



Photo: Sieglinde Rode

Human Wildlife Solutions

Monthly Report

November 2018

In loving memory of Sieglinde Corny Rode

11 / 11 / 1982 to 13 / 12 / 2018

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A. INTRODUCTION

This monthly report covers the period from 1 November to 30 November 2018. November is generally a good month for baboons as the summer heat after the winter rains usually produces a good supply of food for baboons. This year was no exception, and was better than usual because the drought of the past two years has largely broken and Cape Town experienced relatively good winter rains.

This month the average percentage time out of town was again 99.9%. Despite this HWS still received 92 raid related hotline calls. Almost every call can be said to originate from poor waste management or from food being made easily accessible to baboons in the form of fruiting trees or unprotected vegetable gardens.

This month HWS introduces a community section to the monthly report. In July, HWS appointed Kim Gordon as their Community Conservation Officer with the aim to work more closely with communities in order to relieve ongoing issues relating to human conflicts with baboons. From now on the HWS report will include a brief section on the activities of the Community Conservation Officer.

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 96,5% of time out of the urban area.
- The troop utilised its northern sleep sites for the majority of the month (57%) and the southern sleep sites for 43% of the month.

Incidents that affected management

The Black Marlin Restaurant:

- Waste management at the Black Marlin Restaurant has been problematic this month.
- Bins at the Black Marlin were raided on numerous occasions during November. Waste bins, outside the kitchen door, were often over filled rendering the baboon-proof mechanism useless.

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: NOVEMBER	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		
SWB6	M																1		2.6		1			2	2	1	2	2	2	2.2	2	13		
SWB10	M																															0		
UnID Males	M																															0		
UnID Females	F																															0		
UnID Juveniles																																0		
UnID Individuals																														1,2,2	3			
Troop																																0		
	%	TIME SPENT INTOWN (Minutes)																														HRS		
Troop	0.0																															0.00		
Individuals	3.5																45		80		30				15	65	90	30	45	23	75	180	11.30	
Roost:	AM	2	1	1	1	1	4	5	6	6	1	1	1	1	7	1	4	4	3	4	4	5	4	5	4	2	2	5	5	4	6			
Roost:	PM	1	1	1	1	4	5	6	2	1	1	1	1	7	1	4	4	3	4	4	5	4	5	4	2	4	6	5	5	6	4			
Roost Sites		1	Smits Caves					2	Partridge Point					3	Bluegums					4	Millers Point					5	Rocklands Farm							
		6	Castle Rock					7	SANParks					8	Other/Unknown					9						10								
ID Features of Baboons																																		
General remarks		Black, bold and italics text indicates raids at SANParks. Red italics and bold indicates raids on farms																																

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

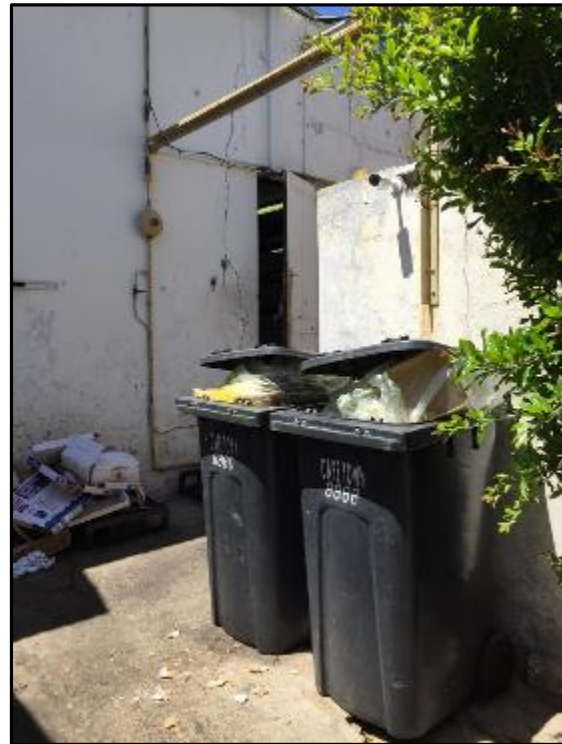


Figure 2: Overfilled bins outside the Black Marlin Restaurant kitchen.

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

- On 2 November PR3 moved over the Swartkop saddle towards the Smitswinkel Bay Troop, which were foraging near Partridge Point.
- Initially, PR3 had little interaction and merely followed behind the troop. However, over the following days PR3 attempted to join the Smitswinkel Bay Troop. This led to altercations between SWB10, the alpha male, of the Smitswinkel Bay Troop and PR3.
- On 14 November, PR3 and SWB10 fought above Smitswinkel Bay. SWB10 sustained injuries to his arms and chest, and was monitored closely over the following days.
- The Smitswinkel Bay Troop dynamics have been disrupted since PR3's arrival.

Births and Deaths

No births or deaths were reported in the Smitswinkel Bay Troop this month.

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 98,7% in October 2018 to 99,8% in November 2018.
- Raids on City of Cape Town land accounted for only 5% of total raids. The remaining 95% of raids, took place on SA Navy properties. This is the highest percentage of raids on Navy land for 2018.
- The Waterfall Troop predominantly slept at the South African Naval Armament Depot (SANAD) Sleep Site this month (77%). The remaining time was spent between the Waterfall Cliffs, Happy Valley 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 the South African Navy, continued to be constant sources of attractants for baboons.
- Bins were raided at Navy facilities on 34 occasions this month. This constituted 85% of total Navy raids.
- Occupied room raids occurred on 6 occasions, constituting the remaining 15% of total Navy raids.

Births and Deaths

There were no births or deaths in the Waterfall Troop during November.

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: NOVEMBER	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																		2.2													2		
WF5	M			2	2			2.2	2.2	2.2			2.2						2.2		2											13		
UnID Males	M			2.2	2			2.2,6	2.2	2.2			2	2.2									1									14		
UnID Females	F									2.2																						2		
UnID Juveniles																																0		
UnID Individuals											6,6,6								2.2					2.2	2,2,6,6							11		
Troop																																0		
	%	TIME SPENT IN TOWN (Minutes)																														HRS		
Troop	0.0																															0.00		
Individuals	0.2												16										15									0.52		
Roost:	AM	10	6	10	10	10	10	10	10	10	10	2	2	1	10	10	10	10	10	10	10	10	10	2	1	1	10	10	10	10	10			
Roost:	PM	6	10	10	10	10	10	10	10	10	10	2	2	1	10	10	10	10	10	10	10	10	2	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		Red, Bold and Italics indicates raiding inside the South African Naval Ammunition Depot (SANAD) and Signal School. Black, Italics indicates raiding on farms.																																

Figure 3: The Waterfall Troop raid sheet for November 2018.

3. DA GAMA TROOP

In Town Statistics

- Time out of town for the troop was 99.9%.
- The troop spent 27 nights out of town, sleeping at the Maylands and Grootkop Sleep Sites for most of the month.



Figure 4: The Da Gama Troop's movement for November 2018.

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: NOVEMBER		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		
Troop								2																								2		
DG14 (O-G)	M				1							1																1				3		
DG18	M				1														1													2		
DGF1	F																															0		
DGF2	F																															0		
DGF4	F																															0		
UnID Females	F				1														1													2		
UnID Female	F										2																					2		
UnID Individuals																																0		
UnID Juvs																																0		
	%	TIME SPENT IN TOWN (Minutes)																														HRS		
Troop	0.1							15																								0.25		
Individuals	1.6				57			15			180	10							40									10				5.20		
Roost:	AM	20	20	20	20	20	2	2,1,3	3	20	20	20,4	20,1	20	17	21	16	20	20	20	1	17	20	20	21	17	20	20	20	20	20			
Roost:	PM	20	20	20	20	2	2,1,3	21	17	20	20	20,1	20	17	21	17	20	20	20	1	17	20	20	21	17	20	20	20	20	20	17			
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 5: The Da Gama Troop raid sheet for November 2018.

Incidents that affected management

- Two females slept alone in Glenalpine Road in Welcome Glen on 10 November, when the rest of the troop was sleeping at Grootkop.
- On 13 November, DG18 attempted to chase juveniles but was fended off by DG14.
- On 20 November, DG18 was collared with a VHF collar.
- On 22 November, DG18 attacked a juvenile which was injured on the left-hand side of her chest.
- On 25 November, there was a mugging of a member of the public at Kleinplaas Dam. Safety and security around Kleinplaas Dam have become of concern for the ranger team's safety.
- On 30 November, DG14 left the troop in the late afternoon and was not seen again for the rest of the day. There were also no hotline calls for baboons in the urban area.

Births and Deaths

There were no births or deaths in the Da Gama Troop this month.

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

There were no births or deaths recorded in the South East this month.

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 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 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 second 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 and their three juveniles (also referred to as the GOB individuals), roosted at the Misty Cliffs Sleep Site for the majority of November, except for one night, when they roosted within the CoGH.
- The GOB individuals spent 77% 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: NOVEMBER	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	1	1	1.6	1	1	1	1	1			1.2	1.2	1	1,2,2	1			1.6	1	1	1	1	1	1.2	2	1.6	1	34		
Unld Individuals																																0		
Juveniles																																0		
Troop																																0		
	%	TIME SPENT IN TOWN (Minutes)																														HRS		
Troop	0.0																															0.00		
Individuals	22.3	140	150	140	110	80	255	120	345	230	90	90			30	235	180	120	45				150	480	60	210	290	180	210	20	295	50	71.75	
Roost:	AM	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2	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	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 November 2018.

Births and Deaths

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

2. THE SLANGKOP TROOP

In Town Statistics

- The troop spent 100% of time out of the urban area.
- Individuals spent 88,4% of time out of the urban area.
- The troop slept in the pine trees behind Ocean View for 40% of the month, the Compass Cliffs Sleep Site for 37% of the month and on the Slangkop Cliffs for 23% of the month.

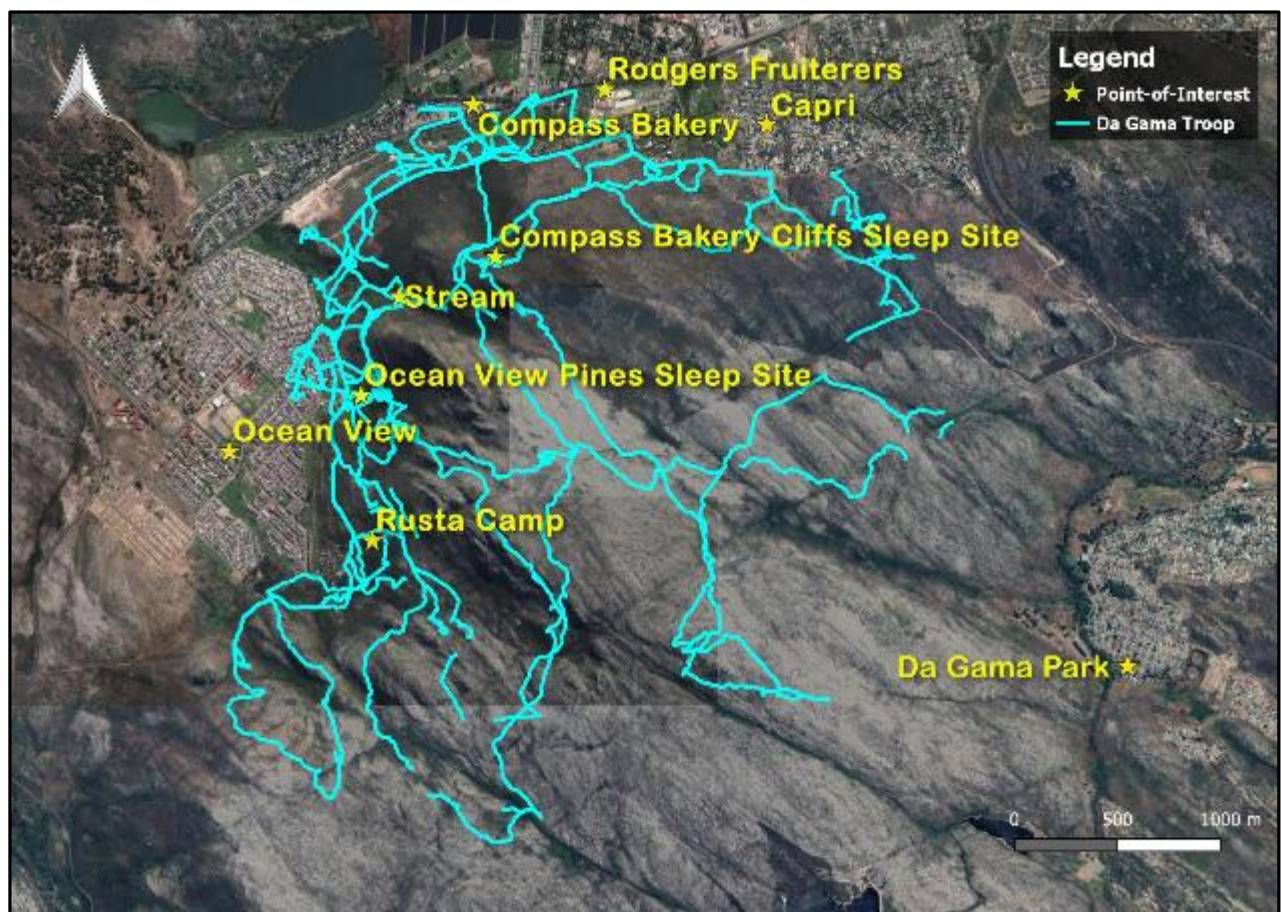


Figure 7: The Slangkop Troop's movement for November 2018.

Fruit Trees:

- Individual baboons were regularly attracted to the many fruiting trees in Capri and the De Oude Weg area this month. This resulted in a spike in hotline calls coming from Capri.
- 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 injuries to baboons.

- Open vegetable gardens also provided additional attractants for baboons.

Non-baboon-proof bins:

- The lack of baboon-proof bins in areas that abut the troop's ranging area, particularly Capri, is leading to an increase in attractants to the urban area and an increase in accessible human derived foods.

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: NOVEMBER	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									
SK6	M							6								1		1,2,2	2,2	6			6	2								10									
UnID Males	M			1	1		1						2						2,2					1		2,2						9									
UnID Females	F			1	1,2		1												2,2					1	1							8									
UnID Juveniles					1																											1									
UnID Individuals					1			1	1	1,2	2,1		1	1,2,2		1,2,2,2		1,2,2		1,2			2	2							1,2,2	25									
Troop																																0									
	%	TIME SPENT IN TOWN (Minutes)																														HRS									
Troop	0.0																														0.00										
Individuals	11.6			35	179		30	120	200	150	201		315	75		225		120	50	154				80	195	60	20				35	37.40									
Roost:	AM	2	2	2	2	2	2	1	1	1	1	1	1	1	2	3	3	3	3	3	2	2	3	3	3	3	3	2	2	2	2										
Roost:	PM	2	2	2	2	2	1	1	1	1	1	1	1	2	3	3	3	3	3	2	2	3	3	3	3	3	2	2	2	2	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 November 2018.

SOUTH WEST REGIONAL SUMMARY:

Births and Deaths

There were no births or deaths recorded in the South West during November 2018.

Recommendations

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

NORTHERN REGION – AREA MANAGER: STEPHANUS FERREIRA

1. TOKAI TROOP

In Town Statistics

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

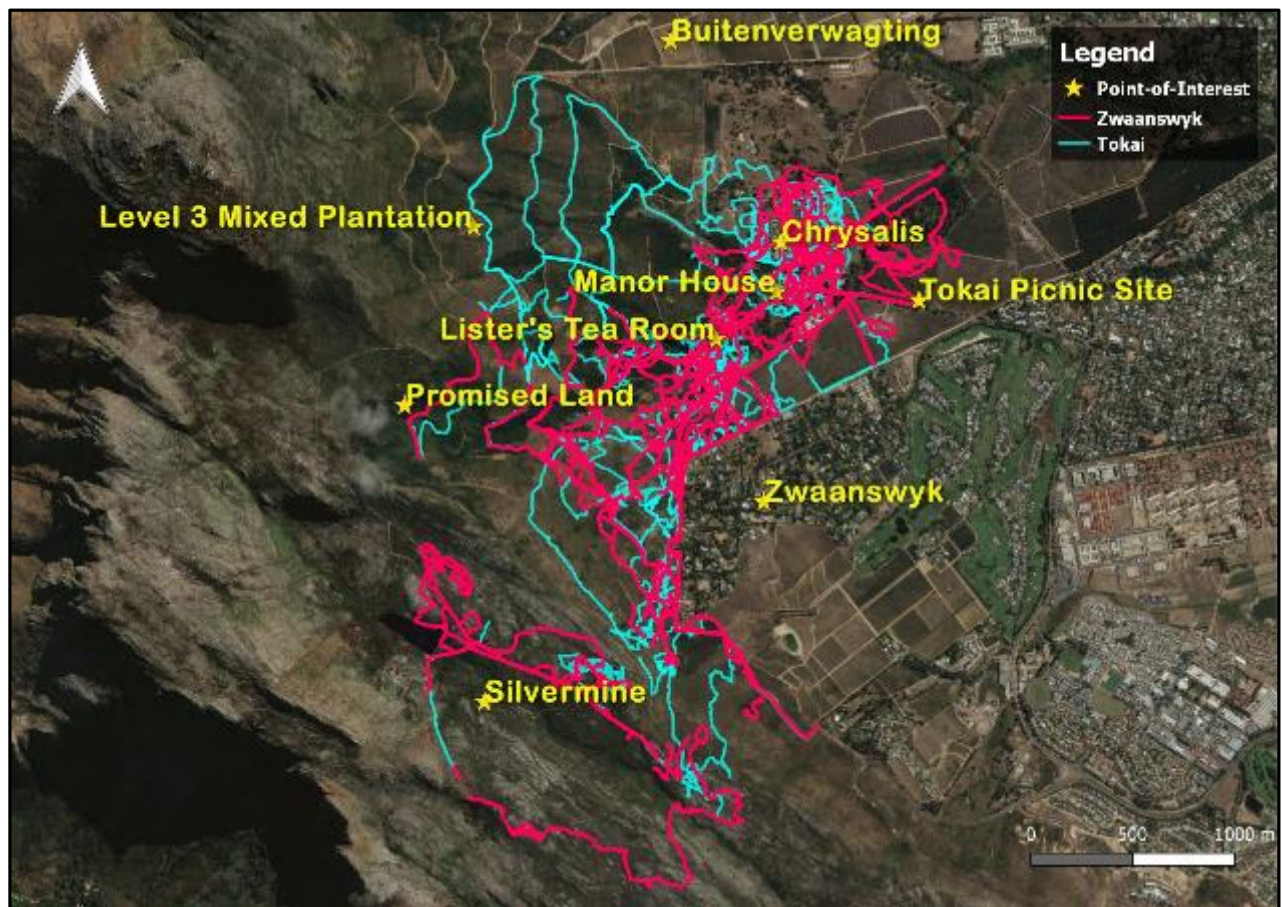


Figure 9: The Tokai and Zwaanswyk Troop's movements for November 2018.

Incidents that affected management

Silvermine Dam

- The Tokai troop moved up towards Silvermine Dam twice during November. MT12 (an adult male) raided an unattended backpack on 9 November at the Silvermine Dam.

Chrysalis Academy

- On 11 November, MT12 raided a bin at Chrysalis Academy and an unoccupied house on Porter Estate.

HWS: TROOP MONTHLY REPORT																																																				
SECTOR		CLASSES OF BEHAVIOUR																																																		
NORTH		1	In urban area										4	Attacking pets										7	Threatening behaviour/attack/stealing food																											
BABOON TROOP:		2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property																											
MONTH: NOVEMBER		3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding																											
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																				
MT 8 (G-W) VHF collar	M																																																			
MT12 (Blue)	M									2		2.5																				3																				
MT13 (Y-W)	M																																																			
Un ID male	M																																																			
UnID Female	F																																																			
UN ID juvenile																																																				
Un ID individuals																																																				
Troop																																																				
	%	TIME SPENT IN TOWN (Minutes)																														HRS																				
Troop	0.0																															0.00																				
Individuals	0.0																															0.00																				
Roost:	AM	1	1	1	4	1	1	1	2	1	11	2	1	2	1	1	10	1	1	2	1	1	1	4	2	2	2	2	2	11	8																					
Roost:	PM	1	1	4	1	1	1	2	1	11	2	1	2	1	1	10	1	1	2	1	1	1	4	2	2	2	2	2	11	8	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		<i>Bold and italics text indicates non-urban raids.</i>																																																		

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

Births and Deaths

- Three infants were identified in the Tokai Troop this month, one on 6 November, another on 18 November and the third on 25 November. One death occurred in the Tokai Troop, when an infanticide was committed by one of the untagged males on 18 November.

2. ZWAANSWYK TROOP**In Town Statistics**

- Time out of town for the troop was 100%.
- Time out of town for individuals was 99.67%
- The troop mostly slept at the Tea Garden during November 2018 and slept once at the Silvermine Pines.

Incidents that affected management

Silvermine Dam

- The troop moved up to Silvermine Dam once during November 2018. No raids were recorded while the baboons were at the Silvermine Dam.

Chrysalis Academy and Porter Estate

- On 7 November, an unidentified female raided a bin at Chrysalis Academy. On 8 November, an unidentified female raided an unoccupied house on the Porter Estate.

Silversteen Estate

- On 18 November, TK53 and four unidentified females entered the Silversteen Estate. One of the females raided a bin inside the estate.

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: NOVEMBER	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		
TK53 (Orange-Y)	M																			1												1		
Un ID Male	M																																	
Un ID Females	F							2	6										2													3		
Juveniles																																		
Troop																																		
	%	TIME SPENT IN TOWN (Minutes)																														HRS		
Troop	0.0																															0.00		
Individuals	0.1																		20													0.33		
Roost:	AM	1	1	1	1	5	1	4	1	2	11	2	1	3	3	1	8	1	1	2	1	1	1	4	2	2	2	4	1	2	8			
Roost:	PM	1	1	1	5	1	4	1	2	11	2	1	3	3	1	8	1	1	2	1	1	1	4	2	2	2	4	1	2	8	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 11: The Zwaanswyk Troop's raid sheet for November 2018.

Births and Deaths

- On 17 November, a new born was seen in the Zwaanswyk Troop.

3. CONSTANTIA TROOP 1 (CT1)

In Town Statistics

- Time out of town for the troop was 99.83%.
- Time out of town for individuals was 99.5%.
- The troop mostly slept at the Upper Gums and the Bike trails Sleep Site during November 2018.



Figure 12: The Constantia 1 Troop's movement for November 2018.

Incidents that affected management

Little Stream

- The troop entered town at the Little Stream restaurant on Klein Constantia Road on 6 November. No raids were observed.

Births and Deaths

- On 17 November, two infants were recorded in the Constantia 1 Troop. No deaths were reported.

HWS: TROOP MONTHLY REPORT																																								
SECTOR		CLASSES OF BEHAVIOUR																																						
NORTH		1	In urban area										4	Attacking pets										7	Threatening behaviour/attack/stealing food															
BABOON TROOP:		CT1		2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property													
MONTH: NOVEMBER		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								
CON F1 (W)	F						1																									1								
Unid AD MALE	M						1																									1								
Unid SA MALE	M						1																									1								
Un ID Female	F						1																									1								
Un ID Juvenile							1																									1								
Un ID Individuals							1																									1								
CT1 Troop																																								
	%	TIME SPENT IN TOWN (Minutes)																														HRS								
Troop	0.1						10																									0.17								
Individuals	0.2						30																									0.50								
Roost:	AM	1	1	1	1	1	3	1	1	1	6	1	1	1	3	2	2	1	5	8	1	1	2	3	3	1	3	3	3	6	6									
Roost:	PM	1	1	1	1	3	1	1	1	6	1	1	1	3	2	2	1	5	8	1	1	2	3	3	1	3	3	3	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 13: The Constantia 1 Troop's raid sheet for November 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 November 2018.

Incidents that affected management

- On 3 November, CON2 from the Mountain troop joined the CT2 Troop. Since CON2 joined CT2, the time that CT2 spent with Mountain Troop has reduced.

Births and Deaths

- On 23 November, one new born was identified in the CT2 troop. No deaths were reported.

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 November 2018.

Incidents that affected management

- On 3 November, CON2 emigrated from the Mountain Troop to the CT2 Troop. Since CON2 left the Mountain Troop, the time the Mountain Troop and CT2 Troop spent together has declined.

Births and Deaths

- On 23 November, a new born was identified in the Mountain Troop. No deaths were reported.

NORTH REGIONAL SUMMARY:

Births and Deaths

- Eight births and one death were recorded in the Northern sub-population during November 2018.

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 (HDF's) available to baboons, and this should reduce the level of raiding at **Chrysalis Academy**.
- Measures such as the **baboon-proofing of private and staff houses on wine estates will also reduce baboon access to HDF's**.
- The **horse gate** at the **Zwaanswyk fence** needs to be **closed constantly** to ensure that baboons do not enter the urban area.
- **Insulating** the electrical bushings of the **Veels-te-Ver transformer box** by placing covers over them will prevent baboons from getting **electrocuted**.

C. COMMUNITY AWARENESS AND EDUCATION

1. MONTHLY FEEDBACK REPORT FOR NOVEMBER 2018

- **HWS partnered with SANCCOB and the City of Cape Town for the Annual Penguin Festival in Simon's Town on 10 November.** HWS sponsored 18 children from Kleinberg Primary School, 17 children from Marine Primary School, 9 children from HWS South Section Rangers and 2 children from Da Gama Park, to join HWS staff for an environmental education experience. Sponsors who kindly contributed toward the costs of the children joining HWS for the event are thanked for their contributions. Despite the strong South-Easter wind, the event went off well. The children all had a great time learning in the educational tent and being entertained with a wide variety of activities.
- **The Community Officer visited 'Whats Your Flava' shop in Simon's Town on 29 November** to address regular shop raids by baboons. Recommendations were made regarding the front door security gate to deter baboons from gaining access to fruit within the store. HWS is also in regular contact with the agent who manages the building on behalf of the property owner.
- **Millers Point Picnic Site was visited on 28 November to check on the waste management situation.** There are numerous issues regarding the rubbish bins at this site that require continual attention.
- **A site visit was made at Black Marlin on 28 November to follow up on several recent raids by the Smitswinkel troop.** The main issues highlighted were securing a gate on the kitchen doorway that will prevent baboons gaining access, and ensuring the staff empty the waste bins more regularly.
- A Baboon Awareness pamphlet drop was carried out in Da Gama Park on 28 November.
- **An educational baboon signage board that was in HWS storage was re-erected on 21 November.** The signage was placed up by local residents at the entrance to Welcome Glen, on the corner of Glen and Glenhurst Roads, with the assistance of CoCT.
- **The electricity powerlines within baboon habitat are currently under investigation by the CoCT Electricity Department.** The procurement procedure for insulation covers and the costing of underground lines is underway. HWS awaits feedback. Lewis Gay Dam, Veels-ter-Ver and Plateau Road are areas of major concern because they are the most regular points of baboon electrocutions.
- **HWS conducted an educational session at the Marine Primary School in Ocean View on 29 November.** The Grade 4 and 5 learners participated well in the lessons and were excited to learn more about baboons.

D. GENERAL COMMENTS ON ALL BABOON TROOPS

2. POPULATION CHARACTERISTICS

During November 2018, there were eight births and only one death (an infanticide) in the managed baboon troops. All of the births this month were in the northern Troops. The skewed population growth this month is a continuation of what has already been observed in previous months this half year. To date since the start of this half year (July – November) there have been four times as many births in the northern sub-population as there were in the southern, but just over half as many deaths. Thus the northern sub-

population is breeding much faster and having lower mortality than the southern sub-population. There is little doubt that the high population growth rate in the north can be attributed to the much greater access to human derived foodstuffs these baboons have access to on the wine farms, Chrysalis Academy, Porter Estate and the Tokai Picnic Site.

TROOP	END JUNE TOTALS						NOVEMBER 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	0		2	5	
Smitswinkel	21	22	24	29	33	35	0	0	+1 (PR3)	0	1	
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		0	0	
Slangkop	37	40	35	41	40	44	0	0		0	2	
SUB TOTAL	165	169	161	183	185	203	0	0		5	10	
Zwaanswyk	28	28	30	28	30	20	1	0		3	1	-4
Tokai	64	70	62	65	69	75	3	1		9	3	+4
Mountain	41	47	49	47	57	60	1	0	-1 (CON2)	2	2	-2
CT1	70	69	77	81	63	46	2	0		5	0	+1
CT2					22	10	1	0	+1 (CON2)	2	0	+1
SUB TOTAL	203	214	218	221	241	211	8	1		21	6	
TOTAL	368	383	379	404	426	414	8	1		26	16	

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							NOVEMBER 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	1	6	150
PLOHP****							7	0	0	7
Unknown	1	3	0	4	7	13	10	0	5	43
TOTAL	33	56	37	55	37	59	28	1	16	328

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.

3. HOTLINE DATA

During November there was a total of 114 hotline calls, 92 of which were raid-related calls received from managed areas.

84% of all raid-related hotline calls were for baboons being within the urban area. Of the remaining raids, 7% were assertive raids and 9% were bin raids. The percentage of occupied house raids decreased this month, but the percentage of bin raids increased this month. Most of the bin raids can be attributed to individuals from the Smitswinkel, Waterfall and Slangkop troops raiding at the Black Marlin and Navy properties and the unavailability of baboon-proof bins in Capri.

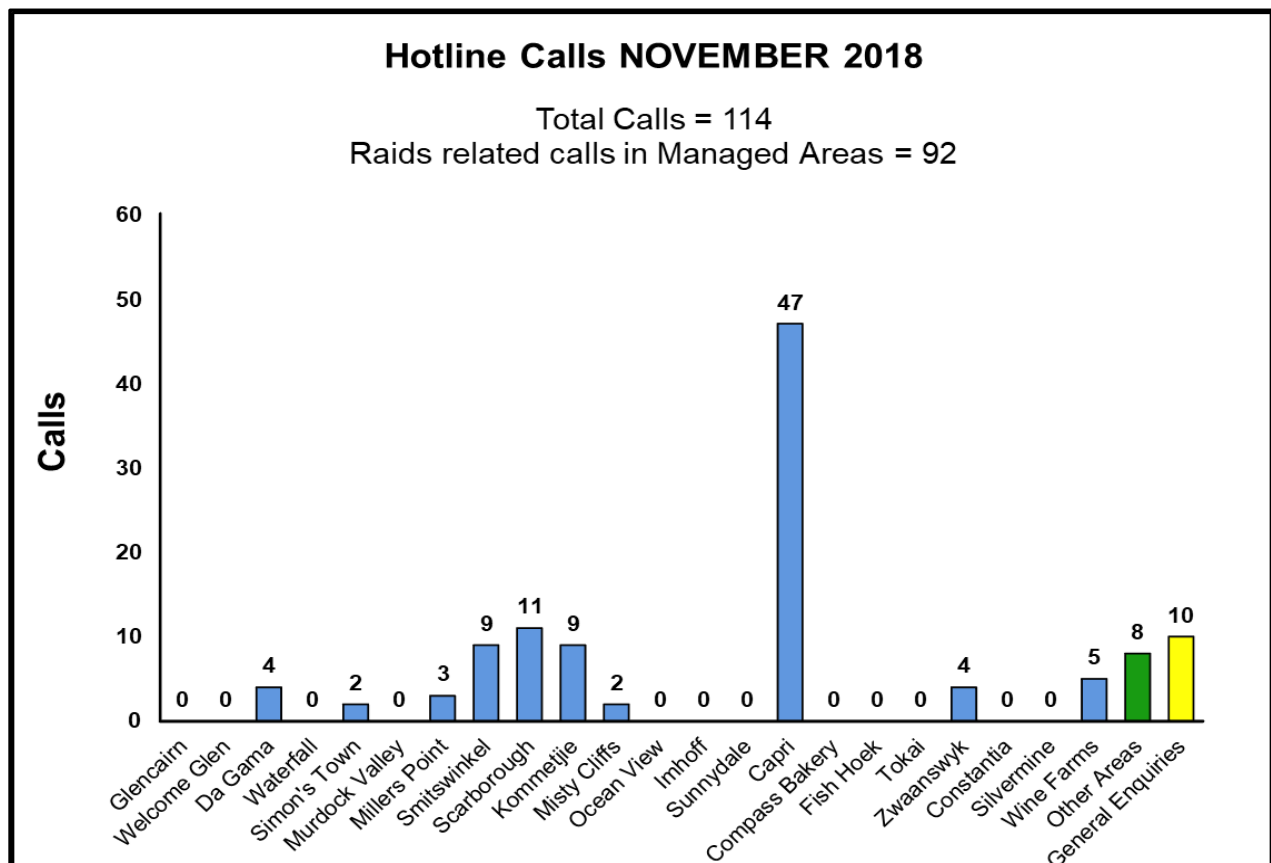


Figure 14: Hotline calls summary per urban area for November 2018. Raid related hotline calls are calls reporting managed baboons in urban areas. Managed Areas are those areas in which managed baboon troops raid. Other Areas, represent those areas beyond the urban edge or the range of managed baboons.

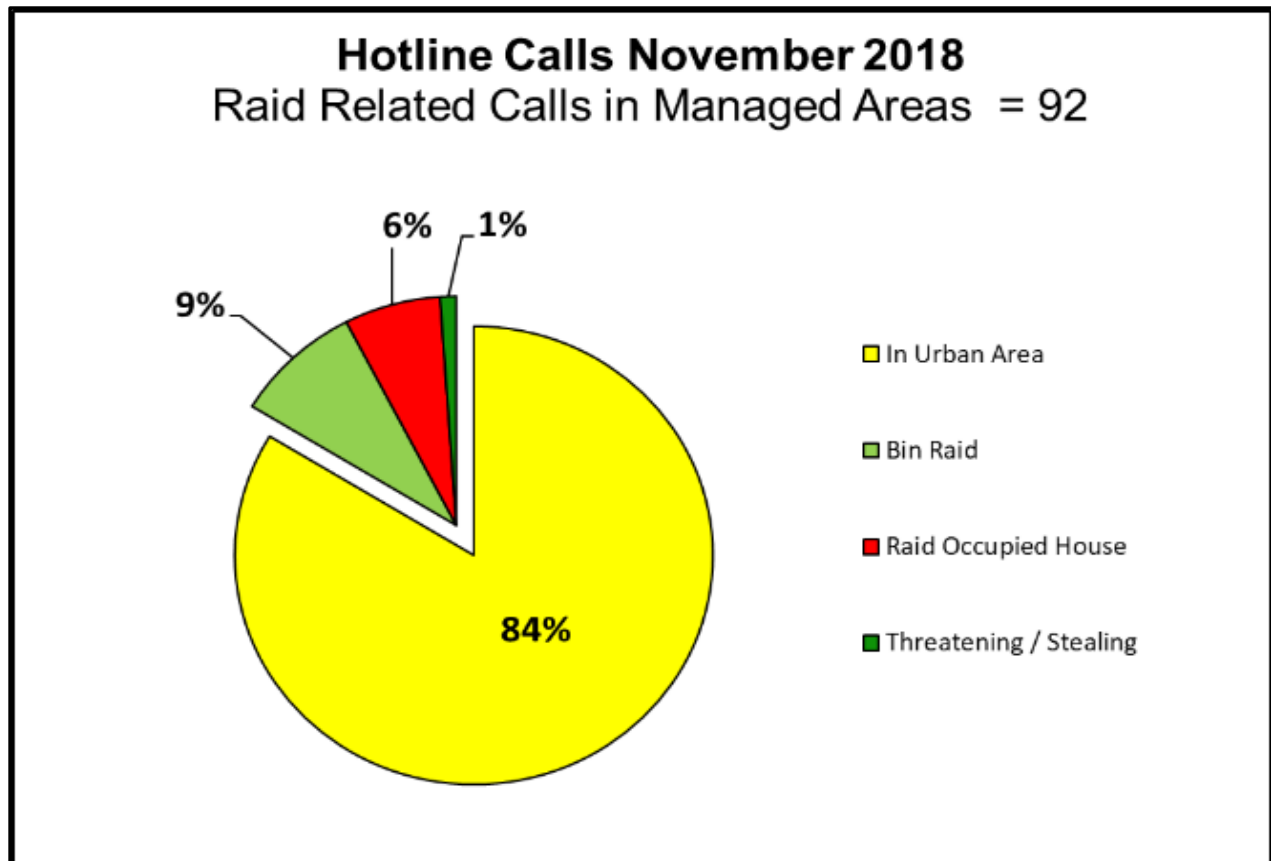


Figure 15: Composition of raid-related hotline calls during October 2018.

4. PERCENTAGE TIME OUT OF TOWN

The average percentage of time that the troops spent out of town this month was 99,99%. Only two troops were not 100% out of town. HWS is therefore still short of ever achieving the perfect record for troops out of town in a month. Nevertheless, for the past six months, the average percentage time out of town for troops has remained a consistent 99.9%. This is certainly a record for HWS, and is the more notable because it includes two winter months, when the baboons are most inclined to raid town.

This month the average time out of town for individuals increased by almost 4% over last month, to 96.1% time out of town. This is also an increase of just under 3% over November last year (93.4%). November is traditionally the best month for baboons because the heat of summer has produced a good variety of food in the fynbos, but before the heat and drought of summer starts to take its toll. 2017 was also a very bad drought year, so it is not surprising that the time out of town data are much better this year.

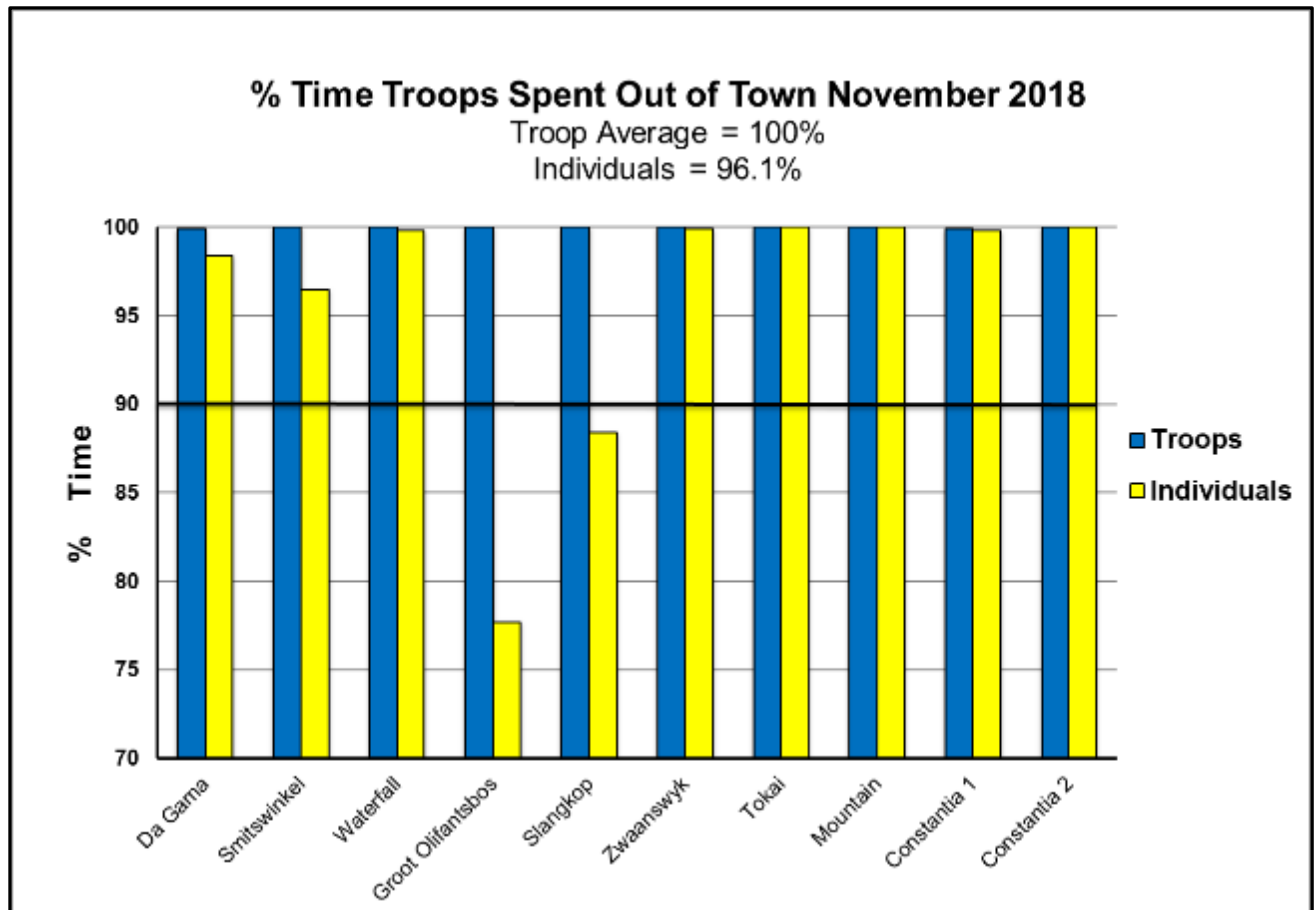


Figure 16: Percentage time troops spent out of town. The solid line at 90% indicates the City of Cape Town's 2014 and current contract requirement.

E. CONCLUSION

This month, although HWS achieved its previous record of keeping all baboon troops out of town for an average of 99.99% of the time, there were still several old recurring issues to spoil this record. Waste management is an ongoing problem at all Naval facilities. Fruiting trees are an annual summer problem. A new issue that is arising, is that many areas on the edges of baboon ranging areas, do not have access to baboon proof bins. These areas, like parts of Capri and the De Oude Weg area, are starting to attract baboons because of the lack of baboon proof bins. Unprotected vegetable gardens are also a problem.

Finally, we very sadly report the sudden and unexpected passing of Sieglinde (Ziggy) Rode in the early hours of Thursday 13 December, 2018. Ziggy was a well-respected and much-loved member of Human Wildlife Solutions, where she managed the teams of rangers working in the south eastern peninsula, and later became HWS's Operations Manager. Ziggy will be sorely missed.

Dr Phil Richardson

HUMAN WILDLIFE SOLUTIONS (PTY) LTD