

Appendix 5: Wetland Vegetation Survey - Field Dataform

Wetland Vegetation Survey - Field Dataform							
Releve number:	2	Date:	2/2/2017	Area / Study	Thaba-Tseka		
Surveyor(s):	PC, ES	Latitude:	29° 30' 43.5" S	Wetland name:	Thaba-Tseka		
Plot size:	3x3	Longitude:	28° 31' 30.3" E	Slope	2.1830°		
		Altitude (m):	2498	Aspect	North-facing (30.0°)		
Vegetation structure:							
Layer: 1	Cover:	95%	Av. Height: 5 cm	Dominants:	Growth form		
				<i>Trifolium burchellianum</i>	Small forbs		
				<i>Cotula paludosa</i>			
Total cover:	95%						
Wetland and habitat description:							
HGM Unit: Valley head seepage with channel	Hydroperiod:	Permanent	Water velocity:				
Landscape setting:	Inundation depth:	Soil surface (0 cm)	Salinity:				
Urban/Rural/Pristine: Pristine	Groundwater table:	0 cm	Water source: Seepage				
Disturbance: Grazing and trampling	pH:		Geology: Basalt				
	Conductivity:						
Soil description:							
Texture of top soil: Peat	Mottling present:	No	Soil sample taken:				
Colour of top soil: Black	Soil depth:	>1m	yes/no	No			
Soil form: Champaigne	Deep layer:	sand loam at 60 cm					
Braun-Blanquet cover-abundance scale							
r = 1-2 ox, + = 3-10 ox, 1 = 11-100 ox, 2m => 100 ox, <5%, 2a = 5 - 12.5%, 2b = 12.5 - 25%, 3 = 25 - 50%, 4 = 50 - 75%, 5 = 75 - 100%							
Vegetation sample:							
Species	Layer	Cover	Coll. Number	Species	Layer	Cover	Coll. Number
<i>Chrysocoma ciliata</i>		+	(dead)				
<i>Cotula paludosa</i>		3					4
<i>Festuca caprina</i>		+					10
<i>Gnaphalium sp</i>		r					
<i>Haplocarpha nervosa</i>		+					
<i>Isolepis angelica</i>		1					
<i>Juncus inflexus</i>		r					11
<i>Kyllinga pulchella</i>		2a					
<i>Limosella grandiflora</i>		+					
<i>Limosella major</i>		2a					
<i>Lobelia galpinii</i>		2a					
<i>Moss sp</i>		1					
<i>Pennisetum sphacelatum</i>		2a					9
<i>Poa binata</i>		1					8
<i>Ranunculus meyeri</i>		1					
<i>Ranunculus multifidus</i>		1					
<i>Rumex lanceolatus</i>		1					
<i>Senecio polyodon</i>		+					
<i>Trifolium burchellianum</i>		4					
				Total number of species:	19		
Notes:							
A road cuts across the wetland							

Note: This is Online Appendix 5 of Chatanga, P., Sieben, E.J.J., 2019, 'Ecology of palustrine wetlands in Lesotho: Vegetation classification, description and environmental factors', *Koedoe* 61(1), a1574. <https://doi.org/10.4102/koedoe.v61i1.1574>