



Photo: Tara Naeser

Human Wildlife Solutions

Monthly Report

February 2019

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A. INTRODUCTION

This monthly report covers the period from 1 to 28 February 2019. Throughout this summer, the monthly reports have been very similar with the baboon troops staying out of town for either 100% or 99.9% of the time (as they were this month). In addition there have still been relatively high rates of raiding by individuals, whose average time out of town this month was only 94.4%. The majority of the raids were conducted by individuals from the Da Gama Troop, and particularly in Welcome Glen, which gave rise to 35 raid related hotline calls.

This month, there was also a particularly high rate (16%) of hotline calls reporting assertive raids (raids in houses and stealing food from people). Bin raids only accounted for 4% of hotline calls. Throughout the baboons ranging areas, their access to human derived foods continued to be quite readily available, and mostly in the form of unsecured bins, fruiting trees and unsecured doors at eating establishments and shops.

B. BABOON MANAGEMENT AND RAID REPORTING

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

1. SMITSWINKEL BAY TROOP

In Town Statistics

- The Smitswinkel Bay 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 61% of the month and the northern sleep sites for 39% of the month.

HWS: TROOP MONTHLY REPORT																																
SECTOR		CLASSES OF BEHAVIOUR																														
SOUTH EAST		1	In urban area				4	Attacking pets				7	Threatening behaviour/attack/stealing food																			
BABOON TROOP:	SMITS	2	Raid bins				5	Raid unoccupied house or vehicle				8	Breaking & Entering/Damaging property																			
MONTH: FEBRUARY	YEAR: 2019	3	Non malicious damage				6	Raid occupied house or vehicle				9	Nocturnal Raiding																			
BABOON ID	Sex	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	TOTAL		
SWB6	M																													0		
SWB10	M																													0		
PR3	M								6		6						6					1								4		
UnID Males	M																							6						1		
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								12		10						20					25		15		67				2,48		
Roost:	AM	5	5	5	5	3	6	4	4	6	4	4	4	3	7	1	1	4	4	5	5	5	5	6	6,2	1	1	7	7			
Roost:	PM	5	5	5	3	6	4	4	6	4	4	4	3	7	1	1	4	4	5	5	5	5	6	6,2	1	1	7	7	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		<i>Black, bold and italics text indicates raids at SANParks.</i>																														
		<i>Red Italics and bold indicate raids on the farms.</i>																														

Figure 1: The Smitswinkel Bay Troop raid sheet for February 2019.

Incidents that affected management

Black Marlin Restaurant:

- Waste management and the level of baboon-proofing at the Black Marlin Restaurant has, once again, been problematic this month.
- Baboons visited the restaurant on four occasions this month and managed to gain access to the kitchen on all 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.



Figure 2 (a) The Black Marlin bin room and outside kitchen door (b), both open and accessible to baboons.

PR3 (adult male)

- PR3 was captured, on 22 February 2019, and fitted with a VHF collar.
- This has assisted in reducing the number of raids at the Black Marlin.



Figure 3: PR3 being released after his VHF collar was fitted.

Millers' Point Picnic Site:

- The Millers Point picnic site, with its open braai facilities, acts as a major attractant to the baboons.
- The bins are not secure and are accessed by baboons when not properly secured.

Births and Deaths

There were no births or deaths recorded for the Smitswinkel Bay Troop during February 2019.

2. WATERFALL TROOP

In Town Statistics

- The Waterfall Troop spent 100% of its time out of the urban area this month.
- Individuals spent 100% of their time out of the urban area this month.
- 100% of raids, took place on SA Navy properties.
- The Waterfall Troop predominantly slept at the South African Naval Depot (SANAD) Sleep Site this month (79%). The remainder was spent on the cliffs above the Good Hope Nursery (21%).

Incidents that affected management

The South African Navy: Simon's Town:

- Once again, all of the 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, but at SANAD in particular.
- Individuals raided bins at the SANAD facility on 41 occasions this month, which equate to 95% of all raids.

Untagged Male, GOB Troop:

- On 26 February 2019, an untagged male from the GOB troop moved slowly up the Klaasjagersberg in the direction of the Waterfall Troop.
- He moved on the periphery of the Waterfall Troop for the remainder of the day and was met with curiosity from the troop.
- On 27 February 2019, the untagged male was still seen to be following the Waterfall Troop. Later he moved closer to the troop and was seen foraging with some individuals.

Births and Deaths

- No births or deaths were recorded for the Waterfall Troop during February 2019.

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: FEBRUARY	YEAR: 2019	3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding									
BABOON ID	Sex	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	TOTAL				
CON4	M	2				2		2			2	2		2					2							2				8				
WF5	M	2		2		2		2	2		2		2						2							2				9				
UnID Males	M					2		2				2,2	2,2,6	2					2							2				10				
UnID Females	F	2		2					2		2	2		2					2											7				
UnID Juveniles		2																												1				
UnId Individuals				2		2,6	2			2													2			2		2		7				
Troop																														0				
	%	TIME SPENT IN TOWN (Minutes)																										HRS						
Troop	0,0																													0,00				
Individuals	0,0																													0,00				
Roost:	AM	10	10	6	10	6	10	10	10	6	10	10	6	10	10	6	10	10	10	10	10	10	10	10	10	6	10	10	10	10				
Roost:	PM	10	6	10	6	10	10	6	10	10	6	10	10	6	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 4: The Waterfall Troop raid sheet for February 2019.

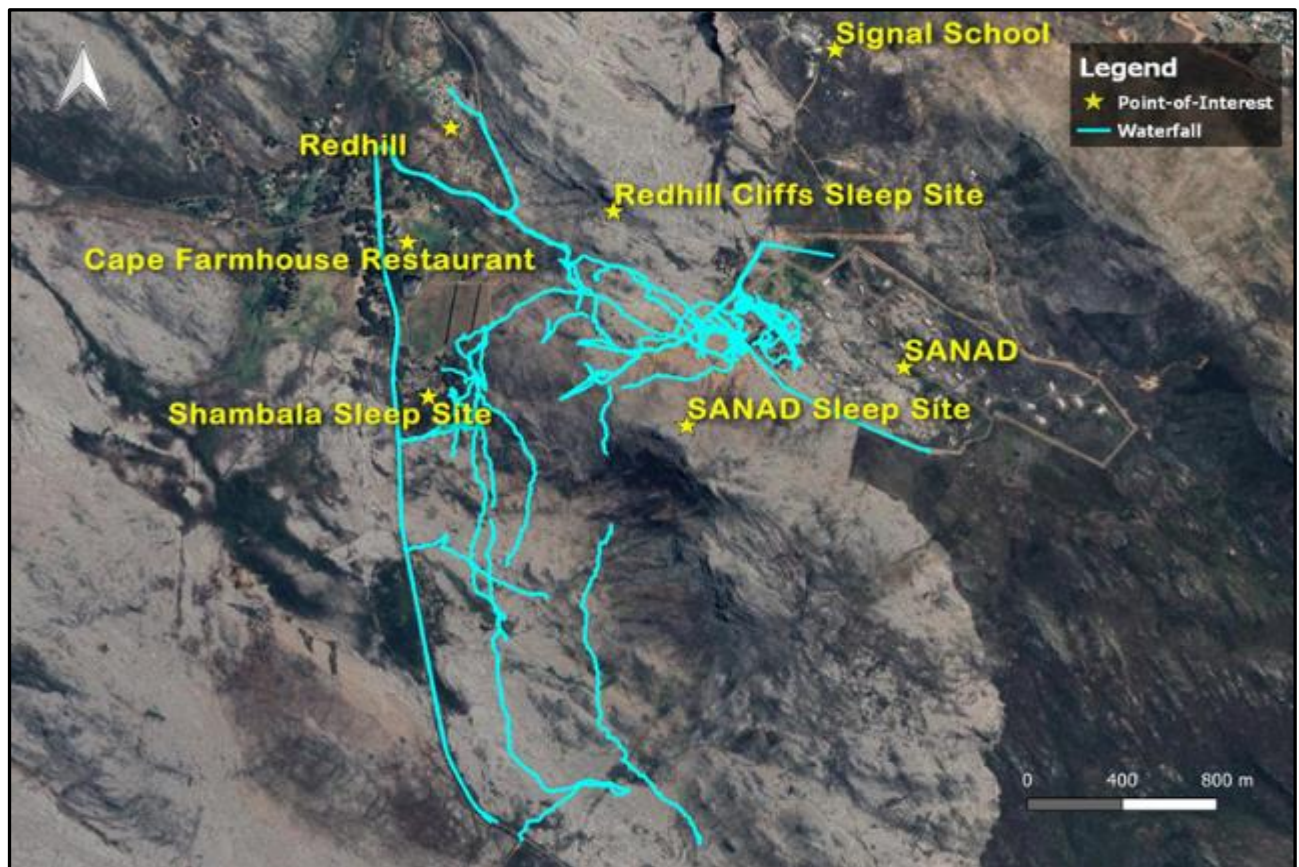


Figure 5: The Waterfall Troop's movements during February 2019.

3. DA GAMA TROOP

In Town Statistics

- Time out of town for the troop was 99.9% in February 2019, remaining consistent with January 2019.
- For individuals, however, time out of the urban area reduced substantially from 91.8% in January 2019 to 79.2% in February 2019. Just over 70 hours were spent in town by individuals during this month.
- The troop spent very few nights (2 nights, 7% of the month) out of town during February. Both 'out of town' nights were spent at the Maylands' sleep site.
- The troop spent the remaining 26 nights (93% of the month) sleeping in town, mainly at the Da Gama Park Naval flats, pine trees near the flats or near Crewsoe's Pub and Bar (Da Gama Park).

Incidents that affected management

DG18 and DG14 raids

- On 3 February, DG14 and six baboons entered Welcome Glen and two bins were raided in Glenoak Road.
- On 4 February, DG18 and three females were found in Welcome Glen and two bins were raided in Glenoak Road.
- On 7 February, DG14, DG18 and 10 females broke to Welcome Glen. DG14 raided a bin along the way and then, together with a female, raided a house in Glenoak Road, Welcome Glen.
- On 8 February, DG18 and a female broke to 2nd Avenue, Da Gama Park, where the female raided a house.
- On 9 February, DG14 was displacing DG18, resulting in DG18 and some females dispersing (five females broke into Da Gama on three occasions during this day).
- On 10 February, DG18 and one female broke the line and raided two bins in 5th Avenue, Da Gama Park.
- On 17 February, DG14 raided a house in Glenalpine Road, Welcome Glen. DG14 was apparently aggressive towards their dog but no altercation ensued.
- On 22 February, DG18 and three females broke into Welcome Glen and raided one bin in Glenoak Road, Welcome Glen.
- On 23 February, DG14, DG18, DGF1 and three juveniles broke to Welcome Glen. DG14 raided a house in Glenalpine Road, Welcome Glen.
- On 24 February, a hotline call indicated that DG14 had raided a house in Da Gama Road, Da Gama Park.

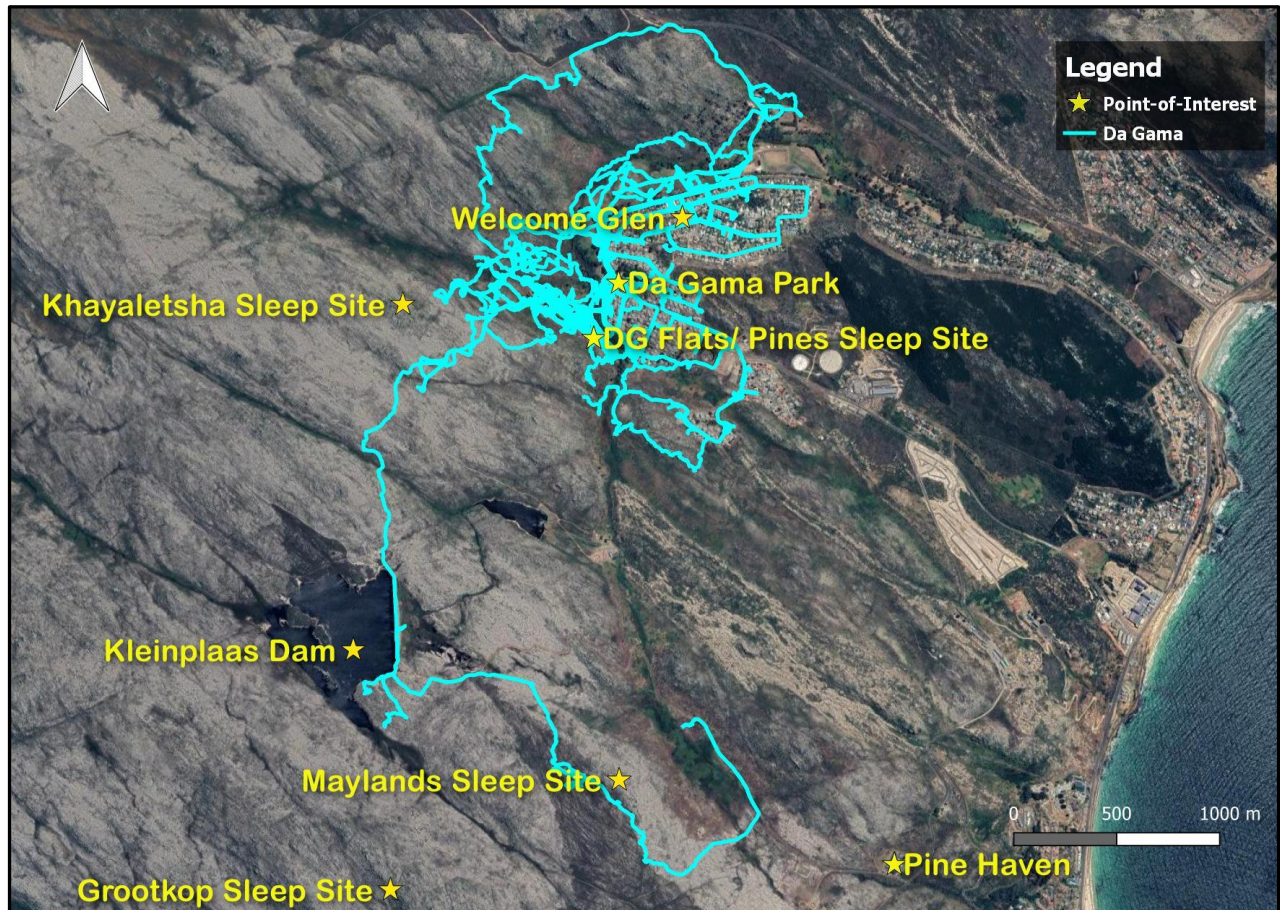


Figure 6: The Da Gama Troop's movement during February 2019.

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: FEBRUARY		YEAR: 2019		3	Non malicious damage								6	Raid occupied house or vehicle								9	Nocturnal Raiding																							
BABOON ID	Sex	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	TOTAL																
Troop			1																											1																
DG14	M			2				2,6							1			6					1	6	6	1				9																
DG18	M	1	1,1		2		1,1	1	1	1		2					1	1				1,1	2	1,1				1		18																
DGF1	F																							1						1																
DGF2	F																																													
DGF4	F																																													
UnID Females	F	1,1	1	1	2	1	1	1,6,1	1,2	1	1,1,1	1,1,1,1	1	1	1,1	1,1,1	1	1				1,1,1	2	1,1	1		1	2,1	1	40																
UnID Female	F	1				6		2	6	1,1		2				2,1		1					4	1,1			1,1			15																
UnID Individuals			1	2									1	1,1	1,1							1								8																
UnID Juvs																1		1						1			1			4																
	%	TIME SPENT IN TOWN (Minutes)																												HRS																
Troop	0,1		20																											0,33																
Individuals	21,8	300	133	219	86	190	130	295	48	190	395	150	315	40	65	358	155	230	0	0	0	0	75	90	257	87	5	177	70	155	70,25															
Roost:	AM	3,1	3,1	3,1	3,1	3,1	3,1	3,1	1,3	1,2	1,2	2	1,3	1,27	3	1,3	2	2,1	2,1,3	3	3	17	1,2	1,2	2,1	2,1	2	2,1	2	2																
Roost:	PM	3,1	1,2	3,1	1,2	1,3	1,2,3	1,2	1,2	2	2	8	8	1,3	1,2	2,1	2,1,3	3	17	17	2	2	8	2,1	2	2,1	2	1,2	1,2,3																	
Roost Sites		1	Flats								2	Pines - Flats								3	Pines - Da Gama								4	Pines - Welcome Glen								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							
		26	Blue Gums, Waterworks								27	Other																																		
ID Features of Baboons																																														
General remarks																																														

Figure 7: The Da Gama Troop raid sheet for February 2019.

DG14 and DG18 fighting

- DG14 and D18 continued to fight during February.
- On 1 February, DG18 was reported to not be using his back-left leg, but no visible injury was noted. By the following day, he was moving normally.
- One new born was seen in the Da Gama Troop on 2 February.
- On 10 February, DG18 had bitten DG14 on the right shoulder, the injury was not serious.
- On 13 February, DG18 and DG14 fought in the morning, however the fight was immediately stopped by the rangers.
- On 17 February, a hotline call reported that a sub-adult female had been attacked by a Pitbull in 12th Avenue, Da Gama Park. She was low in energy, reluctant to move and had not eaten anything while being monitored. She had a bald patch on her left shoulder, a small incision on her neck and had a bald patch at the base of her tail. She was monitored until 19 February, after which the rangers were unable to locate her for the remainder of the month.
- On 24 February, a fresh scar was seen on DG18's left shoulder but it subsequently healed.

Welcome Glen

- On 7 February, a hotline call indicated three females inside a property in Glenalpine Road, and two females in Glenoak Road.
- On 10 February, a hotline call indicated that two females had moved into Welcome Glen. They moved into the garden of a property in Glenalpine Road, where the resident requested that they not be disturbed while on their property.
- The 15 February was a busy day, with four females breaking to Welcome Glen, with a further five females and some juveniles joining them. One female raided a bin, one to two other females broke the line three times during the afternoon.
- A female baboon had an altercation with a small dog in Glenoak Road on 22 February. The dog and female baboon appeared to be fine after the incident.
- On 27 February, four females moved into Welcome Glen and raided two bins in Glenalpine Road.

Da Gama

- Residents of the Da Gama Naval Flats implemented a cleaning strategy for the bin-bays during February. Residents have been requested to donate a minimal monthly amount, to hire one or two people to clean the bin-bays as well as remove the bins from the bin-bays on bin day (Wednesday) each week. An improvement has already been noted in Kroonseil Flats (Figure 8 below) and it is hoped that this continues to improve going forward.
- On 5 February, one female went into a second-floor residence in Kroonseil Da Gama Naval Flats, where

it became trapped in the kitchen, before exiting out the front door.

- On 8 February, a female baboon and her baby raided the Bluefin Da Gama Naval Flats' bin-bay.



Figure 8: The bin-bay at the Bluefin Da Gama Park Naval Flats, overflowing with rubbish (a) and the cleaner Kroonseil Flats bin bay (b).

Births and Deaths

- One new born was seen in the Da Gama Troop on 2 February.

SOUTH EAST REGIONAL SUMMARY:

Births and Deaths

- One birth was recorded in South East during February 2019 in the Da Gama Troop.

Recommendations

- The **fruit which is visible on fruit trees should be harvested** in baboon-affected areas to remove this attractant for baboons.
- Open vegetable gardens** also attract baboons. Baboon-proofing of all domestic vegetable gardens in baboon-affected areas will reduce baboon incursions into the suburbs. Residents are therefore requested to baboon-proof their vegetable gardens.
- New baboon-proof bins** are required for many properties in Da Gama Park and Welcome Glen. This will reduce and prevent bin raids. The HWS community liaison officer is working with the CoCT waste department to negotiate for this to take place.
- The **bin-bays in Da Gama Park** need to be managed more effectively to reduce access of human derived foods to baboons.
- An **additional caged area has been found at the SA Navy's Kroonseil Flats** (Da Gama Park) which requires fixing and closing off. This will prevent residents using it as an additional waste storage area,

which the baboons can easily access.

- To reduce the number of raids in Da Gama and Welcome Glen, residents should take preventative measures and ensure that their **doors and windows are closed**, and that **no food is left in sight** of baboons.
- **Poor waste management at the South African Naval Armament Depot (SANAD) and the Waterfall Barracks** needs to be addressed to reduce the number of incidents occurring.
- **Waste and recycling** collection should be prioritised and collected in the early morning by CoCT waste collection service providers in baboon baboon-affected areas to avoid being an attractant to baboons.
- The **use of clear recycling bags** in baboon-affected areas should be re-evaluated as this remains an attractant for baboons.
- The installation of baboon-proof bins at the **West Yard, South African Navy docks** would assist in preventing baboon raids. Additional baboon-proofing at the **cafeteria at the West Yard** would similarly reduce baboon raids.
- Baboon raids at the **Waterfall Barracks** and **Happy Valley Shelter** would be considerably reduced if residents **closed doors and windows** when they left their rooms. Keeping all food out of the sight of baboons at all times would also reduce raiding.
- The **illegal use of paintball markers and pellet guns** by residents attempting to deter baboons from entering their property is rising in the South East. The roll out of an education campaign and a coordinated initiative involving law enforcement by stakeholder authorities is recommended.
- To prevent baboons from raiding, whilst still ensuring it is easily accessible for human customers, a solution is required for **the 'What's Ya Flava' café** in Simon's Town.
- The security gate on the outside kitchen door of the **Black Marlin** should always be kept closed and the bin room door should be kept bolted when not in use.

SOUTH WESTERN REGION – AREA MANAGER: CATH SHUTTE

1. GROOT OLIFANTSBOS TROOP (GOB)

In Town Statistics

- For the fifth 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 February.
- The GOB individuals spent 80,4% of their time out of the urban area this month.

HWS: TROOP MONTHLY REPORT																																									
SECTOR		CLASSES OF BEHAVIOUR																																							
SOUTH WEST		1	In urban area										4	Attacking pets										7	Threatening behaviour/attack/stealing food																
BABOON TROOP:	GOB	2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property																
MONTH: FEBRUARY	YEAR: 2019	3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding																
BABOON ID	Sex	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	TOTAL											
Unld Males	M																													0											
Females	F	1	1	1,5	1	1	1,2	1,5	1	1	1	1	1	1,6	1,5	1	1		1	1	1	1	1	1,2	6	1	1,2	1	1	34											
Unld Individuals																														0											
Juveniles																														0											
Troop																														0											
	%	TIME SPENT IN TOWN (Minutes)																												HRS											
Troop	0,0																													0,00											
Individuals	19,6	80	415	60	115	345	360	55	150	80	400	35	230	60	195	125	130		180	45	180	117	20	170	40	120	20	67		63,23											
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												
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												
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 9: The GOB Troop raid sheet for February 2019.

Incidents that affected management

14 Watsonia Road, Scarborough:

- On 21 February 2019, a point source attractant letter was delivered to a residence in Watsonia Road in Scarborough. There have been numerous reports of human derived foods being accessible at this residence in Watsonia Road, Scarborough.
- According to Regulation 42A of Provincial Notice (no.955 of 1975) as amended, to the feeding of baboons in a built-up area or public place is prohibited.

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 88,2% of time out of the urban area.
- The troop slept in the pine trees behind Ocean View for the majority of the month (79%) and on the Compass Cliffs Sleep Site for 21% of the month.

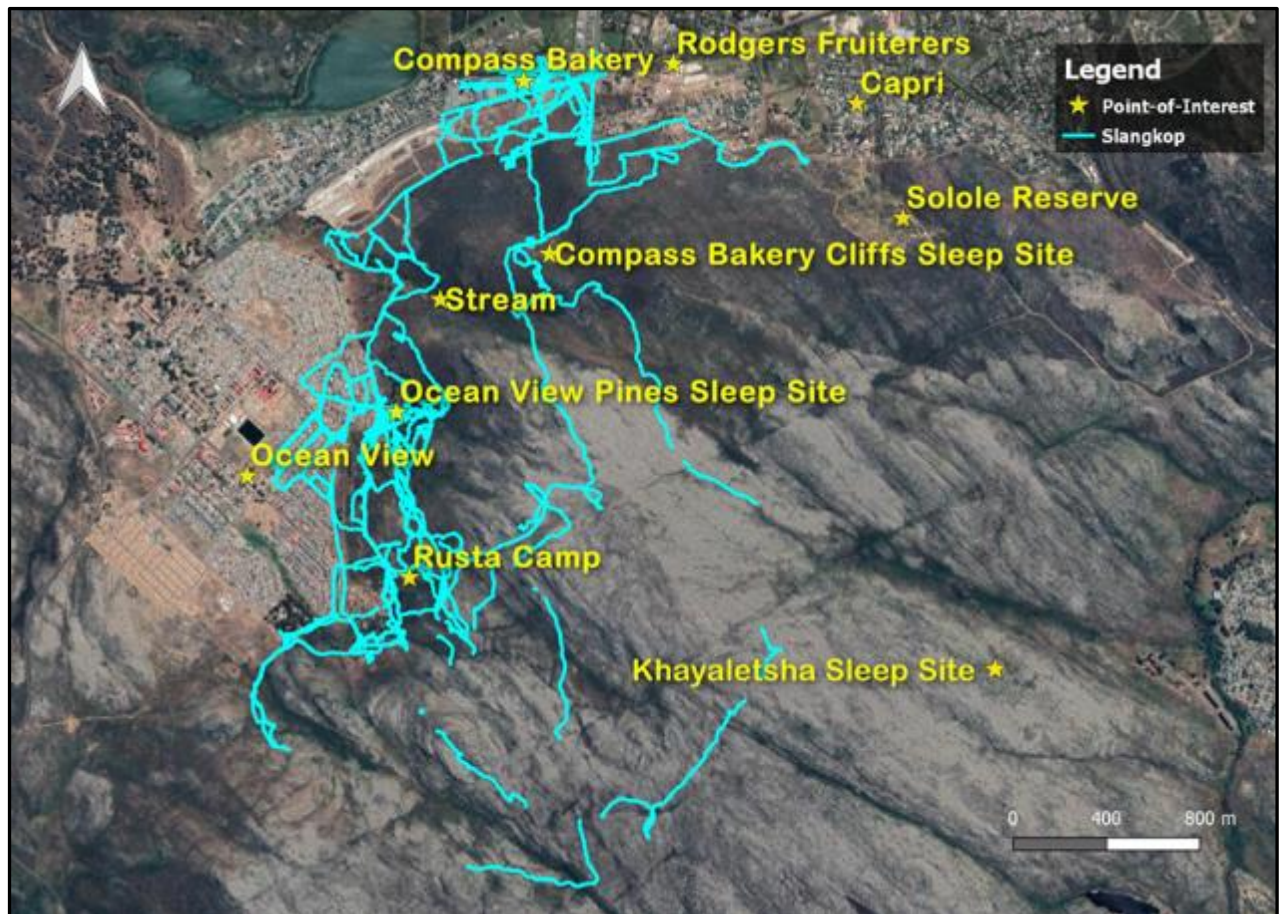


Figure 10: The Slangkop Troop's movements for February 2019.

Incidents that affected management

Fruit Trees:

- Individual baboons were attracted to the many fruit trees in Ocean View, Capri, De Oude Weg and Capri this month.
- Fruiting trees attracted baboons into the urban area.
- The baboons entered Ocean View on 24 occasions and Capri on two occasions.

In2 Foods and Heron Park:

- Individual baboons moved through In2Foods Compass Bakery on six occasions and Heron Park on two occasions.
- Bins at In2Foods Compass Bakery were raided on two occasions this month.

HWS: TROOP MONTHLY REPORT																															
SECTOR		CLASSES OF BEHAVIOUR																													
SOUTH WEST		1	In urban area											4	Attacking pets						7	Threatening behaviour/attack/stealing food									
BABOON TROOP:	Slangkop	2	Raid bins											5	Raid unoccupied house or vehicle						8	Breaking & Entering/Damaging property									
MONTH: FEBRUARY	YEAR: 2019	3	Non malicious damage											6	Raid occupied house or vehicle						9	Nocturnal Raiding									
BABOON ID	Sex	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	TOTAL	
SK6	M	1	1					1	1	1	1					1	1		2,1				1	1,2,2						14	
UnID Males	M	1,1	1	1,2		1	1	1,5	1	1	1				1,1	1	1	1	2,1	1	2		1	1,2	1	1				26	
UnID Females	F	1,1		1		1	1	1,5	1	1	1				1,1	1	1	1	2				1	1,2,2	1	1				22	
UnID Juveniles																			1		1									2	
UnID Individuals								1			1		1				1		2			1					1	2	2,2	10	
Troop																														0	
	%	TIME SPENT IN TOWN (Minutes)																												HRS	
Troop	0,0																													0,00	
Individuals	11,8	184	30	135		55	30	374	90	53	230		30		110	57	101	20	229	75	43	14	45	210	26	53	20	11	57	38,03	
Roost:	AM	3	3	2	3	2	2	2	2	2	2	3	2	3	3	2	2	2	2	3	2	2	2	2	3	2	2	2	2		
Roost:	PM	3	2	3	2	2	2	2	2	2	3	2	3	2	2	2	2	2	3	2	2	2	2	3	2	2	2	2	2		
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 11: The Slangkop Troop's raid sheet for February 2019.

Births and Deaths

- Two births were recorded in the Slangkop Troop this month, on 11 February and 24 February respectively.
- No deaths occurred in the Slangkop Troop this month.

SOUTH WEST REGIONAL SUMMARY:

Births and Deaths

There were two births in the South West this month, in the Slangkop Troop and no deaths occurred in the South West this month.

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 97.31 %.
- The troop slept mostly at the SANParks' Tokai Picnic Site Sleep Site during February 2019.

Incidents that affected management**Baboon incursions and raids**

- The female baboon that fell out of the tree on 24 January has recovered well, and is using her right hind leg and has been seen moving with the troop.
- On 4 February, a few individuals ran towards the Cape Academy and raided.
- On 7 February, a few individuals ran towards Bloekom Laan and Cape Academy.
- On 15 February, a few individuals entered Zwaanswyk residential area through porcupine holes under the Zwaanswyk fence.
- On 16 February, a few individuals crossed Orpen road and an unidentified male raided a grape stall next to the Stone church.
- On 19 February TKF7 and a few unidentified individuals entered Forest Glade.
- On 28 February a few individuals crossed Orpen road.

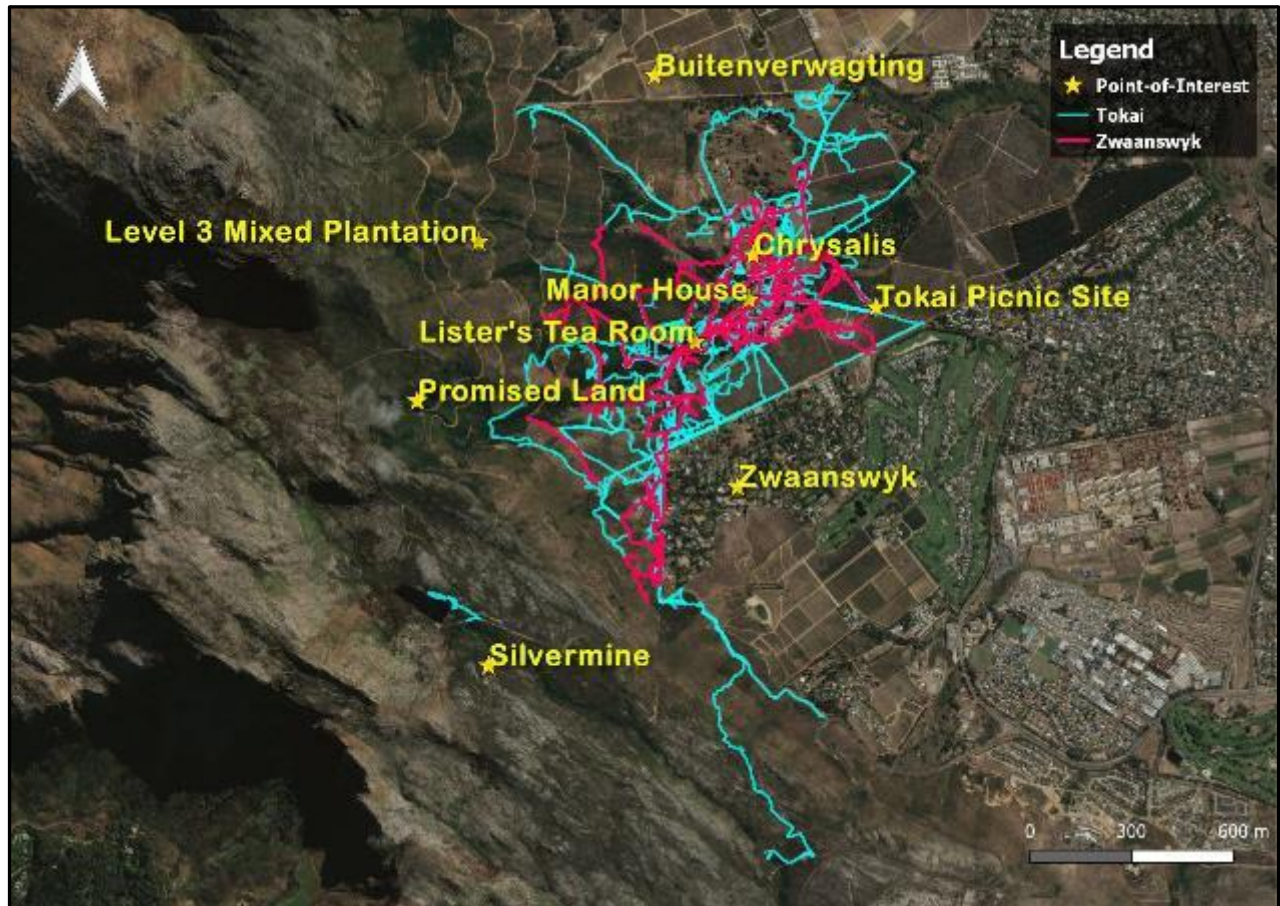


Figure 12: The Tokai & Zwaanswyk Troop's movements during February 2019.

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: FEBRUARY		YEAR: 2019		3	Non malicious damage										6	Raid occupied house or vehicle										9	Nocturnal Raiding						
BABOON ID	Sex	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	TOTAL			
MT 8 (G-W) VHF collar	M																																
MT13 (Y-W)	M																																
TKF7	F																			1										1			
TK54 (R-R) GPS collar	F																																
UnID Male	M																																
UN ID female	M															7												1		2			
Un ID individuals	F				2			1								1	1			1										5			
Troop																																	
	%	TIME SPENT IN TOWN (Minutes)																										HRS					
Troop	0,0																													0,00			
Individuals	0,9				15			15								60	15			60								10		2,92			
Roost:	AM	6	6	1	1	6	6	6	6	6	1	5	5	6	1	1	1	3	5	1	5	1	1	1	1	5	2	5	5				
Roost:	PM	6	1	1	6	6	6	6	6	1	5	5	6	1	1	1	3	5	1	5	1	1	1	1	5	2	5	5	1				
Roost Sites		1	Tea Garden					2	Upper Tea Garden					3	Manor House Pines					4	Picnic Site 1					5	Picnic Site 1						
		6	Picnic Site 3					7	Tokai Bridge					8	Mikes Stables Pines					9	Chrysalis Gums					10	Laundry Site						
		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 13: The Tokai Troop's raid sheet for February 2019.

Tagging and Collaring

- On 19 February, TK54 an adult male from the Tokai Troop was captured, tagged and fitted with a GPS collar.

Births and Deaths

- On 5 February, 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 94.92%
- The troop mostly slept at the Picnic Sleep Site during February 2019.

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: FEBRUARY	YEAR: 2019	3	Non malicious damage												6	Raid occupied house or vehicle												9	Nocturnal Raiding											
BABOON ID	Sex	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	TOTAL										
TK53 (Orange-Y)	M			7				5								2				2				1	7,7					7										
TKF5	F																								1					1										
Un ID Male	M															2														1										
Un ID Females	F			7				5	6					1		2		7		2				1	1					9										
Juveniles								5												1										2										
Troop																																								
	%	TIME SPENT IN TOWN (Minutes)																										HRS												
Troop	0,0																													0,00										
Individuals	1,6								75					30		65				75				20	40					5,08										
Roost:	AM	8	5	5	1	5	5	3	3	4	5	5	5	3	3	1	1	1	4	2	4	2	1	1	2	2	2	5	5											
Roost:	PM	5	5	1	5	5	3	3	4	5	5	5	3	3	1	1	1	4	2	4	2	1	1	2	2	2	5	5	1											
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 site													
		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 14: The Zwaanswyk Troop's raid sheet for February 2019.

Incidents that affected management

Baboon incursions and raids

- On 3 February, TK53 and an unidentified female entered the SANParks' Tokai Picnic Site and raided an occupied picnic table.

- On 7 February, TK53, an unidentified female and three juveniles entered the Daisy Hostel at the Chrysalis Academy through an open door, grabbed food and left the building.
- On 8 February, an unidentified female entered Zwaanswyk via the Zwaanswyk security hut. She raided an occupied house.
- On 13 February, an unidentified female ran towards the Cape Academy. No raids were recorded.
- On 15 February, TK 53 and a few unidentified individuals entered Forest Glade.
- On 17 February, an unidentified female raided an occupied table in the SANParks' Tokai Picnic Site.
- On 19 and 23 February, TK53 and a few individuals entered Forest Glade.
- On 24 February, TK53 raided two occupied tables in the SANParks' Tokai Picnic Site.
- On 24 February, TKF5 and an unidentified female crossed Orpen Road and ran towards Dennedal Road and spent 40 minutes in town.

Births and Deaths

- Two infants were identified in the Zwaanswyk Troop. One was born on 5 February and the other on the 22 February.
- No deaths occurred in the Tokai Troop this month.

3. CONSTANTIA TROOP 1 (CT1)

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 100%.
- The troop mostly slept at the Bike Trails sleep sites during February 2019.

Incidents that affected management

- No incidents to report that affected management.

Births and Deaths

- On 7 February, a dead infant was identified in the CT1 Troop. Cause of death was as a result of infanticide by an untagged male.



Figure 15: The Constantia 1 Troop's movement for February 2019.

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 Buitenverwagting Gums Sleep Site during February 2019.

Incidents that affected management

- The CT2 troop moved and slept with both CT1 and Mountain Troop's throughout the month.

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 sleepsite during February 2019.

Incidents that affected management

The death of MT12

- On the 21 February 2019 staff on Buitenverwachting alerted HWS staff to a dead male baboon (MT12) which was found in a state of decomposition of about three to five days old. An autopsy report revealed 12 shotgun pellets and three air rifle pellets but due to the state of decomposition the autopsy was not definitive. The information on this animal was handed over to Cape Nature.

Births and Deaths

- On 5 February, an infant was identified in the Mountain Troop.
- On 21 February MT12 was found dead on Buitenverwachting.

NORTH REGIONAL SUMMARY:

Births and Deaths

- On 5 Feb there was one new born infant in the Tokai troop.
- On 5 Feb there was one new born infant in the Mountain Troop.
- On 8 Feb there was one new born infant in the Zwaanswyk troop and on 22 Feb one new born in the Zwaanswyk Troop.
- On 7 February, an infanticide occurred in CT1.
- On 22 February MT12 was found dead on Buitenverwachting.

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 and broken bins needs to be replaced.
- The **electrified perimeter fence** at the **SANParks' Tokai Picnic Site** should be **upgraded and maintained** on a regular basis, to prevent baboons from entering the picnic site to raid.
- **Regular maintenance and upgrades to electrified perimeter fences on wine estates and other areas** will reduce baboon incursions. **Regular trimming and removal of overhanging trees** and closing of

excavations would also reduce baboon access to farms and residential areas.

- Measures such as storing food in secure areas will reduce the amount of human derived foods (HDF's) available to baboons, and this should reduce the level of raiding at **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

Community Conservation Officer's Monthly Feedback for February 2019:

- A meeting was held with **SA Navy** representatives on **8 February** to discuss baboon point-source attractants on SA Naval ground in Simon's Town and Da Gama Park areas.
- HWS representatives met with **Ward Councillor Liell-Cock** on **12 February** to discuss point-source attractants on the South Peninsula and to brainstorm solutions for particular human-baboon conflict hotspots.
- **Baboon Awareness pamphlets** were delivered to all households in **Smitswinkel Bay** on 5 February. Illegal dumping has become a problem at the Smits layby, from which baboons are accessing food waste. This matter was addressed in the informational pamphlet.
- The **Millers Point Picnic Site** was visited on **21 February** to check on waste management. There are numerous issues regarding the waste management at this site that require continual attention. Bins are not secured to poles and weekend picnickers do not consistently dispose of rubbish in the lockable bins.
- HWS met with the CoCT Health Inspector at **Black Marlin Restaurant** on **21 February**. The restaurant is regularly raided by baboons. Two issues were concerning to the health inspector. Suggestions were made to management to rectify these concerns.
- **Baboon Awareness pamphlets** were dropped at the Tourism Info Centre in **Simon's Town** on 21 February.
- **Residential visits** were conducted in **Capri** and **Sunnydale** on 5 February, in **Welcome Glen** and **Da Gama Park** on 8 and 25 February, in **Tokai** and **Zwaanswyk** on 11 and 14 February and in **Misty Cliffs** on 20 February. Several houses were visited that have been reported to have a baboon attractant on the property. Possible ways to mitigate such attractants on the premises were discussed with residents.
- **Baboon Awareness pamphlets** were distributed to all households in **Pine Haven** on 27 February.

- A site visit was conducted at **In2Foods** in Heron Park on **27 February** to check up on waste management. One issue was addressed with management.
- A site visit was conducted at **Diva Foods** in Heron Park on **27 February** to check up on waste management after reports of bin raids by baboons. A baboon-proof bin application form was sent through to management.
- Site visits were conducted at three **Scarborough restaurants** on **27 February**. All waste was secured sufficiently with no attractant points to be found.
- Additional **Baboon Awareness pamphlets** were distributed outside the Greeff offices along Main Road in **Scarborough** on 4 February.
- **Baboon Awareness pamphlets** were given to KEAG for distribution in **Kommetjie** and dropped off at **Imhoff's Gift Farmstall** on 5 February.
- Additional **Baboon Awareness pamphlets** were distributed to a wider area of **Capri** on 5 February. This was in addition to the pamphlet drop carried out in October 2018 in the area.
- HWS representatives met with **Neighbourhood Gardens** at Ocean View High School on **8 February** to discuss the risk of baboons raiding food gardens that are not protected by electric fencing or a secure cage. Other gardens of concern in baboon-affected areas are those at Kommetjie Primary School and Marine Primary School, also in Ocean View.
- A **Baboon Awareness educational session** was conducted at **Kleinberg Primary School** in Ocean View on 11 February. Two sessions were held, the first with Grades 1-3 and the second with Grades 4-7.
- A site visit was carried out on **11 February** to **Rodgers Fruiterer** in Sunnysdale to check on waste management. Bins are not baboon-proofed, are still not secured and the bin lids were left open with rotten fruit easily accessible. The matter was addressed with management and a baboon-proof bin application form was sent through.
- 1000 Baboon educational awareness pamphlets were distributed in Ocean View on 20 February.
- A **Baboon Awareness educational session** was conducted at **Marine Primary School** in Ocean View on 27 February with the Grade 3s.
- On 1 February **Baboon Awareness pamphlets** were delivered to **Steenberg Estate** for resident education.
- A **Baboon Awareness talk** was conducted on 27 February at **Chrysalis Academy** with 18 student instructors. A site check to assess waste management was also conducted. No issues were found, the waste areas had just been cleared.
- A site visit to **Tokai Picnic Site** was carried out with the SANParks Section Ranger on **1 February** to check weak points along the fence where baboons have gained access and to assess waste management around the site. **Baboon Awareness posters** were also printed and delivered to the picnic site for visitor education.
- On **11 February** donated fencing was delivered to the **Cape Academy of Maths, Science and Technology** to assist with repair of the damaged bin cage at the bottom of the school grounds.

- On **27 February** a site visit was conducted at **Cape Academy of Maths, Science and Technology** to check on waste management. The kitchen gates were open with bread easily available inside. This was addressed with the kitchen staff immediately. Fruit trees remain onsite, despite communications with the Principal.
- The **undergrounding and insulating of electric lines** within baboon habitat are currently under investigation by the CoCTs Electricity Department. The procurement procedure for insulation covers and the costing of underground lines is underway. 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 February 2019, there were seven births and two deaths in the managed population. MT12, an adult male in the Mountain Troop was found dead on Buitenverwagting. The carcass was sent for an X-Ray, which indicated multiple pellets lodged in various parts of his body. On 7 February, an untagged male from the CT1 Troop attacked and killed an infant.

It is interesting to note that in the southern managed sub population the number of births since July 2018 more or less equals the deaths, suggesting a stable population. However, in the northern sub population there have been more than twice as many births as deaths (28 vs 12) since July 2018. This suggests a growing sub population in the north.

TROOP	END JUNE TOTALS						FEBRUARY 2019			Total Births (1 July 2018 to date)	Total Deaths (1 July 2018 to date)	Total Migrations (1 July 2018 to date)
	2013	2014	2015	2016	2017	2018	Births	Deaths	Emigration / Immigration			
Da Gama	42	43	46	52	52	55	1	0		4	5	
Smitswinkel	21	22	24	29	33	35	0	0		0	3	
Waterfall	28	29	31	33	37	40	0	0		1	3	+1
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		4	2	
SUB TOTAL	165	169	161	183	185	203	3	0		11	13	
Zwaanswyk	28	28	30	28	30	20	2	0		5	2	-4
Tokai	64	70	62	65	69	75	1	0		11	5	+4
Mountain	41	47	49	47	57	60	1	1		5	4	-2
CT1	70	69	77	81	63	46	0	1		5	1	+1
CT2					22	10	0	0		2	0	+1
SUB TOTAL	203	214	218	221	241	211	4	2		28	12	
TOTAL	368	383	379	404	426	414	7	2		39	25	

Table 1: Population data for the eleven managed troops on the Cape Peninsula in February 2019. Emigration/Immigration figures show animal movements between troops and are accommodated in the troop population totals.

Deaths	January to December Totals							FEBRUARY 2019	TOTAL 1 July 2018 to 31 Jan 2019	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	1	7	61
Direct **	8	6	6	8	4	3	5	1	4	44
Indirect ***	0	1	4	3	3	3	0	0	3	17
Natural	7	30	19	33	16	28	11	1	13	157
PLOHP****							7	0	0	7
Unknown	1	3	0	4	7	13	10	0	5	43
TOTAL	33	56	37	55	37	59	28	2	25	337

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 February 2019, a total of 142 calls were received to the Baboon Hotline, 113 of which were from managed areas. This is a decrease of 10 calls from last month (January 2019). The most noticeable increase in calls can be seen in Welcome Glen, 35 calls, an increase of 32 calls. This increase can be attributed to individuals from the Da Gama Troop who frequently moved through the urban area this month. There was a pleasing reduction in calls from Capri, Zwaanswyk and Constantia this month. However, there was an increase in calls from the Tokai area due to individuals who moved to Forest Glade, Steenberg Golf Estate and to the Cape Academy.

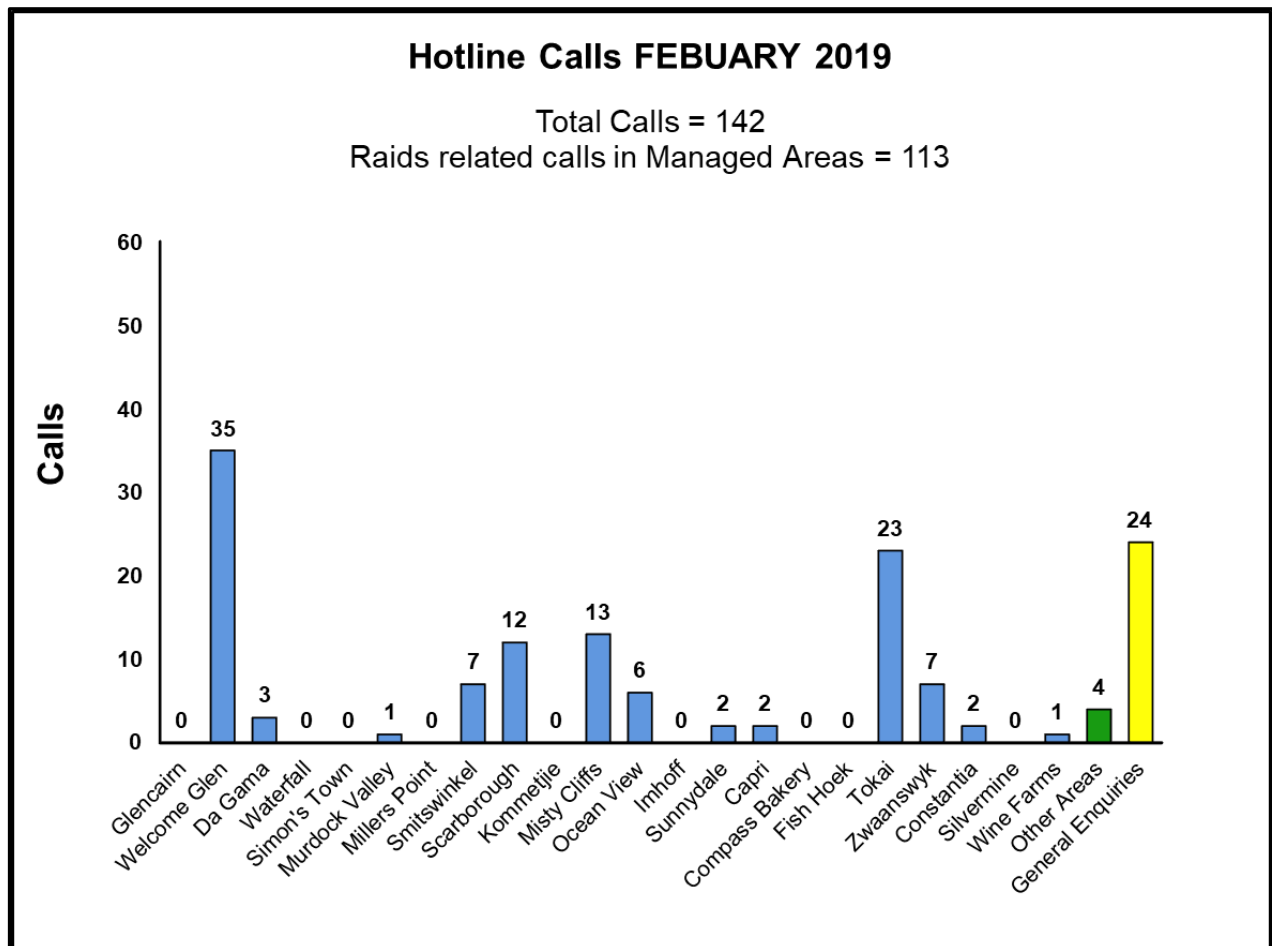


Figure 16: Hotline calls summary per urban area for January 2019. Raid related hotline calls are calls reporting managed baboons in urban areas. Managed Areas are those areas in which managed baboon troops raid. Other Areas, represent those areas beyond the urban edge or the range of managed baboons.

This month, 80% of all raid-related hotline calls were for baboons being within the urban area. Of the remaining raids, 16% were assertive raids and 4% were bin raids. The number of calls related to occupied house raids increased this month. Most of these occupied house raids occurred in in Welcome Glen, Zwaanswyk and Misty Cliffs. These raids were all by individuals or small groups of individuals.

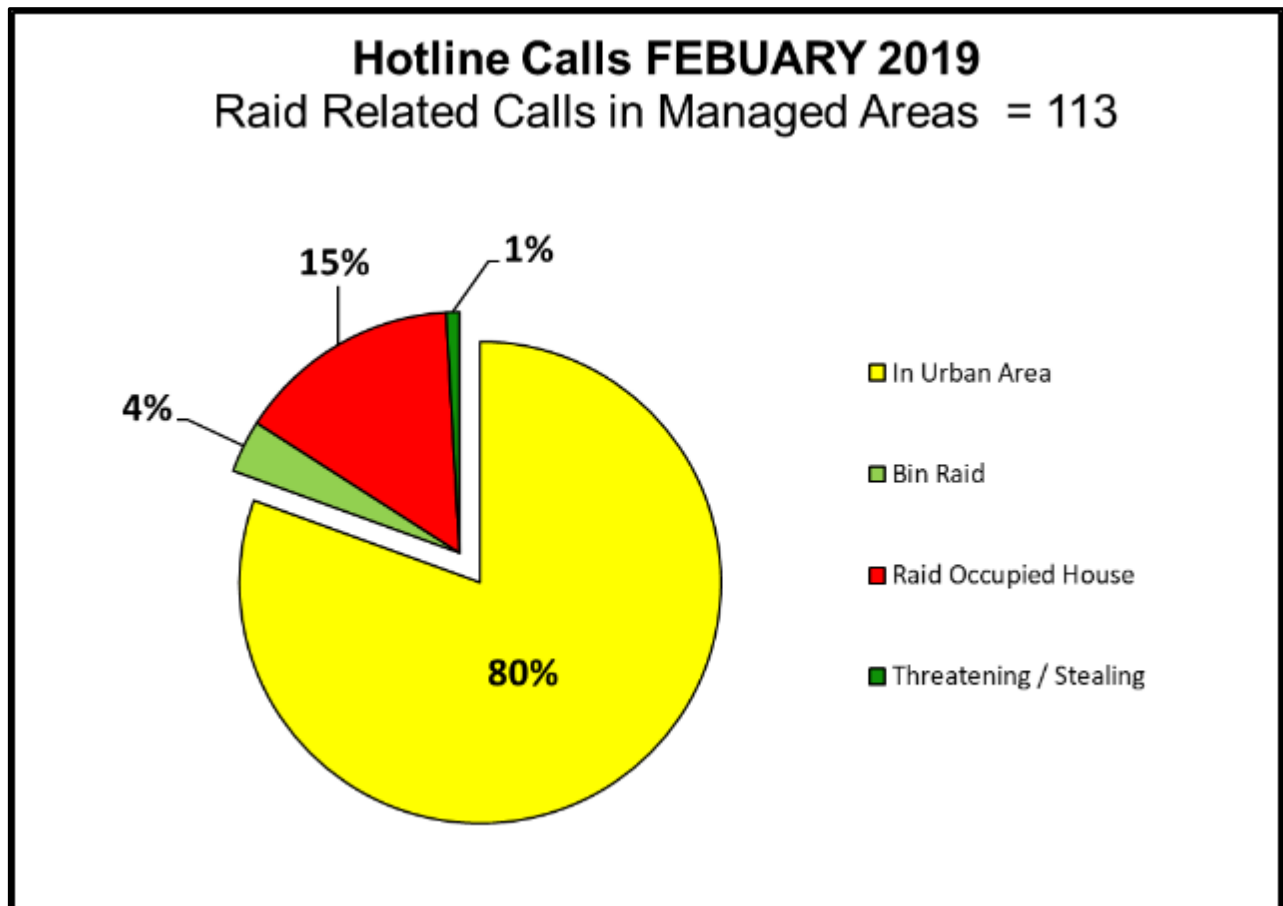


Figure 17: Composition of raid-related hotline calls during February 2019.

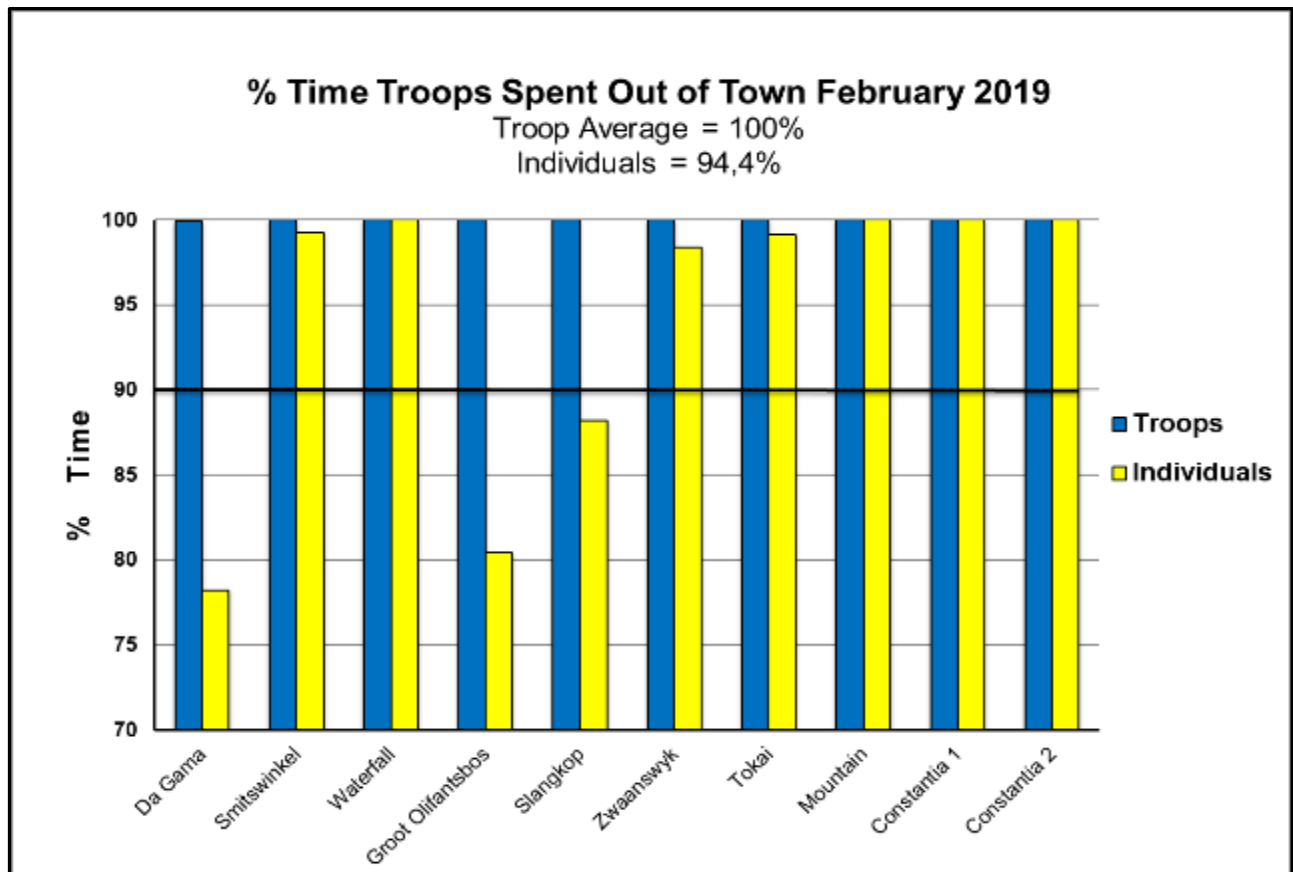


Figure 18: Percentage time troops spent out of town during February 2019. The solid line at 90% indicates the CoCT's current contract requirement.

3. PERCENTAGE TIME OUT OF TOWN

The percentage time the troops spent out of town in February 2019 was 99.9% (all troops were 100% except Da Gama, which was 99.9%). Unfortunately, there was a decrease in the time individuals spent out of town, dropping from 95.4% in January to 94.4% in February. This decrease can be attributed to increased raiding by certain individuals in the Da Gama Troop, particularly DG14, DG18 and several unidentified females.

E. CONCLUSION

Over the past few months, dispersing males or fights between males have hugely affected human wildlife conflict on the Peninsula. Last month the alpha male SWB10 was apparently shot, and died, after regularly raiding in Smitswinkel Bay. This behaviour seemed to be a result of having regular fights with the dispersing male PR3. This month the dispersing male MT12, who had only recently settled back into the Mountain Troop, was apparently shot, and died, after extensive raiding on the wine farms.

The adult males DG 14 and DG18 have been fighting each other for many months, with the loser often going back to town to raid, and often taking one or several females with them. Unfortunately in most areas there is still an abundance of human derived foods readily available, if some baboons decide to raid town. Thus, there is always an incentive for baboons to raid town, and unfortunately just something like fighting for dominance might trigger raids to town. In the past two months this trigger has led to two strong adult males losing their lives. It would be most unfortunate if this same trigger led to either DG14 or DG18 losing their lives. Not growing, or allowing trees to fruit in these areas, properly securing bins and locking baboons out of establishments which produce or store food, would help immensely in saving baboons from becoming collateral damage.

Dr Phil Richardson

HUMAN WILDLIFE SOLUTIONS (PTY) LTD