

Table Bay Nature Reserve - Milnerton Racecourse Section
MONTHLY EMS REPORT

MR EMS
 Conservation

REPORT No.: 58

PERIOD: June 2012

DATE: 29 June 2012

CONTRACTS MANAGEMENT

1

- ✘ 11th June - Bench installed (Time Out Creations)
- ✘ 27th June - Alien clearing & litter cleanup (ECM)

INVASIVE VEGETATION MANAGEMENT

2

- ✘ Follow-up clearing of woody alien species was undertaken on the 27th June.
- ✘ Sourcing and costing for kikuyu barrier material to be undertaken in July. Barrier to be installed during summer to avoid working when the water table is high.

FIRE MANAGEMENT

3

- ✘ On the 4th & 27th June burn block 3 regrowth was monitored. (See 7. Biological Monitoring, Vegetation).
- ✘ The invoice for burn damages to a Stable Yard resident's garden has been settled by CCT.

REHABILITATION

4

- ✘ Transplanted *Disphyma crassifolium* are growing well at the entrance to the northern area.

INFRASTRUCTURE MANAGEMENT

5

- ✘ **Stormwater outlets:** All outlets are clear of vegetation and open.
- ✘ **Signage & Fences:** Foot sign will not be replaced.
- ✘ **Benches:** Two new sleeper benches were installed on 11th June. Underground supports were used to avoid using concrete.
- ✘ **Path maintenance:** Path maintenance to be undertaken during July.
- ✘ **General:** Removal of graffiti on Stable Yard wall is outstanding.



FAUNA MANAGEMENT & OBSERVATIONS

6

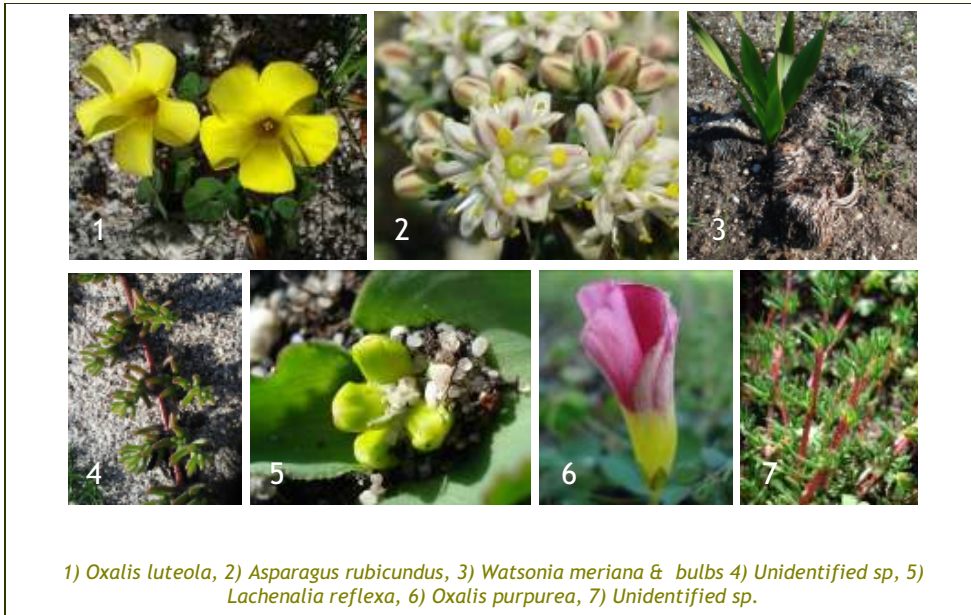
- ✘ During June the monthly avifauna count was undertaken by Helm van Zijl in the northern and southern areas. The northern count was undertaken during the Cape Bird Club visit. Sightings for May have been uploaded onto the CCT Biodiversity Database.
- ✘ The reserves fauna species lists were cross-referenced with the Biodiversity database and updated.
- ✘ No biological surveys undertaken during June.

Vegetation:

- ✘ Some species observed during this month in the southern area.



- ✘ Burn Block 3 regenerating species.



- ✘ MRNR flora species list is being updated. Cross referencing with the biodiversity database is underway.
- ✘ Quarterly fixed point photography of vegetation on 26 June 2012.



Water:

- ✕ Monthly fixed point photography of the wetlands.

22 May

26/27 June



Mnth	Wetland 1 - Southern Area (cm)						Wetland 2 - Northern Area (cm)						Rainfall Data (mm)					
	2007	2008	2009	2010	2011	2012	2007	2008	2009	2010	2011	2012	2007	2008	2009	2010	2011	2012
Jan		114	76	67	18	0		31	34	47.5	29	10	0	3	3	2.5	13	5.75
Feb		61	46	44.2	0.5	0		1	12	29	1.5	0	28	12	8	5	5.5	2.5
Mar		53	28	25	0	0		0	0	13	0	0	20	7	0	8.5	5.5	18
Apr		35	18	13	0	0		0	5	3	0	9	65	18	44	7	30	78
May		22	37	35.6	0	0		1	33	46.6	4	31.6	61.5	54	166	121	47	61
Jun		59	69	70	14	26		51	62	71.8	43	61	111	107	81	100.5	55	81.5
Jul	123	153	143	35.6	61		82	94	102	46.6	50.2		106	175	96.5	62	70	
Aug	150+	155	145	123.6	57		101	95.5	107	105	75.5		102	87	80	60.5	101	
Sep	150+	187	161.5	112.5	71		97	101.5	150+	93	75		18	160	67	14.5	42	
Oct	150+	160.5	143.5	95.5	59.5		83	91.5	150+	84	67.2		20	15	45.5	30.5	20	
Nov	150+	139.5	138	75.5	48		68	77	92	71	61		34	60.5	82	36.5	31	
Dec	135	108	91	46.75	24		52	58.5	69	45	43.5		24	5	9	10.5	32.5	

- ✕ Rain gauge data supplied by Niel van Wyk records 81.5mm for 1st - 27th June.

ENVIRONMENTAL EDUCATION AND OUTREACH

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- ✕ HvZ guided a walk with the Cape Bird Club on the 12th June in the northern area.
- ✕ July school holiday programme is currently being finalised. At present 30 children and parents are expected for the Wetland Adventure on the 3rd July and 25 for the Little Five on the 4th July.
- ✕ Milnerton Racecourse maps need to be updated. CCT to assist.

GENERAL INFORMATION / OBSERVATIONS / MEETINGS

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- ✘ SG conducted environmental induction with MRJ Contractors on the 11th June. Site visits were undertaken on the 14th, 15th, 18th & 21st June. Works on the palisade fence upgrading were completed on the 19th June.
- ✘ ECM attended the iSpot launch at Kenilworth Racecourse Conservation Area on the 14th June. This database will assist with the identification of unknown flora and fauna species.
- ✘ 2012/13 APO workshop occurred on the 8th June. The APO covers the period from 1 June 2012 to 31 July 2013. The workshop also constituted a review of the previous year's management.

Special projects to be undertaken in the following year include: (Items marked with * have been carried over from the previous year)

- Plan and design a bird hide with educational signage in the Northern Area.
- Investigate feasibility of enlisting student assistance for invertebrate, fish & mammal surveys.
- Investigate possibility of having road signage to the Reserve erected.
- Update maps of the reserve incorporating existing collected data.
- Enlist assistance of Bodies Corporates to entrench no cat policy.
- Grysbok reintroduction* to be followed up. The introduction of one female as soon as possible with additional animals being sought following another census.
- Completion of the kikuyu barrier*.

ITEMS TO BE ADDRESSED IN THE UPCOMING MONTHS

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Regular monthly / bi-monthly tasks			
✘ Path maintenance & ad hoc alien clearing / litter cleanups		✓	Ongoing
✘ Vegetation & water level monitoring / bird counts			
✘ MRNR EMS update		½	Ongoing
✘ Update flora species list			Ongoing
✘ Path maintenance		✓	May
✘ Bird Club walk		✓	12 June
✘ Kikuyu barrier maintenance		✘	June
✘ Replace benches		✓	June
✘ Compile APO July 2012- June 2013		✓	June
✘ School Holiday EE programmes		½	3-4 July
✘ Kikuyu barrier quote			July
✘ Gold Circle environmental awareness			July
✘ Compose letter to Bodies Corporates urging enforcement of their no pet policies			July
✘ Spray kikuyu			Nov - Dec
✘ Grysbok introduction			2012