



Photo: Cath Shutte

Human Wildlife Solutions

Monthly Report

June 2019

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A. INTRODUCTION

This monthly report covers the period from 1 to 30 June 2019. The height of winter continued to be wet and cold. Despite this, the percentage time out of town for troops remained high at 99.6%, while individuals' time out of town was significantly lower, but still at 93.3%.

As specified by the City of Cape Town tender (awarded in July 2017), the annual census/ground count was conducted by HWS. The counts were conducted from May to June to determine the number of baboons in each troop. The counts are conducted according to the specifications outlined in the baboon management tender, and follows the City of Cape Town's financial year, from July to June.

B. BABOON MANAGEMENT AND RAID REPORTING

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

1. SMITSWINKEL BAY TROOP

In Town Statistics

- There was a significant increase in time spent out of town for the Smitswinkel Bay Troop from 96,9% in May 2019 to 100% in June 2019.
- Individuals time spent out of town also increased significantly this month from 85,3% in May 2019 to 95,4% in June 2019.
- The Smitswinkel Bay Troop utilised its northern sleep sites for 67% of the month, the southern sleep sites for 30% of the month and the remainder (1 night) on the cliffs above Murdoch Valley north.

Incidents that affected management

Black Marlin

- Baboons visited the restaurant on four occasions this month and managed to gain access to the kitchen, waste and/or food from tables on each visit.

SWB12

- SWB12, an adult male natal to the Smitswinkel Bay Troop, who dispersed to the Waterfall Troop in May 2019, returned to Murdoch Valley North on 12 June 2019 (SWB12 was erroneously referred to as SWB11 in the May 2019 Monthly Report).

- The male moved around Murdoch Valley and Froggy Farm and was responsible for three occupied house raids on that day alone.
- Over the following two weeks, SWB12 moved with the Smitswinkel Bay Troop. However, on 29 June 2019, SWB12 moved away from the Smitswinkel Bay Troop, which was foraging at Partridge Point, and moved to Castle Rock.
- While at Castle Rock, SWB12 approached a resident who was in their garden. The baboon moved towards her and jumped onto her back, knocking her to the ground. SWB12 then chased after the resident as she ran into the house. He gained access to the house and raided the kitchen, stealing food.
- Luckily no one was injured during this incident.

Murdoch Valley

- The number of occasions that baboons entered Murdoch Valley decreased from 15 occasions in May to only one occasion in June.

Virtual Fence

- On 7 June 2019, the virtual fence was implemented on the southern side of Murdoch Valley.
- The initial phase of the project has been positive and, together with HWS rangers on the ground, lead to a decrease in baboon presence in Murdoch Valley.

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: June	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	29	30	TOTAL		
SWB6	M																																	
PR3	M						2				1		6		6	1						1	2	1	6						1	10		
SWB12	M												6,6,6																	6,7,7		6		
UnID Males	M																															0		
UnID Females	F																															0		
UnID Juveniles																																0		
UnID Individuals								2			6																					2		
Troop																																0		
	%	TIME SPENT IN TOWN (Minutes)																														HRS		
Troop	0,0																															0,00		
Individuals	4,6						86	35			140		243		30	5						90	15	10	30					185	21	14,83		
Roost:	AM	6	5	6	1	7	1	5	5	6	5	8	6	4	2	5	6	1	1	6	5	6	4	5	4	5	1	4	4	2	1			
Roost:	PM	5	6	1	7	1	5	5	6	5	8	6	4	2	5	4	1	1	4	4	6	4	5	6	5	1	4	4	2	1	5			
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	Murdoch Valley Cliffs					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 June 2019.

Births and Deaths

No births or deaths were recorded for the Smitswinkel Bay Troop during June 2019.

2. WATERFALL TROOP

In Town Statistics

- The Waterfall Troop spent 100% of its time out of the urban area this month.
- Individuals spent 93,1% of their time out of the urban area this month.
- 58% of raids, took place on South African Navy properties and 41% of raids occurred in the urban area.
- The Waterfall Troop predominantly slept on the Waterfall Cliffs Sleep Site (83%) and on the mountain behind the South African Naval Armament Depot (SANAD) (13%) this month. The remainder was spent on North Peak (3%).

Incidents that affected management

The South African Navy: Simon's Town

- The majority of the raids took place on Navy land again 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) was a severe problem at all naval facilities, but at Waterfall Barracks and Admiralty House in particular.
- Individuals raided bins at Navy facilities on 39 occasions this month.
- Occupied and unoccupied rooms were raided on 14 and 5 occasions, respectively.

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: June	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	29	30	TOTAL		
CON4	M				2		2				1							1	2	2		1	2						2			9		
WF5	M				2				1	1	1			2			1							2					2	2		9		
SWB12	M		1,5,6	2	2,6,6	2,1,6	2,6	1	1,6	1,6,6,6,6	6,6,6,6	5		2										2								26		
UnID Males	M							1								2		1,2			1	2	2		2						1	9		
UnID Females	F				2		2,2	2				2							2										2	2		8		
UnID Juveniles																																0		
Unid Individuals			2,6,6	1	2	2	2,2,6	2,6				5,2	1	6,2,2	1	2,1	5,6,2	6	2,2,1	5,6		2			2			2	2,6	2	1	5,6,2	40	
Troop																																0		
	%	TIME SPENT IN TOWN (Minutes)																														HRS		
Troop	0,0																														0,00			
Individuals	6,9		15			46	30	30	85	55	165	310	50	90	45	84	15	75	20	70	10	27	20						32	65	22,32			
Roost:	AM	10	1	1	10	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	15	1	1	1	1			
Roost:	PM	1	1	10	10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	15	1	1	1	1	1			
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	Sharnballah 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 June 2019.



Figure 3: (a) Non-baboon-proof bins at the Naval dockyard in Simon's Town, (b) An adult male raiding the bins at the Naval dockyard, (c) poor waste management at the Waterfall Barracks and (d) poor waste management at Admiralty House in Simon's Town.

SWB12

- On 24 May 2019, SWB12, an adult male from the Smitswinkel Bay Troop, moved towards Waterfall Troop as they foraged above Simon's Town.
- SWB12 then spent the following 18 nights with the Waterfall Troop.
- While with the Waterfall Troop, SWB12 was responsible for 21 raiding incidents.
- SWB12 raided bins on five occasions, unoccupied houses or rooms on two occasions and occupied houses on 14 occasions.
- SWB12 was also responsible for chasing the Waterfall Troop back to Simon's Town from SANAD mountain on 5 June 2019.

Births and Deaths

- No births or deaths were recorded in the Waterfall Troop in June.

3. DA GAMA TROOP

In Town Statistics

- Time out of town for the troop was 97.1% in June 2019.
- For individuals, time out of the urban area this month was 88.4%. Just over 37.4 hours were spent in town by individuals during the month.
- The troop spent 5 nights out of town in June (17% of the month) compared with 6 nights in April 2019. The troop slept at the Dagleish pine trees near the Da Gama Park Naval flats for 60% of this month.

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: JUNE			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	29	30	TOTAL			
Troop						2,5	1,2							1															2	1,2	8				
DG14 (O-G)	M		6														7		1						1,1				1		6				
DG18	M	2,6	1		1																										4				
DGF1	F																		1												1				
DGF2	F										1																				1				
DGF4	F																														0				
UnID Females	F		1,1		1	1	1	1	1,1,1		1	1,1,1		1	1		1,1		2,1			1	1		1				1		23				
UnID Female	F		1						2								1				1				1						5				
UnID Individuals			1														5,1		1		1				6				1		7				
UnID Juvs			1		1	5	1	1	1		1			1			1				1				1	1					11				
	%	TIME SPENT IN TOWN (Minutes)																												HRS					
Troop	2,9					65								45															215	235	9,33				
Individuals	11,6	55	184		145	22	109	175	126		199	95		27	15		234		202		127	110	165		198				55		37,38				
Roost:	AM	2,1	2	27	2	2	3	2	3	2	3	3	27	2	2	2	2,3	2	2	27	2	2	3	2,1	2	2,28	17	20	3	2,3	2				
Roost:	PM	2	27	2	2	3	2	3	2	3	3	27	2	2	2	2	2	2	27	2	2	3	2	2	2	17	20	3	3	2	2				
Roost Sites					1	Flats				2	Pines - Flats				3	Pines - Da Gama				4	Pines - WG				5	Sport Fields Stables									
					6	Compass Bakery				7	Pines - Outspan				8	Jacks Shop				9	Elsie's Peak				10	Rotary Camp									
					11	Witsand				12	Slangkop				13	Platkop				14	Rasta Camp				15	Ocean View									
					16	KL sleep site				17	Maylands				18	Elsies River Valley				19	Red Hill / Windford				20	Grootkop									
					21	16th Avenue, DG				22	Lewis Gay Dam				23	Pinehaven				24	Kleinplaas Dam				25	Scarborough									
					26	Blue Gums, Waterworks				27	Solole				28	Other																			
ID Features of Baboons																																			
General remarks																																			

Figure 4: The Da Gama Troop's raid sheet for June 2019.

Incidents that affected management

DG18 and DG14

- On 1 June, DG18 raided bins in 4th and 2nd Avenues, Da Gama Park.
- On 1 June, DG18 entered Welcome Glen and raided an occupied house in Glenalpine Road.
- On 2 June, DG14 raided an occupied house in Glenalpine Road, Welcome Glen.

- On 6 June, DG18 was euthanased, in terms of the Guidelines for Baboon Management for assertive raiding behaviour. (http://baboons.org.za/images/Protocols/Guidelines_for_Baboon_Management_March_2019.pdf)
- On 16 June, DG14 moved into 1st Avenue, Da Gama Park and attempted to take an object from a child, which he thought was food. The child was unharmed.

Welcome Glen

- On 6 June, a bin was raided in Glenoak Road.
- On 8 June, a female raided a bin in Glenalpine Road.
- On 16 June, a sub-adult male raided an unoccupied house in Glenalpine Road. He was also aggressive to a dog in Glenoak Road.
- On 18 June, females raided bins in Glenhavon Close, Glenhurst Road and Glenoak Road. Waste management is one of the biggest attractants to baboons in Welcome Glen and Da Gama Park.
- On 11, 13, 20, 22 and 29 June, a house in Glenhavon Close was frequented by female baboons, trying to gain access to compost and organic kitchen waste on the property.
- On 24 June, a resident reported that a property in Glenalpine Road was raided.
- On 28 and 29 June, the troop raided a bin in Glenoak Road.
- On 29 June, the troop raided a bin in Glenalpine Road.



Figure 5: a) An example of bin at the old Da Gama Park Library without a lid. HWS provided the staff on duty with a bin application form to apply for a new baboon-proof bin, b) an open compost heap is a major attractant to baboons.

Da Gama Park

- On 6 June, the troop raided a house in 2nd Avenue, Da Gama Park. The front door of the house was left open and the house lights were on, but no one was home.
- On 6 June, three bins in Van Der Graaf Road were raided by the troop.
- On 6 June, a juvenile entered a window and raided the kitchen of an occupied house in Van Der Graaf Avenue.

Births and Deaths

- There were no births in the Da Gama Troop in June 2019.
- On 6 June, DG18 (an adult male) was euthanased, in terms of the Guidelines for Baboon Management for assertive raiding behaviour
(http://baboons.org.za/images/Protocols/Guidelines_for_Baboon_Management_March_2019.pdf)

SOUTH EAST REGIONAL SUMMARY:

Births and Deaths

- There were no births in the South East during June.
- There was one death in the South East. The euthanasia of DG18 in terms of the Guidelines for Baboon Management.

Migrations

- No migrations occurred in the South East during June.

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. **New baboon-proof bins** are required for many properties in Da Gama and Welcome Glen to prevent bin raids. The HWS community liaison officer is working with the CoCT waste department to negotiate for this to take place following on from the bin audit conducted over the past few months.
- The entrance gate of **a room off one of the corridors in Kroonseil Flats** (Da Gama Park) is often broken. **On-going monitoring and maintenance** to the entrance will prevent residents from using this room as an additional waste storage area and prevent the baboons from accessing it.
- 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.
- **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** to occur in the early morning to prevent this waste from being an attractant to baboons (particularly in Dagleish and Van der Graaf Avenues, Da Gama Park).
- 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 from baboons at all times would also reduce raiding significantly.
- The **illegal use of paintball markers, bear bangers, pellet guns and pepper spray** by residents attempting to deter baboons from entering their properties 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 Your Flava' café** in Simon's Town.

SOUTH WESTERN REGION – AREA MANAGER: CATH SHUTTE

1. GROOT OLIFANTSBOS TROOP (GOB)

In Town Statistics

- The GOB Troop spent the majority of the month within the Cape of Good Hope (CoGH) section of the Table Mountain National Park (TMNP).
- The troop roosted within the boundaries of the CoGH for 67% (20 nights) and at Wildschutsbrand for 33% (10 nights) this month.
- The three GOB females (also referred to as the GOB individuals) and their two juveniles, roosted at the Misty Cliffs Sleep Site for the entire month of June.
- The GOB individuals spent 75,1% of their time out of the urban area this month.

Incidents that affected management

- On 7 June, a juvenile of the GOB individuals was found dead in a half full swimming pool.
- The body was sent for an autopsy and the cause of death was ruled as drowning.

Births and Deaths

- There were no births and one death recorded for the GOB Troop during June 2019.

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: JUNE	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	29	30	TOTAL																								
Unld Males	M																															0																								
Females	F	1		1,2		1,5	1	1	1	1	1,6		1	1	1	1,6,2	1,2	1	1	1,6,2	1	1	1	1	1,6		1		1	1	1	34																								
Unld Individuals																																0																								
Juveniles																								6								1																								
Troop																																0																								
	%	TIME SPENT IN TOWN (Minutes)																														HRS																								
Troop	0,0																															0,00																								
Individuals	24,9	135		240		255	85	305	225	270	215		185	60	237	295	100	250	370	110	120	140	240	167	260		275		85	155	30	80,15																								
Roost:	AM	2,1	5,1	2,1	2,1	2,1	2,1	5,1	5,1	2,1	2,1	5,1	5,1	2,1	2,1	5,1	5,1	2,1	2,1	2,1	5,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	5,1	2,1																									
Roost:	PM	5,1	2,1	2,1	2,1	2,1	5,1	5,1	2,1	2,1	5,1	5,1	2,1	2,1	5,1	5,1	2,1	2,1	2,1	5,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	2,1	5,1	2,1	5,1																									
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 June 2019.

2. THE SLANGKOP TROOP

In Town Statistics

- The troop spent 100% of its time out of the urban area.
- Individuals spent 89,6% of time out of the urban area.
- The troop slept on the Compass Cliffs Sleep Site for the majority (53%) of the month, in the pine trees behind Ocean View for 37% and on the roof of In2Foods Compass Bakery for the remainder (10%) of the month.

Incidents that affected management

7 June 2019

- An adult female was seen carrying a dead infant in the Slangkop Troop. It is suspected that it was a case of infanticide, committed by SK10.

Fruit Trees

- Individual baboons were attracted to the many fruit trees in Ocean View, Capri, De Oude Weg and Imhoffs Gift this month.
- The baboons entered Ocean View on 6 occasions, Capri on 7 occasions and Imhoffs Gift on 1 occasion.

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: JUNE	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	29	30	TOTAL		
SK6	M	2	2	1	1					2								1,1		1		1			2		2,2					12		
SK9	M	2	2	1																												3		
UnID Males	M				1			2		2						1	1,1	1	1	2,1		2		1	2		2,2					15		
UnID Females	F	2	2	2	1		1	1		2						1	1	1,1	1	2	2	2,1		1	2		2,2					20		
UnID Juveniles		2	2	1	1		1	1										1		2					2						9			
UnID Individuals										2							1,1				2,2		2	1		2	2				9			
Troop																															0			
	%	TIME SPENT IN TOWN (Minutes)																																HRS
Troop	0,0																														0,00			
Individuals	10,4	86	85	97	177		7	80		255						90	145	90	40	50	150	60	40	65	90	230	165				33,37			
Roost:	AM	3	3	3	3	2	2	2	3	2	2	2	2	3	2	2	2	3	3	2	2	2	5	3	2	3	3	3	2	2	9			
Roost:	PM	3	3	3	3	2	2	2	3	2	2	2	2	3	2	2	2	3	3	2	2	2	5	3	2	3	3	3	2	2	5	5		
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 7: The Slangkop Troop's raid sheet for June 2019.

In2 Foods and Heron Park

- Individual baboons moved through In2Foods Compass Bakery on 6 occasions and Heron Park on 8 occasions.
- Bins at In2Foods Compass Bakery and at various facilities in Heron Park were raided this month.

SK9

- On 4 June 2019, SK9 was euthanased in terms of Guidelines for Baboon Management for assertive raiding behaviour:

<http://baboons.org.za/images/Protocols/Guidelines for Baboon Management March 2019.pdf>

Births and Deaths

- There were no births in the Slangkop Troop in June.
- There were two deaths in the Slangkop Troop this month. On 4 June, SK9 was euthanased in terms of the Guidelines for Baboon Management for assertive raiding behaviour.
<http://baboons.org.za/images/Protocols/Guidelines for Baboon Management March 2019.pdf>
- On 7 June, an adult female was seen carrying a dead infant. The cause of death is suspected infanticide.

SOUTH WEST REGIONAL SUMMARY:

Births and Deaths

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

Migrations

- No migrations occurred in the South West during June.

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 ensure that their waste cage is properly secured at all times to restrict access to the baboons.
- **Rodgers Fruiterer** should securely contain any food waste put out for collection by pig farmers, and their bins require improved management as many are not lockable.

NORTHERN REGION – AREA MANAGER: STEPHANUS FERREIRA

1. TOKAI TROOP

In Town Statistics

- Time out of town for the troop was 99.5 %.
- Time out of town for individuals was 96.4 %.
- The troop slept mostly at the Tea Garden and Manor House pines during June 2019.

Incidents that affected management

Cape Academy

- MT8 went to Cape Academy on 1, 3, 10 and 11 June 2019 and raided bins.
- On 5 June, MT8, TKF13 and a few unidentified individuals went to the Cape Academy. However, no raids were recorded due to efforts by HWS rangers.
- Fruit trees and unsecured bins attract baboons to the Cape Academy.



Figure 8: (a) Fig trees and (b) unsecured bins are major attractants for baboons at Cape Academy.

Porter Estate

- Many incidents of baboons stealing backpacks or food from visitors around the Porter Estate and Chrysalis Academy were reported. Visitors are often seen carrying food openly.

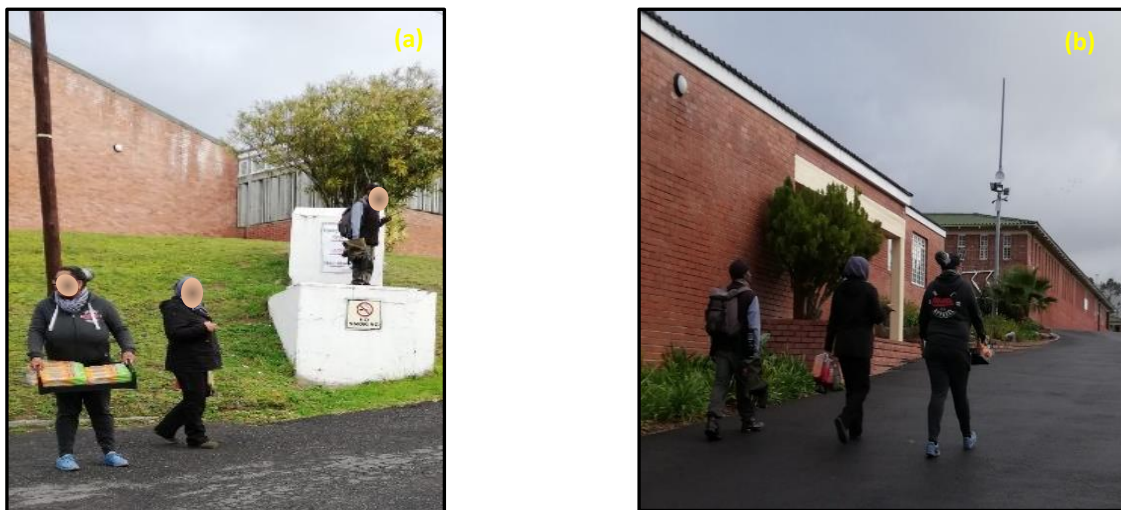


Figure 9: a) and b) Visitors, residents and staff on Chrysalis Academy, carrying food openly.

Forest Glade

- MT8 entered Forest Glade on 21, 23, 26 and 29 June 2019. No raids were recorded but MT8 did eat from the fruit trees inside Forest Glade.
- On 18 and 23 June, unidentified individuals from the Tokai Troop were inside Forest Glade. No raids were recorded but the baboons did eat from the fruit trees.
- On 15, 16, 21 and 26 June, the whole Tokai Troop was inside Forest Glade. No raids were recorded. However, the baboons did eat from the fruit trees.
- Baboons use the back-perimeter fence to gain access into Forest Glade. This fence is currently not electrified but HWS understands that plans are in place to electrify this part of the fence in future.



Figure 10: The back-perimeter fence at Forest Glade used by baboons to gain access to Forest Glade.

Bloekom Lane

- On 16 June, individuals from the Tokai Troop went to Bloekom Lane. There are many fruit trees in the gardens of the houses in this road which attract the baboons.

Constantia Uitsig

- On 13 June, HWS received reports that a few individuals, juveniles and female baboons raided bins at Constantia Uitsig.
- Baboons were reported to have entered Constantia Uitsig ten times during June. On these occasions, the baboons spent on average between 30 minutes and four hours at Constantia Uitsig.

Please note that HWS through its contract as the service provider to the City of Cape Town, is not mandated to manage baboons on private wine farms or within the TMNP. The mandate is to manage baboons in the urban area.

Zwaanswyk porcupine pipe

Camera traps were installed at the Zwaanswyk fence between 25 May and 30 June. The aim is to determine if any animals are utilizing the porcupine pipe installed by the Zwaanswyk Association of Property Owners (ZAPO). The cameras showed that both porcupines and baboons visited the pipes on numerous occasions. Both showed interest, although neither utilized the pipe to get to the other side.

A new larger pipe will be installed in July at the same location and will be monitored with camera traps in order to determine its effectiveness.

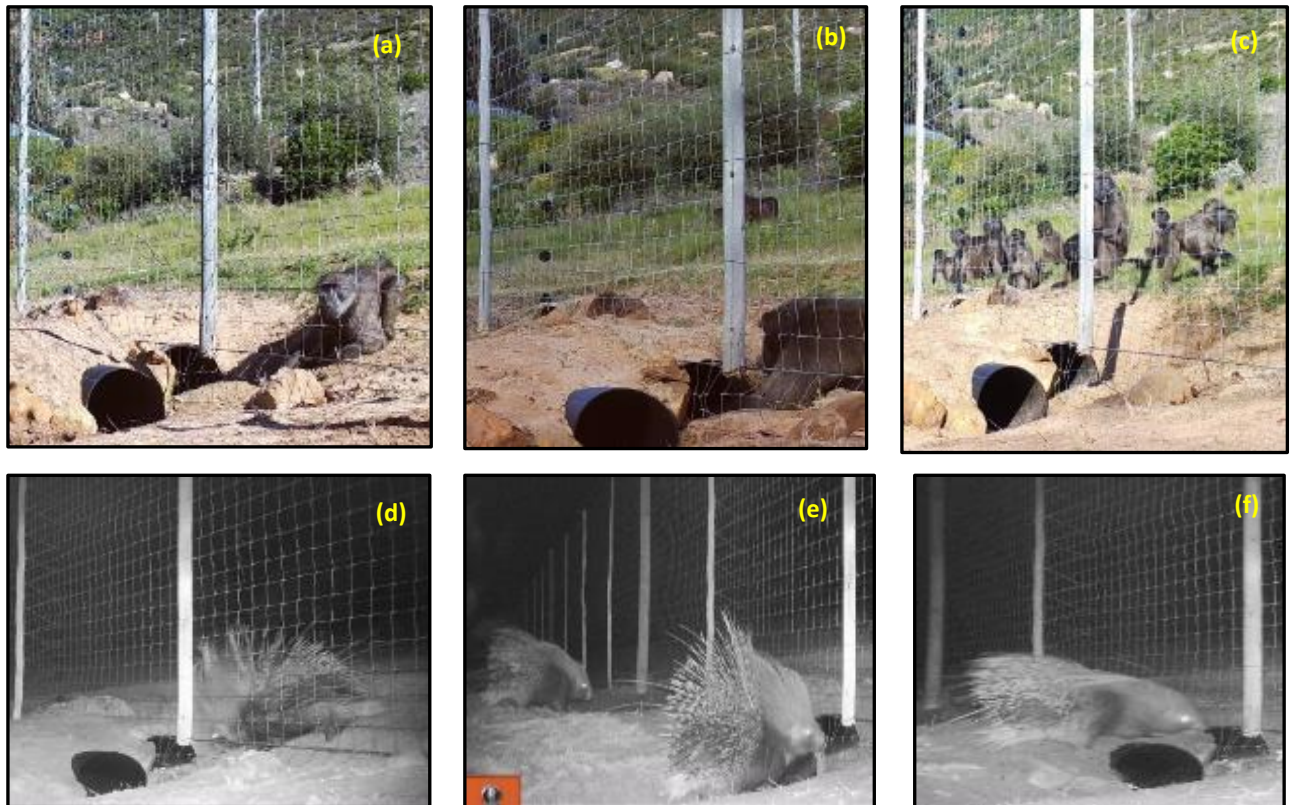


Figure 11: a-f) Baboon and porcupine activity around the porcupine pipe installed by the Zwaanswyk Association of Property Owners (ZAPO).

Births and Deaths

- On 2 June, three infants were spotted in the Tokai Troop.
- On 28 June, an infant was killed by an unidentified male.

2. ZWAANSWYK TROOP

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 97.4%.
- The troop slept mostly at the Tea Garden during June 2019.

Incidents that affected management

Cape Research Centre

- On 4 and 8 June, an untagged female raided the skip at the Cape Research Centre.

Constantia Uitsig

- On 12 June, an untagged female raided a bin at Constantia Uitsig.

Cape Academy

- On 12 June, an untagged female was running around the Cape Academy, but no raids were recorded.

SANParks' Tokai Picnic Site

- On 16 June, a report was received that an untagged female raided a picnic table in the SANParks' Tokai Picnic site.

Zwaanswyk

- On 16, 19 and 21 June, an untagged female was running around Zwaanswyk on her own.

Forest Glade

- On 18 June, unidentified individuals entered Forest Glade.

HWS: TROOP MONTHLY REPORT																																				
SECTOR		CLASSES OF BEHAVIOUR																																		
		NORTH																																		
BABOON TROOP:		ZWAANSWYK		1 In urban area										4 Attacking pets										7 Threatening behaviour/attack/stealing food												
MONTH: JUNE		YEAR: 2019		2 Raid bins										5 Raid unoccupied house or vehicle										8 Breaking & Entering/Damaging property												
				3 Non malicious damage										6 Raid occupied house or vehicle										9 Nocturnal Raiding												
BABOON ID		Sex	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	TOTAL			
TK54 (R-R) GPS collar		M																																		
TKF5		F																																		
Un ID Male		M																																		
Un ID Females		F			2					2				1,2				7			1	1		1									8			
Un ID juveniles																				1													1			
Un ID individuals																				1													1			
Troop																																				
		%	TIME SPENT IN TOWN (Minutes)																														HRS			
Troop		0,0																															0,00			
Individuals		2,6												20				360		30	55		30										8,25			
Roost:		AM	10	2	10	10	10	10	2	9	9	10	10	9	1	9	7	9	9	5	2	1	2	1	1	10	9	2	1	7	7	4				
Roost:		PM	2	10	10	10	10	2	9	9	10	10	9	1	9	7	9	9	5	2	1	2	1	1	10	9	2	1	7	7	4	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, black and italics text indicates non-urban raids.																																	

Figure 12: The Zwaanswyk Troop's raid sheet for June 2019.**Births and Deaths**

- On 24 June, an infant was spotted in the Zwaanswyk Troop.
- No deaths were recorded in the Zwaanswyk Troop during June.

3. CONSTANTIA TROOP 1 (CT1)**In Town Statistics**

- Time out of town for the troop was 99.6%.
- Time out of town for individuals was 98.9%.
- The troop mostly slept at the Upper and Lower Gums sleep sites during June.

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: JUNE		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	29	30	TOTAL																						
MT14		M		1				1	1	1							2				2												6																						
CON16		M		1				1	1	1					6																		5																						
CONF1		M		1				1	1	1																							4																						
Un ID Male		M		1				1	1	1																							4																						
Un ID Female		F		1				1	1	1																							4																						
Un ID Juveniles				1				1	1	1																							4																						
Un ID Individuals				1				1	1	1																							4																						
Troop				1				1	1	1																							4																						
		%	TIME SPENT IN TOWN (Minutes)																														HRS																						
Troop		0,4	20	10				10	20	15																							1,25																						
Individuals		1,1	60	30				30	40	30					10		10																3,50																						
Roost:		AM	5	2	8	8	2	1	8	5	5	5	3	1	1	2	2	2	1	1	2	2	2	2	1	1	1	1	1	3	3	3																							
Roost:		PM	2	8	8	2	1	8	5	5	5	3	1	1	2	2	2	1	1	2	2	2	2	1	1	1	1	1	3	3	3	1																							
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 CT1 Troop's raid sheet for June 2019.

Incidents that affected management

Price Drive:

- On 7 and 8 June, CT1 entered Price Drive and moved towards Ou Wingerd Road in order to enter Groot Constantia. No raids were observed although there was damage caused to some of the properties in the area.
- On 9 June, CON16 was running around Jonkershuis and Simon's Restaurant on Groot Constantia. No raids were observed.

Groot Constantia

- Grapes left in the fields after the harvest that are located around the Castle at Groot Constantia are a big attractant to baboons.



Figure 14: a) and b) damage caused by individuals at one of the houses at Ou Wingerd Road while the CT1 Troop were on their way to Groot Constantia.



Figure 15: A hole under the Klein Constantia fence at the boundary of Klein Constantia and Groot Constantia, used by CT1 Troop to enter Klein Constantia.



Figure 16: a) and b) The end-of-the-harvest raisin-like grapes left in the vineyards at Groot Constantia are a great attractant to baboons during the winter months.

Births and Deaths

- No births were recorded for CT1.
- On 12 June, there was one death in CT1 due to infanticide by an untagged male.

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 Block 10 Gums Sleep Site during June 2019.

Incidents that affected management

- No incidents that affected usual management operations, were recorded for CT2.

Births and Deaths

- No births or deaths were recorded for CT2 during June.

5. MOUNTAIN TROOP**In Town Statistics**

- Time out of town for the troop was 100%.
- Time out of town for individuals was 98.9%.
- The troop slept mostly at Veels-te-Ver sleep site during June 2019.

Incidents that affected management**Wine Farm Private Houses**

- On 6 June, residents reported that an untagged male in the Mountain Troop and a dog had an altercation at one of the houses on Buitenverwachting.
- On 7 June, a report was received that an untagged male in the Mountain Troop aggressively charged a female resident on Buitenverwachting.
- On 15 June, residents reported that an untagged male in the Mountain Troop and a dog had an altercation at one of the houses on Buitenverwachting.
- On 20 June, two untagged males raided bins at one of the houses on Buitenverwachting.
- On 27 June, an untagged male raided a bin on Klein Constantia.

HWS: TROOP MONTHLY REPORT																																									
SECTOR		CLASSES OF BEHAVIOUR																																							
NORTH		1	In urban area										4	Attacking pets										7	Threatening behaviour/attack/stealing food																
BABOON TROOP:	MOUNTAIN	2	Raid bins										5	Raid unoccupied house or vehicle										8	Breaking & Entering/Damaging property																
MONTH: JUNE	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	29	30	TOTAL									
CON 11 (Y-Y)	M																																								
CON 2	M																												2			1									
Un ID AD Male	M						4	7								4					2							2	1	7	4.7	3									
UN ID SA Male	M																				2											1									
UN ID Female	F																																								
Un ID Juv																																									
Un ID Individuals																																									
Troop																																									
	%	TIME SPENT IN TOWN (Minutes)																																	HRS						
Troop	0,0																															0,00									
Individuals	1,1																												105	40	60	3,42									
Roost:	AM	1	1	1	1	1	8	1	8	1	1	1	1	5	1	1	1	1	1	1	3	1	8	1	1	1	3	3	3	1	1										
Roost:	PM	1	1	1	1	8	1	8	1	1	1	1	5	1	1	1	1	1	1	3	1	8	1	1	1	3	3	3	1	1	1										
Roost Sites		1	Veels-Te-Ver stores							2	Veels-Te-Ver Resevior							3	Veels-Te-Ver Kramat							4	Buitenverwachting gums							5	Block 10 Gums						
		6	Block 5 pines							7	Watergat							8	Harris Pines							9	Bike trails							10	Upper gums						
		11	Tea Garden							12	VodacomTower							13	Manor House Pines							14	Tokai picnic							15	other						
ID Features of Baboons																																									
General remarks		Bold and italics text indicates non-urban raids.																																							

Figure 17: The Mountain Troop's raid sheet for June 2019.

Klein Constantia Road

- On 28 June, an untagged male was moving around the houses in Klein Constantia Road.
- On 28 June, CON2 was moving around the Little Stream Restaurant and he raided a bin.
- On 29 June, an untagged male baboon was moving around the houses in Klein Constantia Road. While in the area, he attempted to get inside one of the houses and showed aggressive behaviour to a lady residing there.
- On 30 June, an untagged male in the Mountain Troop was moving around the houses on Klein Constantia Road. The untagged male reportedly had an altercation with a dog and showed aggressive behaviour to a lady residing in the area.

Births and Deaths

- No births or deaths occurred in the Mountain Troop during June.

NORTH REGIONAL SUMMARY:

Births and Deaths

- There were four births recorded in the North and two deaths. Both deaths were infanticides.

Recommendations

- **Signage** informing visitors to Chrysalis Academy not to leave their bags unattended should be erected.
- **Bins** at the **SANParks' Picnic Site** need to be closed properly to prevent baboon raids this should be regularly monitored by park staff.
- The **electrified perimeter fence** at the **SANParks' Tokai Picnic Site** needs to be **upgraded and maintained** on a regular basis, to prevent baboons from entering the picnic site to raid.
- **Regular maintenance, upgrades and electrification to 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.
- Preventative measures, such as storing and transporting food in a more secure manner, will reduce the amount of human derived foods (HDF's) available to baboons. 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** will prevent baboons from getting **electrocuted**.
- **Porcupine tunnels** need to be **installed** in areas where **porcupines dig under fences** which baboons utilize to **enter the urban area**.
- **Monitor porcupine tunnels** installed at the Zwaanswyk fence to determine whether it is utilized by porcupines.

C. COMMUNITY AWARENESS AND EDUCATION

Community Conservation Officer's Monthly Feedback for June 2019:

Various tasks are carried out on a monthly basis to improve education and raise awareness amongst the baboon-affected communities on the Peninsula about baboon-proofing residential homes and securing waste areas at businesses and public spaces.

Tasks include site visits to check on waste management; residential visits to houses that are noted to have been raided by baboons or have a baboon attractant on the property. Common attractants are fruit trees, open vegetable gardens, open compost heaps, access to human-derived foods or unsecured bins.

Educational materials are distributed in baboon-affected areas and educational awareness sessions are conducted at schools, in communities and businesses. Stakeholder meetings are also held with affected parties.

Tasks	Activities - June 2019			
	South East Da Gama	South-East Smitswinkel Bay/Waterfall	South-West	North
Site visits	Old Da Gama Library	Millers Point Picnic Site; Millers Point Caravan Park; Black Marlin; Happy Valley Home; Cape Boat Club; What's Your Flava	The Hub; Camel Rock Restaurant; Whole Earth Café; In2Foods; Rodgers Fruiterer; Southern Grind	Chrysalis Academy; Cape Academy; Constantia Uitsig
Residential visits	Da Gama Park; Welcome Glen			Porter Estate
Education/ Awareness sessions			Ocean View Holiday Programme	
Bin order (request from individuals)	Welcome Glen		Rodgers Fruiterer	
Stakeholder Meetings				Constantia Uitsig; Ward 71 Councillor

Table 1: Summary of awareness-raising tasks carried out in baboon-affected communities on the Peninsula in June 2019.

D. GENERAL COMMENTS ON ALL BABOON TROOPS

1. POPULATION CHARACTERISTICS

During June 2019, four births and six deaths were recorded in the managed troops.

As per the requirements of the July 2017 City of Cape Town baboon management contract, HWS rangers carry out an accurate ground count to determine the number of baboons in each troop during May and June each year.

At the end of June each year, discrepancies between expected population numbers (based on monthly report figures) versus population numbers observed during ground counts are adjusted as per the counts. In the past most of these discrepancies were explained by potential double counts for births, thereby artificially boosting numbers; or, some deaths going unnoticed. This can easily happen with infanticides and the dead babies not being found, or old animals dying hidden in thick bush.

TROOP	END JUNE TOTALS						Total Births (1 July 2018 to 30 June 2019)	Total Deaths (1 July 2018 to 30 June 2019)	Total Migrations (1 July 2018 to 30 June 2019)	Total Current Population per Annual Counts @ 30 June 2019
	2013	2014	2015	2016	2017	2018				
Da Gama	42	43	46	52	52	55	8	8		48
Smitswinkel	21	22	24	29	33	35	0	3		31
Waterfall	28	29	31	33	37	40	3	7	+1	48
GOB	20	19	16	17	23	29	2	2		23
Misty Cliffs	17	16	9	11			0	0		
Slangkop	37	40	35	41	40	44	5	5		43
SUB TOTAL	165	169	161	183	185	203	18	25		193
Zwaanswyk	28	28	30	28	30	20	6	4	-3	20
Tokai	64	70	62	65	69	75	15	6	+3	91
Mountain	41	47	49	47	57	60	5	6	-2	73
CT1	70	69	77	81	63	46	6	3	+1	64
CT2					22	10	2	1	+1	8
SUB TOTAL	203	214	218	221	241	211	34	20		256
TOTAL	368	383	379	404	426	414	52	45		449

Table 2: Population data for the eleven managed troops on the Cape Peninsula in June 2019. Emigration/Immigration figures show animal movements between troops and are accommodated in the troop population totals.

Four deaths were recorded in the South and two in the North. Two deaths were management euthanasias done in terms of the Guidelines for Baboon Management for assertive raiding behaviour. The other four deaths that occurred in June, were the result of infanticides committed by adult males, and a drowning.

Totals per Management Year 1 July to 30 June								
Death Category:	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL (@ 30 June 2019)
Management	15	10	9	4	11	8	4	61
Human Induced (HID)	5	3	22	13	5	8	17	73
DHID**	2		1	5	1	4	3	16
IHID***	3	3	21	8	4	4	14	57
Natural	19	21	22	8	27	28	18	143
PLOHP****						7		7
Unknown	5	9	5	8	7	13	6	53
Total	44	43	58	33	50	64	45	337

Table 3: Breakdown of the causes of baboon deaths since 2012. All recorded baboons deaths have been summarised into categories: **Management** – baboons euthanased for management reasons according to the WAAC raiding protocol/BTTG03 guidelines; **Human Induced Deaths** are divided into two categories; (a**) **Direct** – deaths caused directly and intentionally by humans such as shootings and poisonings etc.; (b***) **Indirect** – deaths caused indirectly by humans such as vehicle accidents, electrocutions and dog altercations. This category also includes baboons seriously wounded by the above causes, then humanely euthanased; **Natural** – baboons dying from old age, in injuries related to baboon-on-baboon fights, infanticide etc.; ******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; and **Unknown** – occasionally a baboon is found dead and the cause could not be determined.

Adjustment of date range of Total Deaths per Management Year

For the Annual Report 2017/18 we changed our data format to reflect the Tender Management Year (1 July to 30 June). However, for death data this was not done, because historical data provided by iCWild (Institute for Communities and Wildlife in Africa), University of Cape Town, was used for the first half of 2012. In order to ensure that all data are presented in a uniform manner, the death data in Table 3 have now been revised to reflect the format of the population data. Therefore, the death data in Table 3 now follows the Tender Management Year from 1 July to 30 June. In addition, in order to formalise the categories into which the data are classified (see legend of Table 3), an extensive review of the deaths data has been done with iCWild. For example, electrocutions and baboon drownings in a swimming pool/reservoir are considered as Indirect Human Induced Deaths (IHID). Also, a baboon being killed by a dog altercation in a garden is also considered an IHID. If the owner purposefully set a dog onto a baboon, it would be considered as a Direct Human Induced Death (DHID).

2. HOTLINE DATA

During June 2019, there was a total number of 278 calls, 211 of these calls were raid related. 179 of the calls were merely reporting baboons in town, and the rest were mainly reporting bin raids and raids on occupied houses. There has been a reduction of 128 raid-related calls from the previous month (339). Most of the calls received during June were from Simon's Town (41), Tokai (29), Zwaanswyk (26) and Constantia (24). Twenty-eight calls were received from other areas and general enquiries. There was a significant reduction in the number of calls received this month from Murdock Valley (12) compared to last month (150).

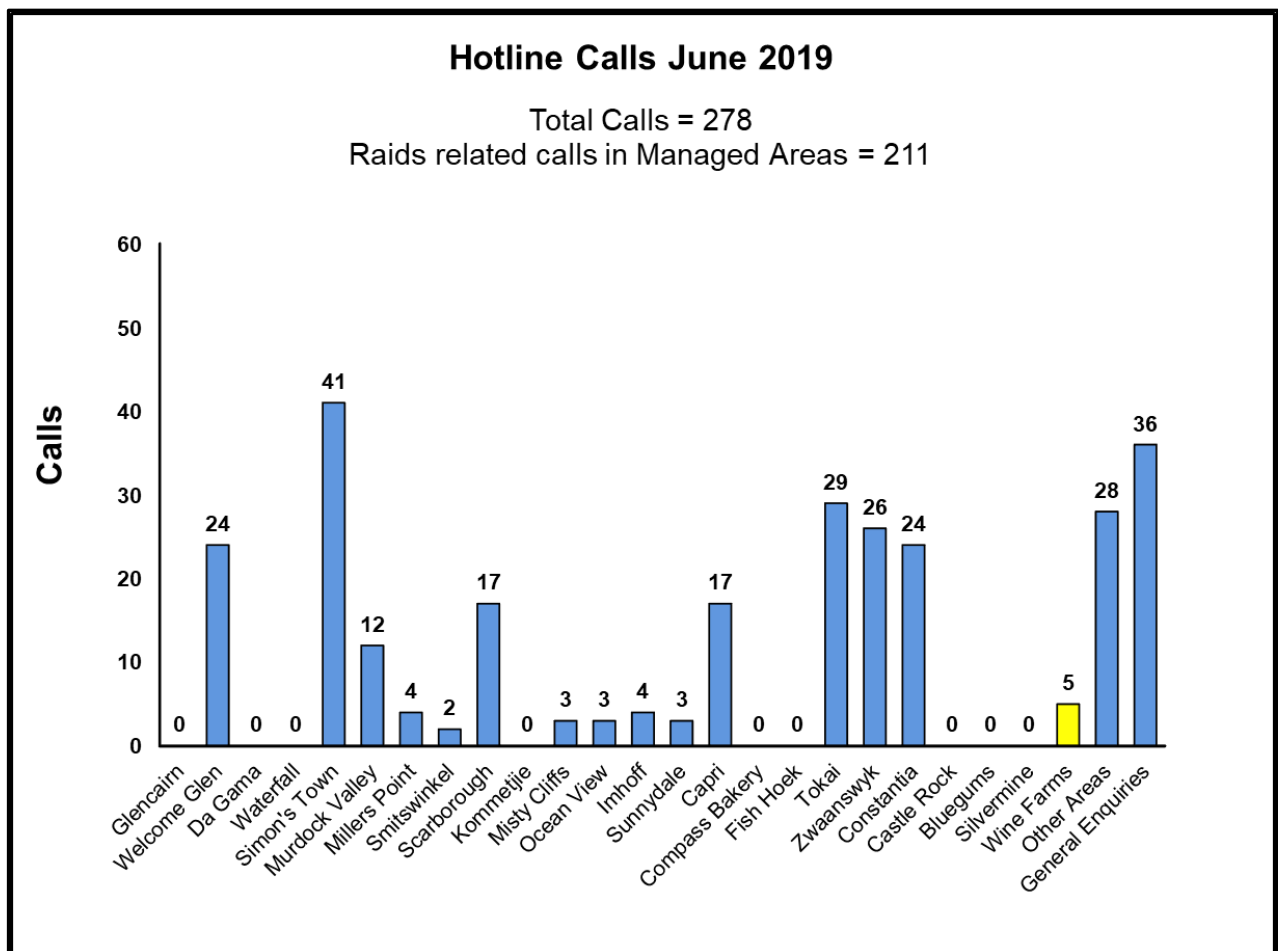


Figure 18: Hotline calls summary per urban area for June 2019. Raid related hotline calls are calls reporting managed baboons in urban areas. Managed Areas are those areas in which managed baboon troops raid. Other Areas, represent those areas beyond the urban edge or the range of managed baboons.

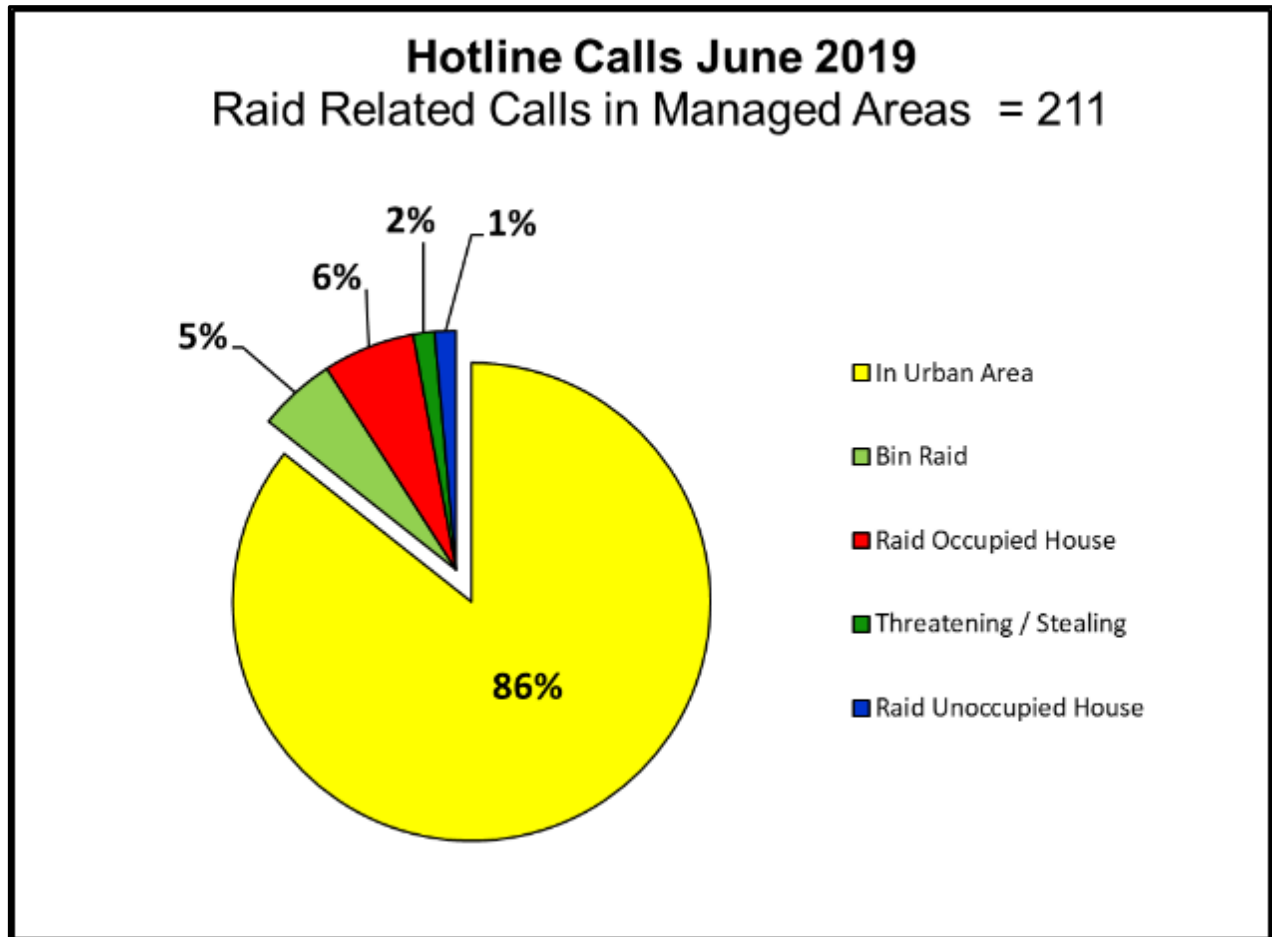


Figure 19: Composition of raid-related hotline calls during June 2019.

3. PERCENTAGE TIME OUT OF TOWN

The percentage of time that the troops spent out of town this month is 99.6%. This is a slight increase from time out of town in May, which was 99.3%. Only the Da Gama, CT1 and the Tokai troops spent time in town this month. Individuals, however, spent a total of 93.3% time out of town. Individuals from Slangkop (33.37 hrs), Da Gama (37.38 hrs) and Waterfall (22.32 hrs) spent significant time in town. Time in town for the Smitswinkel individuals decreased significantly this month to 14.84 hours compared to 47.57 hours in May 2019. This is largely due to SWB12 moving to the Waterfall Troop during this month and the operation of a virtual fence at the end of May.

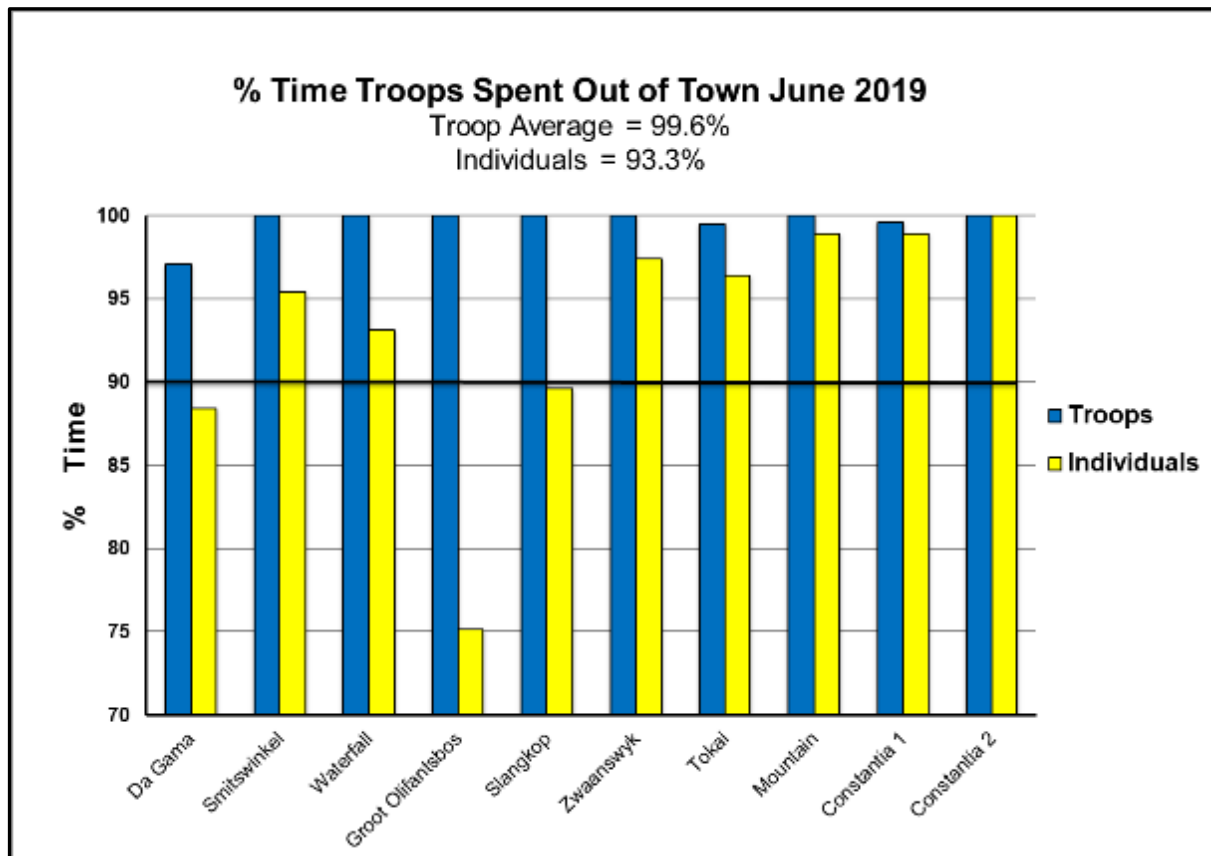


Figure 20: Percentage time troops spent out of town during June 2019. The solid line at 90% indicates the City of Cape Town's 2014 and current contract requirement.

E. CONCLUSION

This month, there was a major reduction in the number of calls received on the hotline. There was, however, an increase in the number of calls to the North, which is expected at this time of year, as the baboons tend to move towards the lower lying areas of the mountain, where there is less exposure to the winter conditions (rain and wind). It is also positive to note that the percentage of calls for raids of occupied properties has reduced from 11% in May 2019 to 6% this month.

The majority of the troops spent 100% time out of town during this month, with individuals spending 6.7% of time in town. Individuals therefore remain more problematic to manage compared to troops. Individuals from the Da Gama, Smitswinkel Bay, Waterfall and Slangkop troops have been pushing hard to gain access to the urban areas, particularly with winter in full swing and the number of point-source attractants still available in the urban environment.

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