



Photo: Tara Naeser

Human Wildlife Solutions

Monthly Report

December 2018

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A. INTRODUCTION

This monthly report covers the period from 1 to 31 December 2018. Over the past five years, November and December have generally been the two best months for baboon troop management. This is because it is warm, there is natural food available in the fynbos, and the heat and drought of summer have not taken hold yet. Since 2013, troops have spent over 99% of their time out of town during December.

For December 2018, HWS is proud to announce a new record achievement. For the first time all managed baboon troops were out of town for 100% of the time out of town. For the past six months this average has been 99.9%, but this month we managed 100%. This is not so say that there were no individuals in town. Here the average time out of town was 95.6%, but this was mainly as a result of just three or four baboons raiding town.

B. BABOON MANAGEMENT AND RAID REPORTING

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

1. SMITSWINKEL BAY TROOP

In Town Statistics

- The Smitswinkel Bay Troop spent 100% of time out of the urban area.
- Time out of town for individuals increased this month, from 96,5% in November to 98,3% for December 2018.
- The troop, once again, utilised its northern sleep sites for the majority of the month (61%) and southern sleep sites for 39% of the month.

Incidents that affected management

The Black Marlin Restaurant:

- Waste management at the Black Marlin Restaurant has, once again, been problematic this month.
- Bin hooks were put up for the kitchen bins in an effort to secure them to the wall. However, the bins were still being overfilled rendering the baboon-proof mechanism useless.
- These bins were raided on numerous occasions.
- A baboon-proof security gate was fitted to the outside kitchen door. However, staff still leave the gate open, allowing the baboons to gain access to the kitchen.

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: DECEMBER	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	31	TOTAL																							
SWB6	M																5															1																								
SWB10	M											2		2	2			2	5				5					5,5,6		1	1		11																							
PR3	M													2	2		2		1				2							2	2	7																								
UnId Males	M							2,2				5	1																			4																								
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	1.7							18	6		30	10		6	13		24	5	35									120		23	13	21	5.40																							
Roost:	AM	5	3	2	1	1	1	6	5	1	6	5	4	4	5	3	5	5	5	5	4	4	5	1	1	7	2	1	4	1	4	4																								
Roost:	PM	6	2	1	1	1	6	5	1	6	4	4	4	4	6	5	5	5	5	4	4	5	1	1	7	1	1	7	1	4	4	4																								
Roost Sites		1	Smits Caves										2	Partridge Point										3	Bluegums										4	Millers Point										5	Rocklands Farm									
		6	Castle Rock										7	SANParks										8	Other/Unknown										9											10										
ID Features of Baboons																																																								
General remarks																																																								

Figure 1: The Smitswinkel Bay Troop raid sheet for December 2018.

Millers Point Picnic Site:

- Waste management at the Millers Point picnic site is problematic.
- Bins are often filled to overcapacity, rendering the baboon-proof locking mechanism useless.
- Hooks were put up on poles to secure the bins. However, the hooks have been stolen so most of the bins are not placed on hooks so baboons can easily tip the bins and gain access to the contents.
- The picnic site was extremely busy over the festive season.
- Visitors braaied and picnicked leaving food items open and accessible to baboons.
- The troop, which previously utilised this area for coastal foraging, had to be moved around this area in an effort to prevent them from raiding for human derived foods.

PR3 (an adult male from the Plateau Road Troop):

- PR3, an adult male natal to the Plateau Road Troop, has settled into the Smitswinkel Bay Troop this month.
- However, the troop dynamics are still unsettled.
- SWB10 often moved away from the troop making management of the troop difficult this month.

Smitswinkel Bay:

- There was an increase in baboon presence at Smitswinkel Bay over the festive season.
- The area was very busy with an increase in visitors and holiday-goers, bringing an associated increase in waste.
- Poor waste management and visitor ignorance of baboon presence in the area, led to an increase of human derived foods available to baboons.

28 December 2018, Smitswinkel Bay:

- The Smitswinkel Bay Troop moved up the mountain, from the coastline, through the Smitswinkel Bay houses during the afternoon.
- HWS rangers reported that an elderly gentleman began to follow the rangers and the baboons, shouting at them as they moved the baboons away from the houses.
- The elderly gentleman was carrying a hand gun and a spear gun and threatened one of the rangers with the hand gun and then fired four shots into the bushes in the direction of the baboons before returning to this house. A case was opened at the Simon's Town Police Station.

Births and Deaths

- No births were reported in Smitswinkel Bay Troop this month. An adult female was seen carrying a dead infant on 2 December. The cause of death was infanticide, committed by PR3 (adult male).

2. WATERFALL TROOP**In Town Statistics**

- The Waterfall Troop spent 100% of its time out of the urban area this month.
- Individual time out of the urban area increased this month from 99,8% in November to 99.9% in December 2018.
- Raids on City of Cape Town land accounted for only 2% of total raids. The remaining 98% of raids, took place on SA Navy properties. This is the highest percentage of raids on Navy land recorded to date.
- It is pertinent to note that time spent on SA Navy land is not included in 'time in town' as it falls outside the urban area.
- The Waterfall Troop predominantly slept at the South African Naval Depot (SANAD) Sleep Site this month (94%). The remainder was spent between the Happy Valley Cliffs and Red Hill Sleep Sites.

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 continued to be a constant source of attractants for baboons.
- The lack of baboon-proofing of waste (bins) is a severe problem at all naval facilities.
- There was an increase in bin raids this month, from 34 bin raids in November, to 90 bin raids this month. This constitutes towards 85% of total Navy raids.
- Occupied room raids occurred on 6 occasions, constituting towards 15% of total Navy raids.

SECTOR		CLASSES OF BEHAVIOUR																																																																																												
SOUTH EAST		1	In urban area																														4	Attacking Pets																														7	Threatening behaviour/attack/stealing food																													
BABOON TROOP:		WATERFALL																														5	Raid unoccupied house or vehicle																														8	Breaking & Entering/Damaging property																														
MONTH: DECEMBER		YEAR: 2018																														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				2,2	5		2,2	2,2	2,2,2						2,2	2,2,2	2,2		2,2			2,2,2	2,2		27																																																													
WF5	M		2,2			2,2		2,2,2	2			2,2				2,2							2,2	2,2,2	2,2				2	2,2,2	5		24																																																													
UnID Males	M	2,2									5																						3																																																													
UnID Females	F	2,2										2,2	5			2,2		2,2,2							2,2					2,2,2	2,2		17																																																													
UnID Juveniles																																	0																																																													
Unid Individuals						2,2	2,2	2,2,2				2,2	5					2,2	2,2,5,2				2,2	2,2,2	2,2		2,2	2,2					27																																																													
Troop																																	0																																																													
	%	TIME SPENT IN TOWN (Minutes)																														HRS																																																														
Troop	0.0																															0.00																																																														
Individuals	0.1						18																									0.30																																																														
Roost:	AM	10	10	10	10	10	10	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	10	10	10																																																															
Roost:	PM	10	10	10	10	10	2	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	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		Red, Bold and Italics indicates raiding inside the South African Naval Ammunition Depot (SANAD) and Signal School. Black, Italics indicates raiding on farms.																																																																																												

Figure 2: The Waterfall Troop raid sheet for December 2018.

Births and Deaths

- No births or deaths were recorded in Waterfall Troop this month.

3. DA GAMA TROOP

In Town Statistics

- Time out of town for the troop was 100%.
- Individuals spent 93,4% of time out of the urban area.
- While outside of town, the troop slept on the cliffs at Maylands (three nights) and at Grootkop (17 nights) and in the valley above Da Gama Park (three nights).

Incidents that affected management

Troop Movement:

- The troop concentrated its movements to the plateau between Grootkop, Maylands and Kleinplaas Dam.



Figure 3: The Da Gama Troop's movement during December 2018.

DG14 and DG18

- DG14 and DG18 fought on a number of occasions this month.
- This resulted in DG18 moving behind the troop with three adult females.
- On two occasions DG18 and the three females roosted on the flats when the troop roosted in the valley above Da Gama Park.
- On 23 December, DG14 and DG18 fought near Grootkop. DG18 sustained a cut to his left leg and was noted to be limping. His condition was monitored over the following days. DG18 made a full recovery.

HWS: TROOP MONTHLY REPORT																																		
SECTOR		CLASSES OF BEHAVIOUR																																
SOUTH EAST		1	In urban area										4	Attacking Pets										7	Threatening behaviour / attacking / stealing food									
BABOON TROOP:	DA GAMA	2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property									
MONTH: DECEMBER	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	31	TOTAL	
Troop																																	0	
DG14 (O-G)	M																																0	
DG18	M																								1				1	1		1	4	
DGF1	F																																0	
DGF2	F																																0	
DGF4	F																																0	
UnID Females	F							1													1				1				1.1	1		1	7	
UnID Individuals																																	0	
UnID Juvs																																	0	
	%	TIME SPENT IN TOWN (Minutes)																														HRS		
Troop	0.0																															0.00		
Individuals	6.6							285													459				50				300	190			21.40	
Roost:	AM	17	20	20.1	1	20	20	20	1.2	20	20	20	20	20	20	20	20	20	1.2	1.2	21.1	21.1	20	17	1.2	1.2	1.2	17	21.1	21	21.3			
Roost:	PM	20	20	1	20	20	20	1.2	20	20	20	20	20	20	20	20	20	20	1.2	1.2	17	21.1	20	20	2	1.2	1.2	17	17.1	21	21.1	1		
Roost Sites		1	Flats					2	Pines - Flats					3	Pines, DG					4	Pine - WG					5	Sports Field Stables							
		6	Compass Bakery					7	Pines - Outspan					8	Jack's Shop					9	Elsies 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 / Winford Farm					20	Grootkop							
		21	16th Avenue, DG					22	Lewis Gay Dam					23	Pine Haven					24	Kleinplaas Dam					25	Scarborough							
ID Features of Baboons																																		
General remarks																																		

Figure 4: The Da Gama Troop raid sheet for December 2018.

Births and Deaths

- On 27 December, a new born was seen in the Da Gama Troop.
- No deaths occurred in the Da Gama Troop during December.

SOUTH EAST REGIONAL SUMMARY:

Births and Deaths

There was one birth and one death in the South Eastern sub-population this month. One birth was recorded in the Da Gama Troop and an infanticide occurred in the Smitswinkel Bay Troop.

Recommendations

- The Navy does not assign personnel to pull out the **baboon-proof bins from the bin-bays**. Waste collection trucks do not take the **bins out of the bin bay**. This impasse needs to be addressed by the City Waste teams and the SA Navy management, because it is impacting the baboon management and creating health issues.
- Baboon-proof bins** are needed at the **West Yard** at 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.

- 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 there to prevent raids.
- Law enforcement is urgently needed in the South East to prevent the illegal use of paintball markers and pellet guns by residents, who use these to deter baboons.
- **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 human 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 baboon-affected areas** to avoid becoming an attractant to baboons.

SOUTH WESTERN REGION – AREA MANAGER: CATH SHUTTE

1. GROOT OLIFANTSBOS TROOP (GOB)

In Town Statistics

- For the third consecutive month, the GOB Troop spent the entire month within the Cape of Good Hope (CoGH) section of the Table Mountain National Park (TMNP).
- The three GOB females (also referred to as the GOB individuals) and their three juveniles, roosted at the Misty Cliffs Sleep Site for the entire month of December.
- Time out of the urban area increased this month for these individuals from 77% in November to 79% in December 2018.

Incidents that affected management

The Hub Restaurant, Scarborough:

- Waste management at the Hub Restaurant in Scarborough was problematic this month.
- A baboon-proof cage has been constructed over the bins to reduce access to the waste area. However, when the HWS Community Conservation Officer visited the Hub Restaurant on 19 December, the door to the waste area was open.
- Bags of food waste were also placed on top of the bin lids and the buckets used for pig food were also open with no lids.



Figure 7: The waste area at the Hub restaurant.

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: GOB	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	31	TOTAL																							
Unld Males	M																																0																							
Females	F	1.5	1	1.2	1.5	2	1	1.6	1	1	2.2		1.5	1.2	1	1		1.2	1,2,5	1	1	1.2	1	1	1.5	1	1	1	1	1	1	1	41																							
Unld Individuals																																	0																							
Juveniles																																	0																							
Troop																																	0																							
	%	TIME SPENT IN TOWN (Minutes)																														HRS																								
Troop	0.0																															0.00																								
Individuals	21.0	75	43	70	480	60	165	435	240	125	125		105	130	330	145		75	90	45	65	90	30	140	70	54	120	55	300	100	260	30	67.53																							
Roost:	AM	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1																								
Roost:	PM	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	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 December 2018.

Births and Deaths

There were no births or deaths recorded in the GOB Troop this month.

2. THE SLANGKOP TROOP

In Town Statistics

- The troop spent 100% of time out of the urban area.
- Time out of the urban area, for individuals, increased from 88,4% in November to 94,2% in December 2018.
- The troop slept in the pine trees behind Ocean View for 58% of the month the Compass Cliffs Sleep Site for 42% of the month.

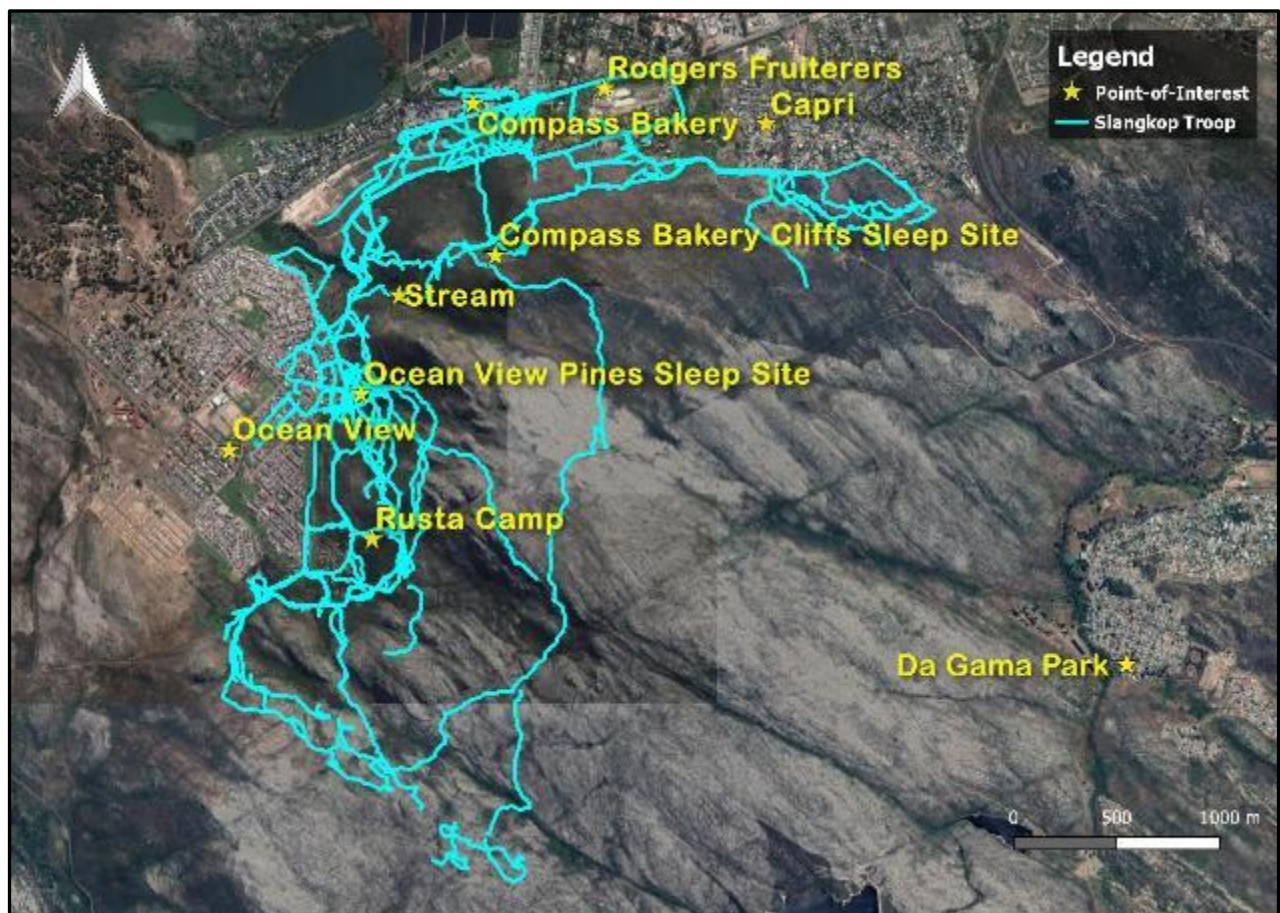


Figure 7: The Slangkop Troop's movement for December 2018.

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: DECEMBER	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	31	TOTAL			
SK6	M		1	1	2	1	1																1		2.1						2		9			
UnID Males	M				1		1					1	2.2	2			1				1			1		2		1	2	1	1.1	2	1	17		
UnID Females	F			1	2		1		1	5				2			1				1			1					2			1	11			
UnID Juveniles																																	0			
UnID Individuals			2						1		2,2,2							2,2,2,2	2,2,2												1		14			
Troop																																	0			
	%	TIME SPENT IN TOWN (Minutes)																																HRS		
Troop	0.0																																0.00			
Individuals	5.8		62	10	98	15	10	30	20	140		25	35	20			30	15	80	30			60		50	85	45	20	15	105	100	20	18.67			
Roost:	AM	3	3	3	3	3	2	2	2	3	3	2	3	2	3	2	2	3	3	2	2	2	2	2	2	3	2	2	2	2	2	3				
Roost:	PM	3	3	3	3	2	2	2	3	3	2	3	3	2	2	2	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	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 8: The Slangkop Troop's raid sheet for December 2018.

Incidents that affected management**Fires:**

- There were numerous small fires that burnt in the vegetation surrounding Ocean View.
- Most of these fires were extinguished quickly by the fire department.
- At no time, during any of the fires, was the troops' safety compromised.
- HWS rangers were alerted to the fires immediately and ensured that the baboons were kept in a safe environment.

Fruit Trees:

- Individual baboons continued to be attracted to the many fruit trees in Capri, De Oude Weg and Capri this month.
- Fruiting trees attract baboons into the urban area, which in turn leads to an increase in human baboon conflict and risk of human induced injury.

Heron Park:

- Individual baboons managed to access the bins at In2Foods on six occasions and at Diva Foods on three occasions.

Births and Deaths

- On 22 December, two new infants were seen in the Slangkop Troop.

SOUTH WEST REGIONAL SUMMARY:

Births and Deaths

There were two births in the South West this month. On 22 December two new infants were reported 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 keep their bin area closed at all times 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 73.55%.
- The troop slept mostly at the Tea Garden Sleep Site during December and it slept at the Silvermine Pines Sleep Site on three occasions.

Incidents that affected management

Blind Female

- In the late afternoon on 9 December, a blind female was noted in the Tokai Troop. The female was captured on 10 December and was monitored at the Westlake holding facility.
- On 14 December, a veterinarian examined the baboon and determined that both its eyelids had calcified which resulted in the blindness. The veterinarian concluded that it would not recover and the female was then euthanised for humane reasons.

Porter Estate

- On 10 December, TKF7 raided an occupied house on Porter Estate and took a loaf of bread.

Silvermine Dam

- The Tokai Troop moved up towards Silvermine Dam three times during December. However, no raids were recorded.

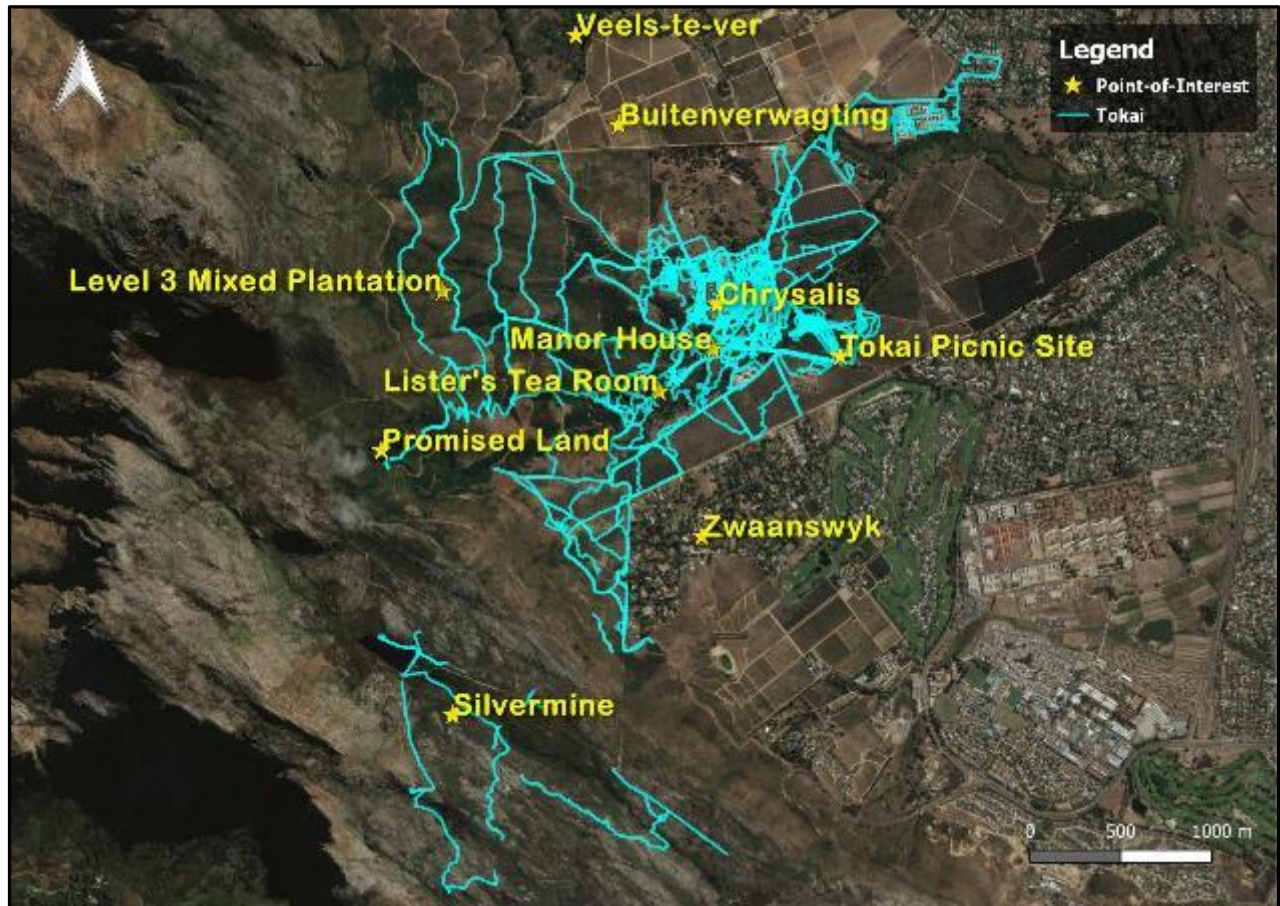


Figure 9: The Tokai & Zwaanswyk Troop's movements during December 2018.

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: DECEMBER		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	31	TOTAL			
MT 8 (G-W) VHF collar		M																																			
MT12 (Blue)		M										2,2,2	2					2					1			7	2,6						2	10			
MT13 (Y-W)		M																2																1			
TKF7		F										7																									
Un ID male		M																																			
UnID Female		F													7																			2			
UnID juvenile																																					
Un ID individuals																		2																1			
Troop																																					
	%	TIME SPENT IN TOWN (Minutes)																															HRS				
Troop		0,0																															0,00				
Individuals		8,1										70	120					360					360			467	60					120	25,95				
Roost:		AM	2	2	7	1,3	1	1	1	1	1	4	1	1	5	14	5	8	4	1	2	2	1	8	3	4	11	2	11	1	11	1	14				
Roost:		PM	2	7	1,3	1	1	1	1	1	4	1	1	5	1	4	8	4	1	2	2	1	8	3	4	11	2	11	1	11	1	1	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				
			11		Silvermine Pines					12		Promised Land Gums L5					13		Lower Reservoir					14		Other					15						
ID Features of Baboons																																					
General remarks			Bold and italics text indicates non-urban raids.																																		

Figure 10: The Tokai Troop's raid sheet for December 2018.

MT12

- During December, MT12 became more challenging to manage and spent an increased amount of time away from the troop, inside town and started displaying signs of early dispersal. On one day, he spent a total of 467 minutes in town.
- MT12 often raided bins at the Cape Academy, Constantia and in Tokai and spent time eating fruit from trees at Bloekom Lane and along Orpen Road between 10 and 25 December.
- On one occasion, MT12 moved as far down as the Tokai Library before HWS was able to move him out of town. A report was also received that MT12 took a bag from a woman inside a property in Nova Constantia on 24 December.
- TK53 from the Zwaanswyk Troop chased MT12 when around Porter Estate but from 26 to 30 December MT12 began moving and sleeping with the Mountain Troop and did not enter town on these days.
- On 31 December, MT12 raided a bin in Constantia at 17h00 and spent 120 minutes in town before moving back towards the Mountain Troop at the end of the day.



Figure 11: Trees on Orpen Road that attracted MT12 to Orpen Road.

Births and Deaths

- On 10 December, a new-born was seen in the Tokai Troop.

2. ZWAANSWYK TROOP

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 99,50%
- The troop mostly slept at the Tea Garden Sleep Site during December and twice at the Silvermine Pines.

Incidents that affected management

Silvermine Dam

- The troop moved up to Silvermine Dam on two occasions during December but no raids were recorded while the baboons were at the Dam.

Chrysalis Academy and Porter Estate

- On 4 December, TK53 raided a bin at Chrysalis academy.

HWS: TROOP MONTHLY REPORT																																		
SECTOR		CLASSES OF BEHAVIOUR																																
NORTH		1	In urban area										4	Attacking pets										7	Threatening behaviour/attack/stealing food									
BABOON TROOP:	ZWAANSWYK	2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property									
MONTH: DECEMBER	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	31	TOTAL	
TK53 (Orange-Y)	M				2																			6						7.7			4	
Un ID Male	M																																	
Un ID Females	F																							6						7.7			3	
Juveniles																																		
Troop																																		
	%	TIME SPENT IN TOWN (Minutes)																														HRS		
Troop	0.0																																0.00	
Individuals	0.2																							30									0.50	
Roost:	AM	2	2	8	1	1	1	1	1	1	6	1	1	4	3	5	4	6	3	2	2	2	4	3	2	2	1	11	1	11	4	3		
Roost:	PM	2	8	1	1	1	1	1	1	6	1	1	4	3	5	4	6	3	2	2	2	4	3	2	2	1	11	1	11	4	3	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 and italics text indicates non-urban raids.																																

Figure 12: The Zwaanswyk Troop's raid sheet for December 2018.

The Range

- On 13 December, TK53 and an unidentified female jumped into Silver Steen Estate using trees growing on the outside of the fence. TK53 and the unidentified female raided a kitchen at one of the houses inside Silver Steen Estate.

SANParks Picnic Site, Tokai

- During December, when the troop slept at the SANParks' Tokai Picnic Site Sleep Sites, the rangers would find that the baboons had raided the bins inside the picnic site during the night.



Figure 13: TK53 raiding a bin in the Tokai picnic site after HWS rangers had gone home.

Births and Deaths

- No births or deaths were recorded in the Zwaanswyk Troop during December 2018.

3. CONSTANTIA TROOP 1 (CT1)

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 97.17%.
- The troop mostly slept at the Buitenverwachting gums and the Bike Trails sleep sites during December 2018.

Incidents that affected management

CT1 individuals entering the urban area

- On 20 December, a few untagged individuals entered Ou Wingered Road. They were pushed out of town after 20 minutes and no raids were recorded.
- On 25 December, a few individuals entered Price Drive, but no raids were reported.
- On 26 December, a few individuals entered Constantia below the Little stream restaurant. They spent 120 minutes in town, but no raids were reported during this time.

Births and Deaths

- No births or deaths were reported in the CT1 Troop this month.



Figure 14: The Constantia 1 Troop's movement for December 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:		CT1		2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property																													
MONTH: DECEMBER		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	31	TOTAL																							
CON F1 (W)	F																																																							
Unid AD MALE	M																										1						1																							
Unid SA MALE	M																										1						1																							
Un ID Female	F																																																							
Un ID Juvenile																											1						1																							
Un ID Individuals																					1					1	1						3																							
CT1 Troop																																																								
	%	TIME SPENT IN TOWN (Minutes)																														HRS																								
Troop	0.0																															0.00																								
Individuals	0.9																				20					30	120						2.83																							
Roost:	AM	3	6	6.7	6	6	6	3	6	6	6	1	3	6	3	3	6	1	3	1	1	5	5	8	9	5	5	6	6	1	6	6																								
Roost:	PM	6	6.7	6	6	6	3	6	6	6	1	3	6	3	3	6	1	3	1	1	5	5	8	9	5	5	6	6	1	6	6	3																								
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 15: The Constantia 1 Troop's raid sheet for December 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 December 2018.

Incidents that affected management

CON2

- CON2 is still with the Mountain Troop and is currently the only adult male in the troop. The CT2 Troop continued to move in close proximity to the Mountain Troop and shared the same sleep sites on a few occasions during December.

Births and Deaths

- No births or deaths were reported in the CT2 troop for this month.

5. MOUNTAIN TROOP

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 100%.
- The troop slept mostly at Veels-te-Ver and Buitenverwachting Gums Sleep sites during December 2018.

Incidents that affected management

- MT12 started moving in close proximity to the Mountain Troop on 26 December and continued to do so for the rest of the month. It is suspected that the Mountain Troop is his natal troop.

Births and Deaths

- On 12 December, two new born infants were identified in the Mountain Troop. On 17 December, one dead infant (result of infanticide) was seen in the Mountain Troop.

NORTH REGIONAL SUMMARY:

Births and Deaths

- Three births and two deaths were recorded in the Northern Sub population during December 2018.
- On 10 December one infant was recorded in the Tokai Troop. On 14 December, a blind adult female in the Tokai Troop was euthanised for humane reasons following veterinary assessment.
- On 12 December, two new infants were noted in the Mountain troop. On 17 December, a dead infant was identified in the Mountain troop (cause of death was infanticide).

Recommendations

- **Signage** informing the public to **lock their vehicle doors** and keep **windows closed** should be placed at the **SANParks boom gate** on Tokai road to reduce baboons **raiding vehicles**.
- **Bins** at the **SANParks' Picnic Site** need to be closed properly to prevent baboon raids.
- The **electrified perimeter fence** at the **SANParks' Tokai Picnic Site** should be **upgraded and maintained** on a regular basis, to prevent baboons from entering the picnic site to raid.
- **Regular maintenance and upgrades to electrified perimeter fences on wine estates** 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 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 human derived foods.
- 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**.

C. COMMUNITY AWARENESS AND EDUCATION

Community Conservation Officer's Monthly Feedback Report for December 2018:

- **Happy Valley Home Shelter** in Simon's Town was visited on **5 December** to talk with residents about managing their waste properly and being aware and mindful of baboon presence in the area.
- The **Millers Point Picnic Site** was visited on **10 and 19 December** to check on the waste management situation. There are numerous issues regarding the rubbish bins at this site that require continual attention.

- Site visits were carried out at **Black Marlin Restaurant** on **10 and 19 December** to follow up on several recent raids by the Smitswinkel troop. The main issues highlighted were the lack of use of the new exterior kitchen door gate and the need for more regular emptying of waste bins to the waste room.
- A **Baboon Awareness pamphlet drop** was carried out in **Da Gama Park** on **5 December**.
- **'Whats Your Flava' shop in Simon's Town** was visited on **10 December** to address regular shop raids by baboons. Nothing has been done by the shopkeeper to deter baboons from gaining access to fruit within the store, despite numerous communications from HWS staff throughout the year. A formal letter from CoCT Biodiversity was sent to the shopkeeper and the building owner with HWS's recommendations.
- **House visits** were conducted in **Welcome Glen** on **10 December**. Several houses were visited that have previously been reported as having attracted baboons. Possible ways to mitigate such attractants on the property were discussed with owners.
- The Community Conservation Officer along with a local baboon ranger conducted an **educational session** with Grade 6 & 7 students at **Marine Primary School** in **Ocean View** on **4 December**.
- A site check was conducted at **In2Foods** in **Sunnydale** on **4 December** to check up on waste management. Two small issues were dealt with immediately.
- **Rodgers Fruiterer** along **Kommetjie Road** was visited on **10 December** to check up on waste management. Bins are not baboon-proof, an application has been completed.
- **The Hub Restaurant** in **Scarborough** was visited on **19 December** to check up on waste management. There were a few issues at the bin cage which were addressed by the manager on duty.
- **Whole Earth Café** in **Scarborough** was visited on **19 December** to check up on waste management. All bins were locked and secured properly.
- **Camel Rock Restaurant** in **Scarborough** was visited on **19 December** to check up on waste management. Two small issues were addressed immediately by the manager on duty.
- A **baboon educational session** at the **Ocean View Multipurpose Centre Holiday Programme** run by CoCT Recreation and Parks on **19 December**. Approximately 70 children between the ages of 3-18 years old were in attendance.
- **Greeff and Jawitz real estate agencies** were visited on **19 December** to drop off pamphlets for new residents and holiday-makers in Scarborough to improve baboon awareness in the area.
- A site visit was conducted at **Chrysalis Academy** on Porter Estate on **7 December**. The caged waste skip was in a bad state. The baboons had managed to access bags that were up against the sides of the cage and had left behind a mess earlier that day. By the afternoon it had not yet been cleaned up. The issue was addressed with a member of staff on campus and cleaned up accordingly.
- **Cape Academy** in Constantia was visited on **7 December** to follow up on waste management recommendations made by HWS in previous months. It was noted that the damaged bin cage fence has still not been mended and fruit trees on campus have not been removed. These issues will continue to be addressed with the Principal.
- The **undergrounding and insulating of electric lines within baboon habitats** are currently under investigation by the CoCT Electricity Department. The procurement procedure for insulation covers

and the costing of underground lines is underway. **HWS is awaiting feedback. Lewis Gay Dam, Veels-ter-Ver and Plateau Road** are the major concerns as they are the most regular points of baboon electrocutions.

D. GENERAL COMMENTS ON ALL BABOON TROOPS

1. POPULATION CHARACTERISTICS

During December 2018, there were 6 births and 3 deaths in the managed baboon troops. All three deaths were natural. Two deaths were cases of infanticide. The first, in the Smitswinkel Bay troop, was carried out by PR3, and the other in the Mountain Troop, by an untagged male. A blind adult female in the Tokai Troop was euthanised for human reasons following veterinary assessment for blindness. No immigrations or migrations occurred during December 2018.

TROOP	END JUNE TOTALS						DECEMBER 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	1	0		3	5	
Smitswinkel	21	22	24	29	33	35	0	1		0	2	
Waterfall	28	29	31	33	37	40	0	0		1	2	+
GOB	20	19	16	17	23	29	0	0		2	0	
Misty Cliffs	17	16	9	11						0	0	
Slangkop	37	40	35	41	40	44	2	0		2	2	
SUB TOTAL	165	169	161	183	185	203	3	1		8	11	
Zwaanswyk	28	28	30	28	30	20	0	0		3	1	-
Tokai	64	70	62	65	69	75	1	1		10	4	+
Mountain	41	47	49	47	57	60	2	1		4	3	-
CT1					63	46	0	0		5	0	+
CT2	70	69	77	81	22	10	0	0		2	0	+
SUB TOTAL	203	214	218	221	241	211	3	2		24	8	
TOTAL	368	383	379	404	426	414	6	3		32	19	

Table 1: Population data for the eleven managed troops on the Cape Peninsula in October 2018. Emigration/Immigration figures show animal movements between troops and are accommodated in the troop population totals.

Deaths	January to December Totals							DECEMBER 2018	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	0	5	59
Direct **	8	6	6	8	4	3	5	0	2	42
Indirect ***	0	1	4	3	3	3	0	0	3	17
Natural	7	30	19	33	16	28	11	3	9	153
PLOHP****							7	0	0	7
Unknown	1	3	0	4	7	13	10	0	5	43
TOTAL	33	56	37	55	37	59	28	3	19	331

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

2. HOTLINE DATA

During December 2018, there was a total of 103 hotline calls, 78 of which were raid-related calls received from managed areas. This is a decrease of 14 calls from last month (November 2018). The most calls were received for Constantia and Tokai which can be attributed to the dispersal and raiding behaviour of MT12, a male baboon natal to the Mountain Troop that relocated to the Tokai Troop in April 2018. The number of hotline calls in the Scarborough and Misty Cliffs areas were very similar to the previous month (November 2018). The GOB individuals remained challenging to manage and entered the urban space on 29 days this month, 41 incidences were recorded, and 24 calls were received on the hotline. There was an increase in calls from Smitswinkel Bay this month, this is due to the unsettled troop behaviour and an increase in visitors to the area. SWB10 and other individuals moved down to Smitswinkel Bay on numerous occasions this month. Apart from the hotline calls received for MT12, Smitswinkel and the GOB individuals, hotline calls remained relatively low this month and were lower than the number of calls received during December the previous year, 2017 (115 calls in total, 98 from managed areas).

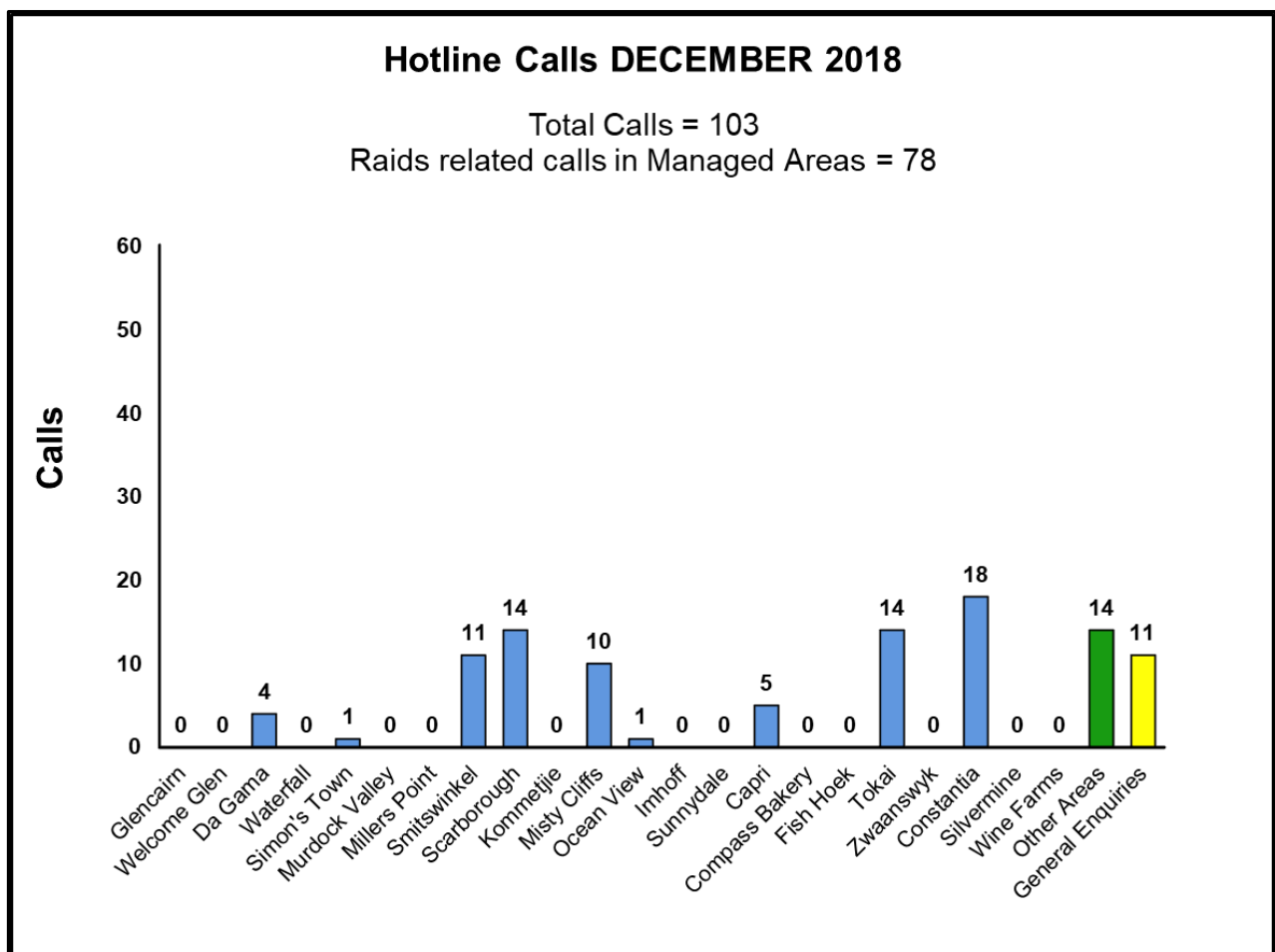


Figure 16: Hotline calls summary per urban area for December 2018. Raid related hotline calls are calls reporting managed baboons in urban areas. Managed Areas are those areas in which managed baboon troops raid. Other Areas, represent those areas beyond the urban edge or the range of managed baboons.

This month, 91% of all raid-related hotline calls were for baboons being within the urban area. Of the remaining raids, 4% were assertive raids and 4% were bin raids. The percentage of calls related to occupied house raids decreased this month. Most occupied house raids can be attributed to the GOB individuals in Scarborough and Misty Cliffs. The percentage of calls related to bin raids also decreased.

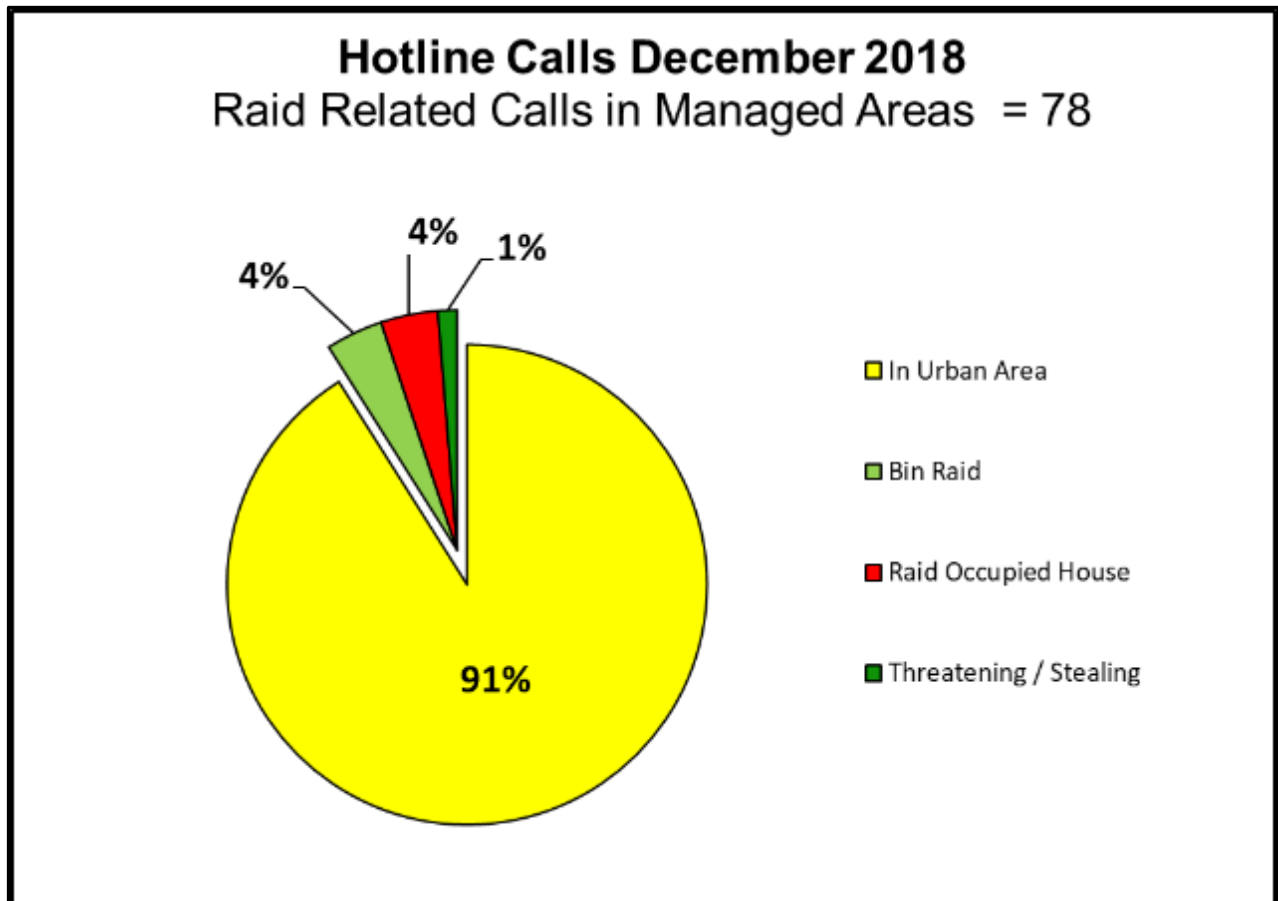


Figure 17: Composition of raid-related hotline calls during October 2018.

3. PERCENTAGE TIME OUT OF TOWN

The percentage time the troops spent out of town in December 2018 was **100%**. This is the first time HWS has achieved a perfect record for every managed troop. For the past six months, the average percentage time out of town for troops has remained a consistent 99.9%. This is also a record and very pleasing when considering that the City mandate is to keep baboon troops out of town for over 90% of the time. In December 2017 the time out of town for troop was 99.8%.

Unfortunately this month, there was a slight decrease in the time individuals spent out of town, dropping from 96.1% in November to 95.6% in December. This drop can, however, be explained largely by the disruptions caused by the two dispersing males PR3 and MT12 (see hotline report above).

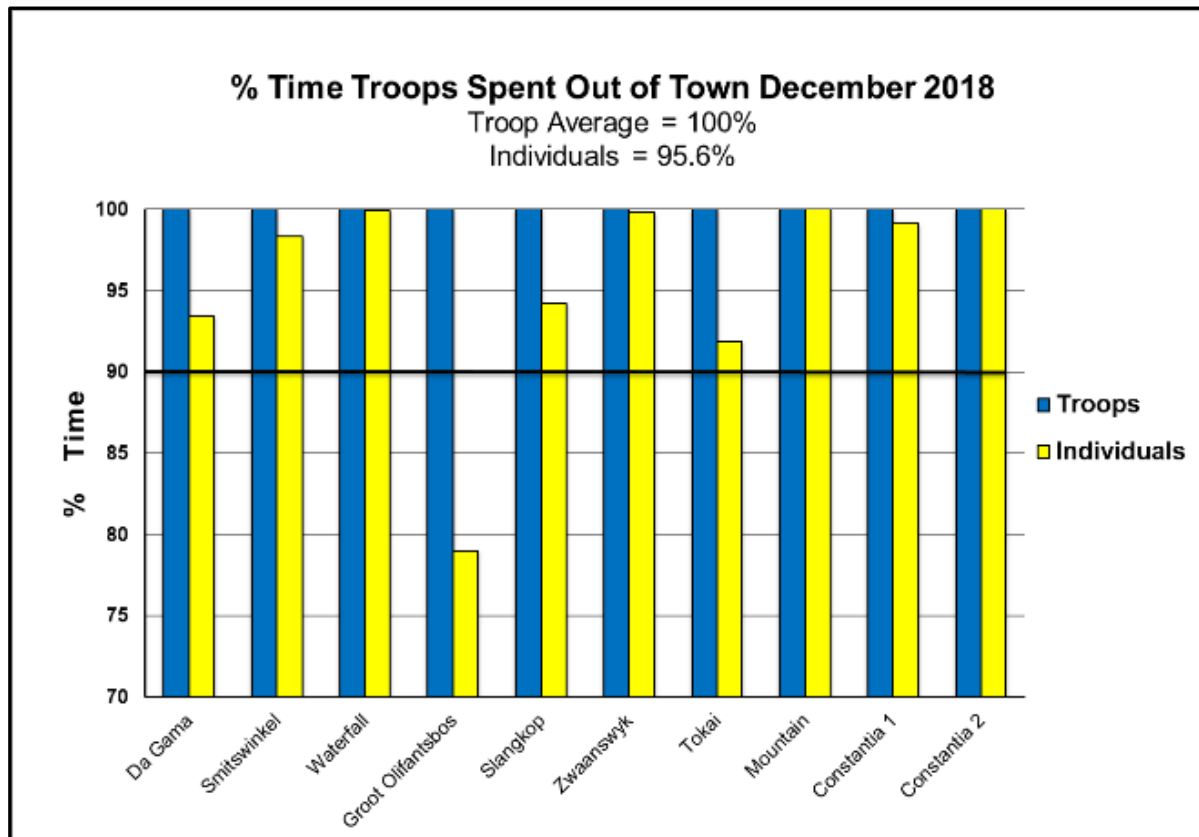


Figure 18: Percentage time troops spent out of town. The solid line at 90% indicates the City of Cape Town's 2014 and current contract requirement.

E. CONCLUSION

This month, although HWS achieved a record of keeping all baboon troops out of town for 100% of the time, several old issues were still recurring. Waste management, fruiting trees and lack of adequate baboon-proofing remain major problems in certain areas and continue to attract some individuals into town. Unsecured vegetable gardens and compost heaps are also sources of human derived foods that need to be secured.

Apart from the ongoing problem of the three GOB females raiding Scarborough and Misty Cliffs on a regular basis, this month two dispersing males were directly or indirectly the cause of many hotline calls being made. In the north, the dispersing male, MT12, raided extensively while searching for a new troop to join. In the south, the dispersing male, PR3, has joined the Smitswinkel Troop. He and SWB10 have had many altercations, and as a result SWB10 started leaving the troop and regularly raided Smitswinkel Bay over the festive season. The disturbances caused by PR3 and MT12 are expected to subside when these males get fully accepted into their new troops.

Dr Phil Richardson

HUMAN WILDLIFE SOLUTIONS (PTY) LTD