



Human Wildlife Solutions

Monthly Report

July 2014

Photograph: John de Jager

TABLE OF CONTENTS	Page
A. REPORTING PERIOD	3
B. BABOON MANAGEMENT AND RAID REPORTING	3
SOUTH EAST REGION	
1. Smitswinkel Troop	3
2. Waterfall Troop	4
3. Da Gama Troops (DG)	5
Births and Deaths	7
Recommendations	8
SOUTH WEST REGION	
1. Groot Olifantsbos Troop (GOB)	8
2. Misty Cliffs Splinter Troop	9
3. Slangkop Troop	11
Births and Deaths	12
Recommendations	12
NORTH REGION	
1. Tokai Main Troop (TMT)	13
2. Zwaanswyk Splinter Troop (ZST)	15
3. Constantia Troop	16
4. Mountain Troop	17
Births and Deaths	17
Recommendations	18
C. GENERAL COMMENTS ON ALL BABOON TROOPS	
Population Data	18
Hotline Data	19
Percentage Time Out of Town	20
Conclusion	21

A. INTRODUCTION

This month's report covers the five-week period from 21 June to 25 July 2014. The baboon management data for July is very similar to that for June. Both are mid-winter months typified by high rainfall, cold and lack of food from a baboon point of view. Raiding at this time generally peaks for both troops and individuals but, once again, most raids were committed by members of the Da Gama and Misty Cliffs Troops. One new development this month is that a few individuals from the Constantia Troop took to raiding residences along Price Drive after a long period of abstinence. The troop however, has remained contained above or in the wine farms.

The one positive observation for this year in general, is that the population of managed troops seems to be remaining stable; i.e. numbers of births and deaths are much the same and, up to the end of this reporting period, there have only been three management deaths this year. This information is positive because it suggests that the incidence and duration of raids has decreased to the extent that the artificial feeding of baboons has declined significantly. Thus, human derived foods (HDF's) may no longer be stimulating breeding in the baboons and their breeding rates may be declining to levels that are more natural.

B. BABOON MANAGEMENT AND RAID REPORTING

South Eastern Region – Area Manager: Ziggy Rode

1. Smitswinkel Troop

The Smitswinkel Troop had a very similar month to the June reporting period, with no raids recorded and only seven incidents of the troop being 'in town' which relates to the Castle Rock area when the baboons moved past the houses to get to the coast. During this reporting period, the troop remained in the Castle Rock and Rockland's farm area, which seems to be a trend for the troop during the winter season. On several occasions during the month, the troop remained very high up and did not come down to the road at all.

On 24 July, the troop moved from Castle Rock to the Smitswinkel caves. However, at around 18h00, the rangers found a very young juvenile that had remained behind, hiding in a hole in the Castle Rock area. The rangers stayed in the vicinity but there was no sign of the mother when it got dark.

After some consideration, it was decided to leave the juvenile there and return in the morning. The following day it was apparent that the troop had come down to Smitswinkel early and that the juvenile had returned to the troop.

SECTOR		CLASSES OF BEHAVIOUR																																				
SE		1 In urban area							4 Attacking pets							7 Threatening behaviour/attack/stealing food																						
BABOON TROOP: Smitswinkel		2 Raid bins							5 Raid unoccupied house or vehicle							8 Breaking & Entering/Damaging property																						
MONTH: July 2014		3 Non malicious damage							6 Raid occupied house or vehicle																													
BABOON ID	Sex	21	22	23	24	25	26	27	28	29	30	31	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
SWB1	M		1		1																																	2
SWB6	M																																					0
Troop			1	1	1	1					1							1			1																7	
UnID Fem	F																																				0	
SWBF8	F																																				0	
SWB9																																					0	
UNID Male	M																																				0	
SWB7	M		1																																		1	
	%																																					
Troop	0.43	15	15	15	5						5							5			5															1.08		
Individuals	0.00																																			0.00		
Males	0.13	15		5																																0.33		
Roost:	AM	5	5	4	6	6	5	5	4	4	6	4	4	6	4	4	5	6	1	5	5	5	5	6	2	4	4	5	5	5	5	5	5	5	4	1		
Roost:	PM	5	4	6	6	5	5	5	4	6	4	4	5	4	4	5	6	1	5	5	6	5	5	6	6	4	6	5	5	5	5	5	5	5	1	6		
Roost Sites		1 Smits Caves							2 Partridge Point							3 Bluegums							4 Millers Point							5 Rocklands Farm								
ID Features of Baboons		6 Castle Rock																																				
General remarks		7 SANParks																																				
		SWB1: Collar + blue & white tag, SWB6 = Red/Blue tags + collar																																				
		Town/Urban area = Millers Point boat launching area, caravan park, Black Marlin, Castle Rock Houses, Smitswinkel Bay houses																																				

Fig.1. Smitswinkel Troop Raid Sheet

2. Waterfall Troop

Unlike the Smitswinkel Troop, the Waterfall Troop was increasingly difficult to manage during this reporting period. Certain members of the troop, together with two adult males, became increasingly comfortable with raiding at the South African Naval Ammunition Depot (SANAD).

As in previous months, the baboons gained access to bins, offices, the kitchen and mess room, all of which are not baboon-proof. A further meeting involving CapeNature, the City of Cape Town and HWS was held with SANAD, with the aim of resolving persistent problems at this site.

Both adult male baboons went to SANAD, along with a few females and several juveniles. This seemed to trigger old raiding habits and the troop started moving towards the Red Hill settlement. Both adult males led smaller raiding parties towards the settlement, but the rangers managed to block them and push them back up the mountain. They also ventured onto the Cape Farmhouse property and raided the kitchen but, as rangers have been denied access to the property, HWS was unable to assist in moving the baboons off the property.

On 10 July, WF2 was cornered in an office at SANAD, and in an attempt to get out, he jumped up on the curtains and pulled the railing off before exiting through the window.

On 11 July, WF2 once again raided at SANAD, raiding the kitchen and taking 5 litres of ice cream from the freezer.

On 26 June and 3 July, the troop followed WF2 and pushed towards Simon's Town. Rangers blocked them at Signal School and pushed them back to the Klaasjagersberg sleep site.

On 24 July, they unfortunately managed to break the line and went back to the Waterfall Barracks and Happy Valley Shelter where they spent two days raiding. The consequence of this is

that the ranger team will need to put in extra effort and resources to ensure that the troop reverts to 0% raiding.

HWS: TROOP MONTHLY REPORT																											
SECTOR		CLASSES OF BEHAVIOUR																									
SE		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: Waterfall		1	In urban area				4	Attacking pets				7	Threatening behaviour/attack/stealing food														
MONTH: July		2	Raid bins				5	Raid unoccupied house or vehicle				8	Breaking & Entering/Damaging property														
2014		3	Non malicious damage				6	Raid occupied house or vehicle																			
Troop																											
RH2	M		6	5,2																							
WF2	M			2																							
WFF3	F																										
WF4																											
UnID Females	F																										
UnID Juveniles																											
UnID Male	M																										
WFF2	F																										
UnID Individuals																											
	%																										
Troop	0.6																										
Females/Individuals	0.6																										
Males	0.8			25																							
Roost:	AM	9	9	9	9	9	3	10	9	9	9	9	9	3	9	9	9	10	10	9	10	10	9	10	10	10	
Roost:	PM	9	9	9	9	3	10	9	9	9	9	3	9	10	9	9	10	10	9	10	10	9	10	10	10	10	
Roost Sites	1	Waterfall Cliff				2	Happy Valley Mnt				3	Signal School				4	Waterfall Barracks				5	Mountain Residents side					
	6	Admiral footpath				7	Not found				8	Happy Valley Home				9	Red Hill				10	SANDF					
	11	Mountain CoGHN				12	Gate 3 - Plateau Road				13	Rocklands farm				14	North peak										
ID Features of Baboons	WF2 - yellow&blue tag. RH2 - double yellow tags + collar, adult male WFF1 - three legs																										
General remarks	Italics - raiding on farms Naval Ammunition depot area indicated in red																										

Fig.2. Waterfall Troop Raid Sheet

3. Da Gama Troop

As during the past few months, the Da Gama Troop continued to be difficult to manage as there is currently a lot of splitting-up and re-joining within the troop. DG10, together with a few females and juveniles, either sleeps separate from the troop or within close proximity to the troop.

DG10 and DG11 continued to break the line and enter Welcome Glen on a daily basis. They specifically frequent Glenalpine and Glenoak Roads, and regularly enter specific houses which suggests that they are either intentionally fed, or they are feeding on bird seeds, compost heaps or other sources of food. DG1 also raids frequently, either alone or with females, entering Da Gama Park at the top near 16th Avenue. DG1 also occasionally joins the younger males (DG10 and DG11) in Welcome Glen.

Another major contributing factor to the increasing raiding in Da Gama Park and Welcome Glen is the breakdown in sound waste management and lack of implementation of recommendations within the suburb and at the Naval flats. (See Fig.3 over page).

This deterioration in waste management has severely hampered management efforts to rehabilitate the troop and keep them out of the urban area, and has led to the troop sleeping more often in Da Gama and/or Welcome Glen rather than settling at Grootkop.

DG1, DG10 and DG11 have also started leading raiding parties to Pinehaven and raiding bins. On 13 July, DG1 and DG10 led the troop to Scarborough where they entered town but were pushed out without raiding. Subsequently, they went back to Scarborough twice and on one of these

occasions, residents on a farm threw fire crackers at them which pushed the troop into the Perdekloof picnic site.

On 23 July, DG10 and DG11 raided one of the farms in the area by breaking a window to gain access to the house.

It has become even more evident that once raiding behaviour is triggered, it consequently leads to increased raiding. It is therefore particularly important that, once the raiding habit has been broken, it must not be compromised as even one raid can lead to the resumption of the raiding cycle.



(a)



(b)



(c)



(d)

Fig.3. (a), (b), (c), (d). Da Gama Park on bin collection day (July 2014).



Fig.4. Movement of the troop, which, during this reporting period, covered a large range.

HWS: TROOP MONTHLY REPORT																															
SECTOR		CLASSES OF BEHAVIOUR																													
SOUTH EAST		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:	Da Gama	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																					
MONTH:	July																														
Troop																											6				
SK3	M																										6				
DG1	M	2,6																									11				
DG10	M																										13				
DG11	M	2,6																									9				
DGF1	F	2																									3				
DGF2	F	2																									7				
UnID Female	F	2																									10				
UnID Female	F	2																									7				
UnID Male	M	2																									4				
UnID Juvs		2																									9				
	%	TIME SPENT IN TOWN (Minutes)																										HRS			
Troop	3.4	260																									11.08				
Individuals	17.1	260																									54.92				
Males	15.4	260																									49.58				
Roost:	AM	20	1,2,25	2	11	20	20	26	20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
Roost:	PM	20	2	11	20	20	26	20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2					
Roost Sites		1	Flats	2	Pines - Flats	3	Pines - Da Gama	4	Pines - Welcome Glen	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 Pines	20	Grootkop	21	16th Avenue, DG	22	Lewis Gay Dam	23	Pinehaven	24	Kleinplaas dam	25	3rd Avenue, Da Gama										
	ID Features of Baboons	DG1: Collar + blue & yellow tags; DG10: Collar + white tags SK3: Collar + green & yellow tags; DGF1: collar + blue & white tags																													
	General remarks	26 - means that the Da Gama Troop slept just out of Scarborough																													

Fig.5. Da Gama Troop Raid Sheet

Births and Deaths

During mid-July, a female in the Smitswinkel troop was seen carrying a dead infant.
 On 13 July, one birth took place in the Da Gama Troop.
 On 25 July, one new born was seen in the Smitswinkel Troop.

RECOMMENDATIONS

SANAD: Baboon-proofing recommendations urgently need to be implemented.

SANAD: Fruit trees need to be removed from the site.

Smitswinkel Troop: Collaring of SWB1 and two sub-adults is urgently required to manage these animals pro-actively.

Waterfall Troop: In order to manage the troop effectively it is necessary to collar both WF2 and an adult female as RH2 is currently the only baboon with a collar and is not often in the same location as the troop.

On-going education and law enforcement is desperately needed in Da Gama Park and along the tourist routes.

Waste management needs urgent attention especially at the Da Gama Park flats where a new waste disposal system needs to be developed. Waste management at houses in Da Gama Park also needs to be addressed as it has deteriorated back to the same state as in 2012.

Red Hill: Waste management and education is needed at the Red Hill informal settlement and on the surrounding farms.

South Western Region – Area Manager: Nick Shaw

1. Groot Olifantsbos Troop (GOB)

The GOB Troop has moved between the Bonteberg and Red Hill roost sites during the month of July. During June, the troop managed to enter Scarborough late in the evening and slept in Scarborough on three separate occasions.

Fortunately, this trend has not been repeated in July when the troops spent a significant amount of time at the Red Hill roost site and slept in a stand of pines next to the vineyard.

There have been numerous reports of the troop moving onto the Cape Farmhouse property where they have raided and attempted to raid houses on the property as well as on the farm opposite. With limited access to the troop when they are on farmland in the Red Hill area, it is not possible to monitor the activities of the troop at all times.

At no time during July did the troop, or individuals from the troop, enter Scarborough.

Over page is a map of the GPS collar data for the month of July 2014.

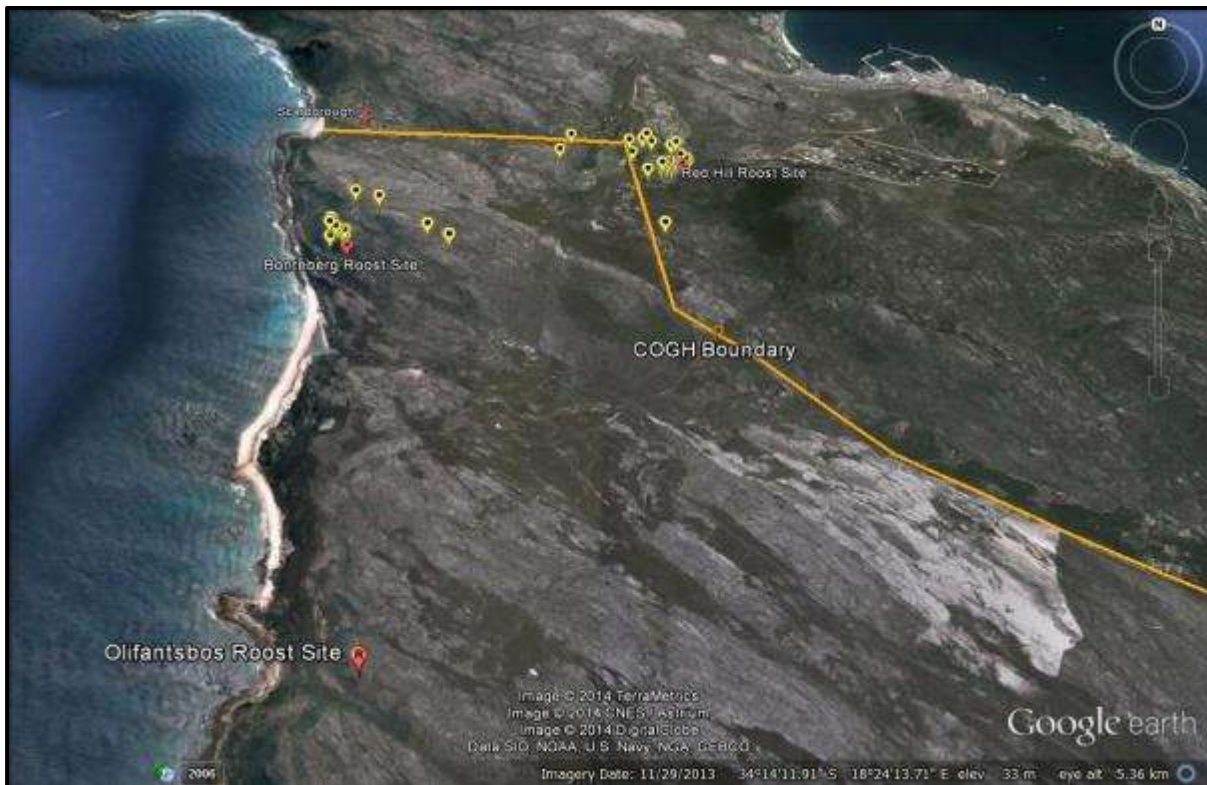


Fig.6. Roost sites and GPS points for the GOB troop – July 2014

2. Misty Cliffs Splinter Troop (MC)

The Misty Cliffs Troop spent the majority of the month at the Misty Cliffs roost site. On 19 July, the troop was moved back into the Reserve and held there for a few days until they returned to Misty Cliffs on the morning of 24 July.

This month, the pattern of raiding mirrors the pattern seen in July 2013. These months saw the troop spending the most amount of time in the urban areas compared with all other months of the year.

The reduced available forage and easy access to human derived foods in the urban space make it very difficult to keep individual animals out of town. Even when the ranger team is able to hold the troop up in the mountain, individual animals will peel off and run for Scarborough on their own.

This month, as in recent months, the challenge has been the three individuals comprising GOB9 and two females, MCF2 and MCF3. These individuals are persistent in their attempts to break the line and, even when the troop has been pushed far from the urban edge, they do not give up in their attempts to run for Scarborough.

Once these individuals run off, the remaining troop becomes difficult to manage and inevitably scatter over a large area in their attempts to evade the ranger team.

HWS: TROOP MONTHLY REPORT																																							
SECTOR		CLASSES OF BEHAVIOUR																																					
BABOON TROOP: Misty Cliffs		1 In urban area	4 Attacking pets	7 Threatening behaviour/attack/stealing food																																			
MONTH: July		2 Raid bins	5 Raid unoccupied house or vehicle	8 Breaking & Entering/Damaging property																																			
YEAR: 2014		3 Non malicious damage	6 Raid occupied house or vehicle	9 Nocturnal raiding																																			
BABOON ID	Sex	21	22	23	24	25	26	27	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			
GOB9	M	2,5	2	2	2	2	2	2	2	2	2,6				2		2	2	2	2,6	1				6	2	2	2	2			2				2	2	24	
MCF2	F	2,5	2	2	2	2	2	2	2	2	2				2		2	2	2	2,6	1					2	2	2	2							2	2	21	
MCF3	F	2,5	2	2	2	2	2	2	2	2	2				2		2	2	2	2,6	1					2	2	2	2								2	2	21
Troop		2		2	2	2	2	2	2	2	2				2		2	2	2	2,6	1					2	2	2	2								2	2	17
		TIME SPENT IN TOWN (Minutes)																										HRS											
Troop	12.3	300		240	90	180	180			300	120				90		300	120	180	30							180	105	240			20			180	240	51h35		
Males & Females	13.6	300	60	240	90	180	180			120	300	120				90		300	90	120	180	30				30	60	180	105	240			20			180	240	57h55	
Roost:	AM	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Roost:	PM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		1 Misty Cliffs	2 CoGH Reserve		3		4		5				6		7		8		9		10																		
ID Features of Baboons	GOB9 has a VHF collar and Pink/White tags																																						
General remarks																																							

Fig.7. Raid Sheet for Misty Cliffs Splinter Troop – July 2014

July Raids:

On 9 July, two occupied houses were raided in Springbok and Duiker Roads, Scarborough.

On 14 July, GOB9 raided an occupied house in Beach Rd, Scarborough.

Comments and Observations

The MC Troop has spent a significant amount of time in Scarborough this month. The relatively few number of house raids compared with the amount of time in town can possibly be attributed to the winter weather that encourages residents to keep doors and windows closed. There still is however, much food to be gained from unsecured rubbish bins and composting bins in Scarborough.

Although the troop's sleep site is located close to Misty Cliffs, individuals in the troop (in particular GOB9, MCF2 and MCF3) only seem interested in heading to Scarborough to raid. This is most likely due to better waste management and food from houses not being freely available in Misty Cliffs. The troop will only head into Misty Cliffs if they are prevented from accessing Scarborough.

Tracking the movements of the troop on the mountain above Scarborough in stormy and misty weather conditions is challenging and often results in individuals breaking the line and heading for town. Once the troop enters Scarborough, they scatter and hide on properties for long periods, especially in wet weather where they find shelter amongst the houses. These factors, coupled with reduced natural forage and freely available food in Scarborough make managing the troop in the winter months especially challenging.

3. Slangkop Troop

The Slangkop Troop has spent time at both the C2 and C3 roost sites. The cold, rainy weather makes the pines at the C2 roost site more attractive at this time of year.

The map below shows the movements of the troop for this month.

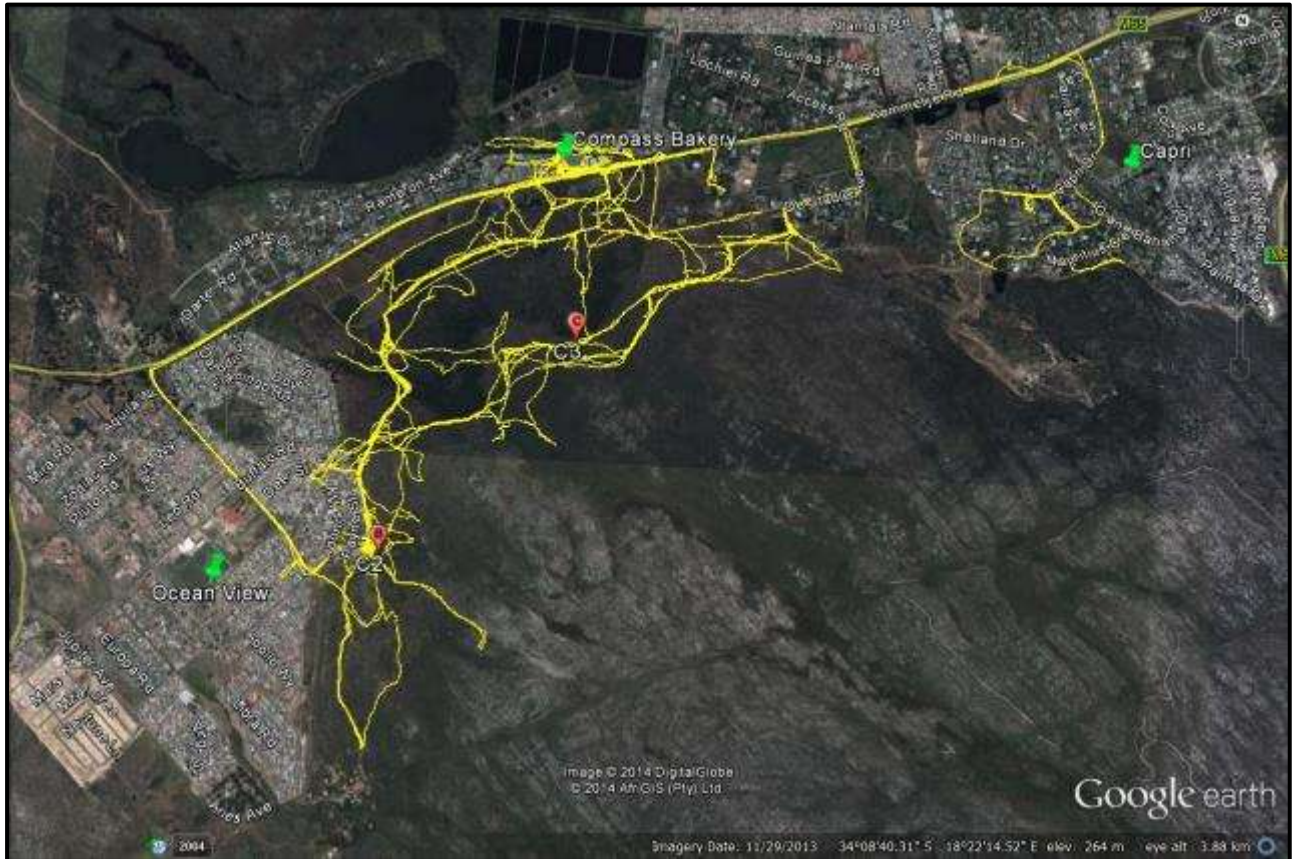


Fig. 8. Data logger map for the Slangkop Troop – July 2014

SECTOR		CLASSES OF BEHAVIOUR																																																	
BABOON TROOP: Slangkop		1 In urban area	4 Attacking pets	7 Threatening behaviour/attack/stealing food																																															
MONTH: July		2 Raid bins	5 Raid unoccupied house or vehicle	8 Breaking & Entering/Damaging property																																															
YEAR: 2014		3 Non malicious damage	6 Raid occupied house or vehicle																																																
BABOON ID	Sex	21	22	23	24	25	26	27	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														
DG6	M	2				2	2				2							2							2	2			2	2,7	2	2	2	2	2	2	14														
SKF1	F	2				2					2,5							2							2	2	1		2	2	2	2	2	2	2	2	14														
SKF2	F	2				2					2							2							2	2			2	2	2	2	2	2	2	2	12														
SKF3	F	2				2					2							2							2	2			2	2	2	2	2	2	2	2	12														
Troop						2												2								2			2	2	2	2	2	2	2	2	9														
		TIME SPENT IN TOWN (Minutes)																												HRS																					
Troop	1.6					40												20																		75	40	90	60	25	60	06h50									
Males + Females	2.1	30				40	10				15							20								20	15	20							75	40	90	20	60	25	60	09h00									
Roost:	AM	2	2	2	2	2	2	2	2	2	2	3	3	2	3	2	3	2	3	2	3	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	2	2	2												
Roost:	PM	2	2	2	2	2	2	2	2	2	3	3	2	3	2	3	2	3	2	3	2	2	2	3	3	3	2	2	2	2	2	2	3	3	3	3	3	2	2	2											
Roost Sites		1 Slangkop		2 Ocean View		3 Compass Bakery		4 Witsand		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25	
ID Features of Baboons		DG6 has a yellow cable tie tag																																																	
General remarks																																																			

Fig.9. Raid Information Sheet for Slangkop Troop – July 2014

July Raids:

All but two raids by the troop this month were of bins at Compass Bakery.

On 1 July, DG6, SKF1, SKF2 and SKF3, as well as a couple of juveniles, entered Capri but were pushed out after twenty minutes. SKF1 entered a house in Jamaica Dr, which was the only house raid reported for this month.

On 18 July, the troop entered Imhoff's Gift down Atlantic Dr but the team was following close behind and managed to push them out so that no raids took place. After being pushed out of Imhoff's Gift, the troop headed down the road to Compass Bakery.

Comments and Observations

This month, the biggest challenge has been preventing the troop from crossing Kommetjie Rd to raid Compass Bakery. Access to food from bins at the Bakery is a constant attractant. The municipal dumpsite was also been raided this month by a few individuals whereas the majority of the troop has been at Compass Bakery.

During the month of July, the team was able to hold the troop in the mountain above Ocean View for longer periods than in previous months, which has helped to reduce raiding of Ocean View and Capri.

On 19 July, the troop entered Compass Bakery where they found discarded bananas and flour in the bins behind the bakery. It took the team half-an-hour to get the troop back across Kommetjie Rd, but they subsequently realised that a juvenile had remained behind at the bins.

The alpha male, DG6, ran back toward the road when he saw the juvenile was still at the bakery, but a ranger tried to stop him from crossing the road by blocking his path. DG6 charged straight at the ranger and grabbed his arm. There was a tussle when the ranger attempted to pull his arm back and DG6 bit him on the hand. After this, DG6 ran back up to the troop and the juvenile was pushed out of the bakery to join the troop. The ranger was taken to False Bay hospital where he received a single stitch to his finger.

Births and Deaths

There were no births or deaths recorded for any troop this month.

RECOMMENDATIONS

GOB Troop: As far as possible, the movements of the troop must be monitored in the Red Hill area. There is still a good chance that, given the opportunity, the troop will head to Scarborough. As the weather improves, the troop should return to the Olifantsbos area as they did in 2013.

This will indicate a return to the utilisation of the whole of their home range and not just select areas close to other areas that offer raiding opportunities.

Misty Cliffs Splinter Troop: The on-going strategy for the troop will be to try to return them to the Reserve from where they, and the GOB troop, can be more effectively managed. Towards the end of July, there was an attempt to move the troop into the Reserve and hold them there but this was only successful for a few days. It is hoped that August will be a time when the troop is more easily held in the Reserve, as was the trend in 2013.

Slangkop Troop: The troop has targeted the bins at Compass Bakery for a second month. Because of freely available food here as well as at the Municipal waste depot, the troop has not raided in the urban areas much. When crossing Kommetjie Rd, the troop is always at risk of fast moving traffic, especially when the troop breaks the line high up in the mountain and reaches the road before the rangers arrive to halt traffic. For this reason and as far as possible, the troop must be prevented from being able to access Kommetjie Rd. Towards the end of August it should, once again, be possible to hold the troop up in the mountains for longer periods of time which will reduce the chances of the troop getting down to Kommetjie Rd. This trend was observed in August 2013.

Northern Region – Area Manager: Robyn Khoury

This month has been challenging as the foul weather has incentivised the baboons to push into the lower lying areas of both Tokai and Constantia, and as a result, raids have increased this month in both Tokai and Constantia.

1. Tokai Troop

The Tokai Troop has been difficult to manage this month and has been pushing down to the lower lying areas of Tokai Plantation, specifically around the Arboretum and Chrysalis, and raiding has therefore increased.

Many bin raids have occurred around Chrysalis, the Tokai picnic site, and the Arboretum, with TK40 and TK39 being particularly prominent raiders.

TK39 appears to be challenging TK28 for the position of alpha. This has sparked aggressive behaviour by TK39 towards other baboons and humans. On several occasions, TK39 has approached people and intimidated them, resulting in them giving up their food. In addition, TK39 has attacked and chased TK40 out of the troop, which has resulted in TK40 leaving the troop and becoming harder to manage.

TK40, accompanied by a female with an infant, have slept apart from the troop on several occasions. Additionally, they have spent most of the day away from the troop on numerous occasions in the past month and have been difficult to keep track of. On 24 July, TK40 was collared.

Twice this month, TK40 and the female ventured deep into the urban area around Firgrove, and on several other occasions made it to the Cape Academy before the rangers found them and turned them back. During these excursions, no house raids were evident. It seems that TK40 was only interested in getting away from the troop, and potentially TK39.

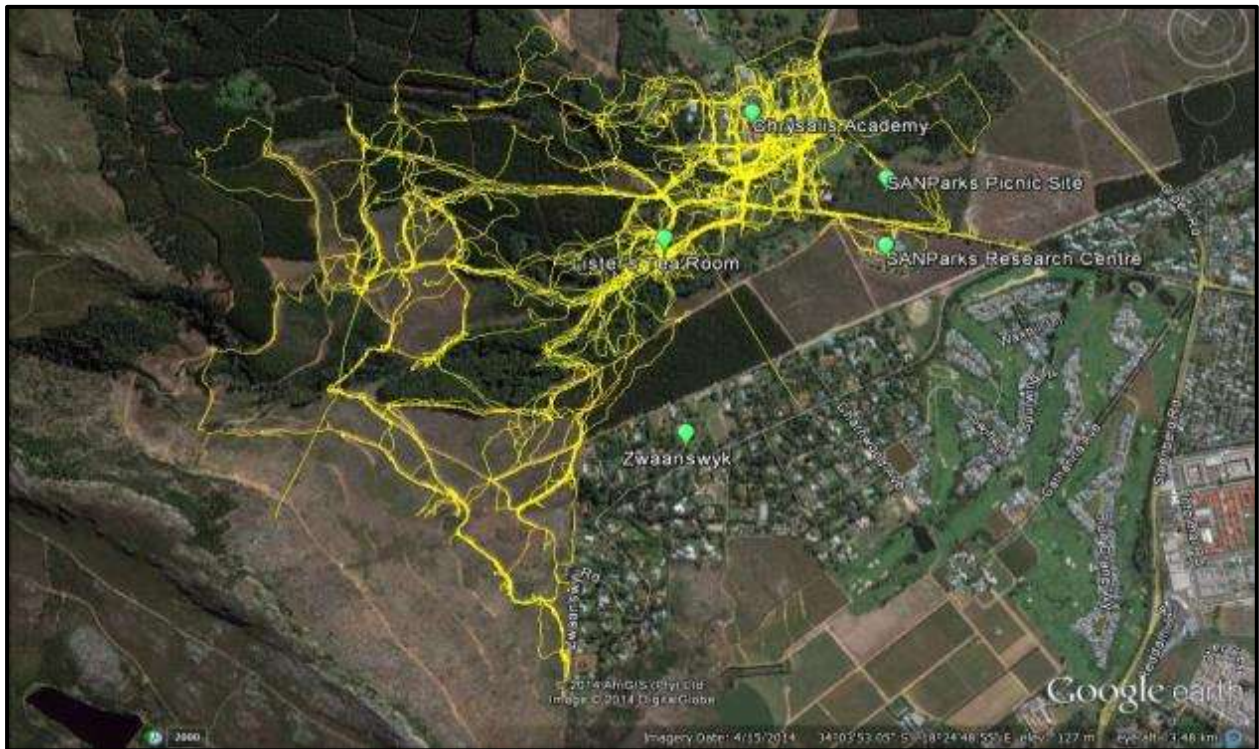


Fig.10. Tracking data of the Tokai Troop for the July 2014 reporting period.

HWS: TROOP MONTHLY REPORT																																					
SECTOR		CLASSES OF BEHAVIOUR																																			
North		1	In urban area	4	Attacking pets	7	Threatening behaviour/attack/stealing food from person																														
BABOON TROOP:	Tokai Trp	2	Raid bins	5	Raid unoccupied house or vehicle	8	Breaking & Entering/Damaging property																														
MONTH:	June - July	3	Non malicious damage	6	Raid occupied house or vehicle	9	Nocturnal Raiding																														
YEAR:	2014																																				
BABOON ID	Sex	21	22	23	24	25	26	27	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
Tokai Troop																					2																1
TK 24 (W-W) Collar	M								1,2,5					1																							4
TK 28 (B-G) Collar	M								5														2,2				2			5,5,5	2						8
TK 39 (G-R)	M	7					2		6	6				2,6							7				7,7		2,2,7									15	
TK 40 (P-Y)	M				2		2		5,5	2	6									5			7,7		2,2	2	2,3		5,5,5	2	5	1,7				21	
TK 41 (Single Pink)	M	2																													2					2	
TK 42 (Blue Yellow)	M	5																																		1	
UnID male	M	2					2																						2	5	2	2				6	
UnID Sub ad male	M						2																													1	
UnID Female	F				2					2																					1	2	1,7			7	
UnID Juvenile	M						2			2																							5			3	
TIME SPENT IN TOWN (Minutes)																																					
	%																											HRS									
Tokai Troop	0.0																											0.00									
Individuals	0.9																											6.00									
Males	1.3																											4.25									
Roost:																																					
Roost:	AM	1	1	3	6	1	6	1	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Roost:	PM	1	3	6	1	6	1	1	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Roost Sites	1	Tea Garden										2	Upper Tea Garden					3	Level 1 Tokai Clearing					4	Level 1 Zwk Blue Gums					5	Level 2 Stream						
	6	Lower Guest House					7	Upper Guest House					8	Level 3 Pines					9	Level 4 Pines					10	Level 2 Pines											
ID Features of Baboons	11	Level 1a Quarry Gums					12	Other					13						14						15												
General remarks																																					

Fig.11. Raid sheet for Tokai Troop, July 2014. Italics indicate raids that occurred in non-urban areas.

This month, two deaths took place in the Tokai Troop. On 6 July, an old adult female that was blind in one eye, was involved in a baboon-on-baboon fight, which resulted in injury to the remaining good eye and rendered her completely blind. The baboon was tranquilised by the City's appointed veterinarian, and examined. Her body condition was very poor, and furthermore, it was unlikely that her eye injury would heal. Therefore, for humane reasons, she was euthanased on 7 July.

On 10 July, TK24, an old male in the Tokai Troop, was involved in an altercation with dogs near Porters Market. He was found later that morning in a very poor condition and was subsequently tranquilised by the City's appointed veterinarian. The wounds were cleaned and treated, and he was moved to the Westlake holding facility in the hope that he would recover.

HWS and the City's appointed veterinarian did all they could to help, however the following day he succumbed to his injuries, and died.

On a more positive note, a new infant was born into the troop on 24 July.

2. Zwaanswyk Troop

The Zwaanswyk Troop spent much of this month in the lower levels of Tokai Plantation and, as the weather warmed up, started spending a few full days up the mountains near the Zwaanswyk Fence. For the earlier part of this reporting period, the Zwaanswyk Troop was fairly quiet although there was a spike in bin raids at the skips on Chrysalis and at the Tokai Picnic area during the middle of the month.

HWS rangers are working hard to keep the troop from escalating these raids into more serious categories of raiding behaviour.

HWS: TROOP MONTHLY REPORT																																					
SECTOR		CLASSES OF BEHAVIOUR																																			
North		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:	Zwaanswyk Trp	In urban area		Attacking pets		Threatening behaviour/attack/stealing food from person																															
MONTH: June - July	YEAR:2014	Raid bins		Raid unoccupied house or vehicle		Breaking & Entering/Damaging property																															
		Non malicious damage		Raid occupied house or vehicle		Nocturnal Raiding																															
BABOON ID	Sex	21	22	23	24	25	26	27	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
Zwaanswyk Troop (ZT)																																					0
Untagged Adult Male	M																			2				2,2,2,2	2,2,2							2,2,2				11	
TKF 4 (Grey)	F																																				0
TKF 5 (Green)	F																																				0
TKF 7 (Red)	F																															2				1	
Sub adult	M																												2	8	2					3	
Un-ID fem	F																							2,2,2,2	2,2,2											7	
Un-ID Juvenile																																					0
		TIME SPENT IN TOWN (Minutes)																										HRS									
Zwaanswyk Troop	0.0																																				0.00
Individuals	0.0																																				0.00
Males	0.0																																				0.00
Roost:	AM	11	8	4	8	11	8	1	8	4	1	8	1	1	1	1	8	8	8	1	8	8	8	1	8	8	11	1	8	1	1	8	1	8	8	1	
Roost:	PM	8	4	8	11	8	1	8	4	1	8	1	1	1	1	8	1	1	1	8	8	1	8	8	1	8	8	11	1	8	11	1	8	1	1		
Roost Sites	1	Tea Garden					2	Upper Tea Garden					3	Level 1 Tokai Clearing					4	Level 1 Zwk Blue Gums					5	Level 2 Stream											
	6	Lower Guest House					7	Upper Guest House					8	Manor House					9	Tokai bridge Blue Gums					10	Level 2 Pines											
11	Other					12						13						14						15													
ID Features of Baboons																																					
General remarks																																					

Fig.12. Raid sheet for Zwaanswyk Troop, July 2014. Italics indicate raids that occurred in the non-urban area.

3. Constantia Troop

This month, the Constantia Troop has spent much of its time foraging on Groot Constantia and in the natural areas above the wine farms.

On many occasions, males left the troop and went to either raid the restaurants on Groot Constantia, or in the urban area.

TK15, TK16, CON5 and CON7 have been the worst restaurant raiders this month. They steal food off occupied tables at the restaurants, and raid the kitchen and bins. HWS rangers assist with chasing these animals away whenever possible.

There were instances of baboons entering the urban area to raid houses in Price Dr, Ou Wingerd Rd and Bellair Dr and, on each occasion, HWS rangers were able to herd the baboons back to the troop.

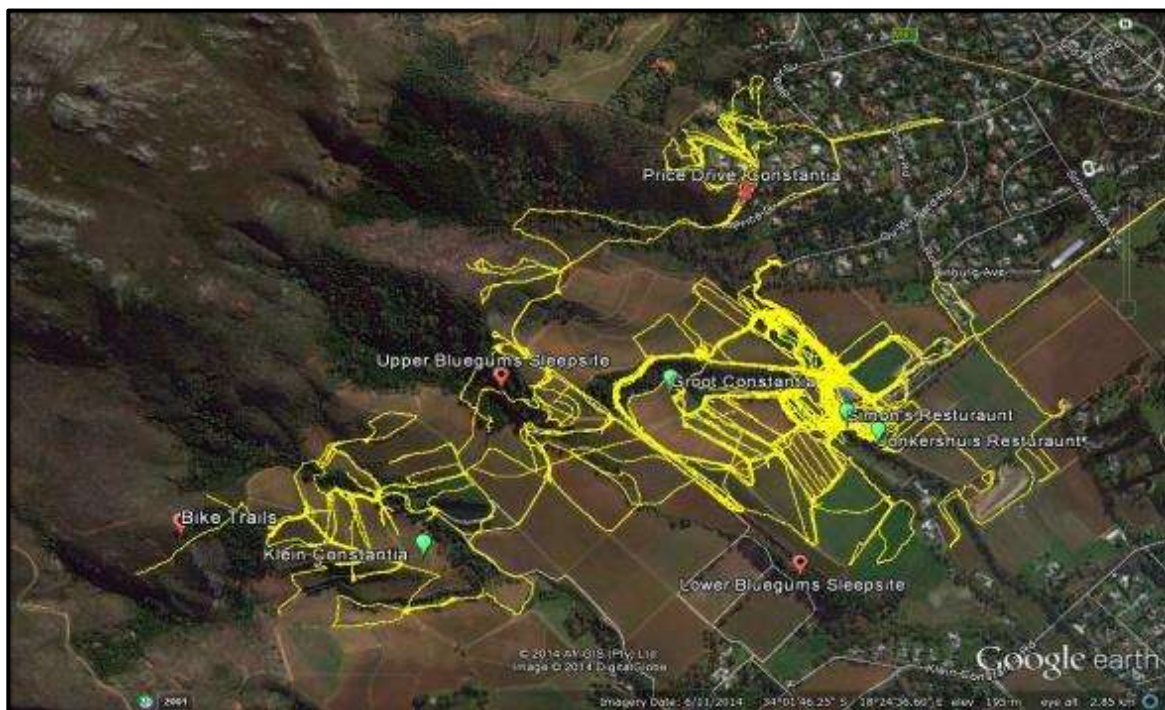


Fig.13. Tracking data for the Constantia Troop for the July 2014 reporting period.

TK34, an old adult male, was noted missing on 28 June, and was subsequently found dead in Constantia on 2 July. An autopsy was carried out to determine cause of death and, on examination, several large puncture wounds were found which are suspected to have been sustained through an altercation with dogs.

The PhD research project that has been conducted on the males in Constantia has ended and all GPS enabled research collars have been removed from the eight male baboons.

While CON6 was tranquilised in order to remove the research collar, HWS took the opportunity to collar CON6 with a VHF collar. CON 6 has been spending much time away from the troop, and a VHF collar will help rangers track him.

A new infant was seen in this troop on 23 July.

HWS: TROOP MONTHLY REPORT																												
SECTOR		CLASSES OF BEHAVIOUR																										
North		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:	Constantia Trp	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 from person	Breaking & Entering/Damaging property	Nocturnal Raiding																		
MONTH: June - July	YEAR: 2014																											
TK 33 (R-O)	M	1																									8	
TK 34 (O-O)	M					2																					1	
TK 15 (Y-O)	M					1																					1	
TK 19 (R-W)	M																										10	
TK 16 (W-W)	M																										1	
TK 11 (O-W)	M					6																					2	
CON 1 (Untagged)	M																										0	
CON 2 (B-O) Collar VH	M																										1	
CON 3 (G) S.Ad	M																										0	
CON 4 (B) S.Ad	M																										0	
CON 5 (G-G)	M					6		7		2	5		6														15	
CON 6 (O) Collar VHF	M																										4	
CON 7 (P-G)	M					6	5				6	6,6	6														14	
MT 1 (G-W) Collar	M					6						6															2	
Untagged male	M																										0	
Un-ID fem / Juv	F	1																									1	
Untagged/Unknown	M					1																					1	
The Troop																												
	%	TIME SPENT IN TOWN (Minutes)																										HRS
Con Troop	0.0																											0.00
Individuals	0.0																											0.00
Males	3.8	45	30	20			60	20	40	40			15	60	30													15.83
Roost:	AM	7	2	2	2	2	2	2	2	1,2	2	2	1,2	2	2	2	2	2										
Roost:	PM	2	2	2	2	2	2	1,2	2	2	2	1,2	2	2	2	2	2											
Roost Sites		1	6																									
ID Features of Baboons																												
General remarks																												

Fig.14. Raid sheet for Constantia Troop, July 2014. Italics indicate raids that occurred in the non-urban area.

4. Mountain Troop

As usual, the Mountain Troop was scarcely seen this month as they continued to range on and above the Buitenverwachting farm. On one occasion, the troop defended their territory and chased the Tokai Troop off the farm.

The Mountain Troop has been following the trend of the other Northern Troops and has been pushing into the lower lying areas to escape the foul weather. Four adult males were reported raiding on Buitenverwachting and, throughout the month, the Mountain Troop males raided staff houses and cellars on the property, as well as houses at Hassiesvlei and Klein Constantia. These are rare occurrences however, and are all classed as non-urban raids. With the improving weather, the Mountain Troop should move to the top of Buitenverwachting and cease raiding.

Births and Deaths

An old adult female in the Tokai Troop was euthanased for humane reasons on 7 July.

TK24, from the Tokai Troop, was involved in an altercation with dogs and died of his injuries on 11 July.

TK34, also from the Tokai Troop, was found dead on 2 July. It is suspected that he died as a result of injuries sustained through an altercation with dogs.

Two infants were born this month. One in the Tokai Troop on 24 July, and one in the Constantia Troop on 23 July.

RECOMMENDATIONS

Dogs on leashes: It is highly recommended that dogs that are being walked in baboon-frequented areas should be kept on a leash at all times and that signage be erected to this effect. Dogs or baboons can incite aggressive behaviour from either side, and this may have severe consequences for both species involved.

C. GENERAL COMMENTS ON ALL BABOON TROOPS**Population Data**

Over the past month there have been five births and four deaths, so the managed population increased by one. This pattern seems to have been the trend for the whole of 2014.

**Population Data for the Ten Managed Troops
on the Cape Peninsula**

TROOP	Total End Dec 2012	Total End Dec 2013	July Births	July Deaths	Total Births 2014	Total Deaths 2014	TOTAL CURRENT POPULATION
Da Gama Troop	54	44	1		1	3	42
Smitswinkel Bay	23	21	2	1	3	3	21
Waterfall	28	30			0	1	29
Groot Olifantsbos	19	19			0	0	19
Misty Cliffs Splinter	18	17			0	1	16
Slangkop	33	40			1	1	40
SUB TOTAL	175	171	3	1	5	9	167
Zwaanswyk	25	30			1	3	28
Tokai	61	70	1	3	9	7	72
Mountain	33	44			3	0	47
Constantia	60	72	1		2	6	68
SUB TOTAL	179	216	2	3	15	16	215
TOTAL	354	387	5	4	20	25	382

Fig.15. Population data for the ten managed troops on the Cape Peninsula.

During the 2013 year the managed population increased by 33 from 354 to 387. This was despite the fact that 11 babies and juveniles were killed by infanticide in the Da Gama big troop, and 17 adults or sub adults were euthanased for management reasons.

This year to date, there have been only a few cases of infanticide and only three management euthanasias.

Thus, the population seems to be stabilising and not increasing at the alarming rate that it has been for the past few years. HWS assumes that this is because the baboon troops are now

being kept out of town for approximately 98% of the time, and therefore they are deriving much less energy from human derived foods than they did in the past.

This hopefully means that this population of baboons will now revert to reproducing at a more natural rate than in the past and that the population will stop increasing (with all its associated problems).

Hotline Data

This month the raiding pattern reflected in the hotline data remains very similar to that in June, except that raids into Welcome Glen have been contained to a certain extent, and raids by individuals into the Price Drive region of Constantia have increased. There are now at least eight adult males in this troop, so it is not surprising that a few of them have been pushing to raid town, given the general lack of food at this time of year.

Nevertheless, most of these raids have been of short duration before the rangers have managed to push the offending male baboons back out of the residential area.

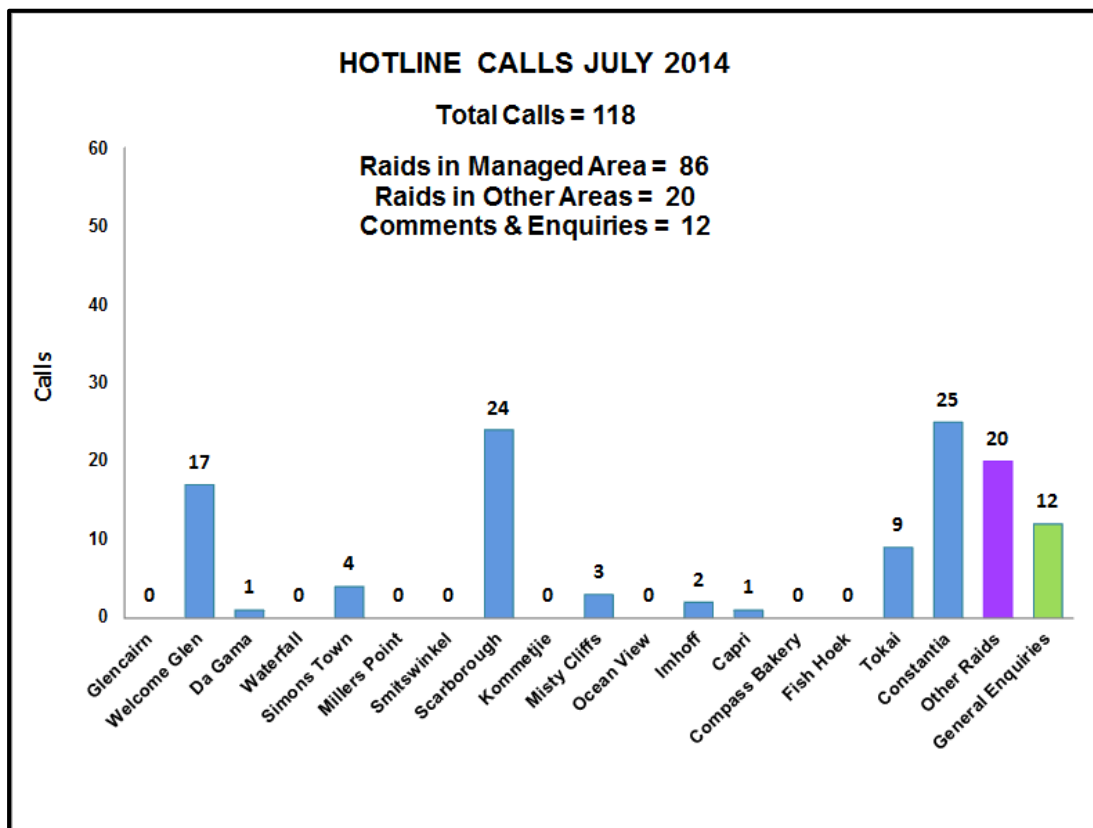


Fig.16. Hotline calls summary per area.

In the pattern of raiding this month, over 75% of raids are still just reporting baboons being seen in town. However, bin raids have increased, mainly for Da Gama and Welcome Glen, as well as raiding of occupied houses.

Raiding of occupied houses is consistently higher than that for unoccupied houses, and this presumably relates to the fact that it is easier to gain access into these houses because they are generally not locked when occupied.

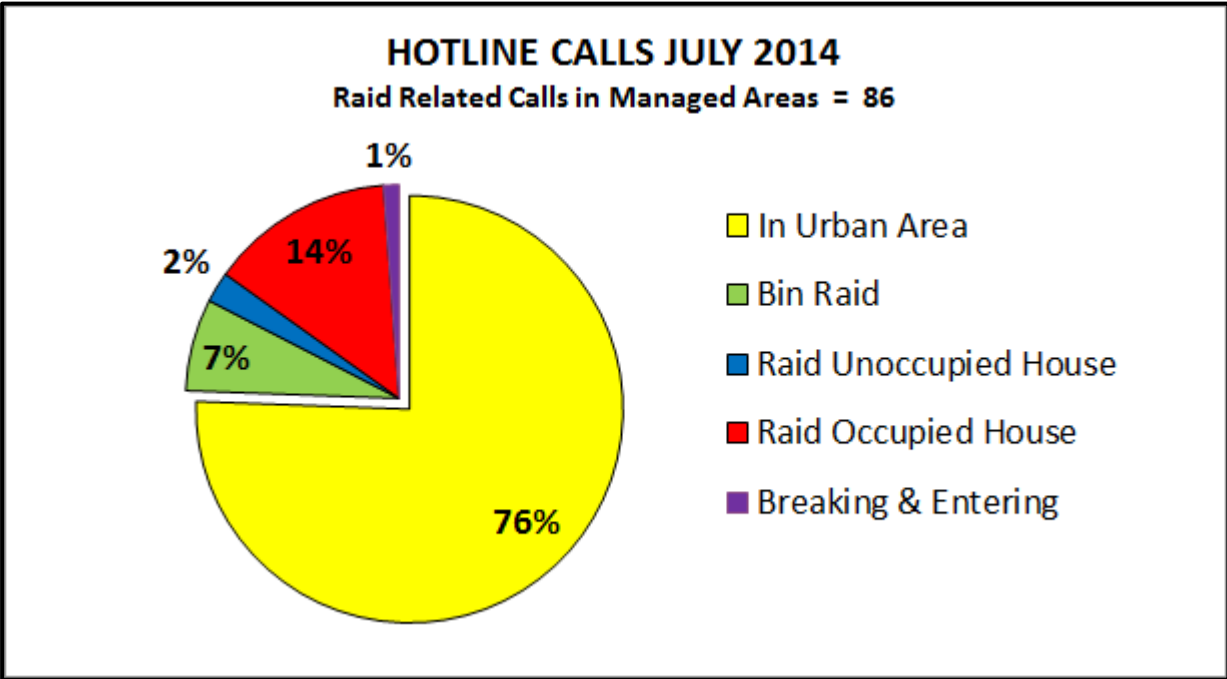


Fig.17. Raid-related hotline calls.

Percentage Time out of Town

Despite almost all troops attempting to raid more now that it is mid winter, most were still well contained and remained over 99% out of town. The Misty Cliffs and Da Gama troops were the normal exceptions with both individuals and the troop averaging about 86% of time out of town.

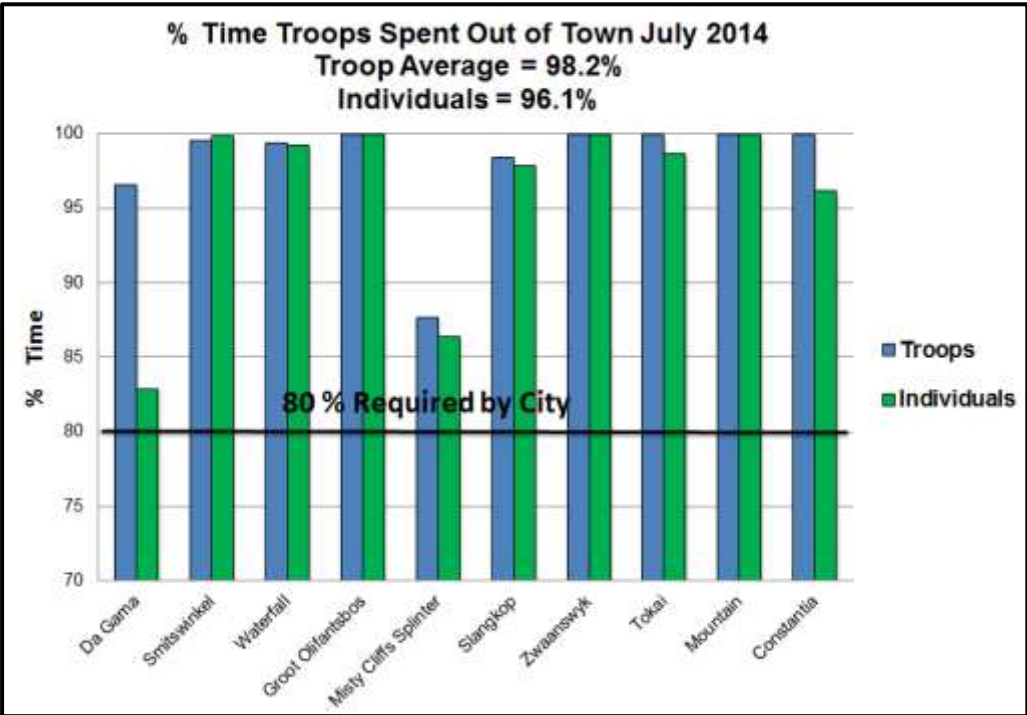


Fig.18. Percentage time troops spent out of town for the reporting period.

Most raids into town occurred as a result of small splinter groups breaking away and thus reducing the number of rangers that could stay behind to control the troop.

Conclusion

The general behaviour of all troops over the past month was typical for mid-winter. The weather is wet and cold, there is little natural vegetation for the baboons to eat, so the baboons' incentive to raid town for HDFs is at its greatest. Despite this, most troops stayed out of town for over 99% of the time, and the average for all troops was 98.2%. The number of raid-related hot line calls was also typical for this time of year, at 86 raids.

The most significant observation this month is that the number of births and deaths continue to remain similar. The significance of this, is that the population this year has not continued to grow as in previous years, but has stayed more or less constant. This is a prerequisite if the baboon population is going to remain manageable. It is already likely to be over its carrying capacity for this region, and any further increase in the population will make it increasingly difficult to manage and increase human wildlife conflict to unacceptable levels.

These data are only for the first seven months of the year, but at this stage this is no evidence to suggest that there will be a sudden surge in births towards the end of the year. In the past there has been no indication of a breeding season, when more births are recorded.

Dr. Philip Richardson

Human Wildlife Solutions