



Human Wildlife Solutions

Monthly Report

May 2018

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A. INTRODUCTION

This monthly report covers the period from 28 April to 25 May 2018. The winter rains have finally arrived, and the rainfall has substantially increased from last year. At the end of May 2018, 404mm of rain was recorded in the North region and 220mm was recorded in the South. This is a substantial increase from last year, when 178mm of rain was recorded in the North and 88mm in the South. This increase bodes well for the upcoming months. The baboons have also settled into their winter foraging pattern. This usually results in the troops spending more time in the lower lying areas and sleeping at sleep sites that are more sheltered from the rain.

B. BABOON MANAGEMENT AND RAID REPORTING

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

1. SMITSWINKEL BAY TROOP

In Town Statistics

- The Smitswinkel Troop spent 100% of its time out of the urban area this month.
- Individuals spent 98,6% of time out of the urban area this month.
- The troop predominantly slept in the northern section of its home range (68%).

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: MAY	YEAR: 2018	3	Non malicious damage	6	Raid occupied house or vehicle	9	Nocturnal Raiding																							
BABOON ID	Sex	28	29	30	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	TOTAL
SWB6	M																													0
SWB10	M																													0
SWB11	M	6.7																			6								3	
UnID Males	M																												0	
UnID Females	F																												0	
UnID Juveniles																													0	
UnID Individuals																													0	
Troop																													0	
	%	TIME SPENT IN TOWN (Minutes)																										HRS		
Troop	0.0																												0.00	
Individuals	1.4	255																											4.63	
Roost:	AM	5	1	4	3	6	5	5	4	4	1	7	2	5	2	5	4	1	4	4	3	5	4	4	1	4	4	6	5	
Roost:	PM	1	4	3	6	5	5	4	4	1	7	2	5	2	5	4	1	4	4	3	5	4	4	1	4	4	6	5	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		10																				
ID Features of Baboons																														
General remarks		<i>Black, bold and italics text indicates raids at SANPark.</i>																												

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

Incidents that affected management

Black Marlin Restaurant:

- SWB11, an adult male, raided the Black Marlin Restaurant on only one occasion this month.
- SWB11 gained access to the kitchen, through the open kitchen door and stole food from the kitchen.

2. WATERFALL TROOP

In Town Statistics

- The Waterfall Troop spent 100% of its time out of the urban area this month.
- Individuals spent 92,4% of time out of the urban area this month.
- Raids on City of Cape Town land accounted for 64% of the total raids this month. The remaining 36% of raids, took place on SA Navy land.



Figure 2: The Waterfall Troop's movement for May 2018.

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: MAY	YEAR: 2018	3	Non malicious damage	6	Raid occupied house or vehicle	9	Nocturnal Raiding																							
BABOON ID	Sex	28	29	30	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	TOTAL
CON4	M					2								5	1,5	1.5			1.1											8
WF5	M	6	2.2		1.6	2	1.2				2		1	5	1,5	1.1	1,2		1		2.2				1,2		5	2,2		25
WFF5	F																													0
WFF6	F																													0
UnID Males	M	6								2.2						5			1						1,2				7	
UnID Females	F	2		5.5	6	2	1.2												1,1,2										10	
UnID Juveniles				5.5			1																						3	
UnID Individuals				2	5.5	5,5,5					5.5	2,2,2,2		2.2	1,5	1.5		2,2								5	5,2		23	
Troop																													0	
		TIME SPENT IN TOWN (Minutes)																									HRS			
Troop	0.0																													0.00
Individuals	7.6	95	45		130	60	105		105		30	240	30	30	45	210	30	25	180								10		100	24.50
Roost:	AM	1	1	15	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	10	10	10	10	5	2	15	2	1	
Roost:	PM	1	15	1	1	1	1	2	1	1	2	1	15	1	1	1	1	1	1	10	10	10	10	5	2	15	2	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	Shamballah Pines				9	North Peak				10	SANAD							
		11	Bungalow				12	Murdock Valley Cliffs				13	Rocklands Farm				14	Other				15	Quarry							
ID Features of Baboons																														
General remarks	Bold, Red and Italics indicates raiding inside the South African Naval Ammunition Depot (SANAD) and Waterfall Barracks. Black, Italics indicates raiding on farms.																													

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

Incidents that affected management

Simon’s Town Navy:

- Waterfall Barracks in Simon’s Town continues to act as an attractant. Some of the bins at the Barracks are baboon-proof bins, however many are broken and when filled over capacity, the locking mechanism becomes unusable.
- The lockable waste room door is left open and baboons are able to access the waste inside.
- The residents at the Waterfall Barracks continue to leave windows open. This creates the opportunity for the baboons to enter the apartments to raid.

Waste Removal:

- Waste removal in the Simon’s Town continued to be problematic this month.
- The collection of both the waste and recycling was often delayed.
- This exacerbated the baboons raiding behavior because waste was available for longer periods, making it very difficult for HWS rangers to move the baboons away from the urban area.



Figure 4: The various bin storage areas at Waterfall Barracks (a & b) and Military Police (c).



Figure 5: The waste piles and late collection in Simon's Town leads to multiple bin raids on bin days.

3. DA GAMA TROOP

In Town Statistics

- Time out of town for the troop was 98.5%.
- The troop spent only six nights out of town, sleeping at Witsands.
- Individuals' time out of town was down to 83.1% this month. This can be attributed to fighting amongst the adult males, which resulted in individuals running into the urban area.



Figure 6: The Da Gama Troop’s movement for May 2018.

SECTOR		CLASSES OF BEHAVIOUR																													
SOUTH EAST		1 In urban area	4 Attacking pets	7 Threatening behaviour/attack/stealing food																											
BABOON TROOP:	DA GAMA	2 Raid bins	5 Raid unoccupied house or vehicle	8 Breaking & Entering/Damaging property																											
MONTH: MAY	YEAR: 2018	3 Non malicious damage	6 Raid occupied house or vehicle	9 Nocturnal Raiding																											
BABOON ID	Sex	28	29	30	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	TOTAL	
Troop				1		1			1																		1			4	
DG14 (O-G)	M	2	6,7	2	1	2			1		6	2		1								1	1				2	1	1	15	
DG18	M	2	1	1	1	6,2	1	1				2	2	1	5							1	1			2	5	1	2	1	19
DGF1	F			2		2																								2	
DGF2	F													5																1	
UnID Females	F	2	1	2	1				1		2	1	1	1	5							1		1			2	1	1	15	
UnID Female	F						1	1	6	1																				4	
UnID Individuals									1																					1	
UnID Juv					1																						2		2		
		TIME SPENT IN TOWN (Minutes)																									HRS				
Troop	%	1.5		75		15			180																			15		4.75	
Individuals	%	16.9	45	330	145	290	135	116	30	226	32	83	203	69	87	240						68	167		24	150	46	330	300	157	54.55
Roost:	AM	1,2	1,2	1,2	2	3	1,2	1,3	11	1,2	2	1,2	2,3	1,2	1,2	1,2	11	11	11	11	11	1,2	1,2	11	1,2	1,2	1,2	3	2	2	
Roost:	PM	1,2	1,2	2	3	2	1,3	11	1,2	1,2	1,2	2,3	1,2	2	1,2	11	11	11	11	11	1,2	2	11	1,2	1,2	3	2	2	1,2		
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									
ID Features of Baboons																															
General remarks																															

Figure 7: The Da Gama Troop’s raid sheet for May 2018.

Incidents that affected management

- Waste collection throughout the month has improved and has been collected in the mornings.
- One adult female displayed unusual behaviour by staying on top of the roof of the flats between two to four hours, after the troop has already left the sleep site.
- On 29 May, DG14 sustained a laceration to his face during a fight with DG18.



Figure 8: DG14 with a laceration to his face after a fight with DG18.

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

- On 28 April 2018, a new infant was seen in the Waterfall Troop. Two infants were reported in the Da Gama Troop on 4 and 14 May respectively.
- On 2 May 2018, a dead juvenile was reported in the Smitswinkel Troop. The cause of death is infanticide.

Recommendations

- In the interest of more effective baboon management, residents at the **naval flats in Da Gama Park should place their refuse bags inside the bins**, inside the bin bay and not leave it in front of the gate or on the floor.
- **Baboon-proof bins** are needed at the **West Yard** at the **Navy docks** to prevent baboon raids. The **cafeteria** at the **West Yard** also needs to **be baboon-proofed**.
- All vegetable gardens should be baboon-proofed, and residents should refrain from growing fruit trees

in baboon affected areas. Alternatively, all fruit should be removed from fruiting trees.

- Residents at the **Waterfall Barracks** and **Happy Valley Shelter** should **keep their doors and windows closed** and their food out of the sight of baboons, when they are not there to prevent raids.
- Law enforcement is urgently needed in the South East to prevent the illegal use paintball markers and pellet guns by residents, who use these to deter baboons.
- **If poor waste management** at the South African Naval Ammunition Depot (**SANAD**) and the **Waterfall Barracks** is addressed adequately, baboons will not be able gain access to food so easily and less management intervention will be required.
- A **solution** for the '**What's Ya Flava**' café in Simon's Town needs to be found, to prevent baboons from raiding the shop, while still making it easily accessible for customers.
- The **use of clear recycling bags** in baboon-affected areas **should be re-evaluated** as this remains an attractant for baboons.
- **Waste and recycling collection** should be **prioritised and collected early in baboon-affected areas** to avoid becoming an attractant to baboons.

SOUTH WESTERN REGION – AREA MANAGER: CATH SHUTTE

1. GROOT OLIFANTSBOS TROOP (GOB)

In Town Statistics

- The troop spent the majority (86%) of May within the Cape of Good Hope (CoGH) section of the Table Mountain National Park (TMNP).
- While outside the CoGH, the troop slept in the pines at Shamballah (14%).
- The three GOB females, referred to as the GOB individuals, roosted at the Misty Cliffs Sleep Site for the entire month of May.
- These Individuals spent 73,9% of time out of the urban area this month.

Incidents that affected management

Waste Removal:

- Waste removal in the Scarborough and Misty Cliffs area continued to be problematic this month.
- The collection of waste and recycling was often delayed.

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: MAY	YEAR: 2018	3	Non malicious damage	6	Raid occupied house or vehicle	9	Nocturnal Raiding																							
BABOON ID	Sex	28	29	30	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	TOTAL
Unld Females	F		1	1	1	1	1		1	1	1.2	1	1	1	1	1	1	1.6	1	1	1		1	1	1	1	1	1	26	
Unld Individuals																													0	
Juveniles																													0	
Troop																													0	
	%	TIME SPENT IN TOWN (Minutes)																									HRS			
Troop	0.0																												0.00	
Individuals	26.1	205	320	180	60	420		210	76	265	300	360	50	127	69	197	361	25	420	40		138	120	210	150	375	360	83.97		
Roost:	AM	2.1	2.1	2.1	4.1	5.1	5.1	2.1	2.1	5.1	2.1	4.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	4.1	2.1	2.1	2.1	2.1	5.1	5.1	5.1	2.1		
Roost:	PM	2.1	2.1	4.1	5.1	5.1	2.1	2.1	5.1	2.1	4.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	4.1	2.1	2.1	2.1	2.1	5.1	5.1	5.1	2.1	4.1		
Roost Sites		1	Misty Cliffs		2	CoGH Reserve		3	Red Hill		4	Shamballah		5	Wildschutsbrand															
		6	Perdekloof		7	CoGH Nursery		8	Misty Cliffs 2		9	Other																		
ID Features of Baboons																														
General remarks		Black, bold and italics text indicates raids at SANParks.																												

Figure 9: GOB Troop raid sheet for May 2018.

2. THE SLANGKOP TROOP

In Town Statistics

- The troop spent 99,8% of time out of the urban area for the month of May.
- Individuals spent 92,9% of time out of the urban area during this month.
- Most time spent in the urban area can once again be attributed to SK8, a sub-adult male.
- Of the 57 raids carried out this month, SK8 is directly responsible for 33% of all raids.
- The troop utilised the Pines behind Ocean View for 71% of the month and the Compass Cliffs Sleep Site for 29% of the month.

Incidents that affected management

Ocean View:

- The close proximity of the troops' preferred winter sleep site, Kali's Pines, to Ocean View continued to result in human/baboon conflict this month.
- Resident children from Ocean View were seen throwing stones and chasing the baboons. The children actively seek out the baboons and often follow the baboons up the mountain.



Figure 10: The Slangkop Troop's movements for May 2018.

Rodgers Fruiterers / Peach Pip Farmstall:

- Individual baboons continued to move to Rodgers Fruiterers this month.
- Rodgers Fruiterers do not have lockable baboon-proof bins and the bins are stored outside. This makes it very easy for the baboons to gain access to the HDF's (Human Derived Foods).

Fruit Trees:

- Individual baboons are constantly attracted to the many fruit trees in Ocean View.
- The main areas for concern are Cheetah Road, Comet Road, Laguma Street and Alcor Avenue.

HWS: TROOP MONTHLY REPORT																																
SECTOR		CLASSES OF BEHAVIOUR																														
SOUTH WEST		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	TOTAL					
BABOON TROOP:	Slangkop	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	TOTAL					
MONTH: MAY	YEAR: 2018	In urban area	Raid bins	Non malicious damage	Attacking pets	Raid unoccupied house or vehicle	Raid occupied house or vehicle	Threatening behaviour/attack/stealing food	Breaking & Entering/Damaging property	Nocturnal Raiding																						
BABOON ID	Sex	28	29	30	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	TOTAL		
SK6 (Adult Male)	M		7					2					1			1											2	1		7		
SK8 (Sub-Adult Male)	M		1		1			2				5	1	1	1	1		2	6	6.1	1	1			1	2		2	1	1	19	
UnID Males	M													1		1		2	1		1						2	1		7		
UnID Females	F		7										1	1		1			1	1	5						2	1	1	10		
UnID Juveniles													1							1									1	3		
UnID Individuals			1,1,1			1.1		2					1									1					2		1	10		
Troop												1																		1		
	%	TIME SPENT IN TOWN (Minutes)																									HRS					
Troop	0.2											30																		0.50		
Individuals	7.1		185		20	70		10				120	75	45	38	12			13	132	57	370				24	45		30	90	40	22.93
Roost:	AM	2	2	3	2	2	2	2	3	2	2	2	2	2	2	2	3	2	3	2	2	3	3	2	2	2	3	2	3			
Roost:	PM	2	3	2	2	2	2	3	2	2	2	2	2	2	2	3	2	3	2	2	3	3	2	2	2	3	2	3	2			
Roost Sites		1	Slangkop			2	Ocean View			3	Compass Bakery			4	Witsand			5	Other													
ID Features of Baboons																																
General remarks	<i>Red, bold and italics text indicates raids at Rodgers Farm and the City waste disposal site.</i>																															

Figure 11: The Slangkop Troop’s raid sheet for May 2018.

SOUTH WEST REGIONAL SUMMARY:

Births and Deaths

- On 2 May 2018, a new infant was reported in the Slangkop Troop.

Recommendations

- Management of the Slangkop Troop should improve if the patches of **invasive alien plants** situated **above Ocean View** and **below the Compass Bakery Sleep Site** are removed. This issue has been addressed with South African National Parks (SANParks) and is pending.
- All **fruiting trees or visible fruit** should be harvested from fruit trees in baboon-affected areas so that this is not an attractant for baboons.
- Baboon-proof bins** should be used by commercial businesses in **Heron Park** to prevent raiding.

NORTHERN REGION – AREA MANAGER: STEPHANUS FERREIRA

1. TOKAI TROOP

In Town Statistics

- Time out of town for the troop was 100% for May 2018.
- Time out of town for individuals was 100%.
- The troop mostly slept at the tea garden during this month.

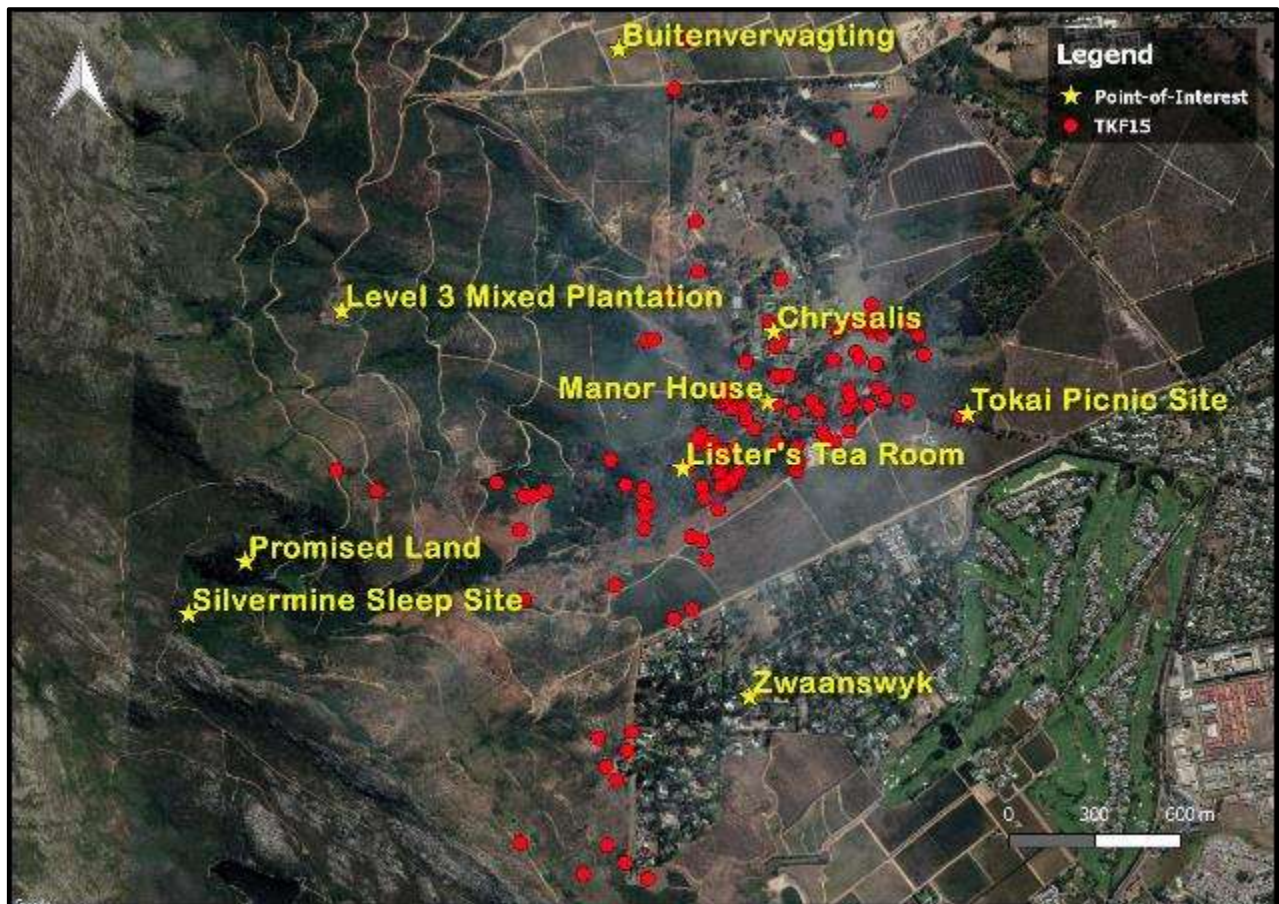


Figure 12: Tokai and Zwaanswyk Troop movements for May 2018. Data from HWS GPS Collar on TKF15.

Incidents affecting management

- On 1 May 2018, six untagged baboons from the Tokai Troop entered the Steenberg Wine Estate at Zone 35. The individuals spent 30 minutes inside the estate before moving back to the upper reservoir. No raids were recorded.
- On 10 May MT10, an adult male, was captured and tagged.
- On 25 May an untagged male found a box of unattended oranges at Chrysalis Academy and took a couple.
- MT10 raided an occupied building at Chrysalis and stole a loaf of bread on 15 May.

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:	TOKAI	2	Raid bins	5	Raid unoccupied house or vehicle	8	Breaking & Entering/Damaging property																								
MONTH: MAY	YEAR: 2018	3	Non malicious damage	6	Raid occupied house or vehicle	9	Nocturnal Raiding																								
BABOON ID	Sex	28	29	30	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	TOTAL	
Un ID Male	M																														
Un ID Female	F																														
Un ID Female	F																														
Un ID Female	F																														
Un ID Juvenile																															
MT10																				6										1	
Tokai Troop																															
		TIME SPENT IN TOWN (Minutes)																										HRS			
	%																														
Troop	0.0																														0.00
Individuals	0.0																														0.00
Roost:	AM	6	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	6	1	6	6	1	1	1	1	1	1		
Roost:	PM	1	1	1	1	1	1	5	1	1	1	1	1	1	1	1	1	1	6	1	6	6	1	1	1	1	1	1	1		
Roost Sites	1	Tea Garden			2	Level 1 Zwk Gums			3	Level 2 Stream			4	Level 4 Pines			5	Upper Tea Garden													
	6	Manor House Pines			7	Picnic Site 1			8	Picnic Site 2			9	Middle Plantation			10	Tokai Bridge													
	11	Silvermine Pines			12	Level 3 Mixed Plantation			13	Other			14	Picnic Site 3			15	Level 5 Lookout													
	16	Guest House Pines			17	Chrysalis Gums			18	Mike's Stables Pines			19	Lower Reservoir			20	127 ZWK													
	21				22				23				24				25														
ID Features of Baboons																															
General remarks	<i>Bold and italics indicate non - urban raids.</i>																														

Figure 13: The Tokai Troop’s raid sheet for May 2018.

2. ZWAANSWYK TROOP

In Town Statistics

- Time out of town for the Zwaanswyk Troop was 100% for May 2018.
- Time out of town for individuals was 99.58%
- The troop mostly slept at the Tea garden during May 2018.

Incidents

- On 5 May 2018, TK53 and an untagged female crossed Orpen road and ran to the Cape Academy. HWS rangers managed to prevent them from raiding and they were back with the troop after 25 minutes.
- On 19 May, an untagged male took food from a picnic table at the SANParks’ Picnic site in Tokai.

HWS: TROOP MONTHLY REPORT																														
SECTOR		CLASSES OF BEHAVIOUR																												
SOUTH EAST		1	In urban area	4	Attacking pets	7	Threatening behaviour/attack/stealing food	2	Raid bins	5	Raid unoccupied house or vehicle	8	Breaking & Entering/Damaging property	3	Non malicious damage	6	Raid occupied house or vehicle	9	Nocturnal Raiding											
BABOON TROOP:	ZWAANSWYK																													
MONTH: MAY	YEAR: 2018																													
BABOON ID	Sex	28	29	30	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	TOTAL
MT8 (Green-W) VHF Collar	M																													
TK53 (Orange-Y)	M								1																					1
Un ID Male	M						7																7							2
Un ID Female x 6	M																													
Un ID Female	F								1																					1
Un ID Female	F																													
Un ID Female	F																													
Un ID Female	F																													
Un ID Juvenile																														
Zwaanswyk Troop																														
		%	TIME SPENT IN TOWN (Minutes)																								HRS			
Troop		0.0																												0.00
Individuals		0.1							25																					0.42
Roost:	AM	6.7	1	1	1.7	14	1	1	1	8	8	6	1	1	1.6	6	8	1	1	1	1	6	6	6	18	6	6	1	1	1.6
Roost:	PM	1	1	1.7	14	1	1	1	8	8	6	1	1	1.6	6	8	1	1	1	1	6	6	6	18	6	6	1	1	1.6	1
Roost Sites	1	Tea Garden`				2	Level 1 Zwk Gums				3	Level 2 Stream				4	Level 4 Pines				5	Upper Tea Garden								
	6	Manor House Pines				7	Picnic Site 1				8	Picnic Site 2				9	Middle Plantation				10	Tokai Bridge								
	11	Silvermine Pines				12	Level 3 Mixed Plantation				13	Other				14	Picnic Site 3				15	Level 5 Lookout								
	16	Guest House Pines				17	Chrysalis Gums				18	Mike's Stables Pines				19	Lowe Reservoir				20	127 ZWK								
	21					22					23					24					25									
ID Features of Baboons																														
General remarks		Bold and <i>italics</i> indicate non-urban raids.																												

Figure 14: The Zwaanswyk Troop’s raid sheet for May 2018.

3. CONSTANTIA TROOP 1 (CT1)

In Town Statistics

- Time out of town for the troop was 100% during May 2018.
- Time out of town for individuals was 100%.
- The troop mostly slept at the Upper gums and Bike Trails Sleep sites during this month.

Incidents affecting management

- There were no incidents that affected the management of CT1 during May 2018. The troop stayed out of urban area and no raids were recorded.



Figure 15: Constantia Troop 1 movements for May 2018. Data from HWS GPS Collar on CON15.

4. CONSTANTIA TROOP 2 (CT2)

In Town Statistics

- Time out of town for the troop was 100% during this month.
- Time out of town for individuals was 100%.
- The troop mostly slept at the Buitenverwagting Gums Sleep Site during May 2018.

Incidents

- There were no incidents that affected the management of CT2 during May 2018. The troop stayed out of urban areas and no raids were recorded.

5. MOUNTAIN TROOP

In Town Statistics

- Time out of town for the troop was 100% during May.
- Time out of town for individuals was 100%.
- The troop mostly slept at the Buitenverwagting Gums Sleep Site during this month.

Incidents affecting management:

- There were no incidents that affected the management of Mountain Troop during May 2018. The troop stayed out of urban areas and no raids were recorded.

NORTH REGIONAL SUMMARY:

Births and Deaths

- There were no births in the North during May 2018.
- There were two deaths in the North during May 2018. On 12 May a dead juvenile was discovered in the CT1 Troop. The cause of death was unknown. On 21 May an untagged blind sub-adult male from the Mountain Troop was euthanased for human reasons, following veterinary assessment.

Recommendations

- 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 and raiding picnickers.
- **Regular maintenance and upgrades to electrified perimeter fences on wine estates** will reduce baboon incursions on wine farms. **Regular trimming and removal of overhanging trees** and closing of excavations would also reduce baboon access to farms.
- Measures such as storing food in secure areas will aid in a reduction of baboon attractants and lead to reduced raiding at **Chrysalis Academy**.
- Measures such as the **baboon-proofing of private and staff houses on wine estates** in the range of the northern troops will aid in a reduction of baboon attractions and lead to reduced raiding on wine farms.
- **Regular fence inspection along the Zwaanswyk fence** would aid in identifying areas where baboons can gain entry as soon as possible.
- **Telephone poles inside Steenberg Wine Estate should be baboon-proofed** to prevent baboons utilising these poles to to gain entry into Zwaanswyk residential area.

C. GENERAL COMMENTS ON ALL BABOON TROOPS

1. POPULATION DATA

During May 2018, there were four births and three deaths in the managed troops. The managed population has therefore increased by one, taking the total to 464 individuals. There were four births and one death in the south and no births and two deaths in the north this month.

TROOP	Total December Populations						MAY 2018			Total Births 2018	Total Deaths 2018	Emigration/Immigration 2018	TOTAL CURRENT POPULATION
	2012	2013	2014	2015	2016	2017	Births	Deaths	Emigration / Immigration				
Da Gama Troop	54	45	43	49	55	55	2	0		12	3		64
Smitswinkel Bay	23	21	22	23	33	33	0	1		0	1		32
Waterfall	28	30	30	32	37	38	1	0		6	0		44
Groot Olifantsbos	19	13	17	16	22	25	0	0		0	0		25
Misty Cliffs	18	16	14	11	0	0	0	0		0	0		0
Slangkop	33	32	36	41	40	42	1	0		1	0		43
SUB TOTAL	175	157	162	172	187	193	4	1		19	4		208
Zwaanswyk	25	26	28	30	29	25	0	0		1	3	2	25
Tokai	61	65	72	62	67	71	0	0		5	2		74
Mountain	33	44	48	49	52	64	0	1		3	4	-1	62
Constantia 1 & 2	60	63	70	77	84	93	0	1		7	4	-1	95
SUB TOTAL	179	198	218	218	232	253	0	2		16	13		256
TOTAL	354	355	380	390	419	446	4	3		35	17		464

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

Deaths	2012*	2013	2014	2015	2016	2017	MAY 2018	2018 to Date	TOTAL
Management	17	16	8	7	7	12	0	1	68
Human Induced (HID)	8	7	10	11	7	6	0	1	50
Direct **	8	6	6	8	4	3	0	1	36
Indirect ***	0	1	4	3	3	3	0	0	14
Natural	7	30	19	33	16	28	2	6	139
Unknown	1	3	0	4	7	13	1	9	37
TOTAL	33	56	37	55	37	59	3	17	294

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.

2. HOTLINE DATA

During May 2018, there were 83 raid-related calls in managed areas. This is a decrease of 8 calls from last month (April 2018). The most calls were from Simon’s Town, Welcome Glen, Capri and Scarborough. There were no calls from the northern section except for one call from the wine farms.

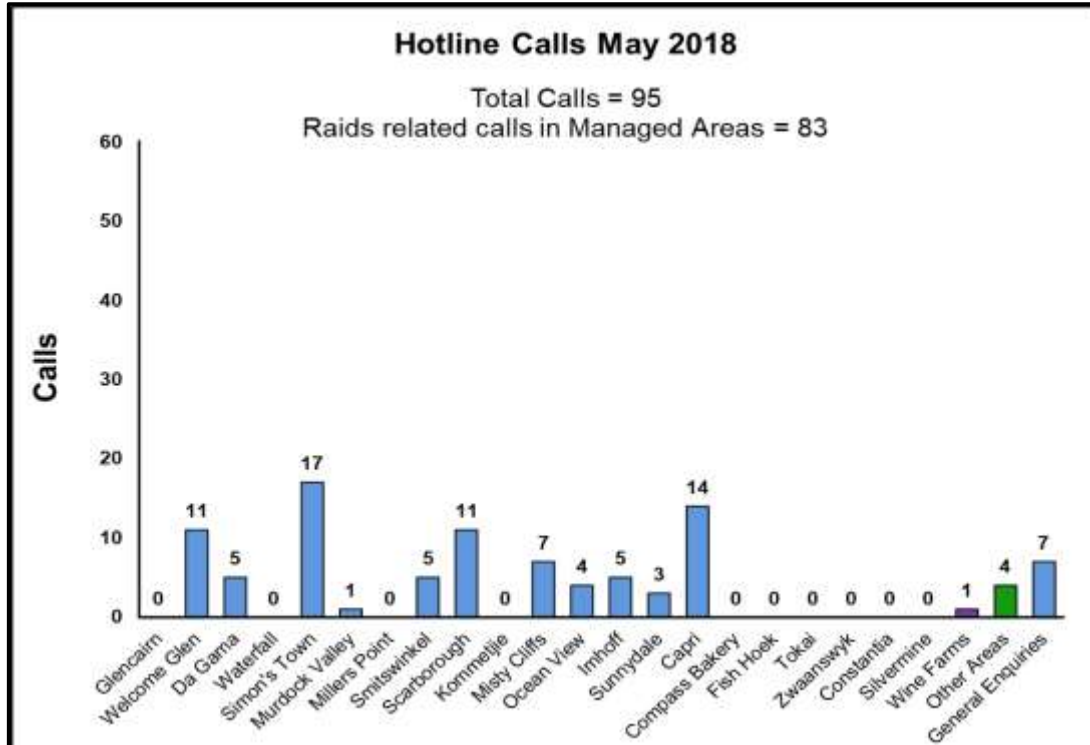


Figure 16: Hotline calls summary per urban area for May 2018.

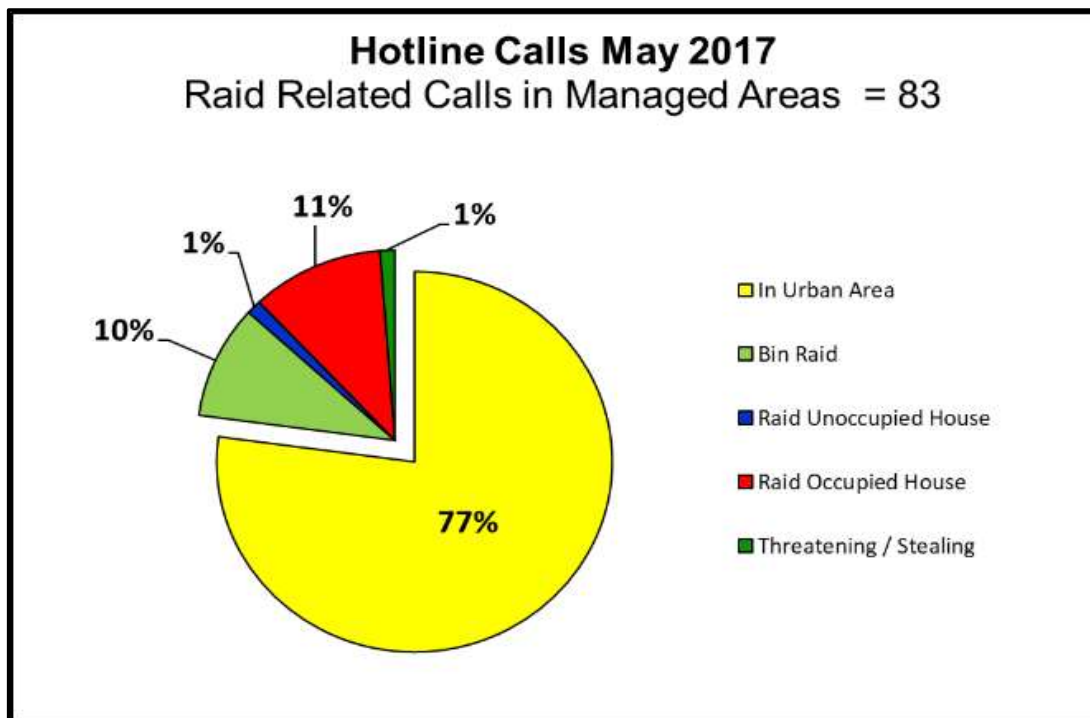


Figure 17: Composition of raid-related hotline calls during May 2018. Raid related hotline calls are calls reporting managed baboons in urban areas. Managed Areas are those areas in which managed baboon troops raid. Other Areas represent those areas, beyond the urban edge or the range of managed baboons.

3. PERCENTAGE TIME OUT OF TOWN

The percentage of time that the troops spent out of town this month remained 99.8%. Only the Da Gama Troop spent more than an hour in town this month, 4.75 hours. The Slangkop Troop spent only 30 minutes in total in town this month. Individuals averaged 94.1% of their time out of town. Individuals from the Waterfall, Da Gama, GOB and Slangkop Troops, again spent more than 5% of time in town this month.

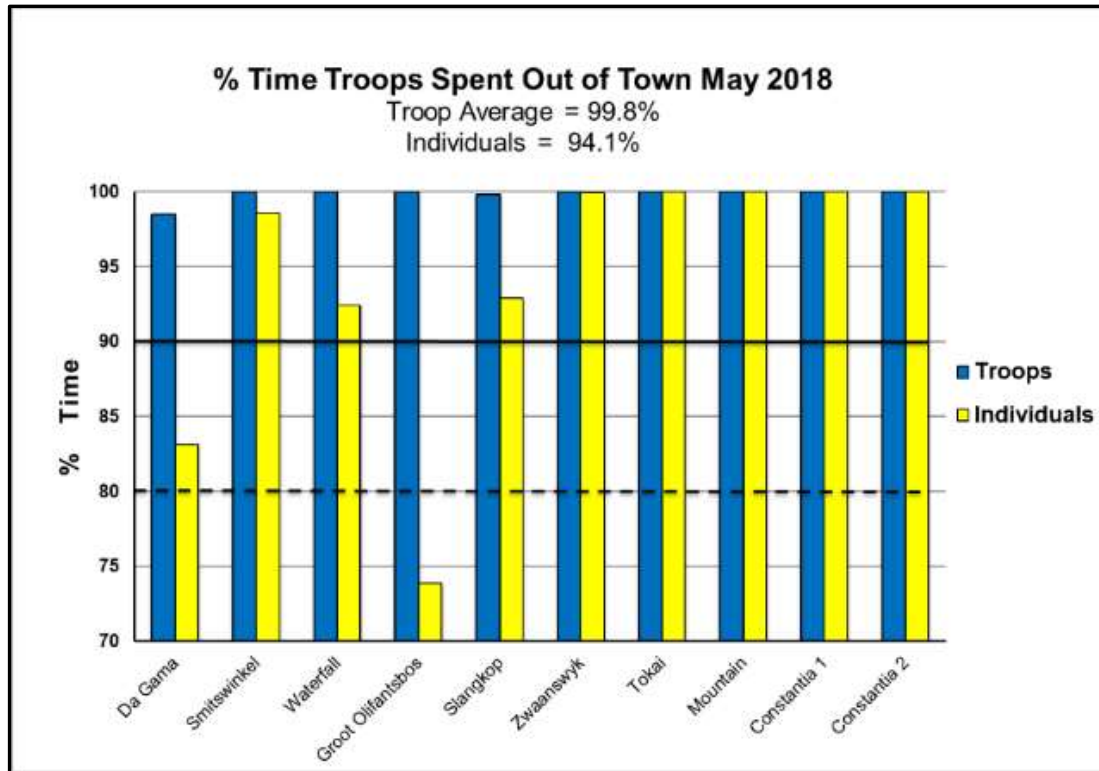


Figure 18: Percentage time troops spent out of town (May 2018). The solid line indicates the City of Cape Town's 2014 contract requirement and the broken line indicates the 2012 contract requirement.

D. CONCLUSION

With winter now in full swing, the baboons have been determined to utilise the lower lying areas for foraging. Individuals in the Da Gama, Waterfall and Slangkop Troops have been pushing hard to gain access to the urban areas and time out of town for individuals has subsequently also decreased to 94.1% for individuals. This situation has been exacerbated by a young adult male in the Slangkop Troop that made several forays into the urban area. The two adult males in the Da Gama Troop have been fighting over dominance and this has led to them entering the urban area, or females running away from them into the urban area.

Dr Phil Richardson

HUMAN WILDLIFE SOLUTIONS (PTY) LTD