



Photo: Stephanus Ferreira

Human Wildlife Solutions

Monthly Report

October 2018

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A. INTRODUCTION

This monthly report covers the period from 1 October to 31 October 2018. The temperatures have risen, and summer is definitely here now. The first two or three months of summer are usually the best in terms of baboon behaviour and management. The fynbos generally has plenty of forage for the baboons and there is still enough water after the winter rains. This means that troops tend to stay in the mountains and generally raid less at this time of the year. However, in October individuals still entered the urban areas quite regularly because there was always a variety of human derived foods available, such as waste, fruiting trees, vegetable gardens and compost heaps.

B. BABOON MANAGEMENT AND RAID REPORTING

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

1. SMITSWINKEL BAY TROOP

In Town Statistics

- The Smitswinkel Bay Troop spent 100% of time out of the urban area.
- Individuals spent 100% of time out of the urban area.
- The troop utilised its southern sleep sites for the majority, 71% of the month and the northern sleep sites for only 29% of the month.

Incidents that affected management

Troop Movement:

- The troop spent the majority of the month in the southern section of its ranging area.

| 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: OCTOBER | YEAR: 2018 | 3 | Non malicious damage | 6 | Raid occupied house or vehicle | 9 | Nocturnal Raiding | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BABOON ID | Sex | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL |
| SWB6 | M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| SWB10 | M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| 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 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.00 |
| Roost: | AM | 1 | 7 | 7 | 1 | 1 | 1 | 4 | 4 | 4 | 2 | 1 | 1 | 1 | 1 | 7 | 7 | 1 | 4 | 4 | 5 | 2 | 4 | 6 | 3 | 1 | 7 | 7 | 7 | 7 | 3 | 5 | |
| Roost: | PM | 7 | 7 | 1 | 1 | 1 | 4 | 4 | 4 | 2 | 1 | 1 | 1 | 1 | 7 | 7 | 1 | 4 | 4 | 5 | 2 | 4 | 6 | 3 | 1 | 7 | 7 | 7 | 7 | 1 | 5 | 2 | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

Births and Deaths

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

2. WATERFALL TROOP

In Town Statistics

- The Waterfall Troop spent 100% of its time out of the urban area this month.
- Individuals spent 98,7% of time out of the urban area
- Raids on City of Cape Town land accounted for only 14% of their total raids. The remaining 86% of raids, took place on South African Navy properties.
- The Waterfall Troop predominantly slept at the South African Naval Depot (SANAD) Sleep Site this month (58%). The remainder was spent between the Waterfall Cliffs, Happy Valley and North Peak Sleep Sites.

| 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 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL | |
| BABOON TROOP: | WATERFALL | 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 | | | | | | | | | | | | | | | |
| MONTH: OCTOBER | YEAR: 2018 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BABOON ID | Sex | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL | |
| CON4 | M | 2,2,2 | | | | 2 | | 2 | | | | | | | 2 | | | | | | | | | | | | | | | | 2 | | 7 | |
| WF5 | M | | 2 | | | | | 2 | | | | | | 2 | 2 | | 2 | | | | | | | 2,2 | 2,2 | | | | | | | 2,2 | | 11 |
| UnID Males | M | | | | | | | | | | | | | | | | | | | | | | | | 2,2 | | | | | | | | | 2 |
| UnID Females | F | | | | | | | | 2 | | | | | | | | | | | | | | | 2,2 | 2,2 | | | | | | | | | 5 |
| UnID Juveniles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| UnID Individuals | | | | 1 | 1 | 1 | | 2,2 | 2 | | | | | | 2 | | 5,6 | 2 | | | 5,5,6,6,2 | | 1,2,5,6 | | 2,2 | | | | 2 | | 5,6 | 2,2 | 26 | |
| Troop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | % | TIME SPENT IN TOWN (Minutes) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | HRS | | |
| Troop | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.00 |
| Individuals | 1.3 | | | 60 | 30 | 105 | | 10 | | | | | | | | | | | | | | | | | | | | | | | 20 | | 4.25 | |
| Roost: | AM | 10 | 10 | | 2 | 1 | 1 | 10 | 1 | 1 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 2 | 1 | 2 | 2 | 1 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 1 | 1 | 1 |
| Roost: | PM | 10 | 10 | | 2 | 1 | 1 | 10 | 1 | 1 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 2 | 1 | 2 | 2 | 1 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 1 | 1 | 10 |
| Roost Sites | | 1 | Waterfall Cliff | 2 | Happy Valley Mtn | 3 | Signal School | 4 | Admiral Footpath | 5 | Red Hill | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6 | Mountain CoGHN | 7 | Gate 3 - Plateau Road | 8 | Shamballah Pines | 9 | North Peak | 10 | SANAD | | | | | | | | | | | | | | | | | | | | | | | |
| | | 11 | Bungalow | 12 | Murdock Valley Cliffs | 13 | Rocklands Valley | 14 | Other | 15 | Quarry | | | | | | | | | | | | | | | | | | | | | | | |
| ID Features of Baboons | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General remarks | Red, Bold and Italics indicates raiding inside the South African Naval Ammunition Depot (SANAD) and Signal School. Black, Italics indicates raiding on farms. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 2: The Waterfall Troop raid sheet for October 2018.

Incidents that affected management

The South African Navy: Simon’s Town:

- Once again, the majority of raids took place on Navy land this month. With an absence of effective baboon-proofing in place, facilities belonging the South African Navy, continued to attractant baboons.
- Bins were raided at Navy facilities on 34 occasions this month. This constitutes towards 77% of total Navy raids.

Births and Deaths

There were no births or deaths in the Waterfall Troops this month.

3. DA GAMA TROOP

In Town Statistics

- Time out of town for the troop was 99.3%.
- The troop spent 19 nights out of town, sleeping at the Maylands, Else River Valley and Grootkop sleep sites.
- Individuals’ time out of town increased from 83.9% in September to 89.6% in October. Two adult females generally initiated breaking the line to get into the urban area.

Incidents that affected management

- The troop continued to forage mostly around the Maylands Sleep Site area as well as around the dams.
- On 7 October, one juvenile was attacked and injured by DG18, but the wounds sustained were not serious.
- On 11 October, two females entered Welcome Glen and gained access to a pet pig's food which was left outside. The baboons chased the pig away and then stole the food.
- On 14 October, DG18 and five females moved towards Scala Barracks, but they were blocked by HWS rangers just before they got there.
- On 27 October, a male juvenile was electrocuted on a H-pole close to Pinehaven. HWS monitored the juvenile. Luckily it did not sustain any severe wounds and recovered after three days.

Births and Deaths

One birth was reported in the Da Gama Troop this month. No deaths were recorded.

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

- One new-born was seen in the Da Gama Troop on 24 October 2018. No deaths were recorded in the South East this month.

Recommendations

- The Navy does not assign personnel to pull out the **baboon-proof bins from the bin-bays**. Waste collection trucks do not take the **bins out of the bin bay**. This impasse needs to be addressed by the City Waste teams and the SA Navy management because it is impacting on baboon management.
- **Baboon-proof bins** are needed at the **West Yard** of the **Navy docks** to prevent baboon raids. The **cafeteria** at the **West Yard** also needs to **be baboon-proofed**.
- All vegetable gardens should be baboon-proofed, and residents should refrain from planting and nurturing fruit trees in baboon-affected areas. Alternatively, all fruit should be removed from fruiting trees.
- Residents at the **Waterfall Barracks** and **Happy Valley Shelter** should **keep their doors and windows closed** and their food out of the sight of baboons, when they are not there to prevent raids.
- Law enforcement is urgently needed in the South East to prevent the illegal use paintball markers and pellet guns by residents, who use these to deter baboons.
- **Poor waste management** at the South African Naval Armament Depot (**SANAD**) and the **Waterfall Barracks** needs to be addressed. If waste management is improved, baboons will not be able gain access to food so easily and fewer baboon incidences will be recorded.

- A **solution** for the ‘**What’s Ya Flava**’ café in Simon’s Town needs to be found to prevent baboons from raiding the shop, but still making it easily accessible for customers.
- The **use of clear recycling bags** in baboon-affected areas **should be re-evaluated** as this remains an attractant for baboons.
- **Waste and recycling collection** should be **prioritised in baboon-affected areas** and collected early to avoid becoming an attractant to baboons.

SOUTH WESTERN REGION – AREA MANAGER: CATH SHUTTE

1. GROOT OLIFANTSBOS TROOP (GOB)

In Town Statistics

- The GOB Troop spent the entire month of October 2018 within the Cape of Good Hope (CoGH) section of the Table Mountain National Park (TMNP).
- The three GOB females (also referred to as the GOB individuals) and their three juveniles, roosted at the Misty Cliffs Sleep Site for the majority of October. However, on one night, they roosted within the park.
- These individuals spent 77% of their time out of the urban area this month.

| 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 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL | |
| BABOON TROOP: | GOB | 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 | 31 | TOTAL | |
| MONTH: OCTOBER | YEAR: 2018 | 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 | 31 | TOTAL | |
| Unld Males | M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| Females | F | 1 | 1 | | 1 | 6 | 1 | 1 | 1,2,2 | 1 | 1 | 1 | | 1 | 1,6 | 1 | | 1 | 1 | 1 | 1 | | 1 | 5 | 1 | 1 | | 1,6 | 1 | 1,6 | 1 | | 30 | |
| Unld Individuals | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| Juveniles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| Troop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| | % | TIME SPENT IN TOWN (Minutes) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | HRS | | | |
| Troop | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.00 | | |
| Individuals | 23.0 | 313 | 425 | | 165 | 80 | 25 | | 32 | 120 | 346 | | 355 | 305 | 145 | | 136 | 330 | 395 | 310 | | 65 | 15 | 180 | 145 | | 225 | 208 | 25 | 90 | 73.92 | | | |
| Roost: | AM | 2.1 | 2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | | | |
| Roost: | PM | 2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | | |
| Roost Sites | 1 | Misty Cliffs 1 | | | 2 | CoGH Reserve | | | 3 | Red Hill | | | 4 | Shamballah | | | 5 | Wildschutsbrand | | | | | | | | | | | | | | | | |
| | 6 | Perdekloof | | | 7 | CoGH Nursery | | | 8 | Misty Cliffs 2 | | | 9 | Gate 1 | | | | | | | | | | | | | | | | | | | | |
| ID Features of Baboons | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General remarks | <i>Black, bold and italics text indicates raids at SANParks.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 5: The GOB Troop raid sheet for October 2018.

Births and Deaths

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

2. THE SLANGKOP TROOP

In Town Statistics

- The troop spent 100% of time out of the urban area.
- Individuals spent 91,1% of time out of the urban area.
- The troop slept on the Compass Cliffs Sleep Site for 65% of the month and in the pine trees behind Ocean View for 35% of the month.

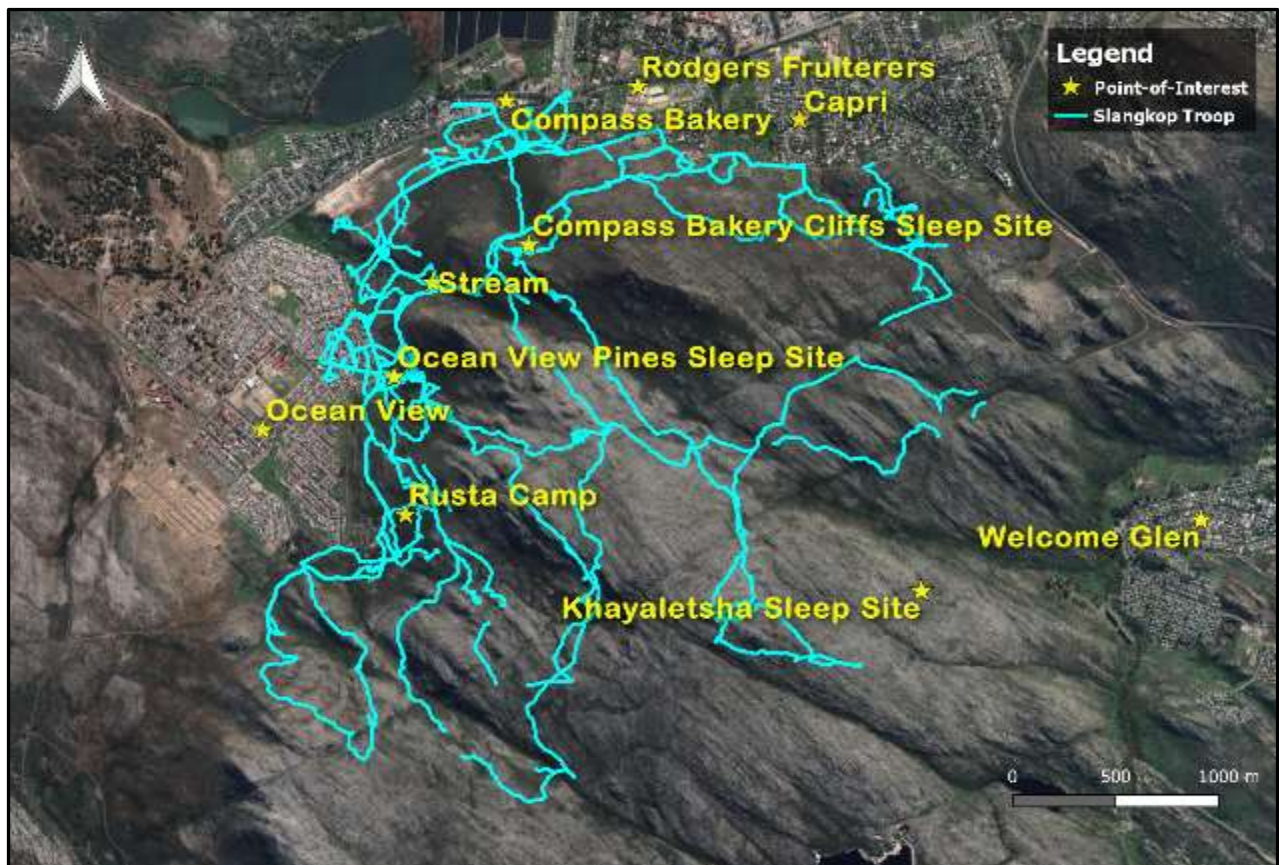


Figure 6: The Slangkop Troop's movement for October 2018.

Fruit Trees:

- Individual baboons continued to be attracted to the many fruit trees in Capri this month.
- Individual baboons entered Ocean View on 15 occasions this month to feed on fruit trees in Alcor Ave, Alpha Way and Comet and Callisto Roads.
- Fruiting trees attract baboons into the urban area, which in turn leads to an increase in human baboon conflict and risk of human induced injury.

Lack of baboon-proof bins:

- The lack of baboon-proof bins in areas that abut the troops' ranging area led to an increase in attractants to the urban area and an increase in accessible human derived foods.

| HWS: TROOP MONTHLY REPORT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|------------------------------|----------------------|----|----------------------------------|-----|--|---------|---|-----|------------|-----|----|----|-----|----------------|----|----|----|----|----|---------|----|-------|-----|-----|----|----|----|-----|-------|----|-------|-------|
| SECTOR | | CLASSES OF BEHAVIOUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTH WEST | | 1 | 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 | 31 | TOTAL | |
| BABOON TROOP: | Slangkop | 1 | In urban area | 4 | Attacking pets | 7 | Threatening behaviour/attack/stealing food | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTH: October | YEAR: 2018 | 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 | 31 | TOTAL | |
| SK6 (Sub-adult) | M | | 1 | 1 | | 1 | | | | 1 | | 1 | | | | 1 | | | | | 1 | 2 | | 6,2,6 | | | | 2 | 2 | | | | | 13 |
| UnID Males | M | 2,2 | 1 | | | 1 | | 2,2,2,6 | | 2,2 | 1,1 | | | | 2,1 | 2 | | | | | 1 | 2 | 2 | | 2 | | 1 | 2 | 2 | | | | | 22 |
| UnID Females | F | 2,2 | 1,1 | 1 | | 1 | | 2,2 | | | 1,1 | 1,1 | | | 2,1 | 1,2 | | | | | 1 | 2 | | 6,2,6 | | | 1 | 2 | 2 | | | | | 24 |
| UnID Juveniles | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| UnID Individuals | | | 5 | | | | 2,2,2 | | | | | | | | | 1 | | | 1 | | | | | | 1,2 | | | | | | 1 | | | 9 |
| Troop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| | % | TIME SPENT IN TOWN (Minutes) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | HRS | | | |
| Troop | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.00 | | | |
| Individuals | 8.9 | 60 | 89 | 25 | | 162 | 120 | 120 | | 40 | 60 | 79 | | | 70 | 30 | 60 | | 20 | | | | 90 | 70 | 145 | 110 | | 36 | 92 | 165 | 70 | | | 28.55 |
| Roost: | AM | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | | |
| Roost: | PM | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 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 Rogers Farm and the City waste disposal site.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 7: The Slangkop Troop's raid sheet for October 2018.

Kommetjie Vineyard Estate:

- The development of the Kommetjie Vineyard Estate situated within the Slangkop Troop's home range is progressing. The Kommetjie Road section of fence line is currently being erected.
- The alien belt above this section will soon be cleared and the second phase of building will begin in the new year.
- The high levels of human activity in this region seem to disturb the troop which often attempted to raid Capri.

Births and Deaths

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

SOUTH WEST REGIONAL SUMMARY:

Births and Deaths

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

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 **fruit trees should be removed, or visible fruit** harvested 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.
- **Bongelethu School** should apply for **additional baboon-proof bins** to accommodate their waste.
- The **Kommetjie Vineyard Estate development** should incorporate adequate baboon-proofing measures to deter baboon incursions.

NORTHERN REGION – AREA MANAGER: STEPHANUS FERREIRA

1. TOKAI TROOP

In Town Statistics

- Time out of town for the troop was 100 %. Time out of town for individuals was 99,75%.
- The troop mostly slept at the Tea Garden Sleep Site during October 2018 and three times at the Silvermine Pines Sleep Site.

Incidents that affected management

Silvermine Dam

- The Tokai troop moved up towards Silvermine Dam four times during October 2018. However, no raids were recorded while the baboons were at the dam.

Chrysalis Academy

- On 6 October MT12 raided a bin at the Disa Hostel at the Chrysalis Academy.

Zwaanswyk

- On 8 October, MT12 chased an unidentified female. In order to get away from MT12 the female forced herself over the Zwaanswyk fence. After 15 minutes, the female was moved out of Zwaanswyk and back with the troop.

SANParks

- On 24 October, MT8 raided a SANparks' vehicle parked in front of the Manor house with the door open.

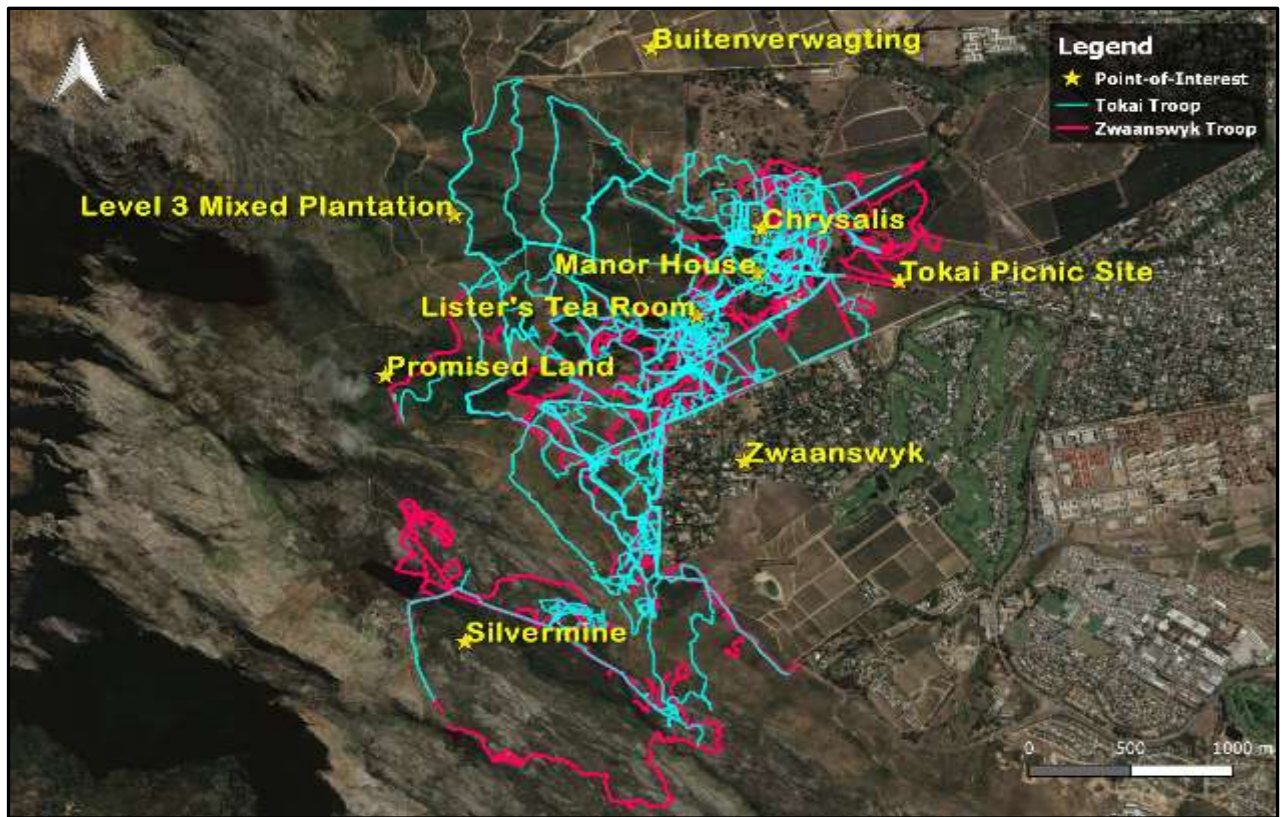


Figure 8: The Tokai and Zwaanswyk Troop's movements for October 2018.

| 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 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL |
| BABOON TROOP: | TOKAI | 1 | In urban area | 4 | Attacking pets | 7 | Threatening behaviour/attack/stealing food | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTH: | OCTOBER | 2 | Raid bins | 5 | Raid unoccupied house or vehicle | 8 | Breaking & Entering/Damaging property | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YEAR: | 2018 | 3 | Non malicious damage | 6 | Raid occupied house or vehicle | 9 | Nocturnal Raiding | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BABOON ID | Sex | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL |
| MT 8 (G-W) VHF collar | M | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | 1 |
| MT12 (Blue) | M | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| MT13 (Y-W) | M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Un ID male | M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UnID Female | F | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| UN ID juvenile | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Un ID individuals | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Troop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | % | TIME SPENT IN TOWN (Minutes) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | HRS | | |
| Troop | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Individuals | 0.1 | | | | | | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| Roost: | AM | 1 | 1 | 1 | 11 | 1 | 1 | 2 | 7 | 2 | 1 | 11 | 2 | 6 | 1 | 3 | 1 | 11 | 2 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | 1 | 2 | 2 | 2 | 5 | 1 | |
| Roost: | PM | 1 | 1 | 11 | 1 | 1 | 2 | 7 | 2 | 1 | 11 | 2 | 6 | 1 | 3 | 1 | 11 | 2 | 1 | 1 | 1 | 1 | 3 | 2 | 1 | 1 | 2 | 2 | 2 | 5 | 1 | 1 | |
| Roost Sites | 1 | Tea Garden | 2 | Upper Tea Garden | 3 | Manor House Pines | 4 | Picnic Site 1 | 5 | Picnic Site 2 | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | Picnic Site 3 | 7 | Tokai Bridge | 8 | Mikes Stables Pines | 9 | Chrysalis Gums | 10 | Laundry Pines | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | Silvermine Pines | 12 | Promised Land Gums L5 | 13 | Lower Reservoir | 14 | Other | 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| ID Features of Baboons | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General remarks | <i>Bold and italics text indicates non-urban raids.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 9: The Tokai Troop's raid sheet for October 2018.

Births and Deaths

An infant was seen in the Tokai Troop on 1 October. On 12 October, an infanticide was committed by one of the untagged males in the Tokai Troop.

2. ZWAANSWYK TROOP

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 100%
- The troop mostly slept at the Tea Garden during October 2018.

Incidents that affected management

Silvermine Dam

- The troop moved up to Silvermine Dam four times during October 2018. No raids were recorded while the baboons were at the Dam.

Porter Estate

- On 24 October, TK53 and an adult female entered an unoccupied house on Porter Estate and took some food.

| HWS: TROOP MONTHLY REPORT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|---|------------------------------|----------------------|-----------------------|----------------------------------|---------------------|--|----------------|----|---------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|-------|
| SECTOR | | CLASSES OF BEHAVIOUR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTH | | 1 | In urban area | 4 | Attacking pets | 7 | Threatening behaviour/attack/stealing food | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BABOON TROOP: | ZWAANSWYK | 2 | Raid bins | 5 | Raid unoccupied house or vehicle | 8 | Breaking & Entering/Damaging property | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTH: OCTOBER | YEAR: 2018 | 3 | Non malicious damage | 6 | Raid occupied house or vehicle | 9 | Nocturnal Raiding | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BABOON ID | Sex | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL |
| TK53 (Orange-Y) | M | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | 1 |
| Un ID Male | M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Un ID Females | F | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | 1 |
| Juveniles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Troop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | % | TIME SPENT IN TOWN (Minutes) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | HRS | | |
| Troop | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.00 |
| Individuals | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0.00 |
| Roost: | AM | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 6 | 2 | 2 | 2 | 1 | 6 | 1 | 1 | 1 | 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 1 |
| Roost: | PM | 1 | 1 | 2 | 1 | 1 | 2 | 6 | 2 | 2 | 2 | 1 | 6 | 1 | 1 | 1 | 11 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 4 | 4 | 1 | 1 |
| Roost Sites | 1 | Tea Garden | 2 | Upper Tea Garden | 3 | Manor House Pines | 4 | Picnic Site 1 | 5 | Picnic Site 2 | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | Picnic Site 3 | 7 | Tokai Bridge | 8 | Mikes Stables Pines | 9 | Chrysalis Gums | 10 | Laundry Pines | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | Silvermine Pines | 12 | Promised Land Gums L5 | 13 | Lower Reservoir | 14 | Other | 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| ID Features of Baboons | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General remarks | <i>Bold and italics text indicates non-urban raids.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Figure 10: The Zwaanswyk Troop's raid sheet for October 2018.

Births and Deaths

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

3. CONSTANTIA TROOP 1 (CT1)

In Town Statistics

- Time out of town for the troop was 99.18%.
- Time out of town for individuals was 97.42%.
- The troop mostly slept at the Castle Gums Sleep Site and the Lower Gums Sleep Site during October 2018.



Figure 11: The Constantia 1 Troop's movement for October 2018.

Incidents that affected management

Price Drive:

- The troop entered town three times at Price Drive in order to enter Groot Constantia. The baboons were able to enter Groot Constantia through the residential area because there is no electric fencing between Groot Constantia and Ou Wingerd Road. Most of the troop was pushed out within 15 minutes during these incidents.
- On 13 October, six unidentified individuals raided an occupied house in Price Drive.

| 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 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL | |
| BABOON TROOP: | CT1 | In urban area | Attacking pets | Threatening behaviour/attack/stealing food | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MONTH: OCTOBER | YEAR: 2018 | Raid bins | Raid unoccupied house or vehicle | Breaking & Entering/Damaging property | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Non malicious damage | Raid occupied house or vehicle | 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 | 31 | TOTAL | |
| CON F1 (W) | F | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| Unid AD MALE | M | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| Unid SA MALE | M | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| Un ID Female | F | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| Un ID Juvenile | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| Un ID Individuals | | | | | | | | | | | 2 | 1 | 6 | | | | | | | | | | | | | | | | | | | | | 3 |
| | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| CT1 Troop | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| | % | TIME SPENT IN TOWN (Minutes) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | HRS | |
| Troop | 0.3 | | | | | | | | | | 10 | 15 | 30 | | | | | | | | | | | | | | | | | | | | | 0.92 |
| Individuals | 0.8 | | | | | | | | | 10 | 45 | 90 | 10 | | | | | | | | | | | | | | | | | | | | | 2.58 |
| Roost: | AM | 2 | 3 | 6 | 6 | 3 | 2 | 8 | 1 | 1 | 8 | 5 | 5 | 5 | 8 | 8 | 2 | 8 | 8 | 2 | 5 | 2 | 8 | 8 | 1 | 2 | 5 | 8 | 2 | 2 | 2 | 2 | | |
| Roost: | PM | 3 | 6 | 6 | 3 | 2 | 8 | 1 | 1 | 8 | 5 | 5 | 5 | 8 | 8 | 2 | 8 | 8 | 2 | 5 | 2 | 8 | 8 | 1 | 2 | 5 | 8 | 2 | 2 | 2 | 2 | 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 | <i>Bold and italics text indicates non-urban raids.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Births and Deaths

There were no births or deaths reported in the Constantia 1 Troop this month.

4. CONSTANTIA TROOP 2 (CT2)

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 100%.
- The troop mostly slept at the Buitenverwachting Gums Sleep Site during October 2018.

Incidents that affected management

- The CT2 troop spent most of their time moving with the Mountain Troop above Buitenverwachting and also slept at the same sleep sites with the Mountain Troop. There is a possibility that CT2 Troop and the Mountain Troop could merge.

Births and Deaths

There were no births or deaths to report in the Constantia 2 Troop this month.

5. MOUNTAIN TROOP

In Town Statistics

- Time out of town for the troop was 100%.
- Time out of town for individuals was 100%.
- The troop slept mostly at the Buitenverwachting Gums Sleep Site during October 2018.

Incidents that affected management

- The Mountain Troop spent most of its time moving with the CT2 Troop and slept at the same sleep sites during October.

Births and Deaths

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

NORTH REGIONAL SUMMARY:

Births and Deaths

- One birth and one death occurred in the North this month. A birth was reported in the Tokai Troop on 1 October and an infanticide occurred in the Tokai Troop on 12 October.

Recommendations

- **Signage** informing the public to **lock their vehicle doors** and keep **windows closed** should be placed at the **SANParks boom gate** on Tokai road to reduce baboons **raiding vehicles**.
- **Bins** at the **SANParks' Picnic Site** need to be closed properly to prevent baboon raids.
- The **electrified perimeter fence** at the **SANParks' Tokai Picnic Site** should be **upgraded and maintained** on a regular basis, to prevent baboons from entering the picnic site to raid.
- **Regular maintenance and upgrades to electrified perimeter fences on wine estates** will reduce baboon incursions on wine farms. **Regular trimming and removal of overhanging trees** and closing of excavations would also reduce baboon access to farms.
- Measures such as storing food in secure areas will reduce the amount of human derived foods (HDF's) available to baboons, and this should reduce the level of raiding at **Chrysalis Academy**.
- Measures such as the **baboon-proofing of private and staff houses on wine estates will also reduce baboon access to HDF's**.
- The **horse gate** at the **Zwaanswyk fence** needs to be **closed constantly** to ensure that baboons do not enter the urban area.
- **Insulating** the electrical bushings of the **Veels-te-Ver transformer box** by placing covers over them will prevent baboons from getting **electrocuted**.

C. GENERAL COMMENTS ON ALL BABOON TROOPS

1. POPULATION DATA

During October 2018, there were two births (one each in the Da Gama and Tokai Troops) in the managed troops. There was one death, an infanticide, in the Tokai Troop. The lack of births at this optimal time of year emphasises the point that chacma baboons are not seasonal breeders but breed throughout the year.

| TROOP | END JUNE TOTALS | | | | | | OCTOBER 2018 | | | Total Births (1 July 2018 to date) | Total Deaths (1 July 2018 to date) | Total Migrations (1 July 2018 to date) |
|------------------|-----------------|------------|------------|------------|------------|------------|--------------|----------|-----------------------------|--|--|---|
| | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | Births | Deaths | Emigration / Immigration | | | |
| Da Gama | 42 | 43 | 46 | 52 | 52 | 55 | 1 | 0 | | 2 | 5 | |
| Smitswinkel | 21 | 22 | 24 | 29 | 33 | 35 | 0 | 0 | | 0 | 1 | -1 |
| Waterfall | 28 | 29 | 31 | 33 | 37 | 40 | 0 | 0 | | 1 | 2 | +1 |
| GOB | 20 | 19 | 16 | 17 | 23 | 29 | 0 | 0 | | 2 | 0 | |
| Misty Cliffs | 17 | 16 | 9 | 11 | | | 0 | 0 | | 0 | 0 | |
| Slangkop | 37 | 40 | 35 | 41 | 40 | 44 | 0 | 0 | | 0 | 2 | |
| SUB TOTAL | 165 | 169 | 161 | 183 | 185 | 203 | 1 | 0 | | 5 | 10 | |
| Zwaanswyk | 28 | 28 | 30 | 28 | 30 | 20 | 0 | 0 | | 2 | 1 | -4 |
| Tokai | 64 | 70 | 62 | 65 | 69 | 75 | 1 | 1 | | 6 | 2 | +4 |
| Mountain | 41 | 47 | 49 | 47 | 57 | 60 | 0 | 0 | | 1 | 2 | -1 |
| CT1 | 70 | 69 | 77 | 81 | 63 | 46 | 0 | 0 | | 3 | 0 | +1 |
| CT2 | | | | | 22 | 10 | 0 | 0 | | 1 | 0 | |
| SUB TOTAL | 203 | 214 | 218 | 221 | 241 | 211 | 1 | 1 | | 13 | 5 | |
| TOTAL | 368 | 383 | 379 | 404 | 426 | 414 | 2 | 1 | | 18 | 15 | |

Table 1: Population data for the eleven managed troops on the Cape Peninsula in October 2018. All witnessed births, deaths and migrations are recorded, but unwitnessed occurrences cannot be recorded.

| Deaths | January to December Totals | | | | | | | OCTOBER 2018 | TOTAL 2018 (1 July to 31 August) | TOTAL (since 2012) |
|---------------------|----------------------------|-----------|-----------|-----------|-----------|-----------|--|--------------|-------------------------------------|-----------------------|
| | 2012* | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 <small>23 Dec 2017 to 30 June 2018</small> | | | |
| Management | 17 | 16 | 8 | 7 | 7 | 12 | 2 | 0 | 0 | 69 |
| Human Induced (HID) | 8 | 7 | 10 | 11 | 7 | 6 | 5 | 0 | 5 | 59 |
| Direct** | 8 | 6 | 6 | 8 | 4 | 3 | 5 | 0 | 2 | 42 |
| Indirect*** | 0 | 1 | 4 | 3 | 3 | 3 | 0 | 0 | 3 | 17 |
| Natural | 7 | 30 | 19 | 33 | 16 | 28 | 11 | 1 | 5 | 149 |
| PLOHP**** | | | | | | | 7 | 0 | 0 | 7 |
| Unknown | 1 | 3 | 0 | 4 | 7 | 13 | 10 | 0 | 5 | 43 |
| TOTAL | 33 | 56 | 37 | 55 | 37 | 59 | 28 | 1 | 15 | 327 |

Table 2: Causes of baboon deaths since 2012 (*Data collected during the first half of 2012 provided by Baboon Research Unit, UCT); **Deaths caused directly by humans such as motor vehicle accidents, shooting, poisoning and dogs. ***Deaths caused indirectly by humans such as electrocutions. ****Private Land Owner Hunting Permit; Deaths of damage causing animals hunted on farmland in accordance with a Provincial hunting permit issued by CapeNature in terms of Nature Conservation Ordinance 19 of 1934.

2. HOTLINE DATA

During October 2018, there was a total of 108 hotline calls, 82 of which were raid-related calls received from managed areas. This represents an increase of 28 calls over the previous month. Most of the calls received were from Capri. In September there were 11 calls from Capri and this increased by 22 in October. The Slangkop Troop was particularly difficult to manage this month because of the development activity on Kommetjie Vineyard Estate. This resulted in the baboons regularly pushing towards Capri. There were also 26 calls from the Scarborough area that can be attributed to the three GOB individuals and their three juveniles spending time in the urban area.

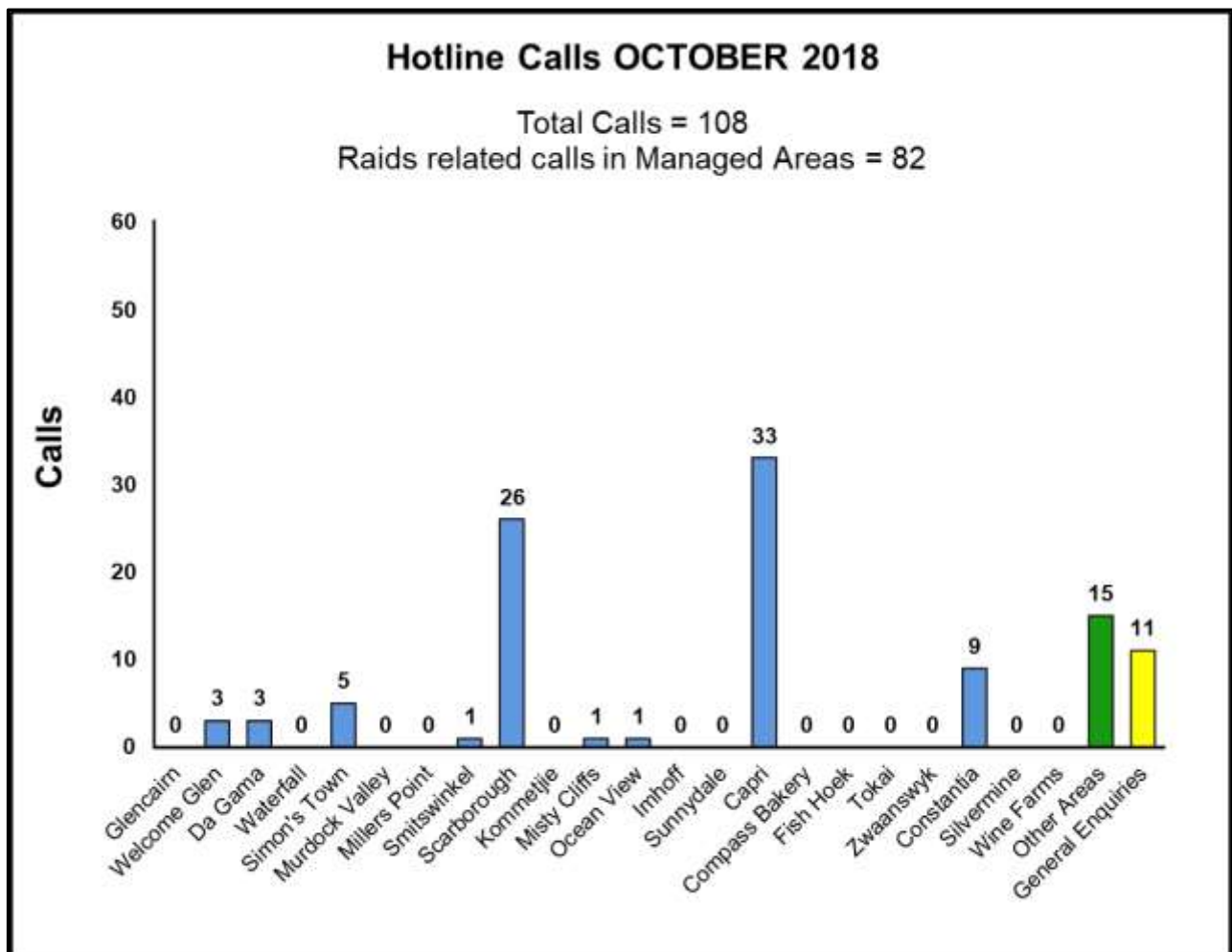


Figure 12: Hotline calls summary per urban area for October 2018. Raid related hotline calls are calls reporting managed baboons in managed urban areas. Other Areas represent those areas, beyond the urban edge or the range of the managed baboons.

Although the percentage of hotline calls reporting baboons in the urban area (84%) was hardly different from last month, the incidence of assertive raids, including threatening behaviour and occupied house raids was surprisingly high this month, with a combined total of 14%, compared to 0% last month. There is no obvious explanation for this apart from the slight increase in individual raids this month.

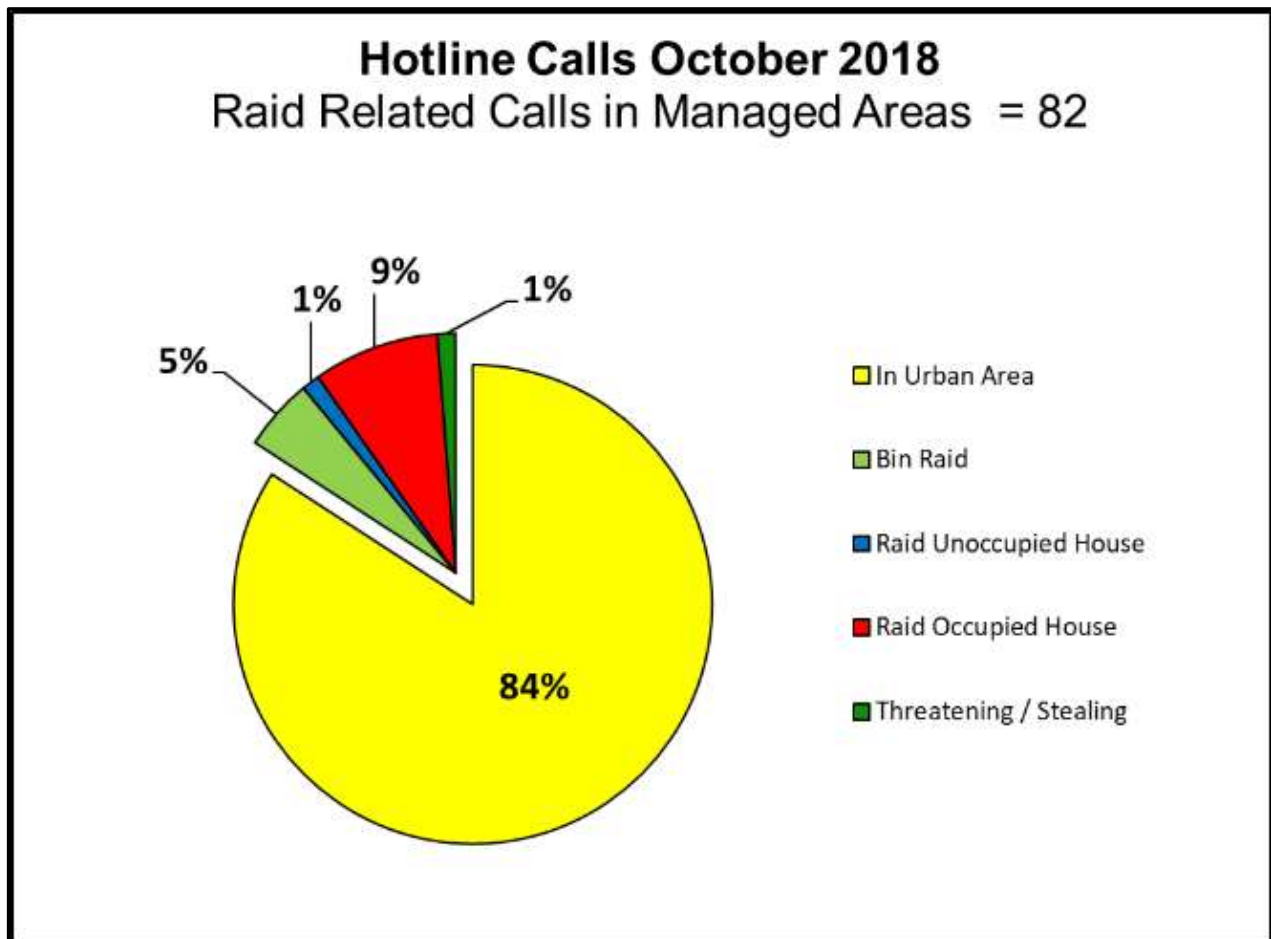


Figure 13: Composition of raid-related hotline calls during October 2018.

3. PERCENTAGE TIME OUT OF TOWN

The percentage of time that the troops spent out of town this month is once again 99.9%. It is pleasing to note that for the past six months, July to October 2018, the percentage time out of town for troops remained consistent at 99.9%. Time out of town for individuals increased slightly from 94.9% in September (94.9%), to 95.6% in October. During October 2017, time out of town for individuals was 92.5%. This is therefore an improvement over last year.

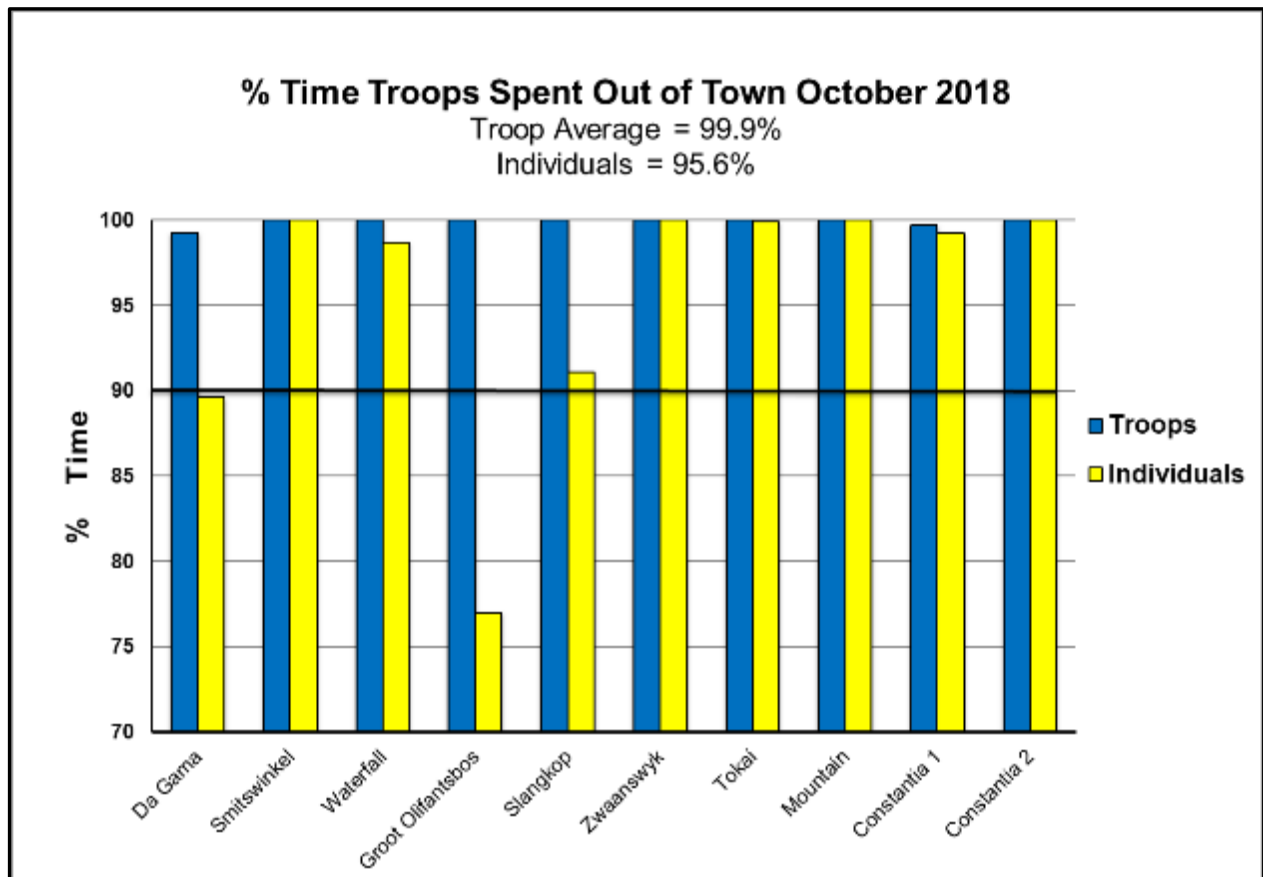


Figure 14: Percentage time troops spent out of town. The solid line indicates the City of Cape Town's 2014 and current contract requirement.

D. CONCLUSION

Despite the 99.9% of time out of town for troops, there are still some issues that are affecting some of the troops. This month has been the most difficult for the Slangkop Troop. The continued development within their ranging area is of great concern for the future of the troop, particularly in terms of forage availability. The noise and disruption of the development below the Compass bakery sleep site seems to have impacted quite significantly on the troop's movements.

In the north, the CT2 Troop has shown signs of possibly joining the Mountain Troop. The two troops have been moving closely together and have also been sleeping at the same sleep site. If these two troops merge, it will be to the benefit of the CT2 Troop as they currently only consist of three adult females and seven juveniles.

Dr Phil Richardson

HUMAN WILDLIFE SOLUTIONS (PTY) LTD