



Photo: Sieglinde Rode

# **Human Wildlife Solutions**

## **Monthly Report**

**July 2016**

| <b>TABLE OF CONTENTS</b>                        | <b>Page</b> |
|-------------------------------------------------|-------------|
| <b>A. REPORTING PERIOD</b>                      | <b>3</b>    |
| <b>B. BABOON MANAGEMENT AND RAID REPORTING</b>  | <b>3</b>    |
| <b>SOUTH EAST REGION</b>                        | <b>3</b>    |
| 1. Smitswinkel Troop                            | 3           |
| 2. Waterfall Troop                              | 4           |
| 3. Da Gama Troops (DG)                          | 6           |
| Births and Deaths                               | 9           |
| Recommendations                                 | 9           |
| <b>SOUTH WEST REGION</b>                        | <b>10</b>   |
| 1. Groot Olifantsbos Troop (GOB)                | 10          |
| 2. Misty Cliffs Troop                           | 11          |
| 3. Slangkop Troop                               | 14          |
| Births and Deaths                               | 15          |
| Recommendations                                 | 15          |
| <b>NORTH REGION</b>                             | <b>16</b>   |
| 1. Tokai Main Troop                             | 16          |
| 2. Zwaanswyk Troop                              | 17          |
| 3. Constantia Troop (CT1)                       | 18          |
| 4. Constantia Troop (CT2)                       | 20          |
| 5. Mountain Troop                               | 20          |
| Births and Deaths                               | 21          |
| Recommendations                                 | 21          |
| <b>C. GENERAL COMMENTS ON ALL BABOON TROOPS</b> | <b>22</b>   |
| Population Data                                 | 22          |
| Hotline Data                                    | 23          |
| Percentage Time Out of Town                     | 24          |
| Conclusion                                      | 25          |

## A. REPORTING PERIOD

This monthly report covers the period 25 June to 22 July 2016. This is the coldest period of the year with the least amount of natural food available to the baboons when they typically try to raid town most for human derived foods (HDF's). This month the baboon troops averaged the least amount of time out of town (98.1%) for the year so far, and recorded the most hotline calls for the year, with 117 raid related calls.

The most significant events this month have again been related to movements by males from one troop to another. In June, GOB7 spent many days with the Waterfall Troop challenging the resident males and mating with the females. This month GOB7 continued this behaviour and now seems to have made a permanent move to this new troop. Leaving the troop where he was alpha for the past four years appears to have been precipitated by a new male, KOB2, moving from the KOB Troop into the GOB Troop, and challenging for the alpha position.

Another development this month was that of the adult male, and previous alpha of the Da Gama Troop, moving across to the Misty Cliffs Troop and assuming the alpha position. Several times he chased the females and their juveniles into town as they tried to evade him. Nevertheless, he still managed to kill three juveniles, including the one orphaned juvenile. As a result of these disruptions, the Misty Cliffs Troop again spent the most time of any troop in town (17%) and also recorded the most hotline calls for the month (41%).

## B. BABOON MANAGEMENT AND RAID REPORTING

### South Eastern Region – Area Manager: Ziggy Rode

#### 1. Smitswinkel Bay Troop

Monitoring of the Smitswinkel Troop continued to be difficult during this reporting period because none of the individuals in the troop, currently have a functioning collar. The VHF telemetry is used extensively to track this troop as they sleep high up on the cliffs in the mountain, out of sight of the rangers. Collars were ordered several weeks ago, but due to a delay at the manufacturers the collars have not yet arrived.

During this reporting period, the troop moved along the full extent of its home range but spent the majority of the time in the northern part of the home range. The troop fed predominantly on the invasive alien vegetation around the Rocklands Farm area and on some pine cones on the lower part of the farm.

During the very wet and cold weather conditions, the troop did not come down the mountain and was not seen. The troop slept at the Smits caves for three nights during the end of this reporting period. When the baboons sleep in the caves they tend to only come down very late in the day during bad weather conditions. This was typical on 21 July, when they only came down from the mountain at 11am.

| 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: JULY               | YEAR: 2016 | 3                            | Non malicious damage |    |    |    |    | 6 | Raid occupied house or vehicle   |   |   |   |   | 9  | Nocturnal Raiding                          |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |
|                           |            |                              |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |
| BABOON ID                 | Sex        | 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 | TOTAL |  |
| SWB6 (R-B)                | M          |                              |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |
| Troop                     |            |                              |                      |    |    |    |    |   |                                  |   |   |   |   | 1  |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    | 1     |  |
| UnID Individuals          |            |                              |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |
| UnID Fem                  | F          |                              |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |
| SWBF1                     | F          |                              |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |
| SWB9 (Y-W)                | M          |                              |                      |    |    |    |    | 1 |                                  |   |   |   |   |    |                                            | 6  |    |    |    |    |               |    |    |    |    |     |                | 2  |    | 3     |  |
| UnID Male                 | M          |                              |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |
| UnID Juveniles            |            |                              |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |
|                           |            |                              |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |
|                           | %          | TIME SPENT IN TOWN (Minutes) |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    | HRS |                |    |    |       |  |
| Troop                     | 0.2        |                              |                      |    |    |    |    |   |                                  |   |   |   |   | 30 |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    | 0.50  |  |
| Individuals               | 0.1        |                              |                      |    |    |    |    | 5 |                                  |   |   |   |   |    |                                            | 15 |    |    |    |    |               |    |    |    |    |     |                | 5  |    | 0.42  |  |
|                           |            |                              |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |
| Roost:                    | AM         | 4                            | 5                    | 5  | 5  | 4  | 4  | 5 | 5                                | 5 | 3 | 6 | 4 | 5  | 4                                          | 5  | 5  | 3  | 3  | 5  | 5             | 4  | 5  | 5  | 3  | 8   | 8              | 1  | 1  |       |  |
| Roost:                    | PM         | 5                            | 5                    | 5  | 4  | 6  | 5  | 5 | 5                                | 3 | 6 | 4 | 5 | 4  | 5                                          | 5  | 3  | 3  | 5  | 5  | 4             | 5  | 5  | 3  | 8  | 8   | 1              | 1  | 1  |       |  |
| Roost Sites               |            | 1                            | Smits Caves          |    |    |    |    | 2 | Partridge Point                  |   |   |   |   | 3  | Bluegums                                   |    |    |    |    | 4  | Millers Point |    |    |    |    | 5   | Rocklands Farm |    |    |       |  |
|                           |            | 6                            | Castle Rock          |    |    |    |    | 7 | SANParks                         |   |   |   |   | 8  | Other                                      |    |    |    |    | 9  |               |    |    |    |    | 10  |                |    |    |       |  |
| ID Features of Baboons    |            |                              |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |
| General remarks           |            |                              |                      |    |    |    |    |   |                                  |   |   |   |   |    |                                            |    |    |    |    |    |               |    |    |    |    |     |                |    |    |       |  |

**Figure 1:** Smitswinkel Bay Troop raid sheet for July 2016.

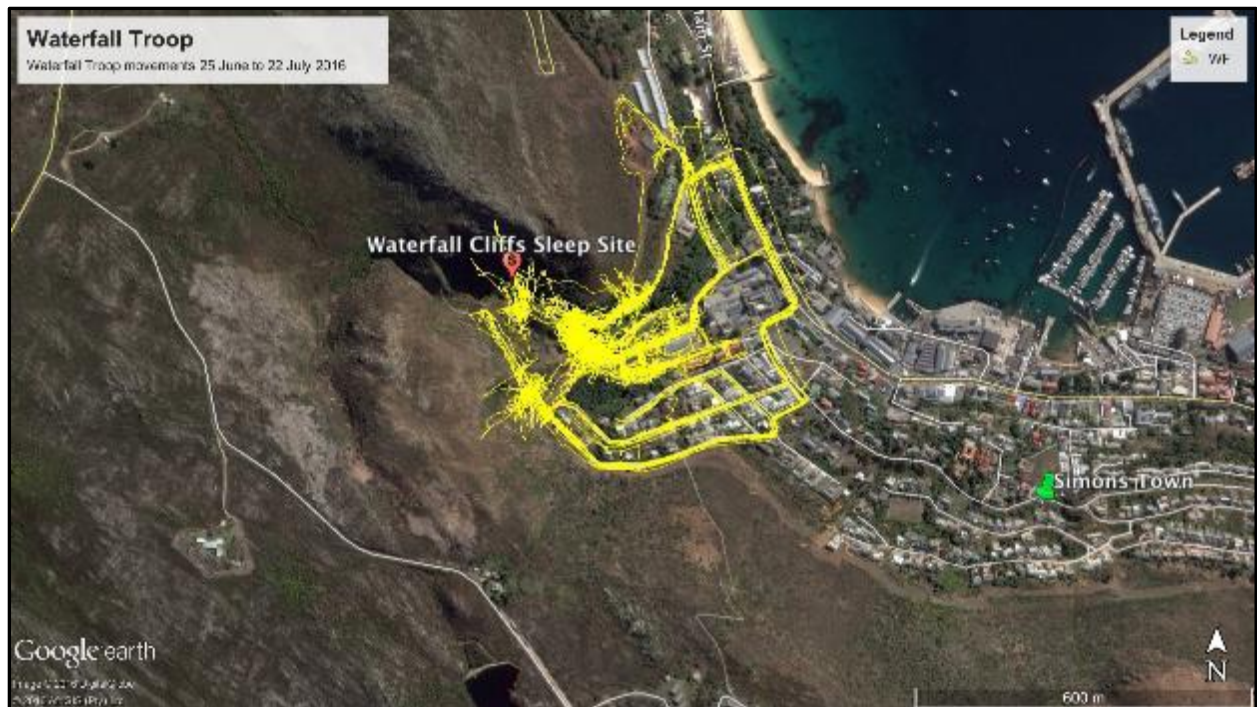
The troop only spent 30 minutes in the 'urban' area during this reporting period. This happened as the Troop moved down the mountain through the Castle Rock area, towards the coast to forage. No raiding incidents occurred when the troop moved through the area.

SWB9 is becoming more assertive as he grows older. SWB9 has not yet challenged the alpha male (SWB6) for dominance in the troop, but a few smaller fights have been noticed, these fights have however not changed the hierarchy between the males. SWB9, showed signs of being more brazen with regards to raiding this month. A functioning collar will be refitted on SWB9 and his movements will be monitored closely.

## 2. Waterfall Troop

Since 18 June 2016, the Waterfall Troop has not been back up the mountain at their natural sleep site, the South African Naval Ammunition Depot (SANAD). During June 2016, the troop broke the line and ran back down to the cliffs around the naval barracks. The rangers have not been able to push the troop back up the mountain during this reporting period.

In July 2015, the troop also spent some time down at the naval barracks after fighting occurred between GOB7 and the males from the Waterfall Troop. However, during that period the troop did not stay at the barracks for a long period of time. The dynamics and structure in the troop has however changed significantly from 2015. Three adult males are currently present in the troop and this leads to a high level of conflict. CON4 and TK42 have been seen to fight the most, of all the males, but TK42 is still the alpha male of the troop.



**Figure 2. Waterfall Troop Movement**

The troop also split into smaller raiding parties that raided at the barracks and in town. There is a large number of attractants which keep the animals in the urban area. These attractants include, poor waste management and limited baboon-proofing at the barracks, fruit trees in the urban area, refuse bins that are not baboon-proof, as well as incidents of deliberate feeding.

All the males frequently entered town to feed from guava and loquats trees in the urban area. Both CON4 and TK42 were seen crossing the Main Road in Simon's Town heading towards the Admiral's House, where they fed from the fruit trees and attempted to raid the house.

CON4 was also seen attempting to open car doors at the naval barracks and damaged two cars. He jumped on and dented the roof of one car, and broke the window wipers of another.

Raiding animals have also started spending more time at the Happy Valley Shelter which is located next to the naval barracks. Despite the best efforts by shelter's management to baboon-proof the shelter, the

shelter's residents feed the baboons. On Tuesday 5 July, Ziggy Rode attended a meeting held by the manager of the shelter and informed the residents that feeding baboons is illegal. Residents were advised that CapeNature would be called if the feeding continues.

On 17 July, there were protests at the naval barracks. The rangers had to leave the area because it was declared unsafe. This meant that for the first few hours of the morning, the troop/raiding individuals could not be managed because there was no access to the area. At approximately 11am, the area was declared safe again and the rangers were allowed to resume their normal management activities.

The Groot Olifantsbos Troop (GOB) spent 12 nights outside the Cape of Good Hope Reserve (see South West Section 1) and on 21 July 2016, the troop moved towards the Admiral Footsteps. The rangers quickly reacted and blocked the troop before they entered the urban area, and pushed them back up to Shamballah Holistic Centre (Shamballah). GOB7 was pushed with the troop, but he returned to the Waterfall Troop by himself, and has since remained with his new troop.

| 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:             |      | 2                            | Raid bins            |     |     |    | 5  | Raid unoccupied house or vehicle |    |   |       | 8  | Breaking & Entering/Damaging property      |     |     |    |    |                    |     |     |       |     |                         |    |     |         |    |     |     |       |    |  |
| MONTH: JULY               |      | 3                            | Non malicious damage |     |     |    | 6  | Raid occupied house or vehicle   |    |   |       | 9  | Nocturnal Raiding                          |     |     |    |    |                    |     |     |       |     |                         |    |     |         |    |     |     |       |    |  |
|                           |      |                              |                      |     |     |    |    |                                  |    |   |       |    |                                            |     |     |    |    |                    |     |     |       |     |                         |    |     |         |    |     |     |       |    |  |
| BABOON ID                 | Sex  | 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  | TOTAL |    |  |
| Troop                     |      |                              |                      |     | 1   |    |    | 5                                |    |   |       | 2  | 2                                          |     |     |    |    |                    | 2,8 | 2   | 1     |     | 2,5,1                   |    | 1   |         |    | 5   | 2,2 | 1     | 3  |  |
| CON4 (B)                  | M    |                              | 2                    | 2   | 1,2 |    |    | 2                                |    |   | 2     | 2  |                                            |     |     |    |    |                    | 2,8 | 2   | 1     |     | 2,5,1                   |    |     | 2,6     |    | 5   | 2,2 | 1     | 18 |  |
| TK19 (R-W)                | M    |                              |                      | 2   | 1   |    | 2  |                                  | 1  |   |       | 2  |                                            |     |     |    |    |                    | 2   | 2   |       |     | 1                       | 1  |     |         |    |     | 2   |       | 10 |  |
| TK42 (B-Y)                | M    |                              |                      |     |     |    |    |                                  |    |   | 2     | 2  | 2                                          | 2   |     | 2  |    |                    |     |     | 2     | 1   | 2,5                     | 1  |     |         |    | 5,1 |     | 1     | 11 |  |
| WFF3                      | F    |                              |                      |     |     |    |    |                                  |    |   |       |    |                                            |     |     |    |    |                    |     |     |       |     |                         |    |     |         |    |     |     |       | 0  |  |
| WFF4                      | F    |                              |                      |     |     |    |    |                                  |    |   |       |    |                                            |     |     |    |    |                    |     |     |       |     |                         |    |     |         |    |     |     |       | 0  |  |
| WFF5 (Y)                  | F    |                              |                      |     | 5   |    |    |                                  |    |   |       |    | 5                                          |     |     |    |    |                    |     |     | 1     | 2,5 |                         |    |     |         |    |     |     |       | 5  |  |
| UnID Females              | F    |                              | 1,5                  | 5,2 | 1,2 |    | 2  |                                  | 1  |   | 2,5,1 | 2  | 5                                          | 2,1 |     | 2  |    |                    | 2,5 | 2,1 | 1,2,5 |     | 1                       |    |     | 5,2,6,2 |    | 5,1 | 2   |       | 31 |  |
| UnID Juveniles            |      |                              | 6                    |     | 1   |    | 2  |                                  |    |   | 1     |    |                                            | 2,5 | 1,2 |    | 2  |                    | 2,5 |     | 2,5,1 |     |                         |    | 5   |         |    | 1   |     | 16    |    |  |
| UnID Male                 | M    |                              |                      |     |     |    |    |                                  |    |   |       |    |                                            |     |     |    |    |                    |     |     |       |     |                         |    |     |         |    |     |     |       | 0  |  |
| UnID Individuals          |      |                              |                      | 2   |     |    |    |                                  |    | 1 |       | 5  | 1                                          | 1   |     |    |    |                    | 5   | 5   |       | 2,5 |                         |    |     |         |    | 5   | 5   | 5     | 12 |  |
|                           |      |                              |                      |     |     |    |    |                                  |    |   |       |    |                                            |     |     |    |    |                    |     |     |       |     |                         |    |     |         |    |     |     |       |    |  |
|                           | %    | TIME SPENT IN TOWN (Minutes) |                      |     |     |    |    |                                  |    |   |       |    |                                            |     |     |    |    |                    |     |     |       |     |                         |    |     |         |    | HRS |     |       |    |  |
| Troop                     | 0.5  |                              |                      |     | 30  |    |    | 25                               |    |   |       |    |                                            |     |     |    |    |                    |     |     |       |     |                         | 45 |     |         |    |     |     | 1.67  |    |  |
| Individuals               | 10.6 |                              | 50                   | 120 | 120 |    | 60 | 30                               | 15 | 5 | 80    | 95 | 70                                         | 145 | 45  | 20 | 35 | 20                 | 120 | 130 | 200   | 130 | 30                      | 60 | 135 |         | 90 | 135 | 110 | 34.17 |    |  |
|                           |      |                              |                      |     |     |    |    |                                  |    |   |       |    |                                            |     |     |    |    |                    |     |     |       |     |                         |    |     |         |    |     |     |       |    |  |
| Roost:                    | AM   | 1                            | 2                    | 1   | 2   | 6  | 6  | 6                                | 6  | 6 | 1     | 1  | 2                                          | 2   | 6   | 6  | 1  | 2                  | 2   | 2   | 2     | 1   | 6                       | 6  | 1   | 1       | 1  | 2   | 2   |       |    |  |
| Roost:                    | PM   | 2                            | 1                    | 2   | 1   | 6  | 6  | 6                                | 6  | 6 | 1     | 2  | 2                                          | 1   | 6   | 6  | 2  | 2                  | 2   | 2   | 1     | 2   | 6                       | 6  | 1   | 1       | 2  | 2   | 2   |       |    |  |
| Roost Sites               |      | 1                            | Waterfall Cliff      |     |     |    | 2  | Happy Valley Mtn                 |    |   |       | 3  | Signal School                              |     |     |    | 4  | Waterfall Barracks |     |     |       | 5   | Mountain Residents side |    |     |         |    |     |     |       |    |  |
|                           |      | 6                            | Admiral footpath     |     |     |    | 7  | Cape Farm House                  |    |   |       | 8  | Happy Valley Home                          |     |     |    | 9  | Red Hill           |     |     |       | 10  | SANAD                   |    |     |         |    |     |     |       |    |  |
|                           |      | 11                           | Mountain CoGHN       |     |     |    | 12 | Gate 3 - Plateau Road            |    |   |       | 13 | Rocklands Farm                             |     |     |    | 14 | North Peak         |     |     |       | 15  | Bungalow                |    |     |         |    |     |     |       |    |  |
|                           |      | 16                           | Rocklands Valley     |     |     |    | 17 | Shamballah Pines                 |    |   |       | 18 |                                            |     |     |    | 19 |                    |     |     |       | 20  |                         |    |     |         |    |     |     |       |    |  |
| ID Features of Baboons    |      |                              |                      |     |     |    |    |                                  |    |   |       |    |                                            |     |     |    |    |                    |     |     |       |     |                         |    |     |         |    |     |     |       |    |  |
| General remarks           |      |                              |                      |     |     |    |    |                                  |    |   |       |    |                                            |     |     |    |    |                    |     |     |       |     |                         |    |     |         |    |     |     |       |    |  |

Figure 3: Waterfall Bay Troop raid sheet for July 2016.

### 3. Da Gama

The management of the Da Gama Troop remained difficult throughout this reporting period. There was however a slight decrease in the time spent in town by the troop, from 0,5% in June 2016 to 0,1% in July 2016. This equates to being 90 minutes in town during June and less than 25 minutes in July. The

management of the troop is therefore not such a big concern, the problem lies predominantly with individuals and raiding parties.

Individuals spent 13,2% of their time in town, which is still high but is down by 4,4% from the previous month. There are still large amounts of attractants drawing the animals to the urban area. These include, fruit trees in the residential area, vegetable gardens that are not baboon-proofed, bins that are not properly baboon-proofed, houses that lack baboon-proofing and poor waste management at the Da Gama Naval Flats.

During harsh environmental conditions, foraging is increasingly difficult. When it is really wet and cold, the troop remains close to the urban area, finding shelter in the bushes, and selects the most protected sleep sites. During this reporting period, the rangers only managed to get the troop to sleep in the mountain on six occasions. On one occasion, the rangers left the troop up the mountain and found the baboons sleeping in the pine trees at the Ocean View graveyard the following morning. The troop therefore definitely seem to prefer sleeping at the lower lying sleep sites during these cold and wet months.



**Figure 4. Da Gama Troop Movement.**

During the last couple of days of June, SK3 started pushing towards Misty Cliffs but the rangers managed to block him and push him back. However, on 25 June 2016, SK3 broke the line and ran into Scarborough. The rangers responded with the help of the Field Manager, but they were unable to push SK3 back to the troop. They tried again several times until 29 June, when it became very evident that SK3 was not willing

to re-join the Da Gama Troop and was in fact attempting to try and take over the Misty Cliffs Troop (see South West Section 2).

Since SK3 left the Da Gama Troop, the fighting between TK43 and DG15 has increased. Both males carry scars from fighting but none of the injuries have been of a serious nature. Both males have attempted to assert their dominance and the alpha female along with her cohort, have moved with both males depending on which is the most dominant male at the time. It does however seem that DG15 might be in a position to take over as the alpha male now.

| SECTOR                 |  | HWS: TROOP MONTHLY REPORT |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    |       |       |  |
|------------------------|--|---------------------------|------------------------------|-----------------|----|------------------------------------|----|-----|----|----------------------------------------------|-----|---|-----|----|------|---------------------|------|----|----|----|------|---------------------|----|---------|---------|-----|----|----------------------|-----|----|-------|-------|--|
| SOUTH EAST             |  | CLASSES OF BEHAVIOUR      |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    |       |       |  |
| BABOON TROOP:          |  | DA GAMA                   |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    |       |       |  |
| MONTH: JULY            |  | YEAR: 2016                |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    |       |       |  |
|                        |  | 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 ID              |  | Sex                       | 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 | TOTAL |       |  |
| Troop                  |  |                           |                              |                 |    |                                    |    | 1   |    |                                              |     |   |     | 1  |      | 1                   |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    | 3     |       |  |
| SK3                    |  | M                         | 2, 2                         |                 |    |                                    | 1  | 1   |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    | 4     |       |  |
| DG14 (O-G)             |  | M                         |                              |                 |    |                                    |    | 1   | 2  | 2                                            |     |   | 1   | 1  |      |                     | 1    |    |    |    | 2    |                     |    | 2       | 1       |     |    | 1                    |     |    | 10    |       |  |
| DG15 (R)               |  | M                         |                              |                 |    |                                    |    |     | 2  |                                              |     |   |     | 1  | 2    |                     | 1    |    |    |    | 1    | 2, 2                |    | 1       | 2, 2, 2 | 1   |    |                      |     |    | 12    |       |  |
| DG16                   |  | M                         |                              |                 |    |                                    |    | 2   | 2  | 2                                            |     |   | 2   | 2  | 2    |                     | 1    |    |    |    |      |                     |    | 2       | 2       |     |    | 5                    | 1   |    | 11    |       |  |
| DG17                   |  | M                         |                              |                 |    |                                    |    | 1   |    |                                              |     |   |     |    |      |                     | 1    |    |    |    |      |                     |    | 2       |         |     | 5  | 1                    |     |    | 5     |       |  |
| TK43 (W-W)             |  | M                         |                              |                 |    |                                    |    |     |    | 2, 5, 6                                      |     |   |     | 1  |      | 2                   |      |    |    |    | 2, 2 |                     |    | 1       |         |     |    | 1                    | 1   |    | 10    |       |  |
| DGF1                   |  | F                         |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    | 0     |       |  |
| DGF2                   |  | F                         |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    | 0     |       |  |
| DGF4                   |  | F                         |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     | 1    |    |    |    |      |                     |    |         |         |     |    |                      |     |    | 1     |       |  |
| UnID Females           |  | F                         |                              |                 |    |                                    |    |     | 2  | 2, 2                                         |     |   | 1   |    | 2    |                     | 2, 2 |    |    |    | 2, 2 |                     | 1  | 2, 2, 2 |         |     |    | 2                    |     |    | 14    |       |  |
| UnID Female            |  | F                         | 2, 2                         |                 |    |                                    |    | 1   |    | 6                                            |     |   | 2   | 1  |      | 1                   | 1    |    |    |    | 2    |                     | 2  |         | 1       |     | 1  | 1                    | 1   |    | 12    |       |  |
| UnID Individuals       |  |                           |                              |                 |    |                                    |    | 1   |    |                                              |     |   |     | 2  |      |                     |      |    |    |    | 1    |                     |    |         |         |     |    |                      |     |    | 3     |       |  |
| UnID Juvs              |  |                           |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      | 1                   |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    | 1     |       |  |
|                        |  |                           |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    |       |       |  |
|                        |  | %                         | TIME SPENT IN TOWN (Minutes) |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    | HRS                  |     |    |       |       |  |
| Troop                  |  | 0.1                       |                              |                 |    |                                    |    | 10  |    |                                              |     |   |     | 5  |      | 10                  |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    | 0.42  |       |  |
| Individuals            |  | 13.2                      | 280                          |                 |    |                                    | 30 | 175 | 70 | 130                                          | 283 |   | 143 | 82 | 50   | 30                  | 444  |    |    |    |      | 176                 | 30 |         | 198     | 192 | 10 |                      | 123 | 65 | 33    | 42.40 |  |
|                        |  |                           |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    |       |       |  |
| Roost:                 |  | AM                        | 11                           | 20              | 11 | 11                                 | 11 | 2   | 11 | 1                                            | 2   | 1 | 2   | 3  | 2    | 2, 3                | 2    | 20 | 15 | 2  | 2    | 2                   | 2  | 2       | 2       | 2   | 5  | 2                    | 5   | 2  |       |       |  |
| Roost:                 |  | PM                        | 20                           | 11              | 11 | 11                                 | 2  | 11  | 1  | 2                                            | 1   | 2 | 2   | 2  | 2, 3 | 2                   | 20   | 15 | 2  | 2  | 2    | 2                   | 2  | 2       | 2       | 2   | 5  | 2                    | 5   | 2  | 2     |       |  |
| Roost Sites            |  | 1                         |                              | Flats           |    |                                    |    | 2   |    | Pines - Flats                                |     |   |     | 3  |      | Pines - Da Gama     |      |    |    | 4  |      | Pines - WG          |    |         |         | 5   |    | Sport Fields Stables |     |    |       |       |  |
|                        |  | 6                         |                              | Compass Bakery  |    |                                    |    | 7   |    | Pines - Outspan                              |     |   |     | 8  |      | Jacks Shop          |      |    |    | 9  |      | Elsie's Peak        |    |         |         | 10  |    | Rotary Camp          |     |    |       |       |  |
|                        |  | 11                        |                              | Witsand         |    |                                    |    | 12  |    | Slangkop                                     |     |   |     | 13 |      | Platkop             |      |    |    | 14 |      | Rasta Camp          |    |         |         | 15  |    | Ocean View           |     |    |       |       |  |
|                        |  | 16                        |                              | KL sleep site   |    |                                    |    | 17  |    | Maylands                                     |     |   |     | 18 |      | Elsies River Valley |      |    |    | 19 |      | Red Hill / Windford |    |         |         | 20  |    | Grootkop             |     |    |       |       |  |
|                        |  | 21                        |                              | 16th Avenue, DG |    |                                    |    | 22  |    | Lewis Gay Dam                                |     |   |     | 23 |      | Pinehaven           |      |    |    | 24 |      | Kleinplaas Dam      |    |         |         | 25  |    | Scarborough          |     |    |       |       |  |
| ID Features of Baboons |  |                           |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    |       |       |  |
| General remarks        |  |                           |                              |                 |    |                                    |    |     |    |                                              |     |   |     |    |      |                     |      |    |    |    |      |                     |    |         |         |     |    |                      |     |    |       |       |  |

**Figure 5: Da Gama Troop raid sheet for July 2016.**

On 17 July, DG15 was attacked by a dog in 3<sup>rd</sup> Avenue, Da Gama Park. The altercation ensued after the rangers had already left and it was dark. The Field Manager was luckily still on site and could respond immediately when he heard all the noise. By the time the Field Manager got there, DG15 was already free from the dog. DG15 seemed to have some injuries to his back leg, but could walk without a limp. The dog did not appear to have any injuries. The following morning, DG15 was monitored closely and it was assessed that he did not sustain any serious injuries from the fight.

The Navy went to a great deal of effort to install a new bin bay in both the Kroonseil and the Bluefin flats. Unfortunately, the doorknobs of the bin bay at the Kroonseil flats are already broken, and therefore the baboons can get access to the bin bay. It also means that the door does not get shut properly. The second

bin bay is complete and in good condition, however it is locked, and after several attempts, no one has been able to retrieve a key to gain access to it. As such, the first bin bay is now over flowing and the baboons sometimes pull the waste out from underneath the door, and sometimes the waste gets left in the staircase or in front of the door.



**Figure 6:** (a) Waste left in the staircase at the Da Gama Naval Flats. (b) Waste pulled out from underneath the door at the bin bay at the Kroonseil flats. (c) Kroonseil bin bay over filled.

### **Births and Deaths**

One birth was recorded in the Da Gama Park on 8 July 2016. No deaths were noted in the South East during this reporting period

### **Recommendations**

- 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.
- **Broken garages** at the naval flats in Da Gama Park should be fixed, because the baboons are climbing in through the openings to gain access to the bins.

- **Locks on baboon-proof bins should be kept locked at all times, even on bin days.** This is because the trucks are able to open bins with the locks being locked.
- All vegetable gardens should be baboon-proofed and residents should refrain from growing fruit trees in baboon affected areas, or remove fruit from trees.
- **Waste management and the security office kitchen, at SANAD,** should be baboon proofed, as this is attracting baboons into the facility.
- Electric fencing around SANAD should be kept on if possible, **and if it is off, security guards should inform the rangers or alert the hotline.**
- Waterfall Barracks should still **utilise baboon-proof bins and keep doors and windows closed.**

#### South Western Region – Area Manager: Cath Shutte

#### **1. Groot Olifantsbos Troop (GOB)**

The GOB Troop continued to move in and out of the Cape of Good Hope (CoGH) Reserve this month. The troop continued to alternate between different sleep sites within their home range. However, they chose to sleep inside the reserve for the majority of the month (16 nights). The other sleep sites that were utilised were Red Hill, Shamballah and Perdekloof.

Following on from last month's trend (HWS June 2016 report), the troop concentrated its-forage efforts in the lush wetland behind the Perdekloof picnic site. While outside the reserve, the troop supplemented its diet by foraging under the pine's at Shamballah and within the thick protea stands behind the CoGH Nursery.

There was an interesting shift in movement patterns last month (HWS June 2016). The alpha male of the GOB Troop (GOB7) chose to increase his ranging patterns in an attempt to join the Waterfall Troop. However, after spending roughly one week with the Waterfall Troop he returned to the GOB Troop where he subsequently has remained to date.

On 8 July 2016, GOB7 left the GOB Troop once more in search of the Waterfall Troop. GOB7 moved out of the reserve towards the SANAD sleep site, but was unsuccessful in locating the Waterfall Troop. GOB7 returned to the GOB Troop later that evening, where he has remained to date. However, on 21 July 2016, GOB7 once again left the GOB Troop in search of the Waterfall Troop. GOB7 moved into Klawer Valley and towards the Waterfall Cliffs above the Simon's Town Barracks. He remained on the cliffs, barking for the Waterfall Troop. GOB7 spent the night on the cliffs with the Waterfall Troop.

The GOB Troop attempted to follow GOB7, but was blocked by rangers at Signal School and moved back to the Shamballah sleep site. The troop moved into the reserve the following day. However, GOB7 has since remained with the Waterfall Troop. It is thought that this shift comes in the wake of a new male moving into the GOB Troop. KOB2, has been with the GOB Troop for a few months, but is only now beginning to assert his dominance.

## **2. Misty Cliffs Troop (MC)**

The Misty Cliffs Troop's social structure was placed under pressure this month. SK3, an adult male from the neighbouring Da Gama Troop, moved into the Misty Cliffs Troop. On 26 June 2016, SK3 broke away from the Da Gama Troop and moved in the direction of the Misty Cliffs Troop, which was foraging in the indigenous vegetation below the cliffs between Scarborough and Misty Cliffs. SK3 chased the females along the cliffs towards Scarborough. The females then entered town and hid in the dense bushes.

SK3 did not return to the Da Gama Troop and over the next few days, attempted to assert his dominance over the Misty Cliffs females. On 29 June 2016, SK3 chased the females into Scarborough. Once in town the five females spilt up and tried to hide. However, SK3, targeted the smallest adult female and attempted to catch and kill her juvenile. The adult female managed to protect her juvenile from SK3. However, in doing so she sustained injuries to her face and hind quarters. Her injuries were assessed in the field and were monitored closely. It is pleasing to note that she has made a full recovery.

On 1 July 2016, SK3, once again, chased the Misty Cliffs Troop into Scarborough. The females attempted to hide from SK3's advances, however he managed to catch one juvenile and kill it. Infanticide is the intentional killing of infants as a reproductive strategy, by adult males, moving into new baboon troops. By carrying out this act, the male increases his chance of fathering offspring, by bringing the females back into oestrus, they are able to conceive and therefore continue his bloodline.

On 5 July 2016, SK3 chased and attacked the females on the mountain above Scarborough. In a desperate attempt to evade SK3's advances, the females ran into town. SK3 continued his show of dominance and in the process, managed to kill a further two juveniles. One of which was MCF4's orphan, that was being raised by MCF5. As the troop moved to their sleep site that evening, SK3 continued to chase and attack the females.

On 15 July 2016, the rangers managed to move the troop, including SK3, into the CoGH reserve. They climbed the fence and ran straight to Bonteberg. However, the following morning, SK3 chased the troop out of the CoGH reserve and back into Scarborough.

On 17 July 2016, SK3 chased the troop from their sleep site straight into Scarborough and attempted to catch and kill another juvenile. The juvenile managed to evade SK3, but in the process got separated from her mother and the troop. The troop then moved out of town, onto the mountain, but the juvenile was left in town. On 19 July, the troop was pushed to Scarborough in an attempt to re-unite the juvenile with her mother. The troop only entered town at 16h30 and ran out of daylight hours to locate the lost juvenile.

On 20 July 2016, a hotline call was received at 22h44 alerting HWS to a juvenile baboon inside a house in Iris Way, Scarborough. Area Manager, Cath Shutte, responded immediately to the call out and collected the small juvenile female from the residence. The juvenile was placed in a holding facility over night and was kept for observations the following day. She was observed to have minor injuries on her hind legs and face. On 22 July 2016, the small juvenile female was released back to her troop above Misty Cliffs. Rangers observed the initial interaction of the juvenile to be that of immediate play with the other juveniles in the troop. HWS would like to take this opportunity to thank the residents that called the hotline for their care and compassion that they showed that night.



**Figure 7. Juveniles playing**

The Misty Cliffs Troop continued to utilise the cliffs sleep site, between Scarborough and Misty Cliffs, for the majority of the month (15 nights). However, there was a noticeable increase in usage of the Witsand sleep site (seven nights). The troop's foraging pattern was erratic this month, with the introduction of SK3. However, the troop made use of the forage on Baskloof, the dense indigenous vegetation below the big cliffs, along the stream adjacent to Misty Cliffs, as well as harvesting marine organisms from the rock pools along the coastline.



**Figure 8:** Misty Cliffs Troop movement for the July reporting period.

The troop, as a whole, entered the urban area on 13 occasions this month, a noticeable increase from last month's seven occasions (HWS June 2016 Monthly Report). Most of these movements into town were precipitated by SK3 chasing and attacking the females on the mountains. The troop would run from his advances and scatter and hide in town. SK3 was responsible for five bin raids, two occupied house raids and one unoccupied house raid this month. The troop as a whole raided bins on only three occasions.

| HWS: TROOP MONTHLY REPORT |  |                      |                              |    |                                    |                    |     |                |     |                                  |   |                |                                            |   |                                       |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       |       |  |
|---------------------------|--|----------------------|------------------------------|----|------------------------------------|--------------------|-----|----------------|-----|----------------------------------|---|----------------|--------------------------------------------|---|---------------------------------------|---|---|---------|----|----|----|----|----|--------------|-----|----|-----|----|-----|-------|-------|--|
| SECTOR                    |  | CLASSES OF BEHAVIOUR |                              |    |                                    |                    |     |                |     |                                  |   |                |                                            |   |                                       |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       |       |  |
| SOUTH WEST                |  | 1                    | In urban area                |    |                                    |                    | 4   | Attacking pets |     |                                  |   | 7              | Threatening behaviour/attack/stealing food |   |                                       |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       |       |  |
| BABOON TROOP:             |  | Misty Cliffs         |                              | 2  | Raid bins                          |                    |     |                | 5   | Raid unoccupied house or vehicle |   |                |                                            | 8 | Breaking & Entering/Damaging property |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       |       |  |
| MONTH: JULY               |  | YEAR: 2016           |                              | 3  | Non malicious damage               |                    |     |                | 6   | Raid occupied house or vehicle   |   |                |                                            | 9 | Nocturnal Raiding                     |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       |       |  |
|                           |  |                      |                              |    |                                    |                    |     |                |     |                                  |   |                |                                            |   |                                       |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       |       |  |
| BABOON ID                 |  | Sex                  | 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    | TOTAL |  |
| MCF5                      |  | F                    |                              |    |                                    |                    |     |                |     |                                  |   |                |                                            |   |                                       |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       | 0     |  |
| SK3                       |  | M                    | 2                            |    |                                    | 1                  | 6   | 1              | 1   | 1                                |   |                | 6                                          |   |                                       |   |   |         |    |    | 2  |    |    | 2            | 2   | 2  |     | 1  |     | 5     | 13    |  |
| UnId Females              |  | F                    |                              | 2  |                                    |                    | 5   |                |     |                                  |   |                | 1                                          |   |                                       |   |   |         |    |    | 2  |    |    |              | 6   |    |     |    |     |       | 5     |  |
| Juveniles                 |  |                      |                              |    |                                    |                    |     |                |     |                                  |   |                |                                            |   |                                       |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       | 0     |  |
| Troop                     |  |                      | 2                            | 1  | 1                                  |                    | 1   | 1              | 1   | 1                                |   |                | 1                                          |   |                                       |   |   |         |    |    | 1  |    |    | 1            | 2   | 2  | 1   |    |     |       | 13    |  |
|                           |  | %                    | TIME SPENT IN TOWN (Minutes) |    |                                    |                    |     |                |     |                                  |   |                |                                            |   |                                       |   |   |         |    |    |    |    |    |              |     |    | HRS |    |     |       |       |  |
| Troop                     |  | 17.1                 | 540                          | 90 | 375                                |                    | 175 | 420            | 390 | 420                              |   |                | 93                                         |   |                                       |   |   |         |    |    | 27 |    |    | 240          | 360 | 60 | 120 |    |     |       | 55.17 |  |
| Individuals               |  | 6.5                  |                              |    |                                    | 38                 | 440 |                |     |                                  |   |                | 176                                        |   |                                       |   |   |         |    |    |    |    |    |              | 420 |    |     | 10 | 180 |       | 21.07 |  |
|                           |  |                      |                              |    |                                    |                    |     |                |     |                                  |   |                |                                            |   |                                       |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       |       |  |
| Roost:                    |  | AM                   | 1                            | 6  | 6                                  | 1                  | 1   | 6,5            | 1   | 1                                | 1 | 1              | 1                                          | 1 | 1                                     | 3 | 3 | 3       | 3  | 3  | 3  | 2  | 3  | 4            | 1   | 2  | 1   | 1  | 1   | 1     |       |  |
| Roost:                    |  | PM                   | 1                            | 6  | 1                                  | 1                  | 6,5 | 1              | 1   | 1                                | 1 | 1              | 1                                          | 1 | 3                                     | 3 | 3 | 3       | 3  | 3  | 2  | 3  | 4  | 1            | 2   | 1  | 1,5 | 1  | 1   | 2     |       |  |
| Roost Sites               |  |                      |                              |    | 1                                  | Misty Cliffs 1     |     |                |     |                                  | 2 | Misty Cliffs 2 |                                            |   |                                       |   | 3 | Witsand |    |    |    |    | 4  | CoGH Reserve |     |    |     |    | 5   | Other |       |  |
|                           |  |                      |                              |    | 6                                  | Scarborough Beacon |     |                |     |                                  |   |                |                                            |   |                                       |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       |       |  |
| ID Features of Baboons    |  |                      |                              |    |                                    |                    |     |                |     |                                  |   |                |                                            |   |                                       |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       |       |  |
| General remarks           |  |                      |                              |    | Infanticide: 01 July / 05 July (2) |                    |     |                |     |                                  |   |                |                                            |   |                                       |   |   |         |    |    |    |    |    |              |     |    |     |    |     |       |       |  |

**Figure 9:** Misty Cliffs Troop's raid sheet for July 2016.

### 3. Slangkop Troop

The Slangkop Troop changed its sleep site preference this month. The troop predominantly slept at the compass cliffs sleep site (16 nights) and spent only 12 nights in the pines behind Ocean View. The troop concentrated its foraging efforts on the upper reaches of the mountain behind the Rasta Camp, the plateau above the Compass Cliffs sleep site and inside the dense invasive alien vegetation on Kompanjestein Vineyard Estate.



**Figure 10: Slangkop Troop movement for the July reporting period.**

Following on from last month, rangers attempted to keep a distance between the Slangkop Troop and the children with dogs behind Ocean View. However, there were three occasions (predominantly over weekends) where the children came into contact with the troop. Immediate attempts were made to move the troop to the upper reaches of the mountain, until the children gave up on the chase.

On 14 July 2016, while moving through the stream alongside Ocean View, a small juvenile baboon became separated from the troop and ended up on the roof of a house in Carnation Road. The juvenile was unable to climb down off the roof because there were dogs attempting to bite it. The owner of the house called the baboon hotline (071 588 6540) to alert our staff to the situation. Assistant Response Manager, Abel Takalani, responded to the call and asked the resident to put the dogs in the house. Once the surrounding area was secure, the juvenile climbed down and was caught by HWS staff. The juvenile was transported back to the troop and released just below the sleep site.

The Slangkop Troop's time in town dropped this month. This is a very pleasing result for troop management. The troop as a whole only entered the urban area on five occasions this month and both individual and troop bin raids were reduced. The troop continued to visit In2Foods Compass to raid the bins. A meeting was held between Cath Shutte, South West Area Manager, Ziggy Rode, Senior Area Manager, and Jeanice Fisher, Waste Manager at In2Foods Compass, to discuss possible attractants to the area. Various suggestions were made to make the facility more baboon-proof. A follow up visit will be conducted.

| HWS: TROOP MONTHLY REPORT |     |                              |    |                      |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    |    |    |         |    |    |     |    |    |       |       |  |  |  |
|---------------------------|-----|------------------------------|----|----------------------|----------------------|----|----|----|---|----|----------------------------------|---|----|---|----|---|--------------------------------------------|----|----|----|----|----|---------|----|----|-----|----|----|-------|-------|--|--|--|
| SECTOR                    |     |                              |    | CLASSES OF BEHAVIOUR |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    |    |    |         |    |    |     |    |    |       |       |  |  |  |
| SOUTH WEST                |     |                              |    | 1                    | In urban area        |    |    |    |   | 4  | Attacking pets                   |   |    |   |    | 7 | Threatening behaviour/attack/stealing food |    |    |    |    |    |         |    |    |     |    |    |       |       |  |  |  |
| BABOON TROOP:             |     | Slangkop                     |    | 2                    | Raid bins            |    |    |    |   | 5  | Raid unoccupied house or vehicle |   |    |   |    | 8 | Breaking & Entering/Damaging property      |    |    |    |    |    |         |    |    |     |    |    |       |       |  |  |  |
| MONTH: JULY               |     | YEAR: 2016                   |    | 3                    | Non malicious damage |    |    |    |   | 6  | Raid occupied house or vehicle   |   |    |   |    | 9 | Nocturnal Raiding                          |    |    |    |    |    |         |    |    |     |    |    |       |       |  |  |  |
|                           |     |                              |    |                      |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    |    |    |         |    |    |     |    |    |       |       |  |  |  |
| BABOON ID                 | Sex | 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    | TOTAL |  |  |  |
| DG6                       | M   |                              | 1  |                      | 6                    |    |    |    |   |    | 1                                |   | 2  |   |    |   |                                            |    |    |    |    | 2  |         |    |    |     |    |    |       | 5     |  |  |  |
| SKF1                      | F   |                              |    |                      |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    |    |    |         |    |    |     |    |    |       | 0     |  |  |  |
| SKF2                      | F   |                              |    |                      |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    |    |    |         |    |    |     |    |    |       | 0     |  |  |  |
| SK6 (Sub-adult)           | M   |                              |    |                      |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    | 1  | 2  |         |    | 2  |     |    |    |       | 3     |  |  |  |
| UnID Males                | M   |                              |    |                      |                      |    |    |    |   |    |                                  |   | 2  |   |    |   |                                            |    |    |    | 1  | 2  |         |    | 2  |     |    |    |       | 4     |  |  |  |
| UnID Females              | F   |                              |    |                      |                      |    |    |    |   | 2  | 1                                |   |    |   |    |   |                                            |    |    |    |    | 2  |         |    |    |     |    |    |       | 3     |  |  |  |
| UnID Juveniles            |     |                              |    |                      |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    |    | 2  |         |    |    |     |    |    |       | 1     |  |  |  |
| Troop                     |     | 1                            |    |                      | 2                    |    |    | 2  |   |    |                                  |   |    |   | 2  |   |                                            |    |    |    |    | 1  |         |    |    |     |    |    |       | 5     |  |  |  |
|                           |     |                              |    |                      |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    |    |    |         |    |    |     |    |    |       |       |  |  |  |
|                           | %   | TIME SPENT IN TOWN (Minutes) |    |                      |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    |    |    |         |    |    | HRS |    |    |       |       |  |  |  |
| Troop                     | 0.8 | 5                            |    |                      | 68                   |    |    | 30 |   |    |                                  |   |    |   | 30 |   |                                            |    |    |    |    | 15 |         |    |    |     |    |    |       | 2.47  |  |  |  |
| Individuals               | 0.4 |                              | 8  |                      |                      |    |    |    |   | 10 | 4                                |   | 15 |   |    |   |                                            |    |    |    | 11 | 25 |         |    | 10 |     |    |    |       | 1.38  |  |  |  |
|                           |     |                              |    |                      |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    |    |    |         |    |    |     |    |    |       |       |  |  |  |
| Roost:                    | AM  | 3                            | 3  | 2                    | 3                    | 3  | 2  | 2  | 3 | 3  | 3                                | 3 | 2  | 3 | 3  | 2 | 3                                          | 3  | 2  | 2  | 3  | 3  | 3       | 3  | 2  | 3   | 3  | 3  | 2     |       |  |  |  |
| Roost:                    | PM  | 3                            | 2  | 3                    | 3                    | 2  | 2  | 3  | 3 | 3  | 3                                | 2 | 3  | 2 | 2  | 3 | 3                                          | 2  | 2  | 3  | 3  | 3  | 3       | 2  | 3  | 2   | 3  | 2  | 2     |       |  |  |  |
| Roost Sites               |     |                              |    | 1                    | Slangkop             |    |    |    |   | 2  | Ocean View                       |   |    |   |    | 3 | Compass Bakery                             |    |    |    |    | 4  | Witsand |    |    |     |    | 5  | Other |       |  |  |  |
| ID Features of Baboons    |     |                              |    |                      |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    |    |    |         |    |    |     |    |    |       |       |  |  |  |
| General remarks           |     |                              |    |                      |                      |    |    |    |   |    |                                  |   |    |   |    |   |                                            |    |    |    |    |    |         |    |    |     |    |    |       |       |  |  |  |

**Figure 11:** Slangkop Troop's raid sheet for July 2016.

### **Births and Deaths**

This month, three juveniles were killed due to infanticide in the Misty Cliffs Troop. No births were recorded.

### **Recommendations**

- **Removal of Invasive Alien Vegetation:** The patches of invasive alien vegetation situated above Ocean View and below the Compass Bakery sleep site need to be removed in order to improve management of the Slangkop Troop. This issue has been addressed with SANParks and is pending.
- **Fruiting Trees:** All visible fruit should be harvested from fruit trees in baboon affected areas.
- **In2Foods Compass:** Recycling area should be baboon-proofed and black bins should be tied up to prevent them from being tipped over.

### Northern Region – Area Manager: Robyn Khoury

#### 1. Tokai Troop

As usual for this time of year, the Tokai Troop foraged in the lower sections of Constantiaberg and around Porter Estate.

Due to a faulty data logger, no movement data was collected for the Tokai Troop this month. However, the Tokai Troop foraged in the same area as the Zwaanswyk Troop during July 2016 (Figure 13).

TK47 and TK28, both adult males in the Tokai Troop raided together many times in July (Figure 12). They would leave the Tokai Troop, and run across Orpen Road, through to the Cape Academy, or nearby houses. At the Cape Academy these two males found access to bins, or entered the hostels and kitchens to raid. Additionally, these two males liked to sit in the Mitzeeri Trees (*Bridelia micrantha*) along Orpen Road and forage on the ripe berries.

| HWS: TROOP MONTHLY REPORT |     |                                                                             |                 |    |                      |       |    |                         |   |                                  |     |      |                                            |   |                                       |     |    |                   |     |     |    |    |                  |     |     |     |    |     |      |       |
|---------------------------|-----|-----------------------------------------------------------------------------|-----------------|----|----------------------|-------|----|-------------------------|---|----------------------------------|-----|------|--------------------------------------------|---|---------------------------------------|-----|----|-------------------|-----|-----|----|----|------------------|-----|-----|-----|----|-----|------|-------|
| SECTOR                    |     | CLASSES OF BEHAVIOUR                                                        |                 |    |                      |       |    |                         |   |                                  |     |      |                                            |   |                                       |     |    |                   |     |     |    |    |                  |     |     |     |    |     |      |       |
| NORTH                     |     | 1                                                                           | In urban area   |    |                      |       | 4  | Attacking pets          |   |                                  |     | 7    | Threatening behaviour/attack/stealing food |   |                                       |     |    |                   |     |     |    |    |                  |     |     |     |    |     |      |       |
| BABOON TROOP:             |     | TOKAI                                                                       |                 | 2  | Raid bins            |       |    |                         | 5 | Raid unoccupied house or vehicle |     |      |                                            | 8 | Breaking & Entering/Damaging property |     |    |                   |     |     |    |    |                  |     |     |     |    |     |      |       |
| MONTH: JULY               |     | YEAR: 2016                                                                  |                 | 3  | Non malicious damage |       |    |                         | 6 | Raid occupied house or vehicle   |     |      |                                            | 9 | Nocturnal Raiding                     |     |    |                   |     |     |    |    |                  |     |     |     |    |     |      |       |
| BABOON ID                 | Sex | 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   | TOTAL |
| TK28 (B-G)                | M   | 2                                                                           | 5               | 2  | 1                    | 2,2   |    | 2                       | 2 |                                  |     | 1    |                                            | 5 | 1,2                                   | 2,2 | 6  |                   | 2,6 |     | 7  | 7  |                  |     | 1,2 |     |    | 1   | 22   |       |
| TK 47 (White)             | M   | 2, 6                                                                        |                 |    | 2                    | 2,2,2 |    | 2                       |   |                                  | 5,6 |      |                                            | 5 |                                       |     |    |                   | 2,2 |     |    | 6  |                  |     | 6   | 1,6 |    |     | 6    | 17    |
| TK48 (RED)                | M   |                                                                             |                 |    |                      |       |    |                         |   |                                  |     |      |                                            |   |                                       |     |    | 5                 |     |     |    |    |                  |     |     |     |    |     | 1    |       |
| MT3 (Pu-B) alpha          | M   |                                                                             |                 |    |                      |       |    |                         |   |                                  |     |      |                                            |   |                                       |     |    |                   |     |     |    |    |                  |     |     |     |    |     | 0    |       |
| TK 45 (Purp-W)            | M   |                                                                             |                 |    |                      |       |    | 2                       |   |                                  |     | 2    |                                            |   |                                       |     |    |                   |     |     | 2  |    |                  |     |     | 1   |    |     | 4    |       |
| Uni Male                  | M   |                                                                             |                 |    |                      |       |    |                         |   |                                  |     |      |                                            |   |                                       |     |    |                   |     |     | 2  |    |                  |     |     |     |    |     | 1    |       |
| Uni Female                | F   |                                                                             |                 | 2  |                      |       |    |                         |   |                                  |     |      |                                            |   |                                       |     |    |                   |     |     |    |    |                  |     |     |     |    |     | 1    |       |
| Tokai Troop               |     |                                                                             |                 |    |                      |       |    |                         |   |                                  |     |      |                                            |   |                                       |     |    |                   |     |     |    |    |                  |     |     |     |    |     | 0    |       |
|                           | %   | TIME SPENT IN TOWN (Minutes)                                                |                 |    |                      |       |    |                         |   |                                  |     |      |                                            |   |                                       |     |    |                   |     |     |    |    |                  |     |     | HRS |    |     |      |       |
| Troop                     | 0.0 |                                                                             |                 |    |                      |       |    |                         |   |                                  |     |      |                                            |   |                                       |     |    |                   |     |     |    |    |                  |     |     |     |    |     | 0.00 |       |
| Individuals               | 2.6 | 35                                                                          |                 | 15 | 30                   | 95    |    | 25                      |   |                                  | 15  | 10   |                                            |   | 30                                    | 90  |    |                   | 20  |     | 10 |    |                  |     | 40  |     | 80 |     | 8.25 |       |
| Roost:                    | AM  | 1                                                                           | 1               | 6  | 6                    | 6     | 1  | 1                       | 6 | 8                                | 1   | 1    | 8+10                                       | 6 | 1                                     | 1   | 6  | 1                 | 1   | 1+6 | 6  | 1  | 1                | 1+6 | 1   | 1   | 1  | 6   | 1+6  |       |
| Roost:                    | PM  | 1                                                                           | 6               | 6  | 6                    | 1     | 1  | 6                       | 8 | 1                                | 1   | 8+10 | 1                                          | 1 | 1                                     | 1   | 1  | 1                 | 1+6 | 6   | 1  | 1  | 1+6              | 1   | 1   | 1   | 6  | 1+6 | 1    |       |
| Roost Sites               |     | 1                                                                           | Tea Garden      |    |                      |       | 2  | Lev 1 Zwk Gums          |   |                                  |     | 3    | Lev 2 stream                               |   |                                       |     | 4  | Lev 4 Pines       |     |     |    | 5  | Upper Tea Garden |     |     |     |    |     |      |       |
|                           |     | 6                                                                           | Manor House     |    |                      |       | 7  | Picnic site 1           |   |                                  |     | 8    | Picnic site 2                              |   |                                       |     | 9  | Middle Plantation |     |     |    | 10 | Tokai bridge     |     |     |     |    |     |      |       |
|                           |     | 11                                                                          | Sivermine pines |    |                      |       | 12 | Level 3 Mixed plantatio |   |                                  |     | 13   | Other                                      |   |                                       |     | 14 |                   |     |     |    | 15 |                  |     |     |     |    |     |      |       |
| ID Features of Baboons    |     |                                                                             |                 |    |                      |       |    |                         |   |                                  |     |      |                                            |   |                                       |     |    |                   |     |     |    |    |                  |     |     |     |    |     |      |       |
| General remarks           |     | Bold and <i>italics</i> represent raids that took place in non-urban areas. |                 |    |                      |       |    |                         |   |                                  |     |      |                                            |   |                                       |     |    |                   |     |     |    |    |                  |     |     |     |    |     |      |       |

**Figure 12:** Tokai Troop's raid sheet for July 2016.

Chrysalis Academy was also a raiding hotspot for the troop this month, and the troop spent much of its time on the campus. The males in the troop would take any opportunity to raid, be it unsecured bins, or an opening to enter the kitchen or hostels. TK47 even entered the Chrysalis office complex by opening the door.

On the 27 June 2016, a female baboon found a small hole in the waste skip at Chrysalis, and entered the cage to pick through the waste. After getting this female out, HWS Rangers reported the problem to Chrysalis ground management, and the hole was repaired within two hours.

## 2. Zwaanswyk Troop

The Zwaanswyk Troop foraged in the same area as the Tokai Troop during July 2016.



**Figure 13:** Zwaanswyk Troop's movements in July 2016

The troop as a whole, did not raid during this reporting period, however the alpha male, MT2, raided heavily and targeted the Tokai Picnic Site. MT2 mainly raided bins or tables laden with food. When MT2 entered the picnic site, or approached a group, generally the picnickers would scatter, and MT2 would jump on the unoccupied table and help himself to whatever food was available.

There were only two urban incursions from MT2 during this reporting period, on the 8 and 22 July 2016. On these occasions MT2 managed to dodge rangers near the Cape Research Centre and entered Zwaanswyk by going around the fence, and up Zwaanswyk Road. Only one bin raid was achieved during these incursions, and MT2 was out of the urban area within 20 minutes (Figure 14).

| 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: JULY               | YEAR: 2016 | 3                                                                           | Non malicious damage |    |    |    | 6  | Raid occupied house or vehicle   |   |    |    | 9  | Nocturnal Raiding                          |    |     |   |    |                   |    |    |    |    |                  |    |    |     |    |    |    |       |   |
|                           |            |                                                                             |                      |    |    |    |    |                                  |   |    |    |    |                                            |    |     |   |    |                   |    |    |    |    |                  |    |    |     |    |    |    |       |   |
| BABOON ID                 | Sex        | 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 | TOTAL |   |
| MT2 (Y+collar)            | M          | 5                                                                           |                      |    | 5  |    | 5  |                                  |   | 5  |    |    |                                            | 5  | 2,2 | 5 |    | 3                 |    |    |    |    | 5                |    |    |     |    |    | 1  | 10    |   |
| TKF5 (Green)              | F          |                                                                             |                      |    |    |    |    |                                  |   |    |    |    |                                            |    |     |   |    |                   |    |    | 2  |    |                  |    |    |     |    |    |    | 1     |   |
| TKF7 (Red) tag out        | F          |                                                                             |                      |    |    |    |    |                                  |   |    |    |    |                                            |    |     |   |    | 3                 |    |    |    |    |                  |    |    |     |    |    |    | 1     |   |
| Uni Adult female          | F          |                                                                             |                      |    |    |    |    |                                  |   |    |    |    |                                            |    |     |   |    |                   |    |    | 2  |    |                  |    |    |     | 5  | 6  |    | 3     |   |
| Zwaanswyk Troop           |            |                                                                             |                      |    |    |    |    |                                  |   |    |    |    |                                            |    |     |   |    |                   |    |    |    |    |                  |    |    |     |    |    |    | 0     |   |
|                           |            |                                                                             |                      |    |    |    |    |                                  |   |    |    |    |                                            |    |     |   |    |                   |    |    |    |    |                  |    |    |     |    |    |    |       |   |
|                           | %          | TIME SPENT IN TOWN (Minutes)                                                |                      |    |    |    |    |                                  |   |    |    |    |                                            |    |     |   |    |                   |    |    |    |    |                  |    |    | HRS |    |    |    |       |   |
| Troop                     | 0.0        |                                                                             |                      |    |    |    |    |                                  |   |    |    |    |                                            |    |     |   |    |                   |    |    |    |    |                  |    |    |     |    |    |    | 0.00  |   |
| Individuals               | 0.2        |                                                                             |                      |    |    |    |    |                                  |   |    |    |    |                                            |    | 20  |   |    |                   |    |    |    |    |                  |    |    |     |    | 15 |    | 0.58  |   |
|                           |            |                                                                             |                      |    |    |    |    |                                  |   |    |    |    |                                            |    |     |   |    |                   |    |    |    |    |                  |    |    |     |    |    |    |       |   |
| Roost:                    | AM         | 6                                                                           | 1                    | 1  | 1  | 1  | 1  | 1                                | 1 | 1  | 10 | 1  | 1                                          | 10 | 7   | 1 | 1  | 6                 | 10 | 13 | 1  | 6  | 1                | 1  | 10 | 6   | 1  | 1  | 10 | 6     |   |
| Roost:                    | PM         | 1                                                                           | 1                    | 1  | 1  | 1  | 1  | 1                                | 1 | 10 | 1  | 1  | 10                                         | 1  | 1   | 1 | 1  | 1                 | 13 | 1  | 6  | 1  | 1                | 1  | 1  | 1   | 1  | 1  | 10 | 6     | 1 |
| Roost Sites               |            | 1                                                                           | Tea Garden           |    |    |    | 2  | Level 1 ZWK gums                 |   |    |    | 3  | Level 2 stream                             |    |     |   | 4  | Lev 4 Pines       |    |    |    | 5  | Upper Tea Garden |    |    |     |    |    |    |       |   |
|                           |            | 6                                                                           | Manor House          |    |    |    | 7  | Picnic 1                         |   |    |    | 8  | Picnic 2                                   |    |     |   | 9  | Middle Plantation |    |    |    | 10 | Tokai Bridge     |    |    |     |    |    |    |       |   |
|                           |            | 11                                                                          | Silvermine Pines     |    |    |    | 12 | Lev 3 mixed plantation           |   |    |    | 13 | Other                                      |    |     |   | 14 |                   |    |    |    | 15 |                  |    |    |     |    |    |    |       |   |
| ID Features of Baboons    |            |                                                                             |                      |    |    |    |    |                                  |   |    |    |    |                                            |    |     |   |    |                   |    |    |    |    |                  |    |    |     |    |    |    |       |   |
| General remarks           |            | Bold and <i>italics</i> represent raids that took place in non-urban areas. |                      |    |    |    |    |                                  |   |    |    |    |                                            |    |     |   |    |                   |    |    |    |    |                  |    |    |     |    |    |    |       |   |

Figure 14: Zwaanswyk Troop's raid sheet for July 2016.

### 3. Constantia Troop 1 (CT1)

The Constantia Troop 1 (CT1) used both sides of its home range during this reporting period (Figure 15). For the first half of the month, the troop foraged on the northern side of the mountain, in the stream vegetation below Price Drive.



Figure 15: CT1 Troop's movements in July 2016.

While on the northern side the mountain, the males from CT1 took the opportunity to run past HWS rangers and enter Price Drive to raid (Figure 15). The thick invasive alien vegetation in this area made it incredibly difficult to see baboons leaving the troop and heading to the urban area.

On the 26 and 29 June 2016, a large number of baboons (approximately 20) managed to evade rangers and entered Price Drive. HWS rangers responded swiftly and the baboons were back in the natural vegetation within half an hour. The many fruit trees, vineyards and vegetable gardens in the Price Drive properties are attractants to the troop.

| HWS: TROOP MONTHLY REPORT |     |                                                                             |               |                      |                |                                  |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    |       |   |
|---------------------------|-----|-----------------------------------------------------------------------------|---------------|----------------------|----------------|----------------------------------|--------------------------------------------|---------------------------------------|-----|-------------------|-------|----|-------|------------------------|-------|---|----|-------------|----|----|----|----|----|----|----|-----|-----|----|----|-------|---|
| SECTOR                    |     | CLASSES OF BEHAVIOUR                                                        |               |                      |                |                                  |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    |       |   |
| NORTH                     |     | 1                                                                           | In urban area | 4                    | Attacking pets | 7                                | Threatening behaviour/attack/stealing food |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    |       |   |
| BABOON TROOP:             |     | CT 1                                                                        | 2             | Raid bins            | 5              | Raid unoccupied house or vehicle | 8                                          | Breaking & Entering/Damaging property |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    |       |   |
| MONTH: JULY               |     | YEAR: 2016                                                                  | 3             | Non malicious damage | 6              | Raid occupied house or vehicle   | 9                                          | Nocturnal Raiding                     |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    |       |   |
| BABOON ID                 | Sex | 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 | TOTAL |   |
| TK33 (R-O) Orange o       | M   | 6                                                                           | 1             | 1,1                  | 1,1            |                                  | 1,2                                        |                                       |     |                   |       |    |       | 1,2,                   | 1,2   |   |    |             | 2  |    |    |    |    |    |    |     | 1   |    |    | 14    |   |
| CON1 (untagged)           | M   |                                                                             |               | 2                    | 1              |                                  |                                            |                                       |     |                   |       | 1  | 1     |                        |       |   |    |             |    |    |    |    |    |    |    |     | 1   |    |    | 5     |   |
| CON2 (B-O)                | M   |                                                                             |               |                      | 1              | 1                                |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    | 2     |   |
| CON5 (G-G)                | M   |                                                                             | 1             |                      | 1              | 1                                | 1,2                                        |                                       | 1,2 |                   | 6     |    | 1,5,6 | 1,2                    | 1,2,2 |   |    | 6           |    |    |    |    |    |    |    |     |     |    |    | 17    |   |
| CON6 (O) Collar           | M   |                                                                             |               |                      | 1              |                                  |                                            |                                       |     |                   |       |    | 5     |                        |       |   |    | 6,6,7       |    |    |    |    |    |    |    |     |     | 2  |    | 6     |   |
| CON7 (P-G)                | M   | 1                                                                           | 6             |                      | 1              | 1,2                              |                                            |                                       |     |                   | 2,6,7 | 6  |       |                        |       |   |    |             | 2  |    |    |    |    |    |    |     |     |    |    | 10    |   |
| CON 8 (Purp)              | M   |                                                                             |               |                      |                | 1                                |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    | 1     |   |
| CON 10 (Pi-Pi)            | M   |                                                                             |               |                      |                | 1                                |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    | 1     |   |
| CON 11 (Y-Y) SA           | M   |                                                                             |               |                      |                |                                  |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    | 0     |   |
| CON 13 (W-W)              | M   |                                                                             | 1             |                      |                | 1                                |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    | 2     |   |
| MT1 (G-W) White tag       | M   |                                                                             |               |                      |                |                                  |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     | 1   |    |    | 1     |   |
| Uni SA Male               | M   |                                                                             | 1             |                      |                | 1                                |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    | 2     |   |
| Uni A Male                | M   |                                                                             | 1             |                      |                |                                  |                                            |                                       |     |                   |       |    | 1     |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    | 2     |   |
| Uni juve                  | M   |                                                                             | 1             |                      |                | 1                                |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    | 2     |   |
| Uni Female                | F   |                                                                             | 1             |                      |                | 1                                |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    | 2     |   |
|                           | %   | TIME SPENT IN TOWN (Minutes)                                                |               |                      |                |                                  |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    | HRS |     |    |    |       |   |
| Troop                     | 0.2 | 30                                                                          |               |                      |                |                                  |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    | 0.50  |   |
| Individuals               | 4.0 | 15                                                                          | 55            | 20                   | 40             | 80                               | 20                                         | 25                                    | 20  |                   | 50    | 10 | 110   | 135                    | 60    |   |    |             | 30 |    |    |    |    |    |    |     | 100 |    |    | 12.83 |   |
| Roost:                    | AM  | 5                                                                           | 1             | 5                    | 5+9            | 5                                | 5                                          | 5                                     | 5   | 5                 | 5     | 1  | 1     | 1                      | 5     | 5 | 5  | 1           | 1  | 1  | 3  | 3  | 3  | 3  | 3  | 1+6 | 3   | 3  | 1  | 1     | 1 |
| Roost:                    | PM  | 1                                                                           | 5             | 5+9                  | 5              | 5                                | 5                                          | 5                                     | 5   | 5                 | 1     | 1  | 1     | 5                      | 5     | 5 | 1  | 1           | 1  | 3  | 3  | 3  | 3  | 3  | 3  | 3   | 3   | 1  | 1  | 1     | 1 |
| Roost Sites               |     | 1 Upper Gums                                                                |               |                      |                | 2 Lower Gums                     |                                            |                                       |     | 3 Bike Trail Gums |       |    |       | 4 Middle Plantation KC |       |   |    | 5 McKenzies |    |    |    |    |    |    |    |     |     |    |    |       |   |
|                           |     | 6 Buiten gums                                                               |               |                      |                | 7 Block 10 gums                  |                                            |                                       |     | 8 Castle gums     |       |    |       | 9 Dumping site         |       |   |    | 10 Other    |    |    |    |    |    |    |    |     |     |    |    |       |   |
| ID Features of Baboons    |     |                                                                             |               |                      |                |                                  |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    |       |   |
| General remarks           |     | Bold and <i>italics</i> represent raids that took place in non-urban areas. |               |                      |                |                                  |                                            |                                       |     |                   |       |    |       |                        |       |   |    |             |    |    |    |    |    |    |    |     |     |    |    |       |   |

**Figure 16:** CT1 raid sheet for July 2016.

CON5 and CON7 entered homes in Constantia regularly in the past year. They were both exceptionally bold, entered occupied houses and aggressively took whatever food they wanted. Due to their raiding history and aggressive nature, CON5 and CON7 were euthanised on the 14 July 2016 following Wild Animal Advisory Committee (WAAC) approval.

For a week in July, the troop moved to the southern side of its home range and foraged around the bike trails area. This area is far away from the urban edge, and hence a noticeable drop in raids can be seen between the 13 and 19 July 2016 (Figure 16). Unfortunately, CT1 did not stay there for very long and headed back to the northern side of the mountain on the 20 July 2016. While on the northern side, CT1 also entered Groot Constantia and foraged in the natural vegetation, and fed on barley planted on the farm.

On the 27 June, and the 17 July, it was noted that the CT1 troop split and slept at two different sleep sites (Figure 16). This is concerning as it is the behaviour that was observed at the start of the split in the original Constantia Troop last year.

On the 14 July 2016, an untagged male was tagged white-white and assigned the code CON13.

#### **4. Constantia Troop 2 (CT2)**

The Constantia Troop 2 (CT2) was seen rarely during this month. The troop slept mainly at the Bike Trail Gums sleep site, or the Buitenverwachting Gums sleep site and was moved up and out of Klein Constantia or Buitenverwachting by the wine farm's respective rangers each morning. This troop did not push towards the urban area, and neither the troop, nor any individuals raided this month.

An untagged sub adult male was tagged with a single blue tag on the 14 July 2016, and assigned the code CON12.

#### **5. Mountain Troop**

The Mountain Troop was managed more this month than usual, out of necessity. The troop slept either on Buitenverwachting or at Veels-Te-Ver Woods. The quickest way to get the troop out of Buitenverwachting was to push it south, or even east, down the mountain. Hence, when the Buitenverwachting rangers moved the troop off the mountain, they pushed it down towards Porter Estate. On most days one HWS ranger stayed with the troop, or checked up on it, to ensure it was not raiding on Porter Estate, or crossing into the urban area.

| HWS: TROOP MONTHLY REPORT |            |                      |                                                                             |    |    |    |                       |                                  |    |    |    |   |                                            |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    |             |  |  |  |    |  |  |  |          |  |
|---------------------------|------------|----------------------|-----------------------------------------------------------------------------|----|----|----|-----------------------|----------------------------------|----|----|----|---|--------------------------------------------|---|-----------------------|----|----|----|----|----|----|----|---------------------|----|----|----|-----|----|----|----|-------------|--|--|--|----|--|--|--|----------|--|
| SECTOR                    |            | CLASSES OF BEHAVIOUR |                                                                             |    |    |    |                       |                                  |    |    |    |   |                                            |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    |             |  |  |  |    |  |  |  |          |  |
| NORTH                     |            | 1                    | In urban area                                                               |    |    |    | 4                     | Attacking pets                   |    |    |    | 7 | Threatening behaviour/attack/stealing food |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    |             |  |  |  |    |  |  |  |          |  |
| BABOON TROOP:             | MOUNTAIN   | 2                    | Raid bins                                                                   |    |    |    | 5                     | Raid unoccupied house or vehicle |    |    |    | 8 | Breaking & Entering/Damaging property      |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    |             |  |  |  |    |  |  |  |          |  |
| MONTH: JULY               | YEAR: 2016 | 3                    | Non malicious damage                                                        |    |    |    | 6                     | Raid occupied house or vehicle   |    |    |    | 9 | Nocturnal Raiding                          |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    |             |  |  |  |    |  |  |  |          |  |
| BABOON ID                 |            | Sex                  | 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 | TOTAL       |  |  |  |    |  |  |  |          |  |
| TK3 (W-B)                 |            | M                    |                                                                             |    |    |    |                       |                                  |    |    |    |   |                                            |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    | 0           |  |  |  |    |  |  |  |          |  |
| TK 36 (R-Pur) collar      |            | M                    |                                                                             |    |    |    |                       |                                  |    |    |    |   | 2                                          |   |                       |    |    |    |    |    | 1  |    |                     |    |    |    |     | 2  |    |    | 3           |  |  |  |    |  |  |  |          |  |
| MT 4 (Pur-O)              |            | M                    |                                                                             |    |    |    |                       |                                  |    |    |    |   | 2                                          |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    | 1           |  |  |  |    |  |  |  |          |  |
| UN-ID male                |            | M                    |                                                                             |    |    |    |                       |                                  |    |    |    |   |                                            | 5 |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    | 1           |  |  |  |    |  |  |  |          |  |
| UN-ID female              |            | F                    |                                                                             |    |    |    |                       |                                  |    |    |    |   |                                            |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     | 5  |    |    | 1           |  |  |  |    |  |  |  |          |  |
| Troop                     |            |                      |                                                                             |    |    |    |                       |                                  |    |    |    |   |                                            |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    | 0           |  |  |  |    |  |  |  |          |  |
|                           |            | %                    | TIME SPENT IN TOWN (Minutes)                                                |    |    |    |                       |                                  |    |    |    |   |                                            |   |                       |    |    |    |    |    |    |    |                     |    |    |    | HRS |    |    |    |             |  |  |  |    |  |  |  |          |  |
| Troop                     |            | 0.0                  |                                                                             |    |    |    |                       |                                  |    |    |    |   |                                            |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    | 0.00        |  |  |  |    |  |  |  |          |  |
| Individuals               |            | 0.1                  |                                                                             |    |    |    |                       |                                  |    |    |    |   |                                            |   |                       |    |    |    |    |    | 20 |    |                     |    |    |    |     |    |    |    | 0.33        |  |  |  |    |  |  |  |          |  |
|                           |            |                      |                                                                             |    |    |    |                       |                                  |    |    |    |   |                                            |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    |             |  |  |  |    |  |  |  |          |  |
| Roost:                    |            | AM                   | 10                                                                          | 8  | 8  | 8  | 1                     | 10                               | 10 | 10 | 10 | 1 | 1                                          | 1 | 10                    | 10 | 10 | 10 | 8  | 1  | 1  | 8  | 1                   | 10 | 1  | 1  | 1   | 1  | 1  | 8  |             |  |  |  |    |  |  |  |          |  |
| Roost:                    |            | PM                   | 8                                                                           | 8  | 8  | 8  | 1                     | 10                               | 3  | 10 | 10 | 1 | 1                                          | 1 | 1                     | 10 | 10 | 10 | 3  | 8  | 1  | 1  | 8                   | 8  | 1  | 1  | 1   | 1  | 1  | 8  | 8           |  |  |  |    |  |  |  |          |  |
| Roost Sites               |            |                      | 1                                                                           |    |    |    | Veels-te-ver -stores  |                                  |    |    | 2  |   |                                            |   | Veels-te-ver reservoi |    |    |    | 3  |    |    |    | Veels-te-ver kramat |    |    |    | 4   |    |    |    | Buiten gums |  |  |  | 5  |  |  |  | Block 10 |  |
|                           |            |                      | 6                                                                           |    |    |    | Level 3 Mixed plantat |                                  |    |    | 7  |   |                                            |   | Quarry gums           |    |    |    | 8  |    |    |    | Block 5 Pines       |    |    |    | 9   |    |    |    | Other       |  |  |  | 10 |  |  |  | Unknown  |  |
| ID Features of Baboons    |            |                      |                                                                             |    |    |    |                       |                                  |    |    |    |   |                                            |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    |             |  |  |  |    |  |  |  |          |  |
| General remarks           |            |                      | Bold and <i>italics</i> represent raids that took place in non-urban areas. |    |    |    |                       |                                  |    |    |    |   |                                            |   |                       |    |    |    |    |    |    |    |                     |    |    |    |     |    |    |    |             |  |  |  |    |  |  |  |          |  |

**Figure 17: Mountain Troop Raid sheet for July 2016.**

### **Births and Deaths**

One new-born was reported in the Tokai Troop on 5 July 2016. Two new-borns were reported in the Zwaanswyk Troop on 12 and 20 July 2016, respectively.

Three new-borns were reported in the CT1 Troop on 3 July 2016. Two adult males in the CT1 Troop were euthanised, following WAAC approval, due to their aggressive raiding behaviour.

Two new-born's reported in the Mountain Troop on the 15 July 2016.

### **Recommendations**

- On account of male baboons that run through to Firgrove Way, the **Cape Academy** is requested to baboon-proof its kitchen and hostels, by adding automatic closing gates which stay locked. Additionally, the Cape Academy should ensure that all bins on campus are baboon-proof.
- Picnickers at Tokai Picnic Site** should heed the warnings of SANParks and HWS rangers about having food out in the picnic site while baboons are at the facility. If advised to close the food up, it is recommended that they do so.
- The **Tokai Picnic Site** fence should be baboon-proofed, by removing signage and trees that allow baboons to jump over the fence.
- The **invasive alien vegetation** along Price Drive should be removed immediately. This vegetation is extremely dense and grows rapidly, and will soon require a huge effort to remove.

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

There were nine births and five deaths in the managed population this month, which therefore increased from 404 to 408 individuals. There was only one birth in the southern troops with the remaining eight births all occurring in the northern troops. Although this seems like a huge skew towards more births occurring in the north than the south, it is notable that both populations have increased by nine individuals this year.

There were five deaths this month. Three deaths were the result of infanticide by the male SK3, which moved from the Da Gama Troop to the Misty Cliffs Troop. The other two deaths were males from the Constantia Troops with extensive raiding records, that were euthanised with WAAC approval.

| TROOP             | Total December Populations |            |            |            | July 2016 |          |                          | Total Births 2016 | Total Deaths 2016 | Emigration/ Immigration 2016 | TOTAL CURRENT POPULATION |
|-------------------|----------------------------|------------|------------|------------|-----------|----------|--------------------------|-------------------|-------------------|------------------------------|--------------------------|
|                   | 2012                       | 2013       | 2014       | 2015       | Births    | Deaths   | Emigration / Immigration |                   |                   |                              |                          |
| Da Gama Troop     | 54                         | 45         | 43         | 49         | 1         | 0        | -1                       | 8                 | 4                 | -1                           | 52                       |
| Smitswinkel Bay   | 23                         | 21         | 22         | 23         | 0         | 0        | 0                        | 7                 | 1                 | 0                            | 29                       |
| Waterfall         | 28                         | 30         | 30         | 32         | 0         | 0        | +1                       | 0                 | 0                 | +2                           | 34                       |
| Groot Olifantsbos | 19                         | 13         | 17         | 16         | 0         | 0        | -1                       | 0                 | 0                 | 0                            | 16                       |
| Misty Cliffs      | 18                         | 16         | 14         | 11         | 0         | 3        | +1                       | 1                 | 3                 | 0                            | 9                        |
| Slangkop          | 33                         | 32         | 36         | 41         | 0         | 0        | 0                        | 0                 | 0                 | 0                            | 41                       |
| <b>SUB TOTAL</b>  | <b>175</b>                 | <b>157</b> | <b>162</b> | <b>172</b> | <b>1</b>  | <b>3</b> | <b>0</b>                 | <b>16</b>         | <b>8</b>          | <b>+1</b>                    | <b>181</b>               |
| Zwaanswyk         | 25                         | 26         | 28         | 30         | 2         | 0        | 0                        | 3                 | 3                 | 0                            | 30                       |
| Tokai             | 61                         | 65         | 72         | 62         | 1         | 0        | 0                        | 7                 | 4                 | +1                           | 66                       |
| Mountain          | 33                         | 44         | 48         | 49         | 2         | 0        | 0                        | 3                 | 2                 | -1                           | 49                       |
| Constantia 1 & 2  | 60                         | 63         | 70         | 77         | 3         | 2        | 0                        | 12                | 6                 | -1                           | 82                       |
| <b>SUB TOTAL</b>  | <b>179</b>                 | <b>198</b> | <b>218</b> | <b>218</b> | <b>8</b>  | <b>2</b> | <b>0</b>                 | <b>25</b>         | <b>15</b>         | <b>-1</b>                    | <b>227</b>               |
| <b>TOTAL</b>      | <b>354</b>                 | <b>355</b> | <b>380</b> | <b>390</b> | <b>9</b>  | <b>5</b> | <b>0</b>                 | <b>41</b>         | <b>23</b>         | <b>0</b>                     | <b>408</b>               |

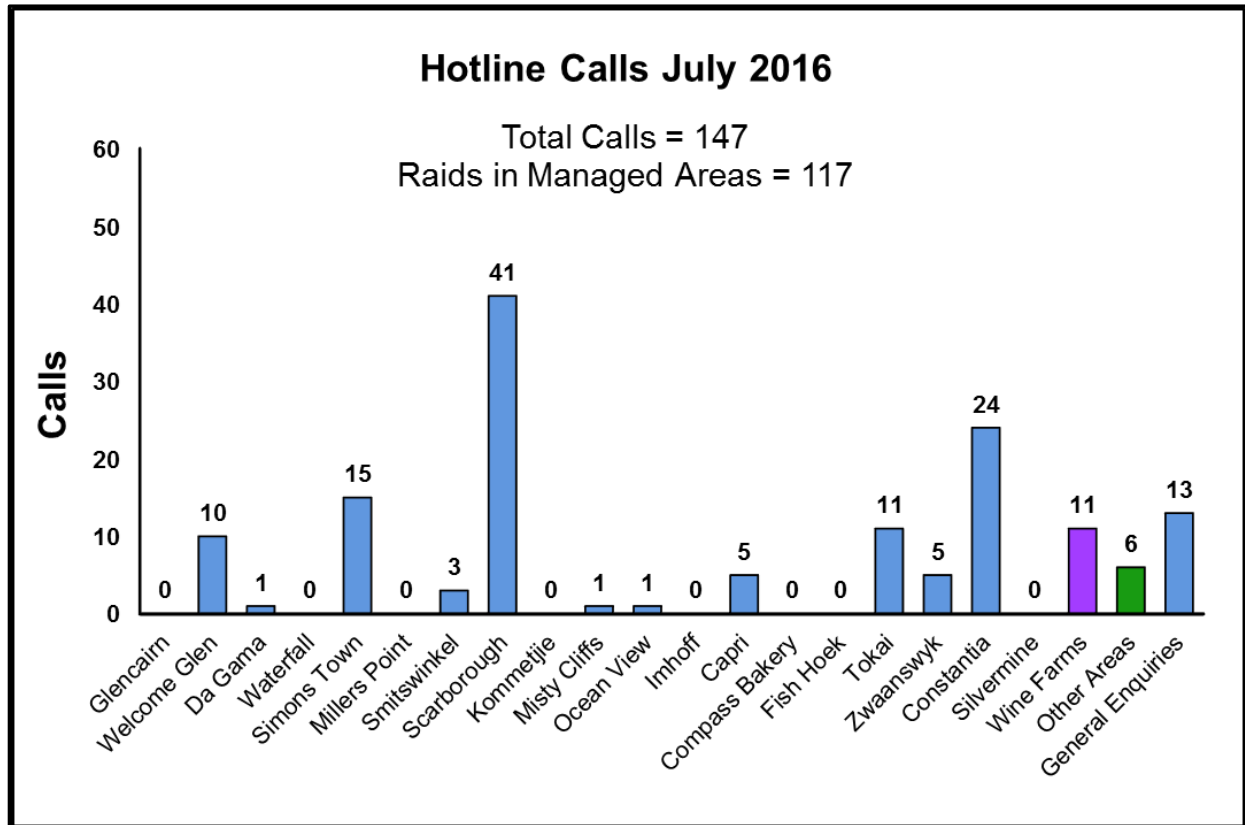
**Table 1:** Population data for the eleven managed troops on the Cape Peninsula (July 2016).

| Deaths              | 2012*     | 2013      | 2014      | 2015      | July 2016 | 2016 to Date | TOTAL      |
|---------------------|-----------|-----------|-----------|-----------|-----------|--------------|------------|
| Management          | 17        | 16        | 8         | 7         | 2         | 3            | 51         |
| Human Induced (HID) | 8         | 7         | 10        | 24        | 0         | 6            | 55         |
| Direct **           | 8         | 6         | 6         | 8         | 0         | 3            | 31         |
| Indirect ***        | 0         | 1         | 4         | 16        | 0         | 3            | 24         |
| Natural             | 7         | 30        | 19        | 20        | 3         | 9            | 85         |
| Unknown             | 1         | 3         | 0         | 4         | 0         | 5            | 13         |
| <b>TOTAL</b>        | <b>33</b> | <b>56</b> | <b>37</b> | <b>55</b> | <b>5</b>  | <b>23</b>    | <b>204</b> |

**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 and human related fires.

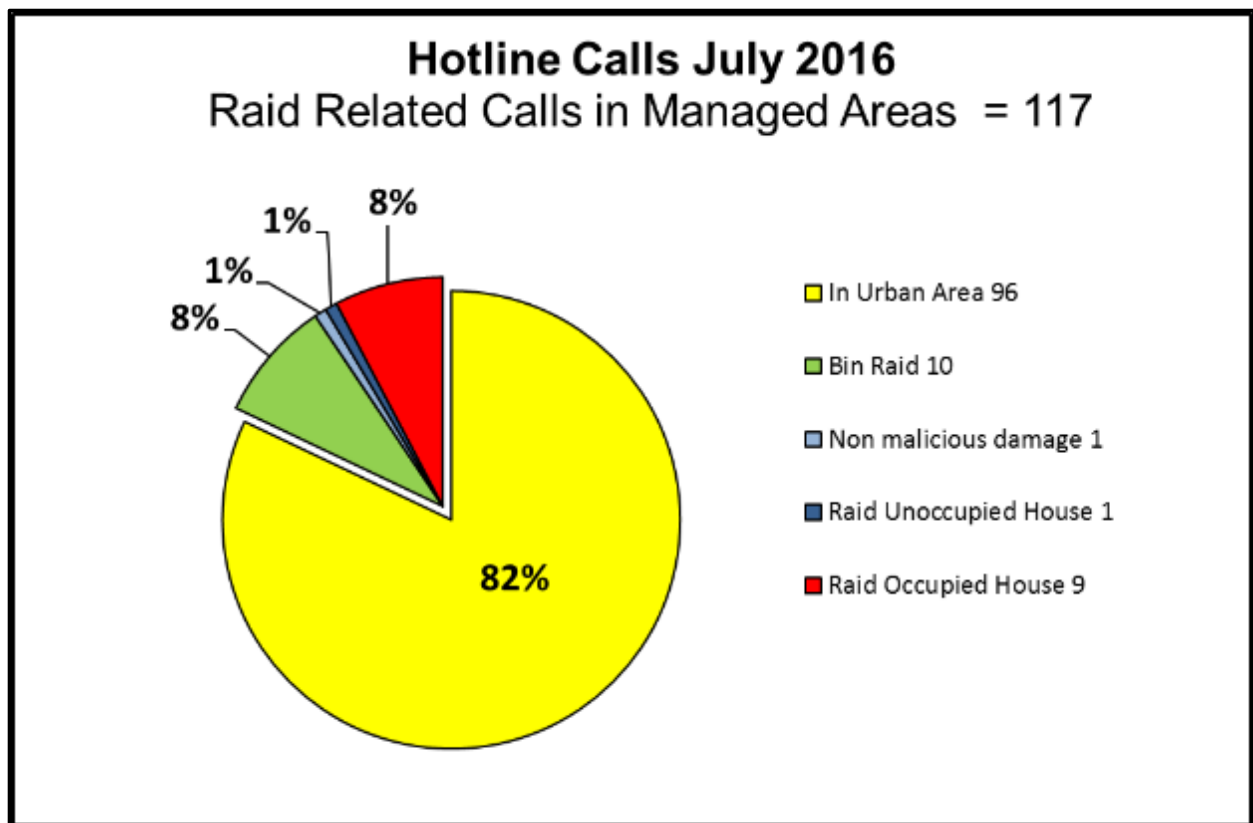
### Hotline Data

The distribution and number of hotline calls this month were very similar to last month, with the exception of the high number of calls made from Scarborough. The increase in hotline calls from Scarborough can be directly related to immigration of the adult male SK3 from the Da Gama Troop into the Misty Cliffs Troop. For the first few days after his arrival this male spent a great deal of time chasing the juveniles in the troop and trying to kill them. As a result, the females and juveniles sought refuge from SK3 and often ran into Scarborough for protection.



**Figure 18:** Hotline calls summary per urban area for July 2016.

The area with the second highest number of hotline calls was Constantia. Most of these calls were in response to individual males raiding in the Price Drive area. There are approximately 13 adult males in the two Constantia Troops, and often they go raiding alone or in pairs. It is therefore not possible to manage the two Constantia Troops as well as all the males without some males breaking the line and getting through to town. Overall it is still pleasing to note that 82% of all hotline calls were simply reporting baboons in town and only 18% were actually reporting house or bin raids.

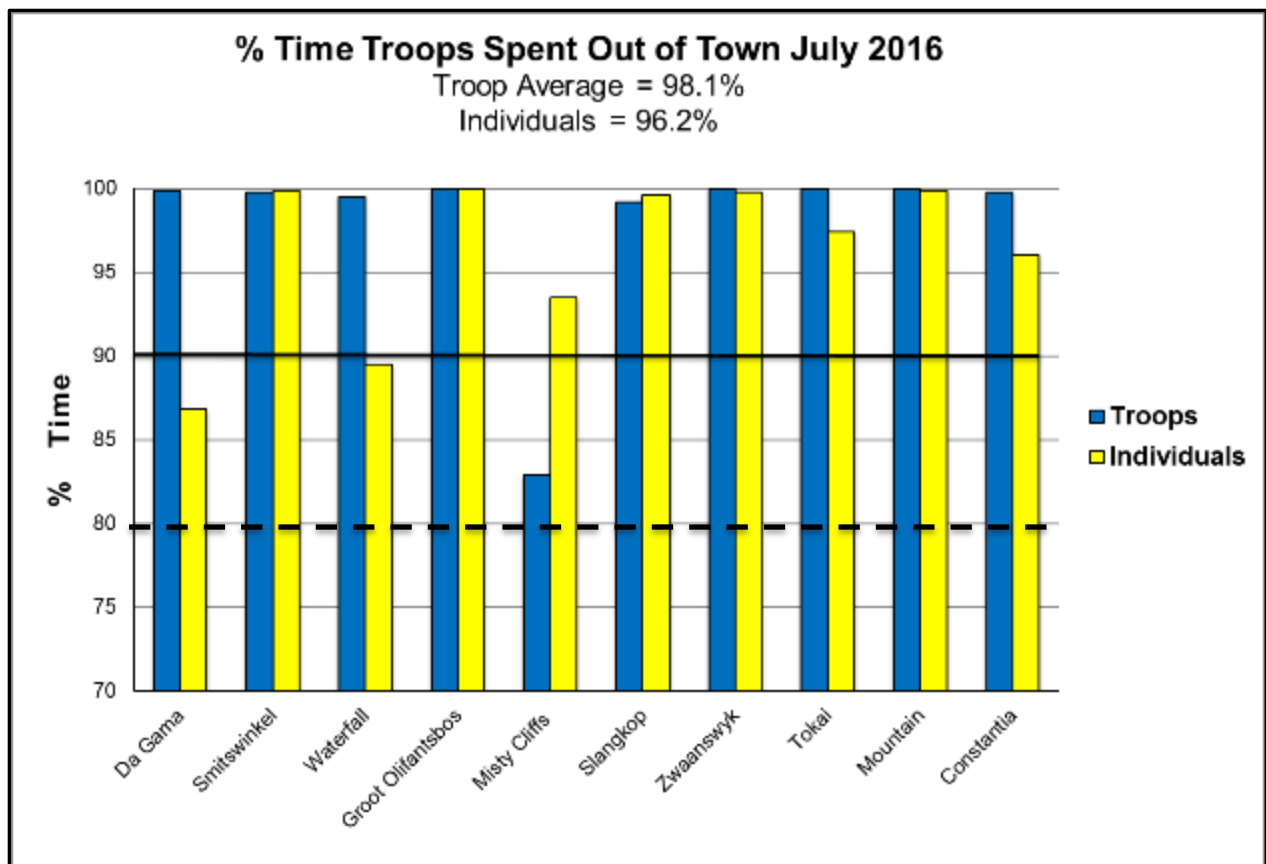


**Figure 19:** Composition of raid-related hotline calls during July 2016.

#### Percentage Time Out of Town

Although the average percentage time the baboon troops spent out of town this month was only 98.1% it is pertinent to note that the major reason for this drop in time out of town, was because of the Misty Cliffs Troop. This troop spent 17% of its time in town, and this can be attributed largely to the arrival of SK3 in the troop and his trying to kill the small juveniles. All the other troops averaged 99.82% of their time out of town.

In both the Da Gama and the Waterfall Troops the relatively high incidence of individuals in town can be ascribed to a few individuals or small raiding parties going into town. They were attracted by poor waste management (particularly at the naval barracks or flats), bins not being baboon-proofed, and numerous fruiting trees, particularly guavas.



**Figure 20:** Percentage time troops spent out of town (July 2016). The solid line indicates the City of Cape Town's 2014 contract requirement and the broken line indicates the 2012 contract requirement.

### Conclusion

The data this month strongly reflect the mid-winter season, with the baboon troops spending more time than usual in town (1.9%) and the most raid related hotline calls per month (117 calls from managed areas). Despite this fairly typical pattern, it is pleasing to note that with the exception of the Misty Cliffs Troop, the remaining troops spent 99.8% of their time out of town.

Most of the hotline calls this month, apart from for the Misty Cliffs Troop, were therefore in relation to a few raiding males or social upheaval in the troop. Thus SK3, an immigrant male, spent a great deal of time chasing the Misty Cliffs Troop around trying to kill the smaller juveniles, and in the end killing three. Similarly, GOB7 left his GOB Troop and started chasing the females in the Waterfall Troop and fighting with the resident males. This upheaval sparked the movement of the Waterfall Troop back to Simon's Town, where it has remained. Such intertroop migrations of deposed males have not been witnessed by HWS before, and have therefore provided new insights into our management of baboons.

Dr Phil Richardson

**Human Wildlife Solutions**