



Photo: Tara Naeser

Human Wildlife Solutions

Monthly Report

September 2018

TABLE OF CONTENTS:

A. INTRODUCTION	3
B. BABOON MANAGEMENT AND RAID REPORTING	3
SOUTH EASTERN REGION – AREA MANAGER: ZIGGY RODE / CATH SHUTTE	3
1. SMITSWINKEL BAY TROOP	3
2. WATERFALL TROOP	4
3. DA GAMA TROOP	5
SOUTH EAST REGIONAL SUMMARY:	7
Births and Deaths	7
Recommendations.....	8
SOUTH WESTERN REGION – AREA MANAGER: CATH SHUTTE.....	8
1. GROOT OLIFANTSBOS TROOP (GOB)	8
2. THE SLANGKOP TROOP	9
SOUTH WEST REGIONAL SUMMARY:	12
Births and Deaths	12
Recommendations.....	12
NORTHERN REGION – AREA MANAGER: STEPHANUS FERREIRA	12
1. Tokai Troop	12
2. ZWAANSWYK TROOP	14
3. CONSTANTIA TROOP 1 (CT1)	14
4. CONSTANTIA TROOP 2 (CT2)	16
5. MOUNTAIN TROOP	16
NORTH REGIONAL SUMMARY:	16
Births and Deaths	16
Recommendations.....	17
C. GENERAL COMMENTS ON ALL BABOON TROOPS	18
1. Population Estimates	18
2. Hotline Data	19
3. Percentage Time Out of Town	20
D. CONCLUSION	21

A. INTRODUCTION

This monthly report covers the period from 1 to 30 September 2018. This is the first month that the report has covered the full calendar month and in future this format will continue to be followed. September is generally regarded as the start of spring when the winter rains complement the heat of summer and the fynbos comes alive. This month the baboon troops again spent 99.9% of their time out of town, suggesting there was sufficient food for them out of town.

Unfortunately, baboon individuals only spent 94% of their time out of town, indicating that certain individuals were returning to town on quite a regular basis. This was partly caused by fights between the two dominant males upsetting the rest of the Da Gama troop. However, the main reasons for individuals spending time in town would appear to be the continued poor waste management in many areas, and also the high availability of trees with ripening fruit in the south, particularly in Da Gama Park, Welcome Glen and Ocean View.

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 time out of the urban area.
- Individuals spent 99,2% of time out of the urban area.
- The troop utilised its southern sleep sites for the majority of the month (63%) and the northern sleep sites for the rest of the month.

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	TOTAL			
BABOON TROOP:	SMITS	1	In urban area	4	Attacking pets	7	Threatening behaviour/attack/stealing food																												
MONTH: SEPTEMBER	YEAR: 2018	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	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	TOTAL			
SWB6	M																															0			
SWB10	M																								2							1			
UnID Males	M																															0			
UnID Females	F																															0			
UnID Juveniles																																0			
UnID Individuals																														1	1				
Troop																																0			
	%	TIME SPENT IN TOWN (Minutes)																												HRS					
Troop	0.0																															0.00			
Individuals	0.8																								15				135			2.50			
Roost:	AM	2	4	1	1	4	2	1	7	4	2	1	1	1	1	1	7	7	1	3	5	4	3	3	5	5	5	4	5	5	3				
Roost:	PM	4	1	1	4	2	1	7	4	2	1	1	1	1	1	7	7	1	3	5	4	3	3	4	5	5	4	5	5	3	1				
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																																			

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

Incidents that affected management

Troop Movement:

- The troop spent the majority of the month in the southern section of its ranging area.
- The troop often spent the entire day, on the upper reaches of the Swartkop Mountain.

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 this month from 98,3% in August to 98,9% in September 2018.
- Raids on City of Cape Town land accounted for 24% of total raids. The remaining 76% of raids, took place on SA Navy properties.
- The Waterfall Troop predominantly slept at the SANAD Sleep Site this month (50%). The remainder was spent between the Waterfall Cliffs, Happy Valley, Red Hill and Quarry Sleep Sites.

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: SEPTEMBER	YEAR: 2018	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	TOTAL
CON4	M					1, 5																										2
WFS	M					5,2	1, 2	2,5					2,2											2,2	2							11
UnID Males	M					1, 2																										2
UnID Females	F																															0
UnID Juveniles																																0
UnID Individuals					5,2	1	1, 2,5,2	1	2,5,6,2	2,5	1			2,2,2	2,2					6	1	2,2,6		2,2,2			2,2,2,2,2				34	
Troop																																0
	%	TIME SPENT IN TOWN (Minutes)																														HRS
Troop	0.0																															0.00
Individuals	1.1				30	60	23			33											15	43			8						3.53	
Roost:	AM	10	10	10	6	2	2	1	15	1	1	10	10	6	10	6	10	10	10	1	1	1	15	1	1	10	10	10	10	10		
Roost:	PM	10	10	6	2	2	1	15	1	1	10	10	6	10	6	10	10	10	1	1	1	15	1	1	10	10	10	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	<i>Red, Bold and Italics</i> indicates raiding inside the South African Naval Ammunition Depot (SANAD) and Signal School. <i>Black, Italics</i> indicates raiding on farms.																															

Figure 2: The Waterfall Troop’s raid sheet for September 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 owned the South African Navy, continue to be a constant source of attractants for baboons.
- Bins were raided at Navy facilities on 28 occasions this month. This constitutes 76% of all raids on Navy land.

3. DA GAMA TROOP

In Town Statistics

- Time out of town for the troop was 99.1%.
- The troop spent only eight nights out of town, sleeping at the Maylands, Else River valley and Lewis Gay Dam sleep sites.
- Individuals’ time out of town went down to 83.9% for September 2018. Females continued to break the line and spend time in town, however the situation improved towards the end of the month.



Figure 3: The Da Gama Troops' movement for September 2018.

Incidents that affected management

- The troop continued to forage mostly around the Maylands Sleep Site area as well as around the dams.
- The troop has been drinking from a cement dam close to the Maylands Sleep Site that still contains water.



Figure 4: Baboons drinking and resting around the cement dam close to the Maylands sleep site

- On at least four occasions this month, DG18 continued to chase infants and juveniles, in attempts to commit infanticide.
- During one attempt, DG18 chased the infant of DGF1, DG14 intervened and the two males started fighting. Neither of the two males sustained any major injuries.

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	TOTAL
BABOON TROOP:		DA GAMA		1 In urban area			4 Attacking Pets			7 Threatening behaviour / attacking / stealing food																								
MONTH: SEPTEMBER		YEAR: 2018		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	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	TOTAL		
Troop			1			2												2	2		2	1		1		1							6	
DG14 (O-G)	M					2	1				1							2	2			2										6		
DG18	M	1			1	2	1		1					1	1		1	1					1									10		
TK43 (W-W)	M																																	
DGF1	F										1																					1		
DGF2	F										1																					1		
DGF4	F																																	
UnID Females	F	1	1	1	1	2	1		1		2						1	2	1			2	1			1						14		
UnID Female	F								1			1																				2		
UnID Individuals							1																									1		
UnID Juvs						2			1		1						1															5		
		TIME SPENT IN TOWN (Minutes)																																
Troop	%	0.9	50			20														10	5			5		75						2.75		
Individuals	%	15.6	25	295	95	318	80	420		155		50	50	21	23	10		30	510	305			18	333			285					50.38		
Roost:	AM	2	1,3	1,2	2	3	2	2	3	17	17	3,1	2	3	2	2	17	WR,1	1,3	1,3	21	17	3	14 th ,3	17	2,1	2,1	1	1					
Roost:	PM	1,3	1,2	2	3	2	2	3	17	17	3,1	2	3	2	2	17	WR,1	1,3	1,3	21	17	3	14 th ,3	17	2,1	2,1	1	2						
Roost Sites	1	Flats					Pines - Flats					3 Pines, DG					4 Pine - WG					5 Sports Field Stables												
	6	Compass Bakery					Pines - Outspan					8 Jack's Shop					9 Elsie's Peak					10 Rotary Camp												
	11	Witsand					Slangkop					13 Platkop					14 Rasta camp					15 Ocean View												
	16	KL Sleep Site					Maylands					18 Elsie's River Valley					19 Red Hill / Winford Farm					20 Grootkop												
	21	16th Avenue, DG					Lewis Gay Dam					23 Pine Haven					24 Kleinplaas Dam					25 Scarborough												
ID Features of Baboons																																		
General remarks																																		

Figure 5: The Da Gama Troop raid sheet for September 2018.

- Fruiting trees are currently a major attractant for the baboons in to the urban area.
- Many bins in Da Gama Park are broken or not correctly baboon-proofed. This also attracts the baboons to the urban area.

SOUTH EAST REGIONAL SUMMARY:

Births and Deaths

There were four deaths and one birth in the South East this month.

- **Smitswinkel:** On 5 September, an adult female was seen carrying a dead infant. The cause of death is unknown; however, infanticide is suspected.
- **Waterfall:** On 21 September, one new infant was seen in the Waterfall Troop and an adult female was seen carrying a dead infant. The cause of death is unknown, but infanticide is suspected.
- **Da Gama:** On 22 September, a male juvenile was euthanased for humane reasons due to injuries sustained from being hit by a car. On 24 September, another dead juvenile was seen being carried by its mother. 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 (90%) of September 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 (7%) and at Gate 1 (3%).
- 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 September.
- These Individuals spent 75,2% of their time out of the urban area this month.

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: SEPTEMBER	YEAR: 2018	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	TOTAL
Unld Males	M																															0
Females	F	1	1	1.5	1	1.2	1	1.2	1	1	1	1	1	1	1.5	1	1.6	1.5	1	1.6	1	1	1	1.5	1	1	1.6	1	1	1.6	33	
Unld Individuals																															0	
Juveniles																															0	
Troop																															0	
	%	TIME SPENT IN TOWN (Minutes)																												HRS		
Troop	0.0																														0.00	
Individuals	24.8	75	54	40	200	355	80	120	90	245	55	100	220	191	520	180	405	145	80	275	130	255	380	365	240					80.00		
Roost:	AM	2.1	2.1	5.1	2.1	5.1	5.1	2.1	2.1	4.1	5.1	2.1	2.1	5.1	2.1	5.1	2.1	2.1	2.1	2.1	4.1	9.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	
Roost:	PM	2.1	5.1	2.1	5.1	5.1	2.1	2.1	4.1	5.1	2.1	2.1	5.1	2.1	5.1	2.1	2.1	2.1	2.1	4.1	9.1	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		<i>Black, bold and italics text indicates raids at SANParks.</i>																														

Figure 6: GOB Troop raid sheet for September 2018.

Incidents that affected management

There were no incidents that affected management, to report this month.

2. THE SLANGKOP TROOP

In Town Statistics

- The troop spent 100% of time out of the urban area.
- Individuals spent 92,4% of time out of the urban area.
- The troop slept in the pine trees behind Ocean View for 53% and on the Compass Cliffs Sleep Site for 47% of the month.



Figure 7: The Slangkop Troop's movements for September 2018.

Incidents that affected management

Fruit Trees:

- Individual baboons continued to be attracted to the many fruit trees in Capri, De Oude Weg and Ocean View this month. Individual baboons entered Ocean View on 15 occasions this month to feed on fruit trees in Alcor Ave, Alpha Way and Comet and Callisto Roads.
- Fruiting trees attract baboons into the urban area, which in turn leads to an increase in human baboon conflict and the risk of human induced injury to baboons.

SECTOR		CLASSES OF BEHAVIOUR																																		
SOUTH WEST		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	TOTAL				
BABOON TROOP:	Slangkop	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																	
MONTH:	SEPTEMBER	YEAR:	2018																																	
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	TOTAL				
SK6 (Sub-adult)	M				2.1	1.1							1	1.1							2											8				
UnID Males	M			1	1	2.1	1			1.1			1	1		2		1	1			2		1						1	1	16				
UnID Females	F			1	1	2.1	1			1		1	1	1	2	2					2										12					
UnID Juveniles													1																		1					
UnID Individuals					1			1.2			2		2			6					1		1			1	1	1			11					
Troop																															0					
	%	TIME SPENT IN TOWN (Minutes)																												HRS						
Troop	0.0																														0.00					
Individuals	7.6			45	75	130	70	60		28	75	15	125	90	70	104		25	9	95		225	45	20	35	25		60	45	24.52						
Roost:	AM	3	3	2	2	2	2	2	3	2	3	3	2	2	2	3	3	2	2	3	3	3	3	3	2	3	2	2	3	2	2					
Roost:	PM	3	2	2	3	2	2	3	2	3	3	2	2	2	3	3	2	2	3	3	3	3	3	2	3	2	2	3	2	2	2					
Roost Sites		1	Slangkop				2	Ocean View				3	Compass Bakery				4	Witsand				5	Other													
ID Features of Baboons																																				
General remarks	<i>Red, bold and italics</i> text indicates raids at Rogers Farm and the City waste disposal site.																																			

Figure 8: The Slangkop Troop’s raid sheet for September 2018.

Kommetjie Vineyard Estate:

- The development of the Kommetjie Vineyard Estate is progressing. The section alongside Kommetjie Road has been cleared.
- The alien belt above this section will soon be cleared to allow for the back-perimeter fence preparations to begin.



Figure 9: The cleared low-lying section of Kommetjie Vineyard Estate, the alien belt above, will be cleared.

SOUTH WEST REGIONAL SUMMARY:**Births and Deaths**

There were two births and no deaths recorded in the South West this month.

- **Slangkop Troop:** No births were recorded this month.
- **GOB Troop:** On 9 September, two new infants were seen with the GOB Troop.

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** 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 99,5%.
- The troop slept mostly at the Tea Garden Sleep Site during September 2018 and once at the Silvermine Pines Sleep Site.

Incidents that affected management**Bluegum Lane**

- MT12 ran towards Bluegum Lane four times during the September. The fruit trees in Bluegum Lane are a huge attractant for the baboons.

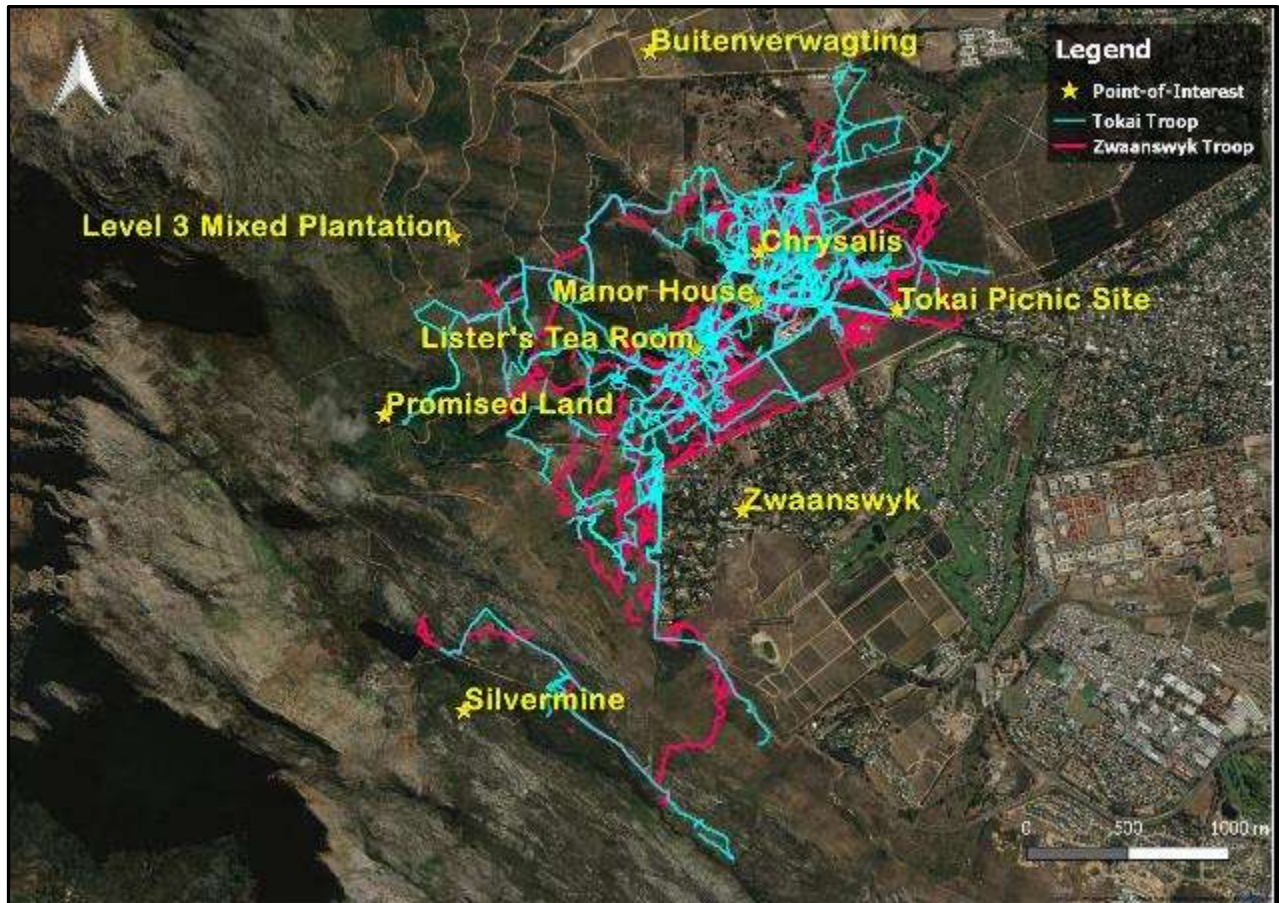


Figure 10: The Tokai and Zwaanswyk Troop's movements for September 2018.

MT12

- On 4 September, MT12 raided an unlocked truck below the Manor House.
- On 28 September MT12 raided an occupied picnic table at the SANParks' picnic site and stole food.
- On 29 September, while at picnic area at the Silvermine Dam, MT12 stole a braai grid filled with chicken.

Zwaanswyk residential area

- On 6 September, 15 baboons entered the Zwaanswyk residential area through a hole that was cut into the fence. The hole was repaired the same day.

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: SEPTEMBER	YEAR: 2018	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	TOTAL
MT 8 (G-W) VHF collar	M																															
MT12 (Blue)	M				5		1								1	1	1						1						7	7		8
MT13 (Y-W)	M														1																	1
Un ID male	M						1																									1
UnID Female	F						1																									1
UN ID juvenile							1																									1
Un ID individuals							1																									1
Troop																																
	%	TIME SPENT IN TOWN (Minutes)																												HRS		
Troop	0.0																															0.00
Individuals	0.5						80								15	5	1						1									1.70
Roost:	AM	8	5	5	1	4	1	2	5	10	1	2	1	1	1	3	3	6	4	5	5	1.3	2	2	1	2	4	1	1	2	11	
Roost:	PM	5	5	1	4	1	2	5	10	1	2	1	1	1	3	3	6	4	5	5	1.3	2	2	1	2	4	1	1	2	11	2	
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										
ID Features of Baboons	11	Silvermine Pines				12	Promised Land Gums L5				13	Lower Reservoir				14	Other				15											
General remarks	<i>Bold and italics text indicates non-urban raids.</i>																															

Figure 11: The Tokai Troop's raid sheet for September 2018.

2. ZWAANSWYK 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 Tea Garden during September 2018.

Incidents that affected management

- No incidents affecting management occurred during September for the Zwaanswyk Troop.

3. CONSTANTIA TROOP 1 (CT1)

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 99,7%.
- The troop mostly slept at the Buitenverwachting Gums Sleep Site during September 2018.

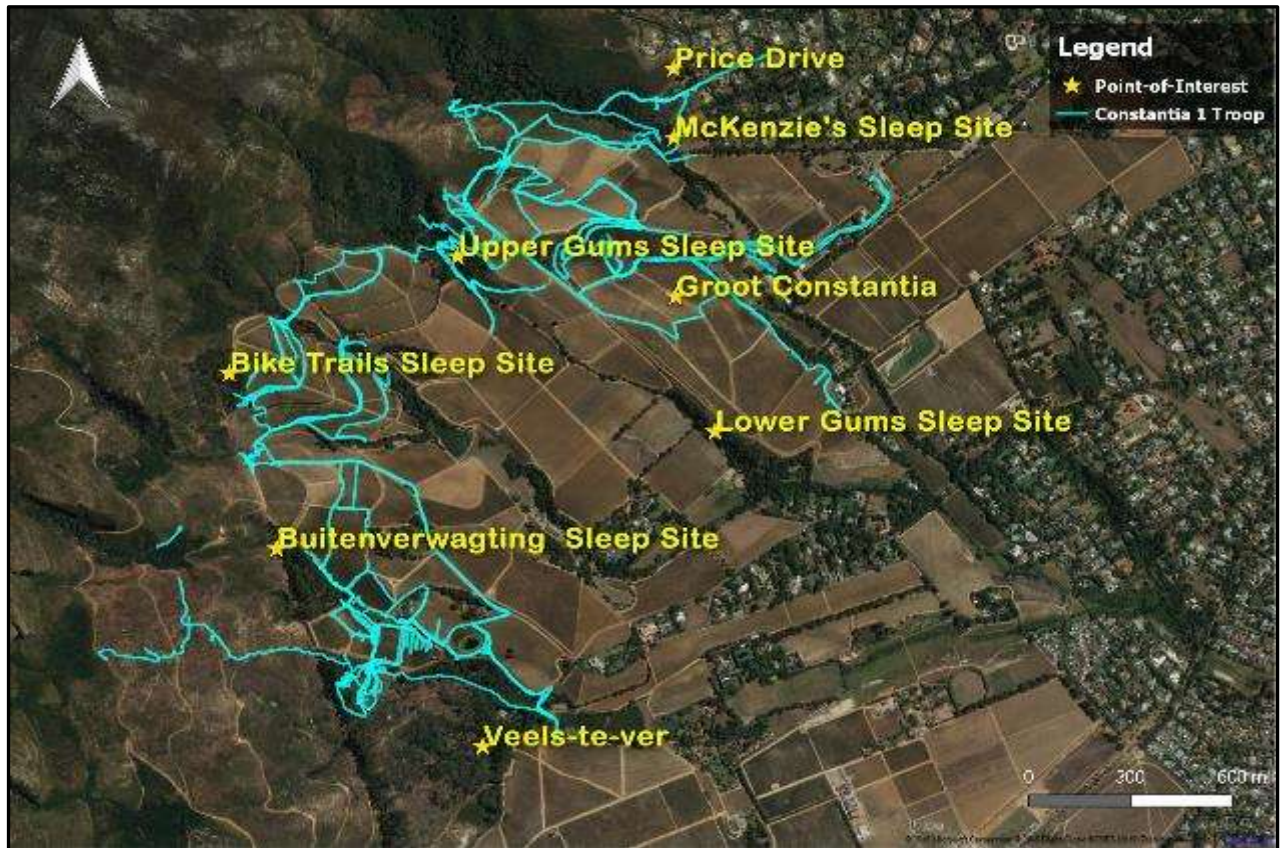


Figure 12: The CT1 Troop’s movement for September 2018.

Incidents that affected management

- Individuals from CT1 entered Price Drive twice during September and raided bins.

SECTOR		CLASSES OF BEHAVIOUR																															
NORTH		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	TOTAL	
BABOON TROOP:	CT1	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														
MONTH:	SEPTEMBER	YEAR:	2018																														
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	TOTAL	
CON F1 (W)	F																																
Unid AD MALE	M																																
Unid SA MALE	M																																
Un ID Female	F																	2										2				2	
Un ID Juvenile																		2											2			2	
Un ID Individuals																		2										2				2	
CT1 Troop																																	
	%	TIME SPENT IN TOWN (Minutes)																												HRS			
Troop	0.0																															0.00	
Individuals	0.3																20											30				0.83	
Roost:	AM	6	6	7	6	6	6	7	11	7	6	3	3	1	2	8	1	5	5	2	8	8	8	2	5	2	8	1	1	3	3		
Roost:	PM	6	7	6	6	6	7	11	7	6	3	3	1	2	8	1	5	5	2	8	8	8	2	5	2	8	1	1	3	3	2		
Roost Sites	1	Upper Gums				2	Lower Gums				3	Bike Trail Gums				4	Middle Plantation				5	Mckenzie's											
	6	Buitenverwagting 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	<i>Bold and italics text indicates non-urban raids.</i>																																

Figure 13: The CT1 Troop’s raid sheet for September 2018.

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 September 2018.

Incidents that affected management

- The CT2 Troop still does not have any adult males in the troop. The troop has however slept and moved with both the CT1 and Mountain Troops during September on a more frequent basis. CT1, CT2 and the Mountain Troop slept together three times during September 2018.

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 September 2018.

Incidents that affected management

There were no incidents reported, that affected management this month.

NORTH REGIONAL SUMMARY:

Births and Deaths

There were 8 births and no deaths recorded in the North this month.

- **Tokai Troop:** Three births were reported. One on 2 September, and the other two on 4 and 23 September.
- **Zwaanswyk Troop:** On 18 September a new born was reported.
- **CT1 Troop:** Three births were reported. One on 14 September, and the other two on 16 and 20 September.
- **CT2 Troop:** No births or deaths were reported this month.
- **Mountain Troop:** One 14 September a new born was reported.

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 their vehicles**.
- Dustbins at **SANParks' 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. Baboons regularly enter the picnic site to raid bins and picnickers.
- **Regular maintenance and upgrades to electrified perimeter fences on wine estates** will help to reduce baboon incursions onto the wine farms. **Regular trimming and removal of overhanging trees** and closing of excavations under fences would also help to 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 transformer box** is urgently required to prevent baboons from getting **electrocuted**.

C. GENERAL COMMENTS ON ALL BABOON TROOPS

1. POPULATION ESTIMATES

During September 2018, there were 11 births and 4 deaths in the managed population. It is interesting to note this month that the northern population had eight births and no deaths, while the southern sub-population had three births and four deaths, most of which were presumed to be cases of infanticide. Thus, the general trend for the past few years, or the northern troops experiencing more births than those in the south continued this month despite the disruptions of the past few months.

TROOP	END JUNE TOTALS						SEPTEMBER 2018			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	0	2		1	5	
Smitswinkel	21	22	24	29	33	35	0	1		0	1	-1
Waterfall	28	29	31	33	37	40	1	1		1	2	+1
GOB	20	19	16	17	23	29	2	0		2	0	
Misty Cliffs	17	16	9	11			0	0		0	0	
Slangkop	37	40	35	41	40	44	0	0		0	2	
SUB TOTAL	165	169	161	183	185	203	3	4		4	10	
Zwaanswyk	28	28	30	28	30	20	1	0		2	1	-4
Tokai	64	70	62	65	69	75	3	0		5	1	+4
Mountain	41	47	49	47	57	60	1	0		1	2	-1
CT1	70	69	77	81	63	46	3	0		3	0	+1
CT2					22	10	0	0		1	0	
SUB TOTAL	203	214	218	221	241	211	8	0		12	4	
TOTAL	368	383	379	404	426	414	11	4		16	14	

Table 1: Population estimates for the eleven managed troops on the Cape Peninsula (September 2018).

It should be noted that from this month onwards, the estimated running total for the population is no longer included in Table 1. This is because the running total was just an estimate based on births and deaths reported by baboon rangers. Undoubtedly, some births and deaths will not be observed and therefore it has been decided only to report the total population after the annual population count, which is conducted over May and June of each year.

Deaths	January to December Totals							September 2018	TOTAL 2018 1 July to 31 August	TOTAL (since 2012)
	2012*	2013	2014	2015	2016	2017	2018 <small>23 Dec 2017 to 30 June 2018</small>			
Management	17	16	8	7	7	12	2	0	0	69
Human Induced (HID)	8	7	10	11	7	6	5	1	5	59
Direct **	8	6	6	8	4	3	5	1	2	42
Indirect ***	0	1	4	3	3	3	0	0	3	17
Natural	7	30	19	33	16	28	11	0	4	148
PLOHP****								0	0	7
Unknown	1	3	0	4	7	13	10	3	5	43
TOTAL	33	56	37	55	37	59	28	4	14	326

Table 2: 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.

2. HOTLINE DATA

During September 2018, there was a total of 74 hotline calls, 52 of which were raid-related calls received from managed areas. This is slightly up from last month, but still only one area had more than 10 calls (Capri 11 calls), and it still good for the first month of spring. The increased availability of fruit on trees in gardens was an added incentive to baboons to raid the urban areas this month.

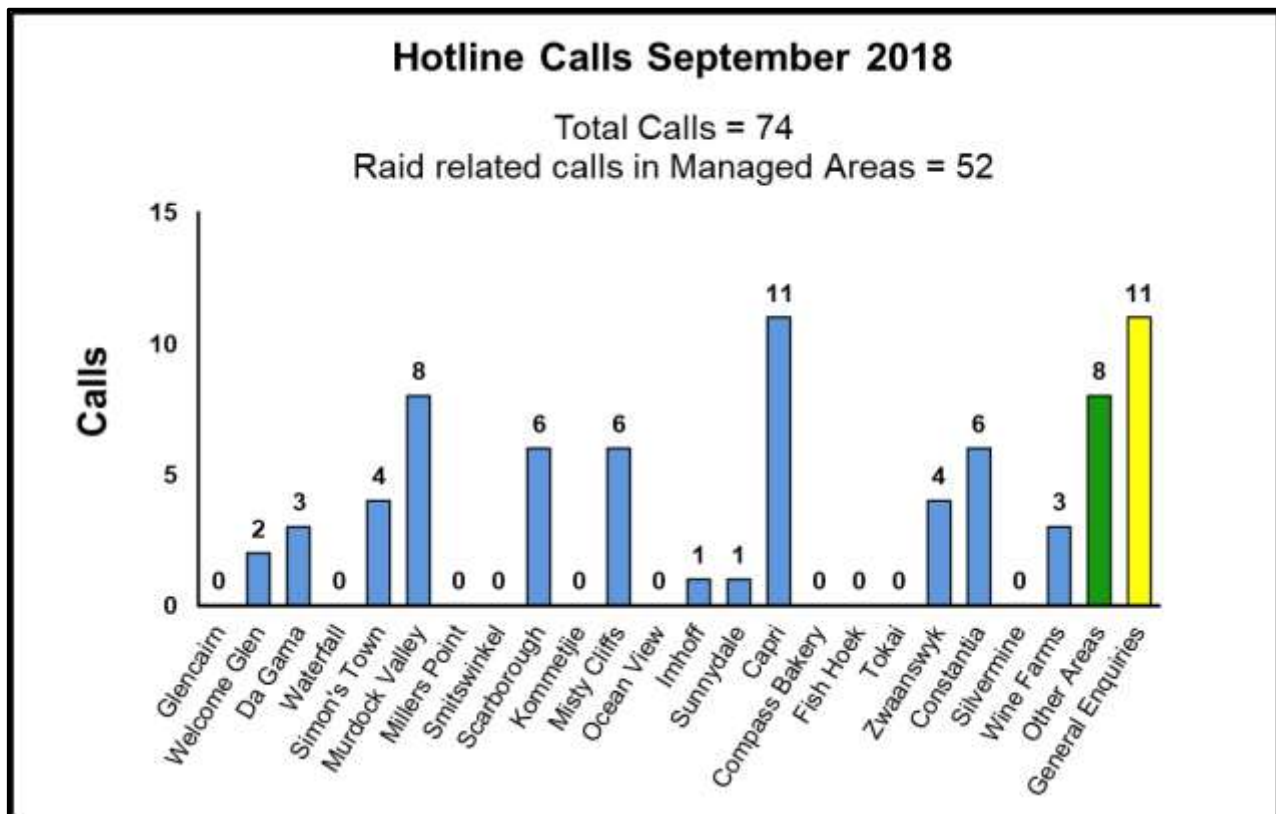


Figure 14: Hotline calls summary per urban area for September 2018. Raid related hotline calls are calls reporting managed baboons in urban areas. Managed Areas are those areas in which managed baboon troops raid. Other Areas represent those areas, beyond the urban edge or the range of managed baboons.

It is very pleasing to note in Figure 15, that there were no hotline calls reporting occupied house raids this month. This is the first time since HWS began baboon management in August 2012, that there have been no occupied house raids reported in a month. It is also pleasing to note that 85% of calls in managed areas were only reporting baboons in the urban, with the other 15% only being bin raids.

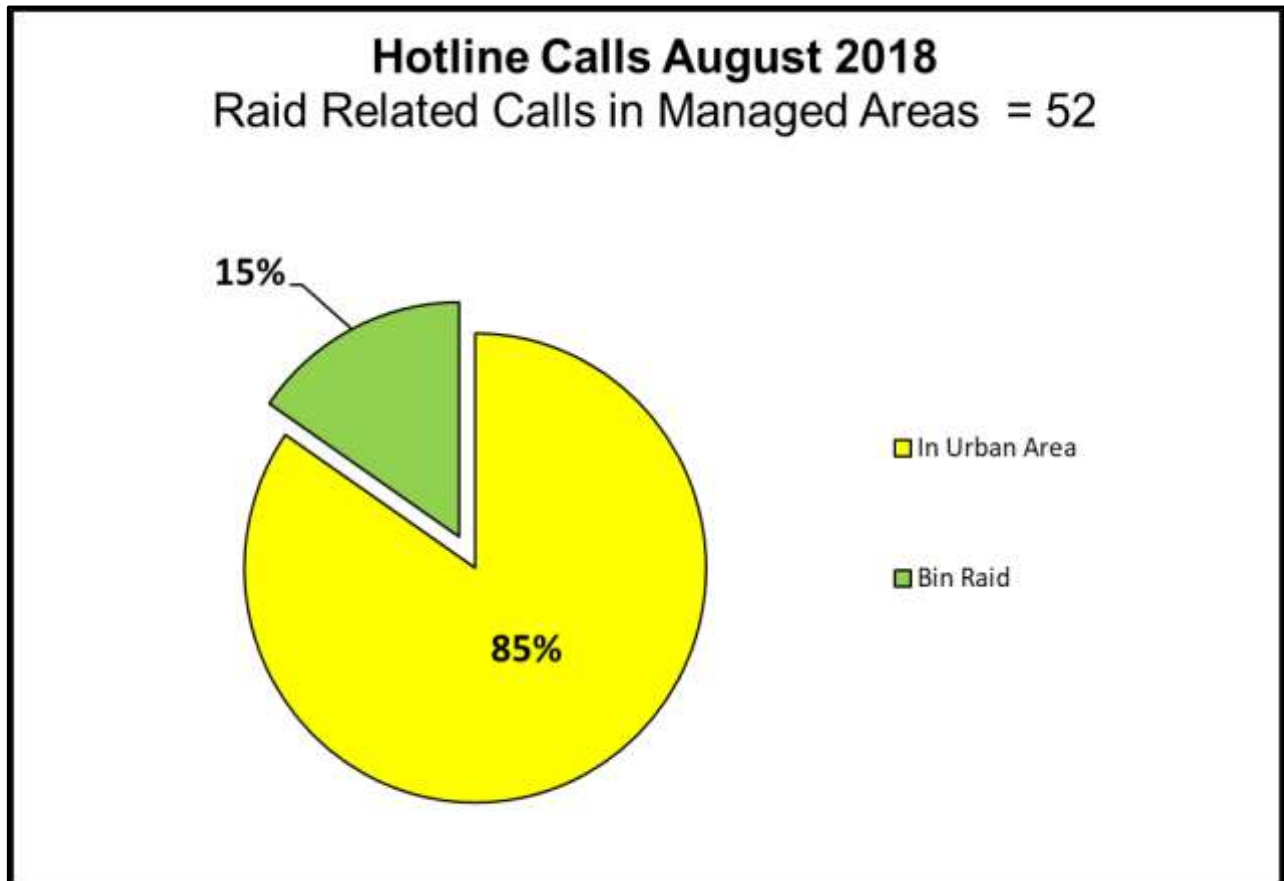


Figure 15: Composition of raid-related hotline calls during September 2018.

3. PERCENTAGE TIME OUT OF TOWN

This month the percentage of time that the troops spent out of town this month was again a very credible 99.9% for troops, and 94% for individuals. The only troop that spent time in town, was the Da Gama Troop which spent 0.9% of their time in town. This can probably be attributed to three main factors:

- (a) Disruption in the troop caused by the two adult males which were still trying to kill some of the infants and juveniles. Sometimes the females sought refuge in town to get away from the males.
- (b) High availability of fruiting trees in Da Gama Park and Welcome Glen.
- (c) On-going poor waste management in Da Gama Park which provided continuous incentives for baboons to raid town. Mostly individuals raided town, but occasionally the troop also followed.

Although the troop was not on city land, it is pertinent to note the extent to which the CT1 Troop was on farmland. This troop spent a large percentage of its time on Groot Constantia, Klein Constantia and Buitenverwachting. Often, they were also together with the CT2 Troop and or, the Mountain Troop and occasionally these troops slept together as well. The time spent on the farms, now out of fruiting season, would explain why these troops have grown so rapidly over the past few years.

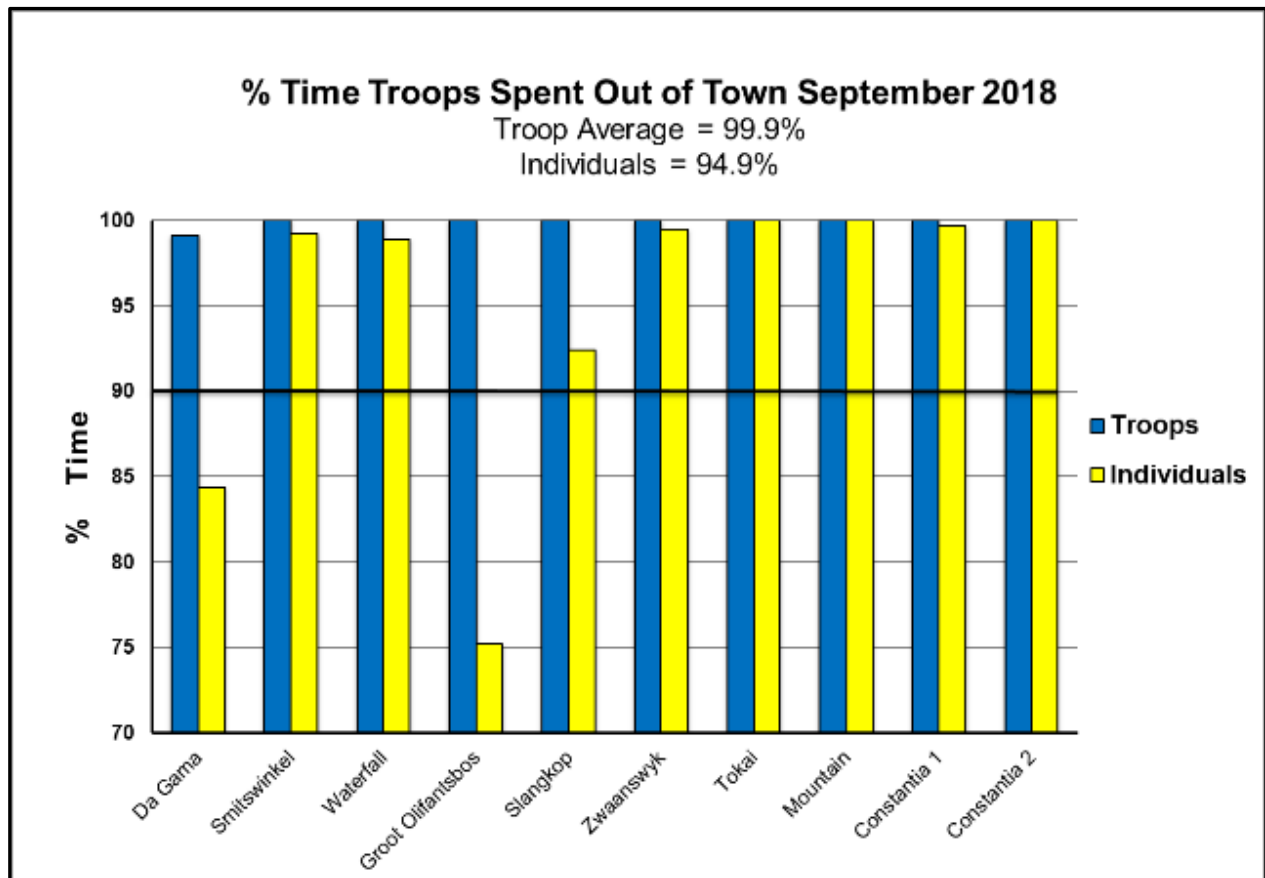


Figure 16: Percentage time troops spent out of town. The solid line indicates the City of Cape Town’s 2014 and current contract requirement.

D. CONCLUSION

The onset of spring this year has again been good for the baboons. The time out of town for troops was 99.9%, and there were only 52 raid related hotline calls, none of which were reporting house raids. Spring is typically quite a good time for the baboons because if there have been reasonable rains, the heat of the onset of summer combines with the moisture in the soil and the fynbos flourishes. Thus the baboons should have a good supply of food out of town and less incentive to raid the urban areas.

Unfortunately, there are always incentives to raid town, because in many areas waste management is poor. This was most evident in Da Gama Park and Simon’s Town, and particularly around the Naval barracks and other Naval facilities. In addition, now with the advent of spring, there were many fruiting trees which had

become added attractants to baboons. This was most noticeable in Da Gama Park, Welcome Glen and Ocean View, where baboons were increasingly raiding deeper and deeper into the suburb. It was mostly individuals which were committing these raids, but unfortunately these raids invariably start training the next generation to raid as well.

Dr Phil Richardson

HUMAN WILDLIFE SOLUTIONS (PTY) LTD