

Table Bay Nature Reserve - Milnerton Racecourse Section

MONTHLY EMS REPORT

MR  EMS
Conservation

REPORT No.: 63

PERIOD: November 2012

DATE: 30 November 2012

FIELD WORK

1

- ✘ 1st, 7th & 15th Nov - Hand pulling of weeds
- ✘ 21th Nov- BB3 monitoring
- ✘ 21st Nov - Alien clearing
- ✘ 21st Nov - Path maintenance

INVASIVE VEGETATION MANAGEMENT

2

- ✘ Port Jackson seedlings were hand pulled on the 21st Nov in the northern area (BB3).
- ✘ Sourcing and costing for kikuyu barrier material is being undertaken by KR.
- ✘ Handpulling of weeds was undertaken on the 1st, 7th & 15th Nov. Weeding of the northern and southern areas is now complete.



FIRE MANAGEMENT

3

- ✘ On the 21th Nov Burn Block 3 regrowth was monitored. (See 7. Biological Monitoring, Vegetation).
- ✘ Data capturing and species identification of Burn block 3 transect monitoring underway.

REHABILITATION

4

- ✘ No rehabilitation undertaken during Nov.

INFRASTRUCTURE MANAGEMENT

5

- ✘ **Stormwater outlets:** All outlets are open.
- ✘ **Signage & Fences:** No issues noted.
- ✘ **Path maintenance:** Path maintenance undertaken from the stile to the boardwalk on the 21st Nov.
- ✘ **General:** Litter cleanup was undertaken on 15th & 21st Nov.

FAUNA MANAGEMENT & OBSERVATIONS

6

- ✘ On the 1st Nov a Gold Circle employee gave SG a Yellow-billed Duck duckling found at the stables. It is presently with the non-seabird contact of SANCCOB, united with ducklings its similar age and will be released in its flock at the Heidelberg Nature Reserve once big enough.
- ✘ One male & one female Cape Gysbok will be introduced. Permit application in hand (KR).
- ✘ During Nov the monthly avifauna count was undertaken by Helm van Zijl in the northern and southern areas. A new sighting for the Southern Area was a Steppe Buzzard.



Blacksmith Lapwing juvenile



Yellow-billed Duck duckling



Citrus Swallowtail



Cape Dwarf Chameleon

Vegetation:

✂ Some species observed during this month.



1) *Aspalathus* sp , 2&3) *Phyllobolus canaliculatus*, 4) *Struthiola striata*, 5) Unidentified, 6) *Lobelia* CF *flaccida* ,7) *Ixia paniculata*, 8) *Cyanella hyacinthoides*, 9) Unidentified, 10) *Pelargonium auritum* var. *auritum*, 11) *Pelargonium triste*, 12) *Lachnaea grandiflora*

✂ Quarterly fixed point vegetation photography to be undertaken in December.

Water:

✂ Monthly fixed point photography of the wetlands.

		24 Nov 2011	27 Nov 2012
WETLAND 1			
DAM	24 Nov 2011		



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	96	82	94	102	46.6	50.2	91	106	175	96.5	62	70	111.5
Aug	150+	155	145	123.6	57	133	101	95.5	107	105	75.5	100	102	87	80	60.5	101	100
Sep	150+	187	161.5	112.5	71	127	97	101.5	150+	93	75	96.5	18	160	67	14.5	42	60
Oct	150+	160.5	143.5	95.5	59.5	117	83	91.5	150+	84	67.2	94.5	20	15	45.5	30.5	20	36
Nov	150+	139.5	138	75.5	48	86	68	77	92	71	61	73	34	60.5	82	36.5	31	15.5
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 15.5mm form the 1st - 29th Nov.

ENVIRONMENTAL EDUCATION AND OUTREACH

8

- ✘ Compiling of the Annual Newsletter is underway.
- ✘ Gold Circle Environmental talk and guided walk will be undertaken on the 4th Dec with the Gold Circle personal.
- ✘ Two groups from The Cape Jewish Senior Association will be taken on a guided walk through the northern area on the 12th & 13th March 2013.

GENERAL INFORMATION / OBSERVATIONS / MEETINGS

9

- ✘ Updating of the EMS by Maya Beukes is underway. SG and MB had a meeting on 27th Nov to discuss the EMS layout and contents.

ITEMS TO BE ADDRESSED IN THE UPCOMING MONTHS

10

Regular monthly / bi-monthly tasks		
✘ Path maintenance & ad hoc alien clearing / litter cleanups	✓	Ongoing
✘ Vegetation & water level monitoring / bird counts		
✘ MRNR EMS update	½	Nov/Dec
✘ Update flora species list		Ongoing
✘ Hand pulling of weeds in the southern area	✓	Oct/Nov
✘ Annual newsletter	½	Nov-Jan
✘ Spray kikuyu		Nov - Dec
✘ Gold Circle talk & guided walk		4 Dec
✘ Kikuyu barrier quote		2012
✘ Grysbok introduction		2012
✘ Road signage		2012/13
✘ Update maps		2012/13
✘ Bird hide structural planning		2012/13