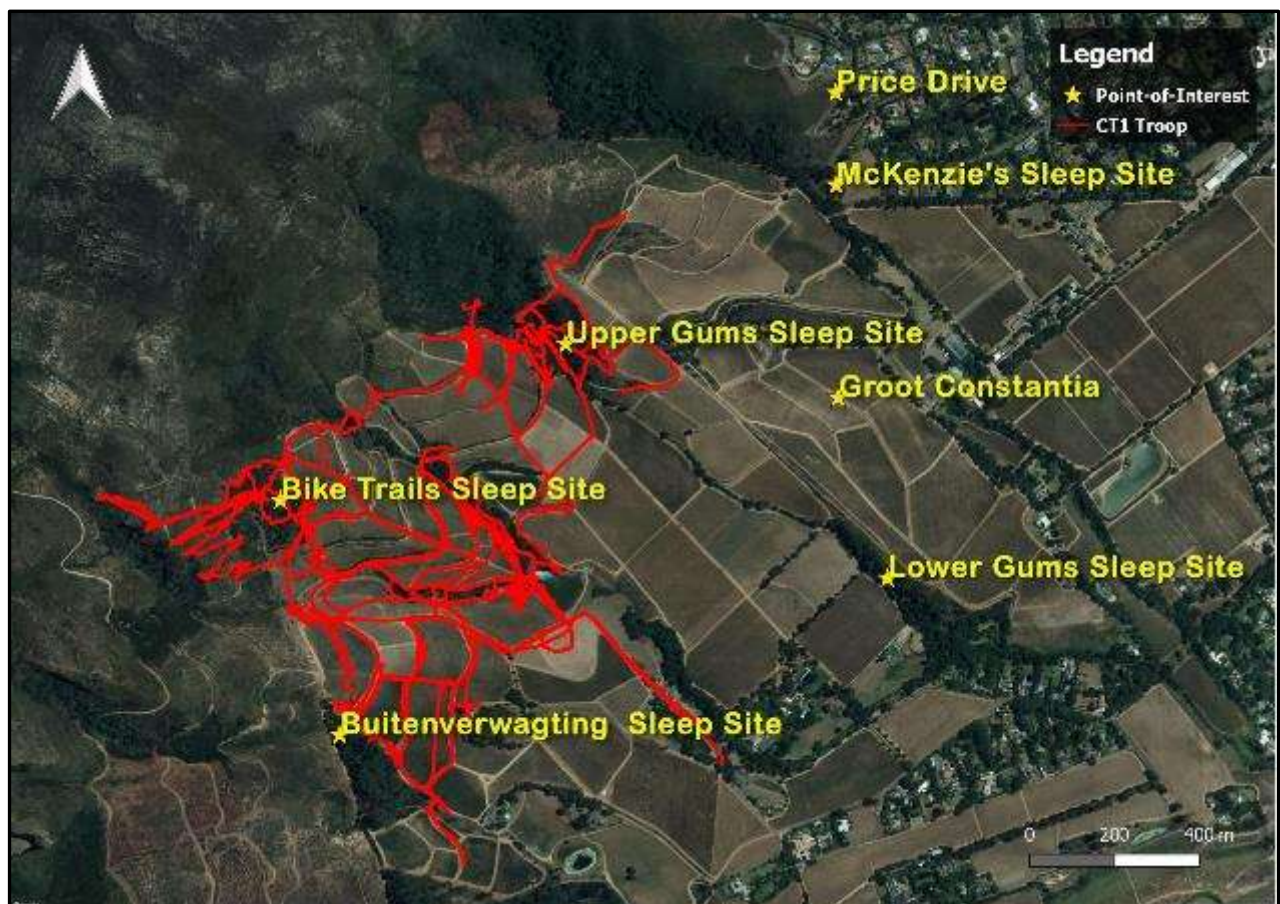


Figure 18: The CT1 Troop's movement for August 2018.

Incidents that affected management

Migrations

- On 31 August, an untagged adult male from the Mountain Troop, immigrated into the CT1 Troop.

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 August 2018.

Incidents that affected management

- There are still no adult males in the troop. However, there have been reports of an untagged male in the Mountain Troop showing interest in CT2.
- New shoots have started growing on vines on the wine farms. Baboons feed on the shoots which are nutritious, and this causes damage to the vines.



Figure 19: New shoots have started growing in the vineyards which attract baboons to the wine farms.

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 during August 2018.

Incidents that affected management

Electric transformer box at Veels-te-Ver (private property)

- The transformer box at Veels-te Ver is still exposed. HWS has liaised with the City's Electricity Department and the property owner and made recommendations. Insulating the bushings of the transformer box, by placing covers over them will prevent baboons from getting electrocuted.
- On 25 August a juvenile from the Mountain troop got electrocuted at the Veels-te-Ver transformer box. A vet was unfortunately unable to come out on the day. The juvenile could not be found following the report and is presumed dead. It has not been seen since the incident.



Figure 20: The exposed transformer box at Veels-te-Ver.

Migrations

- On 31 August, an untagged adult male emigrated to the CT1 Troop.

NORTH REGIONAL SUMMARY:

Births and Deaths

There were four births and two deaths in the northern sub-population this month.

- **Tokai Troop:** No births or deaths were reported this month.
- **Zwaanswyk Troop:** On 11 August, a new-born was reported. On 6 August, a dead infant was found. The cause of death is unknown.
- **CT1 Troop:** No births or deaths were reported this month.
- **CT2 Troop:** On 11 August, a new born was reported.
- **Mountain Troop:** Two births were reported. One on 29 July, and another on 13 August. On 25 August, a juvenile was reported to have been electrocuted at Veels-te-Ver and is presumed dead because it has not been seen since.

Recommendations

- **Signage** needs to be placed at the **SANParks' Control boom gate** on Tokai road informing the public to lock their vehicle doors and keep windows closed to prevent baboons from raiding vehicles.
- **Bins** at the **SANParks' Tokai Picnic Site** need to be closed properly to prevent baboons from raiding them.
- The **electrified perimeter fence** at the **SANParks' Tokai Picnic Site** should be upgraded and maintained on a regular basis. This will help to prevent baboons from entering the picnic site and raiding bins and picnickers.
- Regular **maintenance** and **upgrades to electrified perimeter fences on wine farms** will reduce baboon incursions on wine farms. Regular trimming and removal of overhanging trees and closing of excavations would also reduce baboon access to farms.
- 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 can't use it to enter the urban area.
- Insulating the bushings of the **Veels-te-Ver electric transformer box**, by placing covers over them, will prevent baboons from getting electrocuted.

C. GENERAL COMMENTS ON ALL BABOON TROOPS

1. POPULATION DATA

During August 2018, there were five births and five deaths in the managed population which therefore remained at a total of 414 individuals. There was one birth and three deaths in the South and four births and two deaths in the North this month. Please note as mentioned in the July 2018 Monthly Report, these data are now reported with the year starting in July and ending in June in accordance with the baboon management tender, which follows the City of Cape Town's financial year, from July to June. However, the format in Table 4 where the causes of baboon deaths are summarised on an annual basis will continue to be reported following the calendar year because of the long history of data reported in this format prior to 2012.

In June 2018, HWS conducted the annual count (see July 2018 report). Due to the number of baboons that were unaccounted for in the northern sub-population, an independent census was requested by the Baboon Technical Team (BTT) and was conducted by the Baboon Research Unit (BRU).

The BRU census (detailed age and sex classes) verified the results that were reported by HWS' in the July 2018 Monthly Report. The BRU census was conducted six weeks after the HWS count. The differences in the troop totals can be accounted for, as there were migrations from the Zwaanswyk Troop to the Tokai Troop and births in the Mountain Troop and in both Constantia troops over this 6-week period.

Northern Sub-population	HWS	BRU
Zwaanswyk	20	15
Tokai	75	79
Mountain Troop	60	61
Constantia*	56	60
<i>Constantia 1</i>	46	49
<i>Constantia 2</i>	10	11
North Sub-Total	211	215

Table 2: Comparison of HWS Counts vs BRU census. *Indicates the total for the Constantia 1 and Constantia 2 troops.

The information provided by a member of the public regarding a burial site on Veels te Ver, was investigated by CapeNature, together with the landowner and a search dog. No evidence was found of any burial site or carcasses of any animals. CapeNature has reported that the matter was closed after this.

TROOP	END JUNE TOTALS						AUGUST 2018			Total Births	Total Deaths	Total Migrations	TOTAL CURRENT POPULATION
	2013	2014	2015	2016	2017	2018	Births	Deaths	Emigration / Immigration	(1 July 2018 to 30 June 2019)	(1 July 2018 to 30 June 2019)	(1 July 2018 to 30 June 2019)	
Da Gama	42	43	46	52	52	55	1	1		1	2		54
Smitswinkel Bay	21	22	24	29	33	35	0	0		0	0	-1	34
Waterfall	28	29	31	33	37	40	0	0		0	1	+1	40
Groot Olifantsbos Troop	20	19	16	17	23	29	0	0		0	0		29
Misty Cliffs	17	16	9	11									
Slangkop	37	40	35	41	40	44	0	2		0	0		44
SUB TOTAL	165	169	161	183	185	203	1	3		1	3		201
Zwaanswyk	28	28	30	28	30	20	1	1		1	0	-4	17
Tokai	64	70	62	65	69	75	0	0		0	1	+4	78
Mountain	41	47	49	47	57	60	2	1	-1	2	1	-1	60
Constantia 1	70	69	77	81	63	46	0	0	+1	0	0	+1	47
Constantia 2					22	10	1	0		1	0		11
SUB TOTAL	203	214	218	221	241	211	4	2		4	2		213
TOTAL	368	383	379	404	426	414	5	5		5	5		414

Table 3: Population data for the eleven managed troops on the Cape Peninsula in August 2018. Emigration/Immigration figures show animal movements between troops and are accommodated in the troop population totals.

Deaths	January to December Totals							August 2018 28 July to 31 August	TOTAL 2018 1 July to 31 August	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	4	58
Direct **	8	6	6	8	4	3	5	0	1	41
Indirect ***	0	1	4	3	3	3	0	2	3	17
Natural	7	30	19	33	16	28	11	1	4	148
PLOHP****							7	0	0	7
Unknown	1	3	0	4	7	13	10	2	2	40
TOTAL	33	56	37	55	37	59	28	5	10	322

Table 4: The breakdown of the causes of baboon deaths since 2012(*Data collected during the first half of 2012 provided by Baboon Research Unit, UCT). All recorded baboon deaths have been summarised into three categories: (i) Management – baboons euthanased for management reasons according to the WAAC raiding protocol; (ii) Human Induced deaths are divided into two categories; (a**) Direct – baboons killed by dogs, car accidents, poisoning, shooting etc.; (b***) Indirect – human related: electrocutions, human related fires, fences etc. This category also includes baboons seriously wounded by the above causes, then humanely euthanased; (iii) Natural – baboons dying from old age, fights, infanticide etc.; (iv) Unknown – occasionally a baboon is found dead and the cause could not be determined. CapeNature Hunting Permit ****Private Landowner Owner Hunting Permit (PLOHP), Deaths of damage causing animals shot on farmland in accordance with a Provincial Hunting Permit issued by CapeNature in terms of the Nature Conservation Ordinance 19 of 1934.

2. HOTLINE DATA

During August 2018, there was a total of 72 calls, 38 of which were raid-related calls received from managed areas. This is a decrease of 26 raid-related calls from the last month (July 2018). Majority of the calls were for the Da Gama Troop from Welcome Glen (6) and Da Gama Park (6). Simon's Town (6), Scarborough (7) and Sunnysdale (5) also had a few calls, however the number of calls are still relatively low in comparison to previous months.

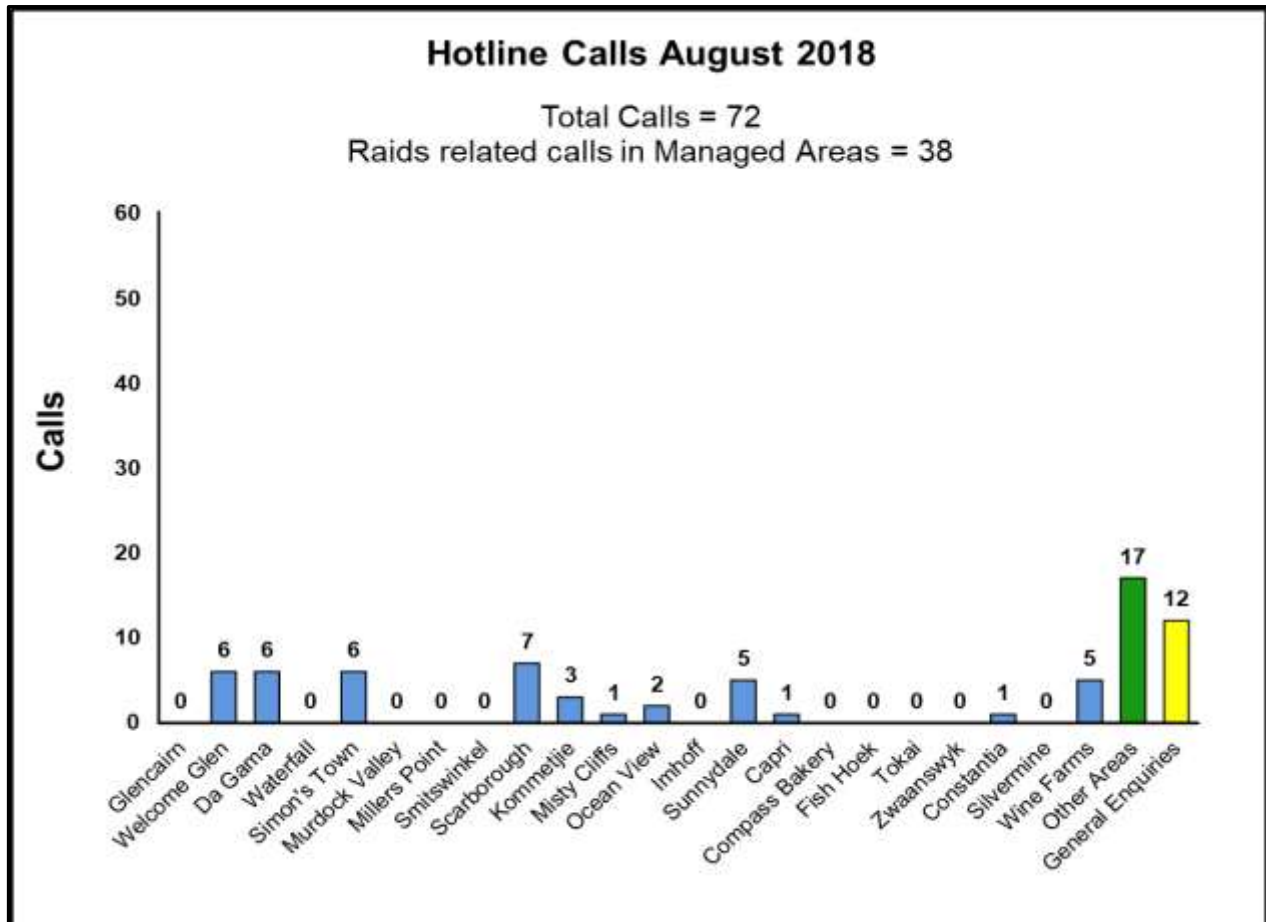


Figure 21: Hotline calls summary per urban area for August 2018. Raid related hotline calls are calls reporting managed baboons in urban areas. Managed Areas are those areas in which managed baboon troops raid. Other Areas represent those areas, beyond the urban edge or the range of managed baboons.

Although troops have been spending 99.9% of their time out of town, individuals only spent 94.6% of their time out of town. It therefore means that individuals from Da Gama, Slangkop and the GOB troops have been spending time in town, and that these incursions into town have been under-reported via the hotline, for the month of August 2018.

Of the raid related calls, 76% of the calls were reporting baboons being within the urban area. The remainder of the calls were 16% for bin raids, 5% for occupied house raids and 3% for unoccupied house raids.

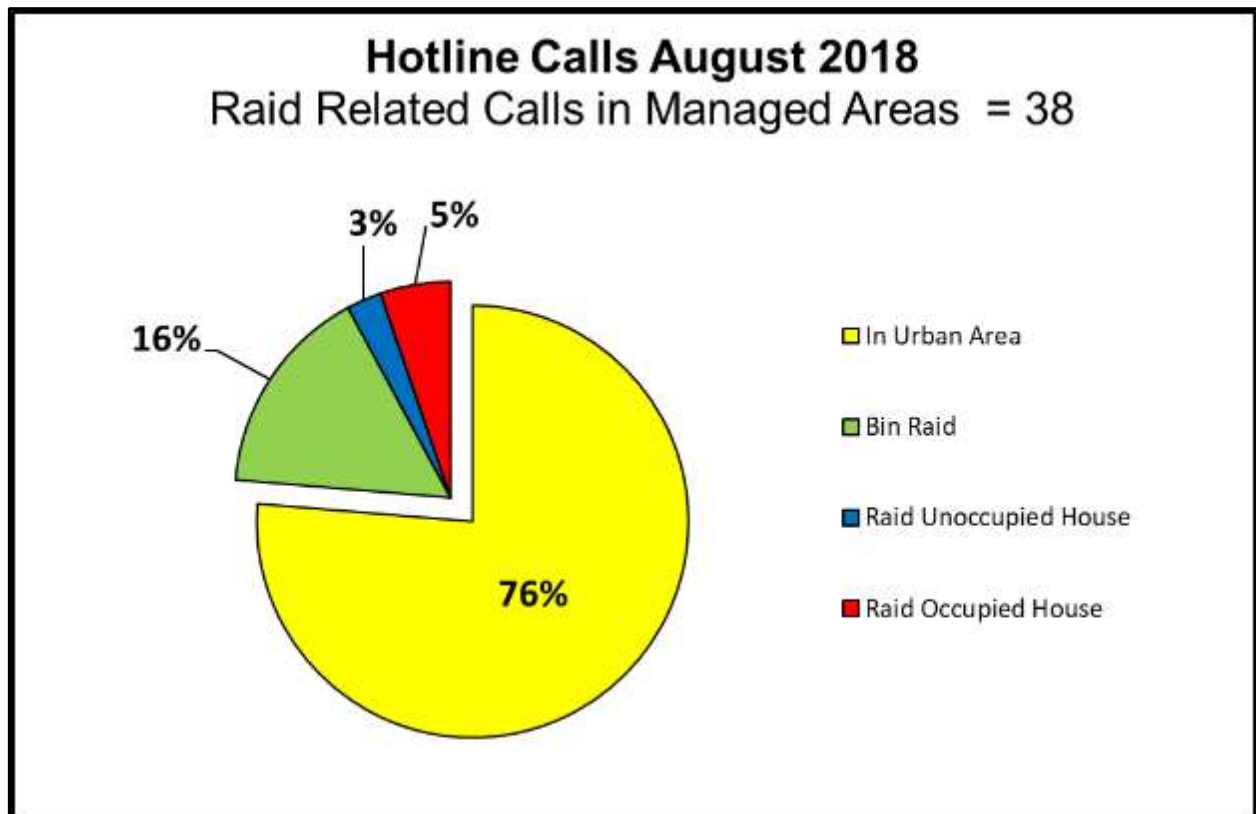


Figure 22: Composition of raid-related hotline calls during August 2018.

3. PERCENTAGE TIME OUT OF TOWN

The percentage of time that the troops spent out of town this month remained very high at 99.9%. Only the Da Gama and the Slangkop troops did not spend 100% of their time out of town. This is a very good result, as winter is the most difficult period of the year in terms of forage availability for the baboons.

The Da Gama Troop spent 98.6% of their time out of town. Continuous poor waste management at the Naval flats as well as at the houses in Da Gama Park, acts as a strong attractant for the baboons. Da Gama Park as well as Welcome Glen have numerous houses that have fruiting trees, vegetable gardens and compost heaps. The troop also sleeps in various pine trees all over the Da Gama Park area.

The Slangkop Troop has also been heavily impacted by the activities of numerous youths, who actively chase the troop either by setting dogs on them or throwing rocks at them. Fruiting trees in Ocean View and poor waste management at In2Foods have also been strong attractants for the baboons. Scaffolding next to the In2Foods bakery, gave the troop access to the roof and they all slept on top of the roof during the month.

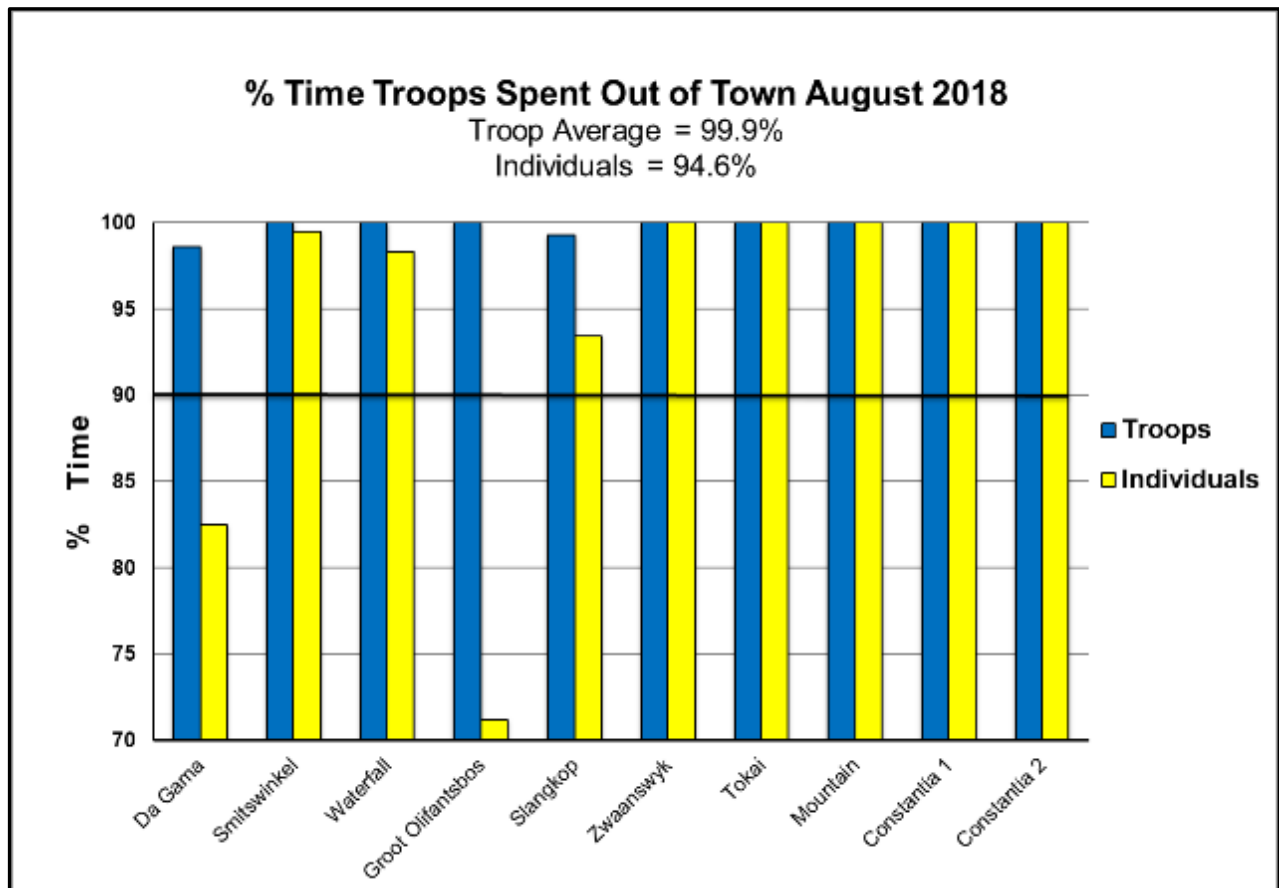


Figure 23: Percentage time troops spent out of town. The solid line indicates the City of Cape Town's 2014 and current contract requirement.

D. CONCLUSION

August is typically the end of winter, with some cold and wet spells broken up with warm days. The good rainfall over the last few months should stimulate good growth and increase forage availability for all troops going into spring. The very low number of hotline calls (38) was unusually low for this time of the year. By comparison in August 2016, 122 raid-related calls were recorded and in August 2017, 161 raid-related calls were recorded. Time out of town does not explain the reduction in hotline calls, as time out of town data for August 2016, 2017 and 2018 have been very similar. There is no immediate explanation for this trend.

Individuals spent on average 5.4% of time in town. Individuals therefore remain more problematic to manage than troops. In the Da Gama Troop, it is also the females that break the line first and are followed by the males. Infanticide by both adult males is the most likely explanation for this behaviour at this stage. The females might therefore attempt to avoid the males by spending time in town.

Dr Phil Richardson

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