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## APPENDICES

**APPENDIX 1.** Average length and weight of leaves and roots of *Zea mays* grown in pots with quartzite control soils or ultramafic soil samples.

**APPENDIX 2.** Heavy metal and mineral concentrations of the rocks of the Sekhukhuneland Centre of Plant Endemism.

**APPENDIX 3.** Heavy metal and mineral concentrations of soil samples along a catena in the Sekhukhuneland Centre of Plant Endemism.

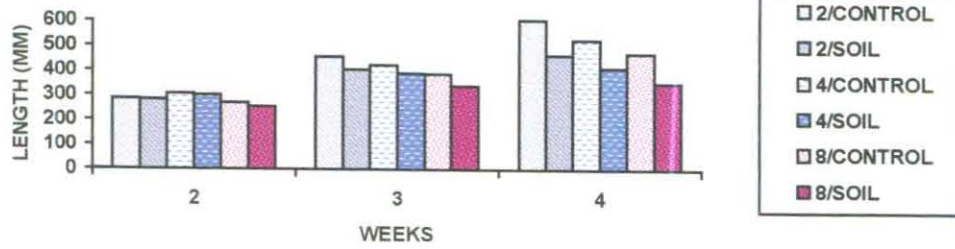
**APPENDIX 4.** Heavy metal and mineral concentrations of plant material collected along a catena in the Sekhukhuneland Centre of Plant Endemism.

**APPENDIX 5.** Checklist of the plant species/infraspecific taxa occurring in the Sekhukhuneland Centre of Plant Endemism.

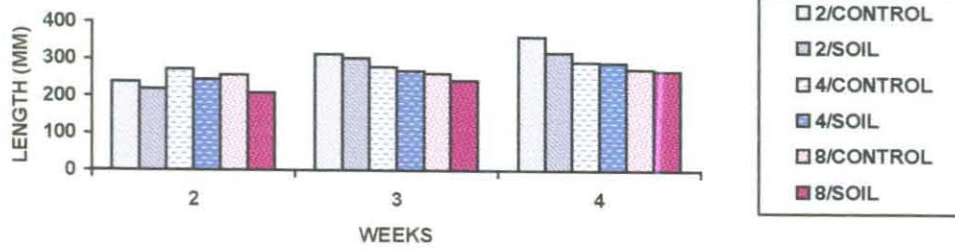
**Appendix 1** Average length and weight of leaves and roots of *Zea mays* grown in pots with quartzite control soils or ultramafic soil samples.

Plants/container	Quartzite control soil			Chromium-rich soil		
	2	4	8	2	4	8
<b>Week 2</b>						
Average leaf length (mm)	286	304	270	283	300	254
Average root length (mm)	238	271	256	220	245	208
Average leaf dry mass (mg)	174	189	158	160	188	152
Average root dry mass (mg)	79	137	98	77	91	69
<b>Week 3</b>						
Average leaf length (mm)	457	426	388	405	390	339
Average root length (mm)	314	280	261	303	268	243
Average leaf dry mass (mg)	629	452	362	615	429	319
Average root dry mass (mg)	459	366	273	407	257	241
<b>Week 4</b>						
Average leaf length (mm)	608	527	472	466	415	352
Average root length (mm)	361	294	274	319	292	268
Average leaf dry mass (mg)	1033	698	598	932	560	363
Average root dry mass (mg)	598	413	342	513	359	313

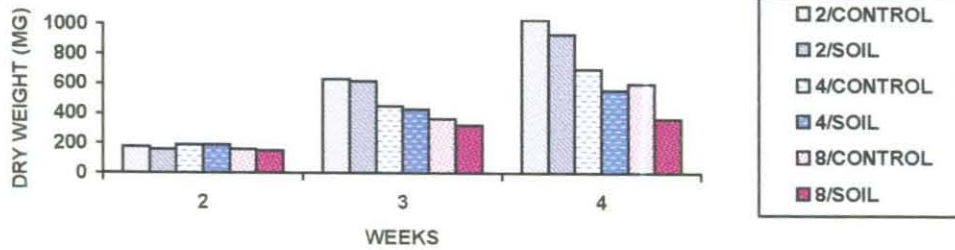
Average length of leaves [n=5]



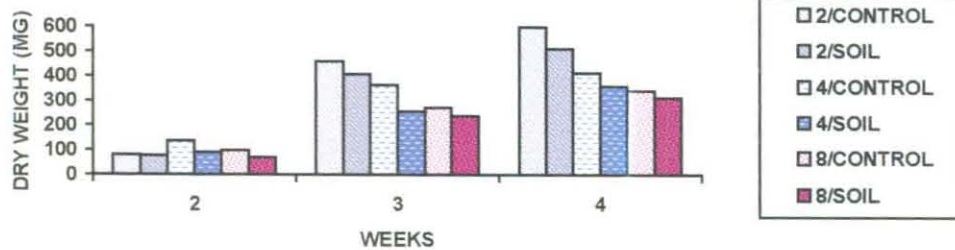
Average length of roots [n=5]



Average weight of leaves [n=5]

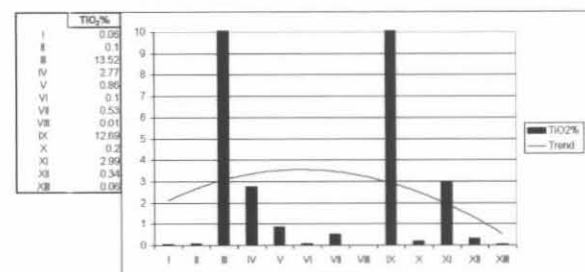
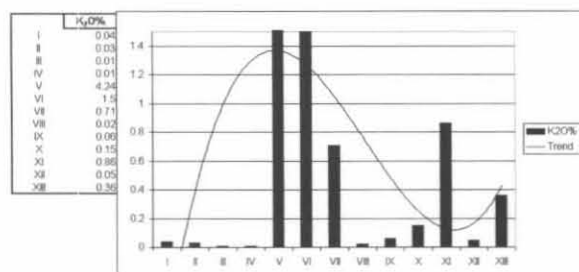
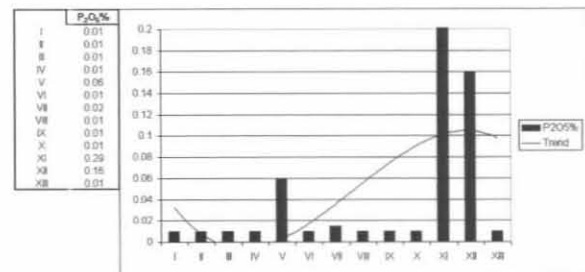
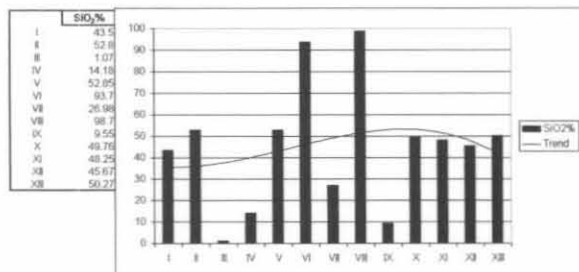
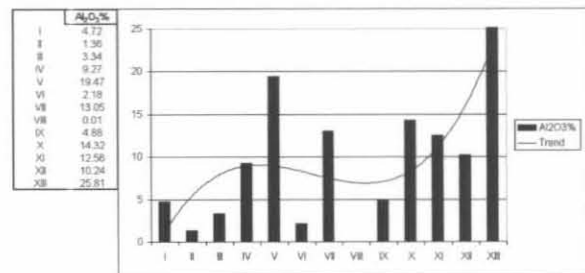
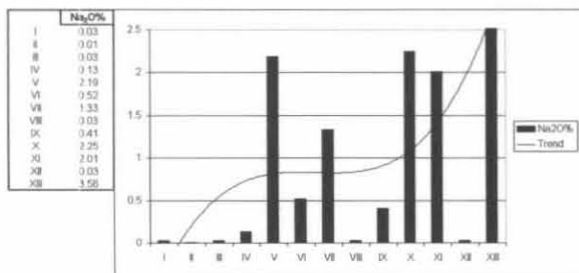
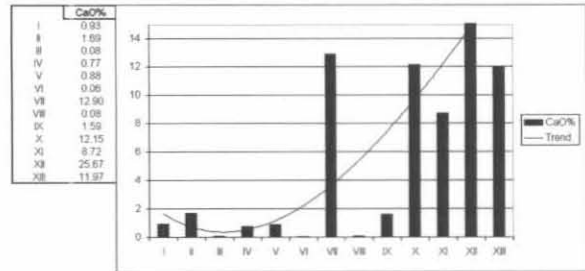
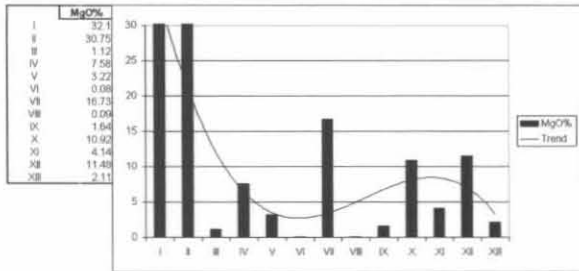


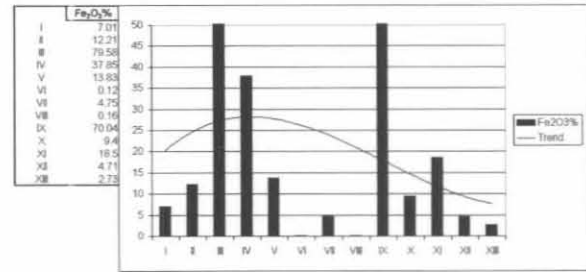
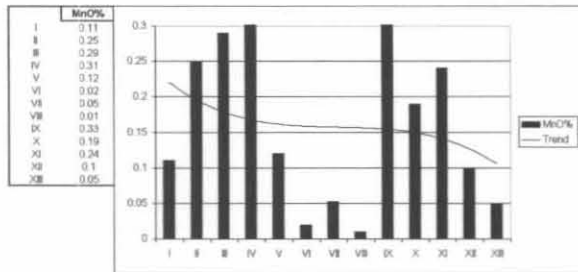
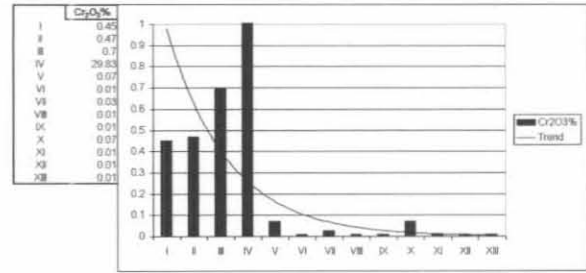
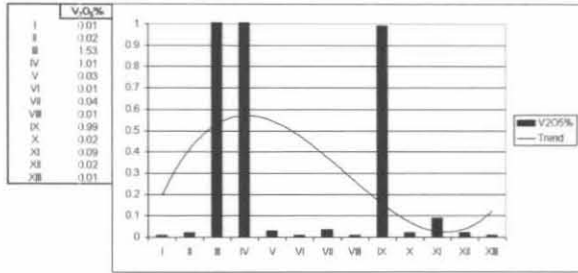
Average weight of roots [n=5]



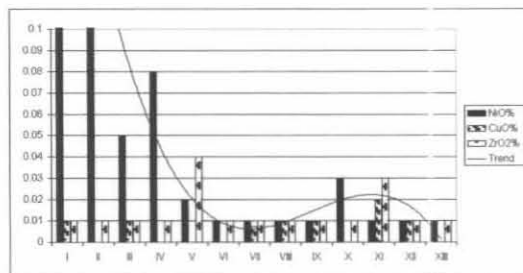
**Appendix 2** Heavy metal and mineral concentrations of the rocks of the Sekhukhuneland Centre of Plant Endemism (I to XIII is a serpentine gradient based on the Mg:Ca Ratio of the different rocks (see Figure 23)).

**PERCENTAGE ANALYSIS**



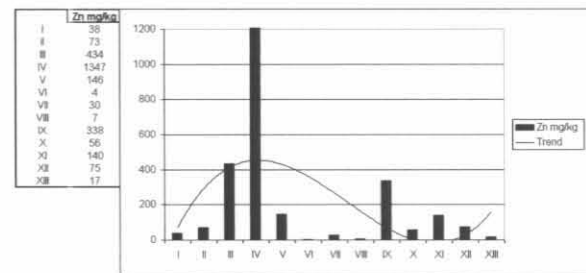
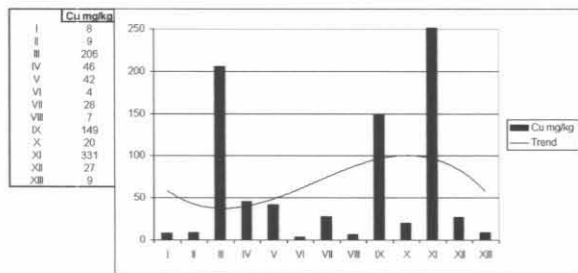
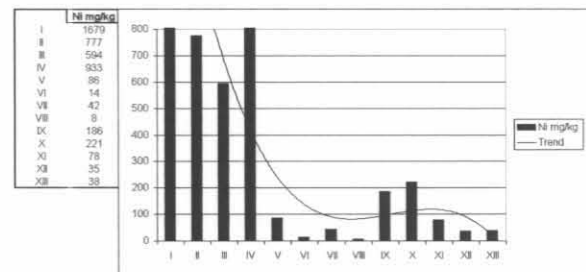
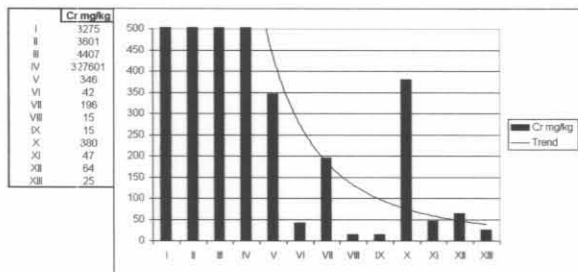
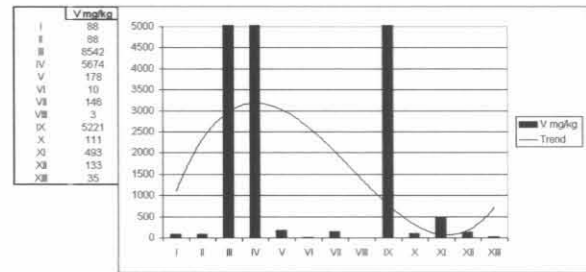
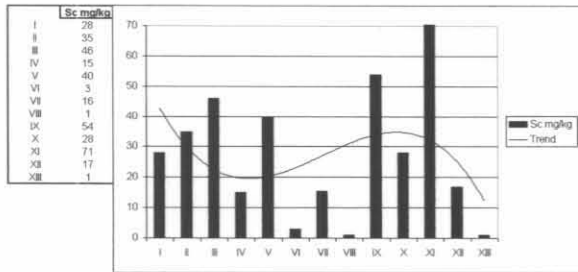
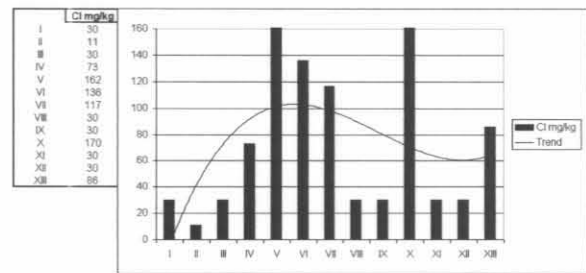
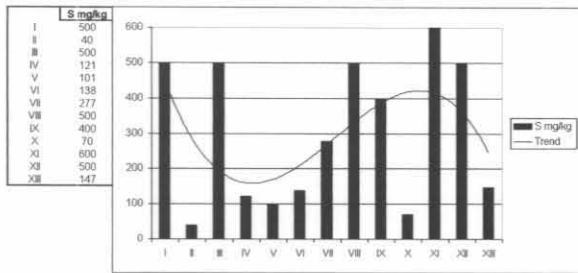


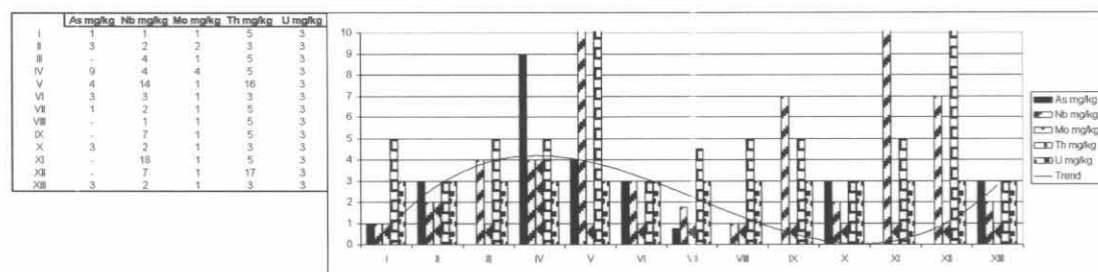
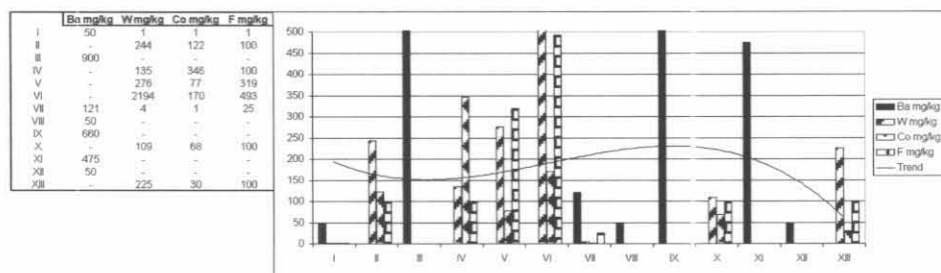
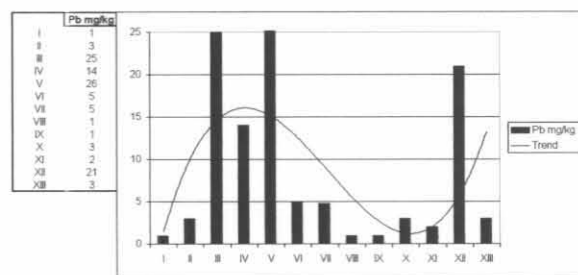
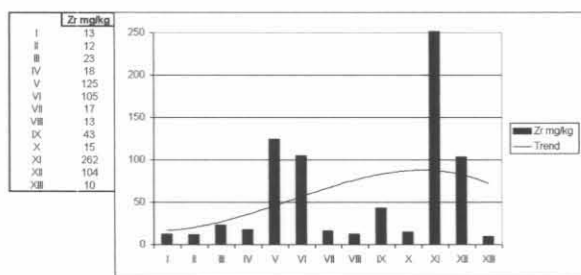
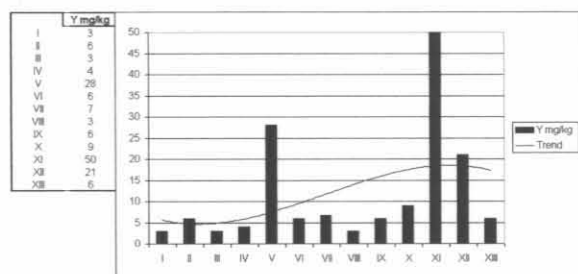
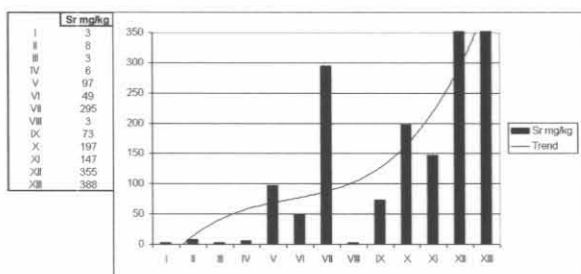
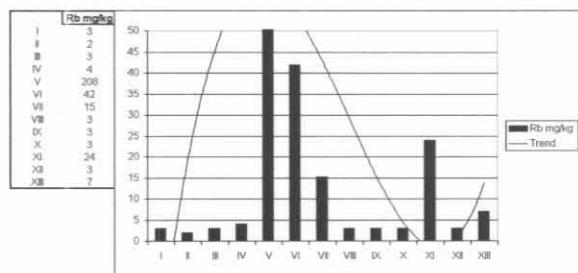
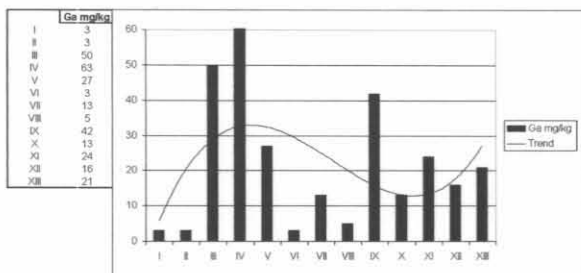
	NiO%	CuO%	ZrO <sub>2</sub> %
I	0.24	0.01	0.01
II	0.12	-	0.01
III	0.05	0.01	0.01
IV	0.08	-	0.01
V	0.02	-	0.04
VI	0.01	-	0.01
VII	0.01	0.01	0.01
VIII	0.01	0.01	0.01
IX	0.01	0.01	0.01
X	0.03	-	0.01
XI	0.01	0.02	0.03
XII	0.01	0.01	0.01
XIII	0.01	-	0.01





MG/KG ANALYSIS





**Appendix 2** Heavy metal and mineral concentrations of the rocks of the Sekhukhuneland Centre of Plant Endemism (I to XIII is a serpentine gradient based on the Mg:Ca Ratio of the different rocks (see Figure 23)).

Rock Samples [n=1]		Mg:Ca	MgO%	CaO%	Na2O%	Al2O3	SiO2%	P2O5%	K2O%	TiO2%	V2O5%	Cr2O3	MnO%	Fe2O3	NiO%	CuO%	ZrO2%	LOI	Total	**SN							
Groen Valley serpentinite	I	0.03	32.1	0.93	0.03	4.72	43.5	0.01	0.04	0.06	0.01	0.45	0.11	7.01	0.24	0.01	0.01	9.63	98.86	647							
Mashishi serpentized harzburgite	II	0.05	30.75	1.69	0.01	1.36	52.8	0.01	0.03	0.1	0.02	0.47	0.25	12.21	0.12	-	0.01	-0.61	99.22	634							
Mapoch Caves magnetite	III	0.07	1.12	0.08	0.03	3.34	1.07	0.01	0.01	13.52	1.53	0.7	0.29	79.58	0.05	0.01	0.01	-0.38	100.97	642							
Critical Zone chromate	IV	0.1	7.58	0.77	0.13	9.27	14.18	0.01	0.01	2.77	1.01	29.83	0.31	37.85	0.08	-	0.01	-2.73	101.08	637							
Getlane shale	V	0.27	3.22	0.88	2.19	19.47	52.85	0.06	4.24	0.86	0.03	0.07	0.12	13.83	0.02	-	0.04	1.13	99.01	635							
Burgersfort pyroxenite	VI	0.75	0.08	0.06	0.52	2.18	93.7	0.01	1.5	0.1	0.01	0.01	0.02	0.12	0.01	-	0.01	0.42	98.75	633							
Steelpoort valley concretions	VII	0.77	16.73	12.90	1.33	13.05	26.98	0.02	0.71	0.53	0.04	0.03	0.05	4.75	0.01	0.01	0.01	22.89	100.02	645							
Mapoch Caves quartzite sill	VIII	0.89	0.09	0.08	0.03	0.01	98.7	0.01	0.02	0.01	0.01	0.01	0.01	0.16	0.01	0.01	0.01	0.02	99.19	641							
Deo Gloria black sand	IX	0.97	1.64	1.59	0.41	4.88	9.55	0.01	0.06	12.69	0.99	0.01	0.33	70.04	0.01	0.01	0.01	-2.01	100.22	646							
Roossenekal norite	X	1.11	10.92	12.15	2.25	14.32	49.76	0.01	0.15	0.2	0.02	0.07	0.19	9.4	0.03	-	0.01	0.53	100.01	631							
Mapoch Caves diabase dyke	XI	2.11	4.14	8.72	2.01	12.56	48.25	0.29	0.86	2.99	0.09	0.01	0.24	18.5	0.01	0.02	0.03	0.95	99.67	640							
Olifantspoortjie pyroxenite	XII	2.24	11.48	25.67	0.03	10.24	45.67	0.16	0.05	0.34	0.02	0.01	0.1	4.71	0.01	0.01	0.01	1.06	99.57	648							
Leolo Mountain norite	XIII	5.67	2.11	11.97	3.56	25.81	50.27	0.01	0.36	0.06	0.01	0.01	0.05	2.73	0.01	-	0.01	1.16	98.13	632							
<i>Certified</i>	GSN/C	-	2.3	2.5	3.77	14.67	65.8	0.28	4.63	0.68	0.012	0.008	0.06	3.75	0.004	0.003	0.032	1.32	98.19	-							
<i>Control analysis</i>	GSN	-	2.24	2.53	3.8	14.59	66.04	0.31	4.75	0.67	0.01	0.01	0.05	3.8	0.01	0.01	0.035	1.31	100.17	-							
<b>Percentage analysis</b>																											
Groen Valley serpentinite	I		*100	100	100	100	100	100	100	100	100	100	100	100	100	100	100			647							
Mashishi serpentized harzburgite	II		96	182	33	29	121	100	75	167	200	104	227	174	50	-	100			634							
Mapoch Caves magnetite	III		3	9	100	71	2	100	25	22533	15300	156	264	1135	21	100	100			642							
Critical Zone chromate	IV		24	83	433	196	33	100	25	4617	10100	6629	282	540	33	-	100			637							
Getlane shale	V		10	95	7300	413	121	600	10600	1433	300	16	109	197	8	-	400			635							
Burgersfort pyroxenite	VI		0	6	1733	46	215	100	3750	167	100	2	18	2	4	-	100			633							
Steelpoort valley concretions	VII		52	1387	4442	277	62	150	1769	875	350	6	48	68	4	75	100			645							
Mapoch Caves quartzite sill	VIII		0	9	100	0	227	100	50	17	100	2	9	2	4	100	100			641							
Deo Gloria black sand	IX		5	171	1367	103	22	100	150	21150	9900	2	300	999	4	100	100			646							
Roossenekal norite	X		34	1306	7500	303	114	100	375	333	200	16	173	134	13	-	100			631							
Mapoch Caves diabase dyke	XI		13	938	6700	286	111	2900	2150	4983	900	2	218	264	4	200	300			640							
Olifantspoortjie pyroxenite	XII		36	2760	100	217	105	1600	125	567	200	2	91	67	4	100	100			648							
Leolo Mountain norite	XIII		7	1287	11867	547	116	100	900	100	100	2	45	39	4	-	100			632							
<b>Rock Samples [n=1]</b>																											
Groen Valley serpentinite	I		500	30	28	88	3275	1679	8	38	3	3	3	13	1	50	1	1	1	5	3	647					
Mashishi serpentized harzburgite	II		40	11	35	88	3601	777	9	73	3	2	8	6	12	3	-	244	122	100	3	2	2	3	3	634	
Mapoch Caves magnetite	III		500	30	46	8542	4407	594	206	434	50	3	3	23	25	900	-	-	-	-	4	1	5	3	642		
Critical Zone chromate	IV		121	73	15	5674	327601	933	46	1347	63	4	6	4	18	14	-	135	346	100	9	4	4	5	3	637	
Getlane shale	V		101	162	40	178	346	86	42	146	27	208	97	28	125	26	-	276	77	319	4	14	1	16	3	635	
Burgersfort pyroxenite	VI		138	136	3	10	42	14	4	4	3	42	49	6	105	5	-	2194	170	493	3	3	1	3	3	633	
Steelpoort valley concretions	VII		277	117	16	146	196	42	28	30	13	15	295	7	17	5	121	4	1	25	1	2	1	5	3	645	
Mapoch Caves quartzite sill	VIII		500	30	1	3	15	8	7	7	5	3	3	13	1	50	-	-	-	-	-	1	1	5	3	641	
Deo Gloria black sand	IX		400	30	54	5221	15	186	149	338	42	3	73	6	43	1	660	-	-	-	-	7	1	5	3	646	
Roossenekal norite	X		70	170	28	111	380	221	20	56	13	3	197	9	15	3	-	109	68	100	3	2	1	3	3	631	
Mapoch Caves diabase dyke	XI		600	30	71	493	47	78	331	140	24	24	147	50	262	2	475	-	-	-	-	18	1	5	3	640	
Olifantspoortjie pyroxenite	XII		500	30	17	133	64	35	27	75	16	3	355	21	104	21	50	-	-	-	-	7	1	17	3	648	
Leolo Mountain norite	XIII		147	86	1	35	25	38	9	17	21	7	388	6	10	3	-	225	30	100	3	2	1	3	3	632	
<i>Certified</i>	GSN/C		140	450	7	65	55	34	20	48	22	185	570	19	235	53	1400	490	65	1050	1.6	21	1.2	42	8	-	
<i>Control analysis</i>	GSN		115	256	11	65	52	34	23	51	21	184	571	22	226	52	1046	487	68	1448	3	26	1.5	41	8	-	
<b>Percentage analysis</b>																											
Groen Valley serpentinite	I		*100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	647
Mashishi serpentized harzburgite	II		8	37	125	100	110	46	113	192	100	67	267	200	92	300	-	24400	12200	10000	300	200	200	60	100	634	
Mapoch Caves magnetite	III		100	100	164	9707	135	35	2575	1142	1667	100	100	100	177	2500	1800	-	-	-	400	100	100	100	100	642	
Critical Zone chromate	IV		24	243	54	6448	10003	56	575	3545	2100	133	200	133	138	1400	-	13500	34600	10000	900	400	400	100	100	637	
Getlane shale	V		20	540	143	202	11	5	525	384	900	6933	3233	933	962	2600	-	27600	7700	31900	400	1400	100	320	100	635	
Burgersfort pyroxenite	VI		28	453	11	11	1	1	50	11	100	1400	1633	200	808	500	-	219400	17000	49300	300	300	100	60	100	633	
Steelpoort valley concretions	VII		55	388	55	166	6	3	350	78	433	508	9825	225	129	475	242	375	75	2500	75	175	100	90	100	645	
Mapoch Caves quartzite sill	VIII		100	100	4	3	0	0	88	18	167	100	100	100	100	100	-	-	-	-	-	100	100	100	100	641	
Deo Gloria black sand	IX		80	100	193	5933	0	11	1863	889	1400	100	2433	200	331	100	1320	-	-	-	-	700	100	100	100	646	
Roossenekal norite	X		14	567	100	126	12	13	250	147	433	100	6567	300	115	300	-	10900	6800	10000	300	200	100	60	100	631	
Mapoch Caves diabase dyke	XI		120	100	254	560	1	5	4138	368	800	800	4900	1667	2015	200	950	-	-	-	-	1800	100	100	100	640	
Olifantspoortjie pyroxenite	XII		100	100	61	151	2	2	338	197	533	100	11833	700	800	2100	100	-	-	-	-	700	100	340	100	648	
Leolo Mountain norite	XIII		29	287	4	40	1	2	113	45	700	233	12933	200	77	300	-	22500	3000	10000	300	200	100	60	100	632	

\*Formula used in percentage calculations: % = (i x 100 / I); = (II x 100 / I); = (III x 100 / I); etc.

\*\*Sample number



**Appendix 3** Heavy metal and mineral concentrations of soils sampled along a catena in the Sekhukhuneland Centre of Plant Endemism.

Soil Samples [n=5]		Mg:Ca	MgO%	CaO%	Na2O%	SiO2%	P2O5%	K2O%	Al2O3	TiO2%	V2O5%	Cr2O3	MnO%	Fe2O3	NiO%	LOI	Total	pH	*SN
Valley	A**	0.58	13.79	7.98	1.44	48.05	0.03	0.31	11.24	0.46	0.04	0.3	0.23	11.51	0.03	4.25	99.66	6.59	659
Magnetite outcrop	B	0.49	13.21	6.43	0.41	39.17	0.03	0.27	7.79	1.45	0.13	3.4	0.25	18.83	0.04	8.5	99.91	6.69	657
Eroded area	C	0.23	19.27	4.36	0.26	50.61	0.01	0.27	6.48	0.27	0.02	0.33	0.28	10.94	0.07	5.3	98.46	7.05	928
Eroded area edge edge	D	0.24	19.38	4.66	0.31	48.45	0.01	0.26	5.31	0.27	0.02	0.41	0.21	10.93	0.07	8.22	98.5	7.09	931
Lower footslope of hill	E	0.96	7.44	7.13	1.17	53.77	0.03	0.52	16.33	0.38	0.04	2.07	0.12	7.23	0.03	4.65	100.91	7.54	655
Upper footslope of hill	F	1.85	7.66	14.19	1.17	58.01	0.05	0.87	11.52	0.72	0.04	0.88	0.17	7.19	0.02	-2.63	99.86	7.75	654
Lower midslope of hill	G	2.14	8.67	18.53	0.6	32.95	0.04	0.57	7.71	0.56	0.02	0.04	0.11	6.28	0.01	19.86	95.95	7.84	937
Upper midslope of hill	H	1.73	6.44	11.31	1.14	47.94	0.07	0.79	11.36	0.81	0.04	0.07	0.16	9.54	0.01	7.16	96.83	7.56	936
Lower scarp of hill	I	0.7	15.89	11.09	0.61	33.93	0.01	0.12	5.63	0.17	0.03	2.2	0.21	14.35	0.19	12.11	99.54	7.45	683
Lower chrome outcrop	J	0.4	14.11	5.61	0.48	26.87	0.03	0.08	11.7	0.36	0.19	25.68	0.19	14.64	0.09	0.85	100.89	6.67	682
Outcrop gully	K	0.37	23.44	8.65	0.14	40.12	0.01	0.05	6.19	0.14	0.02	1.25	0.19	11.85	0.48	6.89	99.42	7.07	673
Upper scarp of hill	L	0.42	15.24	6.39	1.28	41.59	0.03	0.3	7.98	0.23	0.04	2.82	0.22	13.34	0.16	9.57	99.19	6.95	684
Upper chrome outcrop	M	0.48	14.63	7.07	1.88	39.87	0.01	0.22	10.6	0.26	0.06	4.58	0.21	14.57	0.15	4.85	98.97	6.71	685
Certified	GSNC	-	2.3	2.5	3.77	65.8	0.28	4.63	14.67	0.68	0.012	0.008	0.06	3.75	0.004	1.32	99.784	-	-
Control analysis	GSN	-	2.16	2.56	3.63	66.78	0.28	4.77	14.29	0.66	<0.01	<0.01	0.05	3.8	<0.01	1.29	100.27	-	-

Soil Samples [n=5]		S	Cl	Sc	V	Cr	Ni	Cu	Zn	Ga	Rb	Sr	Y	Zr	Pb	W	Co	As	Nb	Mo	Th	*SN
Valley	A**	327	196	30	163	2214	321	28	68	12	10	133	13	47	6	85	-	0	4	1	0	659
Magnetite outcrop	B	773	388	29	704	26238	401	39	139	14	10.5	113	11	59	6	74	149	0	4	1	0	657
Eroded area	C	297	245	32	109	2641	529	36	68	9	16	88	9	46	7	76	110	0	4	1	0	928
Eroded area edge edge	D	275	166	31	121	3272	506	27	68	8	14	114	10	51	3	87	111	0	4	1	0	931
Lower footslope of hill	E	442	213	14	191	14102	201	13	71	14	18.5	176	9	78	11	165	-	0	4	3	3	655
Upper footslope of hill	F	347	126	9	182	5283	122	22	41	10	27	168	11	94	7	376	-	0	3	1	4	654
Lower midslope of hill	G	93	214	34	85	479	81	32	50	11	19	206	20	120	11	30	46	3	6	1	3	937
Upper midslope of hill	H	351	284	46	112	724	114	36	64	14	27	172	19	198	15	43	32	2	8	0	7	936
Lower scarp of hill	I	311	121	1	121	10824	1028	20	73	13	7	149	9	28	9	0	127	8	2	3	2	683
Lower chrome outcrop	J	447	94	12	1084	50000	930	45	273	42	5	85	6	24	11	61	156	4	10	13	4	682
Outcrop gully	K	334	280	30	116	2937	1133	20	81	8	4	124	8	34	4	0	21	3	0	0	0	673
Upper scarp of hill	L	596	135	13	168	15671	646	21	63	30	10	137	10	36	6	36	130	7	3	2	4	684
Upper chrome outcrop	M	273	84	12	208	21206	812	20	93	17	8	189	10	44	4	2	101	7	2	0	0	685
Certified	GSNC	140	450	7	65	55	34	20	48	22	185	570	19	235	53	490	65	1.6	21	1.2	42	-
Control analysis	GSN	115	482	7	63	60	33	20	48	20	181	565	20	235	50	487	68	<3	25	2	41	-

\* Sample number  
 \*\* Figure 24; Chapter 10

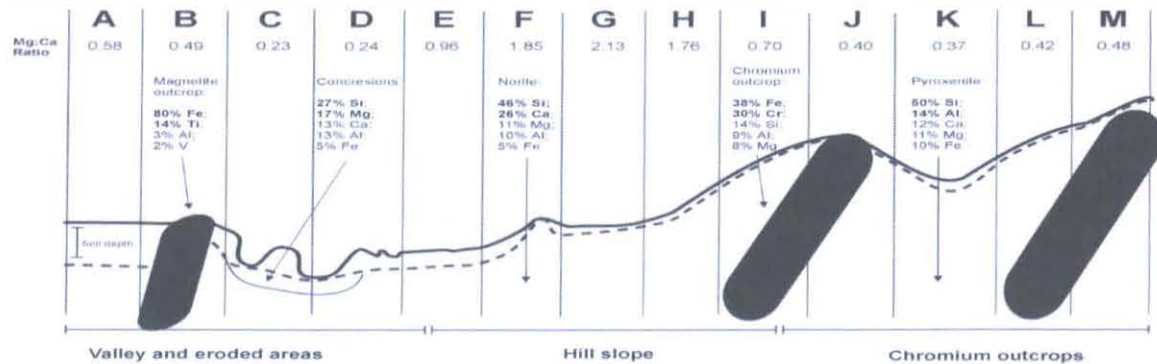
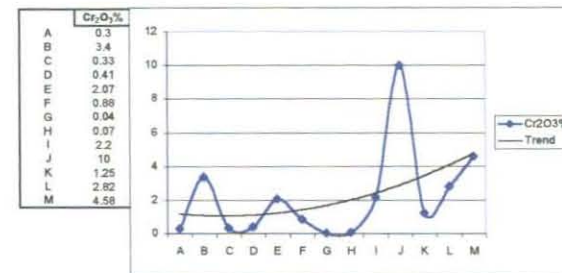
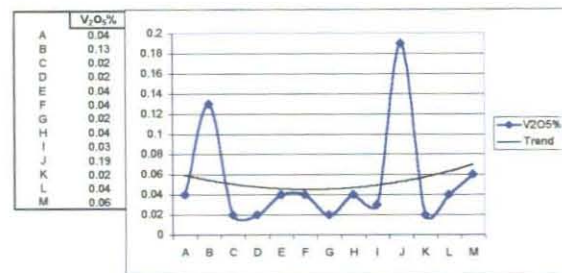
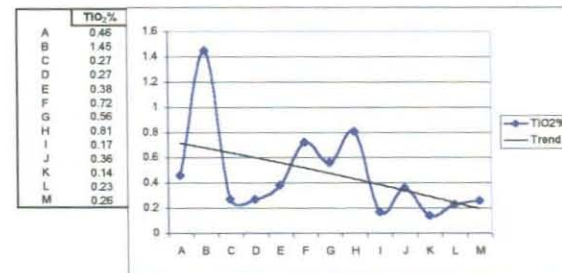
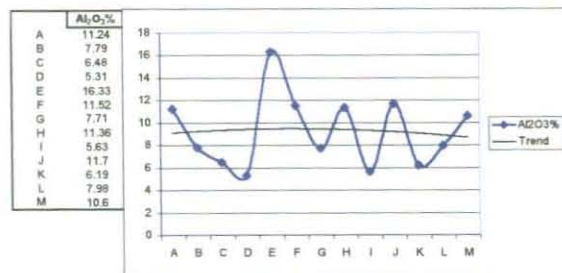
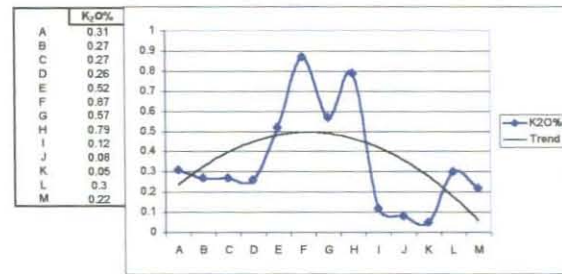
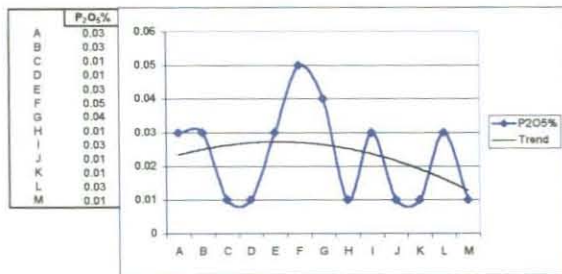
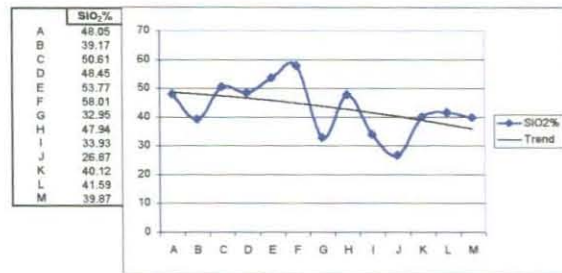
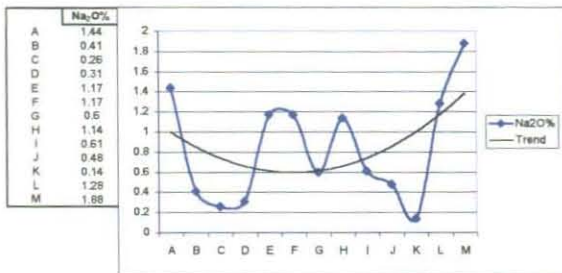
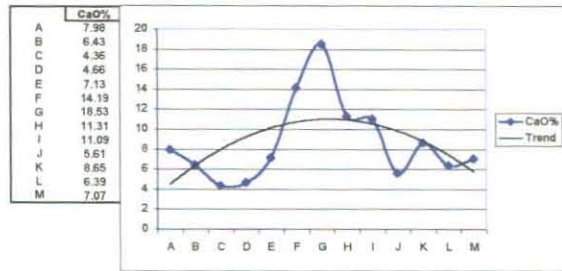
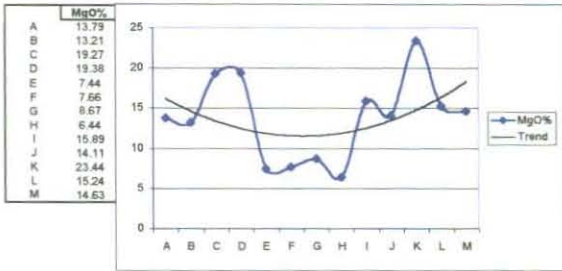
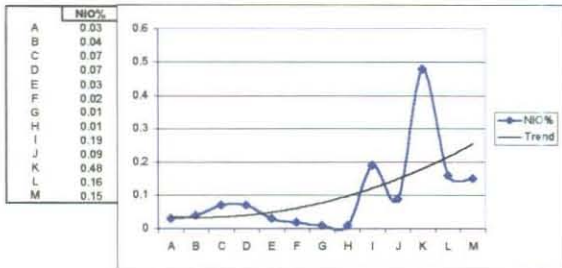
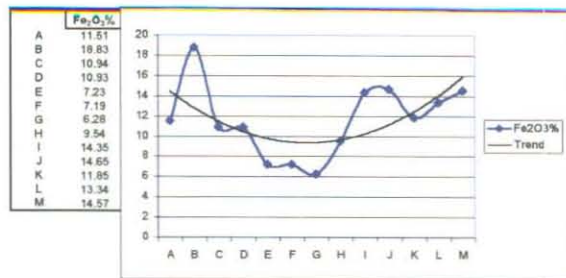
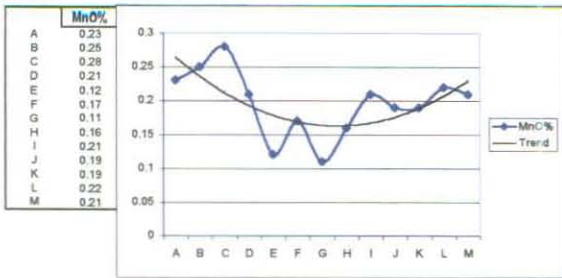


Figure 24. Transect of a catena in the Sekhukhuneland Centre of Plant Endemism with associated underlying rock.

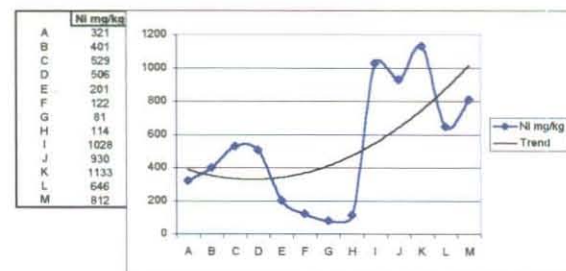
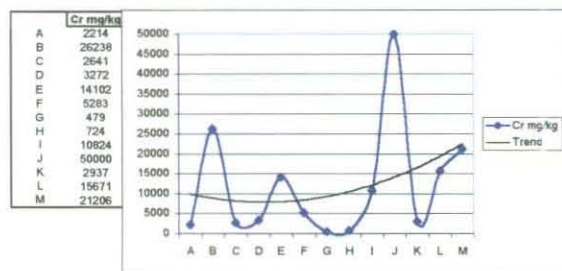
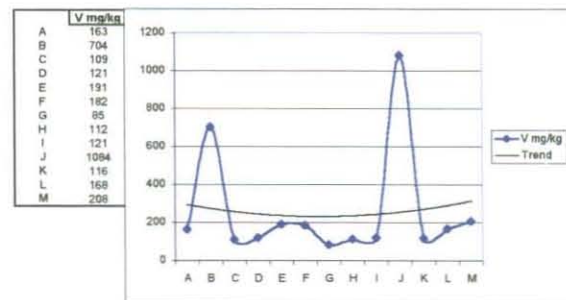
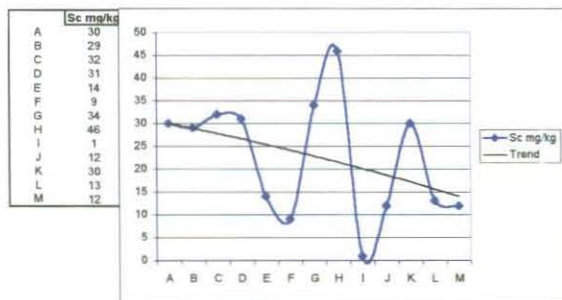
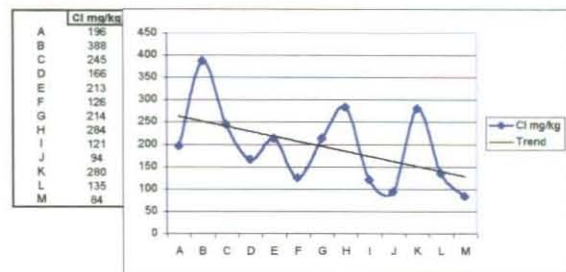
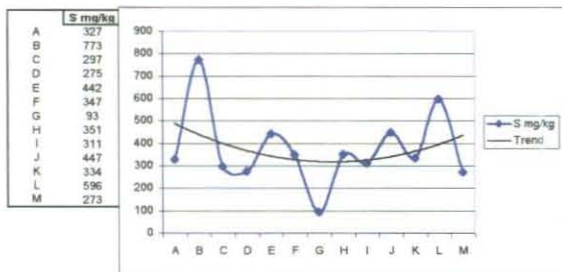
### Appendix 3 Heavy metal and mineral concentrations of soils sampled along a catena in the Sekhukhuneland Centre of Plant Endemism.

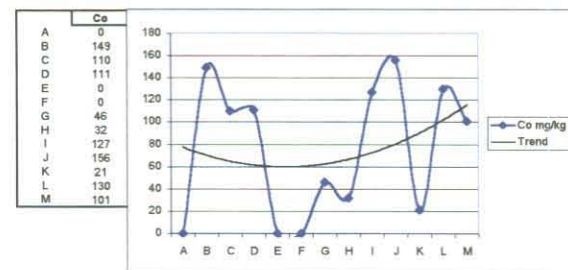
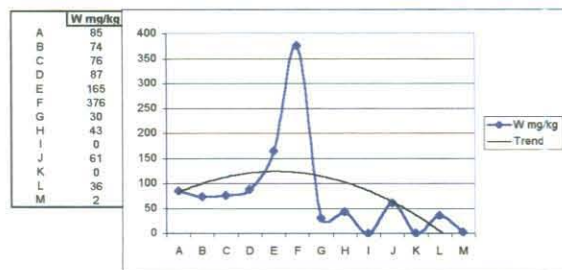
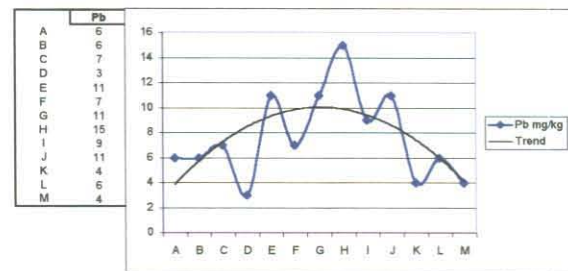
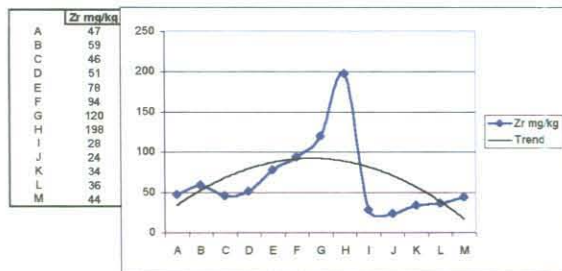
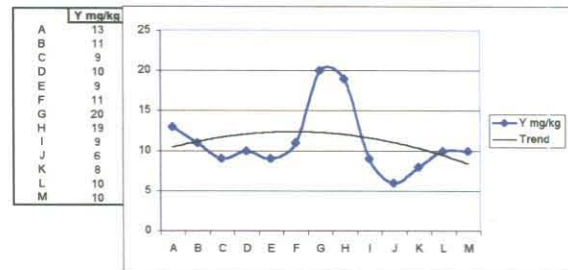
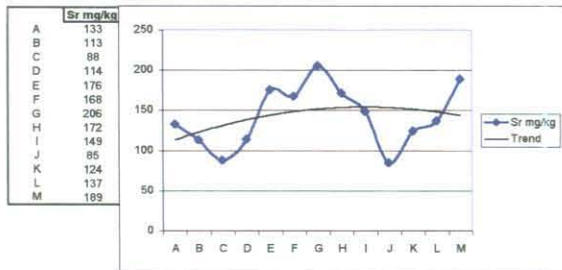
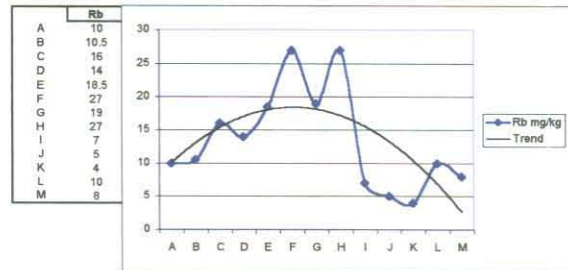
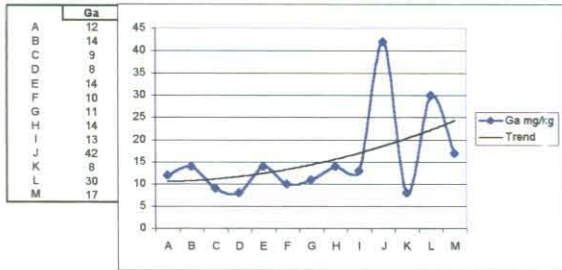
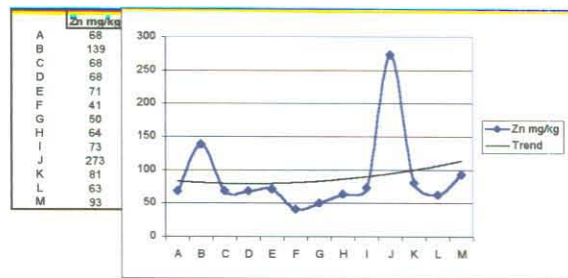
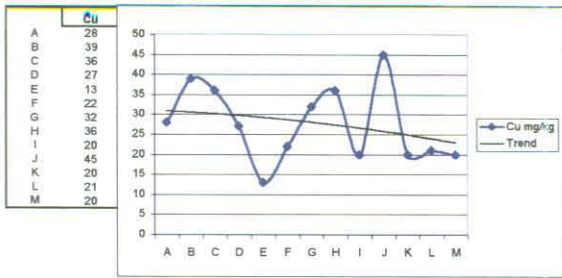
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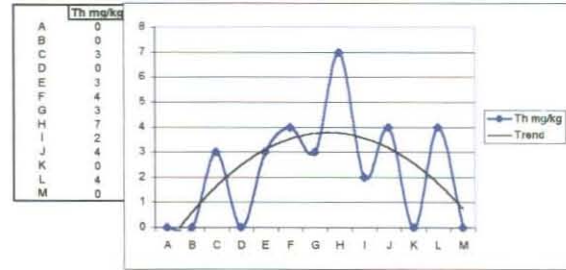
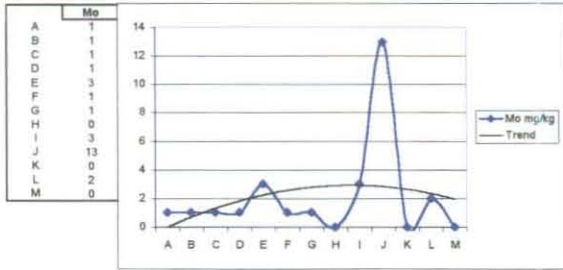
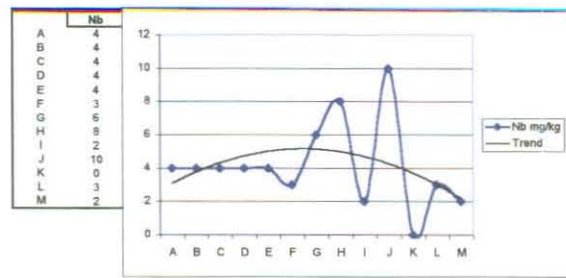
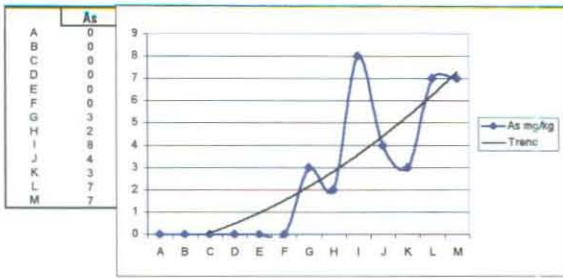




MG/KG ANALYSIS







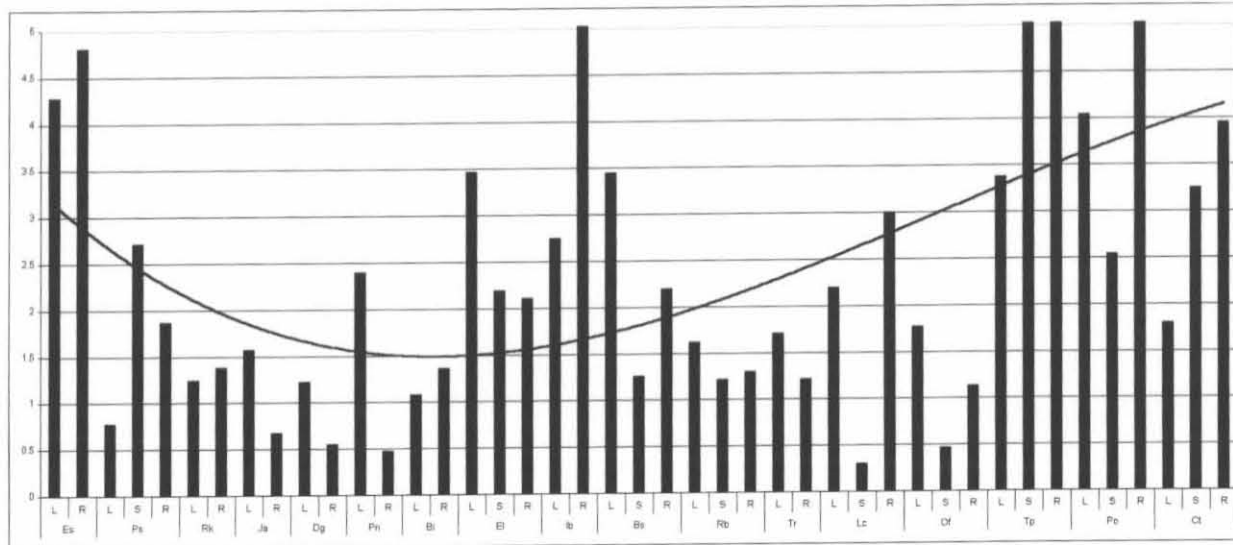
### Appendix 4 Heavy metal and mineral concentrations of plant material collected along a catena (see Figure 24) in the Sekhukhuneland Centre of Plant Endemism.

Species (n=5)	Plant Part	Ca%	Mg%	N%	P%	S%	Cr mg/kg	Ni mg/kg	Fe mg/kg	Mn mg/kg	Al mg/kg	V mg/kg	Sample Number	
<i>Euclea</i> sp. nov.	Es	L	4.28	0.28	0.679	0.271	0.106	17.4	26.8	46.5	12.7	76	7.7	938
		R	4.81	0.134	0.529	0.247	0.1	17.7	5.4	607	9.7	302	4.9	938
<i>Pterothrix spinescens</i>	Ps	L	0.779	0.058	0.641	0.748	0.076	152.8	61.5	5180	40	3911	43.5	928
		S	2.71	0.05	0.549	1.32	0.163	420	38.5	1820	40	1490	52	928
<i>Rhus keetii</i>	Rk	R	1.87	0.055	0.624	0.688	0.076	30	11.4	766	24.5	676	12.15	928
		L	1.24	0.084	0.999	0.338	0.152	6.5	2.63	117.3	10.7	117	0.66	619
<i>Jamesbrittenia atropurpurea</i>	Ja	R	1.38	0.05	0.397	0.347	0.054	14.4	5.9	673	7.7	677	4.46	619
		L	1.57	0.094	1	0.943	0.216	24.1	16.9	1414	32.7	1224	5.82	616
<i>Dicoma qerrardii</i>	Dg	R	0.674	0.047	0.547	0.336	0.062	23.7	25.7	1085	15.6	1095	6.28	616
		L	1.22	0.079	1.031	0.697	0.176	74.2	29.4	3155	27.8	2305	20.5	618
<i>Polygala</i> sp. nov.	Pn	R	0.552	0.05	0.434	0.284	0.09	28.2	19.5	1392	9.1	1007	7.1	618
		L	2.4	0.148	1.05	0.238	0.118	4.73	3	81	8.35	151	0.01	602
<i>Brachylaena ilicifolia</i> [form]	Bi	R	0.476	0.118	0.472	0.06	0.072	9.41	7.82	254	3.36	338	2.01	602
		L	1.08	0.154	1.1	0.191	0.153	6.96	9.64	88.3	6.81	215	2	613
<i>Euclea linearis</i>	Ei	R	1.36	0.102	0.715	0.176	0.061	16.2	23.2	415	7.34	524	4.21	613
		L	3.47	0.057	0.838	0.395	0.094	7.45	9.63	121	27.4	127	1.11	937
<i>Ipomoea bathycolpos</i>	Ib	S	2.19	0.053	0.435	0.135	0.084	5.18	18.1	106	7.66	138	0.3	937
		R	2.11	0.042	0.599	0.398	0.089	7.07	2.28	1220	8.86	951	1.36	937
<i>Berkheya insignis</i> [form]	Bs	L	2.75	0.14	1.78	0.435	0.348	5.91	6.72	153	8.56	164	0.85	617
		R	5.09	0.057	0.521	1.298	0.061	7.31	17.6	530	8.72	426	1.4	617
<i>Rhus batophylla</i>	Rb	L	3.45	0.04	0.566	0.557	0.148	6.79	5.08	740	10.5	635	1.28	942
		S	1.256	0.053	0.263	0.353	0.065	4.01	0.71	201	56.4	230	0.06	942
<i>Tinnea rhodesiana</i>	Tr	R	2.2	0.058	0.67	0.677	0.702	23.3	15.2	6510	36.9	3496	13.2	942
		L	1.62	0.066	1.07	0.302	0.091	5.68	5.75	167	6.64	198	0.74	936
<i>Leucas capensis</i> [form]	Lc	S	1.216	0.057	0.455	0.175	0.083	7.98	3.69	84.6	4.92	124	1.28	936
		R	1.3	0.043	0.421	0.071	0.061	10.3	5.24	928	5.74	532	2.65	936
<i>Orthosiphon fruticosus</i>	Of	L	1.71	0.1	0.865	1.466	0.116	19.6	16.5	199	11.4	252	5.46	614
		R	1.218	0.039	0.549	0.22	0.046	29.3	9.33	374	6.63	425	6.4	614
<i>Terminalia prunoides</i>	Tp	L	2.2	0.847	2.6	0.166	0.75	4.18	0.92	129	43.9	184	1.01	596
		S	0.302	0.173	0.576	0.041	0.02	1.14	0.08	87.3	9.8	72.4	0.41	596
<i>Petalidium oblongifolium</i>	Po	R	3	0.238	0.791	0.036	0.045	9.27	5.82	567	26.8	541	2.75	596
		L	1.77	0.493	2	0.124	0.124	7.42	0.37	175	35.7	168	1.9	615
<i>Catha transvaalensis</i>	Ct	S	0.468	0.155	0.769	0.065	0.027	6.11	3.24	149	10.6	151	1.2	615
		R	1.13	0.193	1.04	0.054	0.02	2.89	2.67	525	18.1	446	0.65	615
<i>Petalidium oblongifolium</i>	Po	L	3.38	0.324	1.4	0.072	0.07	6.56	5.33	56.8	18.7	183	1.63	605
		S	9.8	0.121	0.473	0.064	0.027	3.81	0.01	160	24.5	97.7	2.53	605
<i>Catha transvaalensis</i>	Ct	R	5.6	0.246	0.45	0.069	0.033	7.35	6.28	262	10.2	360	2.36	605
		L	4.04	0.846	2.13	0.098	0.082	2.59	1.88	68.7	12.8	59.5	1.17	598
<i>Catha transvaalensis</i>	Ct	S	2.54	0.376	0.767	0.039	0.012	2.04	13.1	54.1	7.8	65.4	0.79	598
		R	6.35	0.455	0.634	0.034	0.029	8.16	5.66	205	13.9	273	1.95	598
<i>Catha transvaalensis</i>	Ct	L	1.8	0.383	0.929	0.065	0.183	3.06	3.08	55.6	12	65	1.12	604
		S	3.25	0.138	0.436	0.042	0.018	3.3	3.94	53.8	5.85	60.15	0.91	604
<i>Catha transvaalensis</i>	Ct	R	3.95	0.134	0.517	0.041	0.031	5.4	1.84	624.5	24.45	516.5	2.25	604

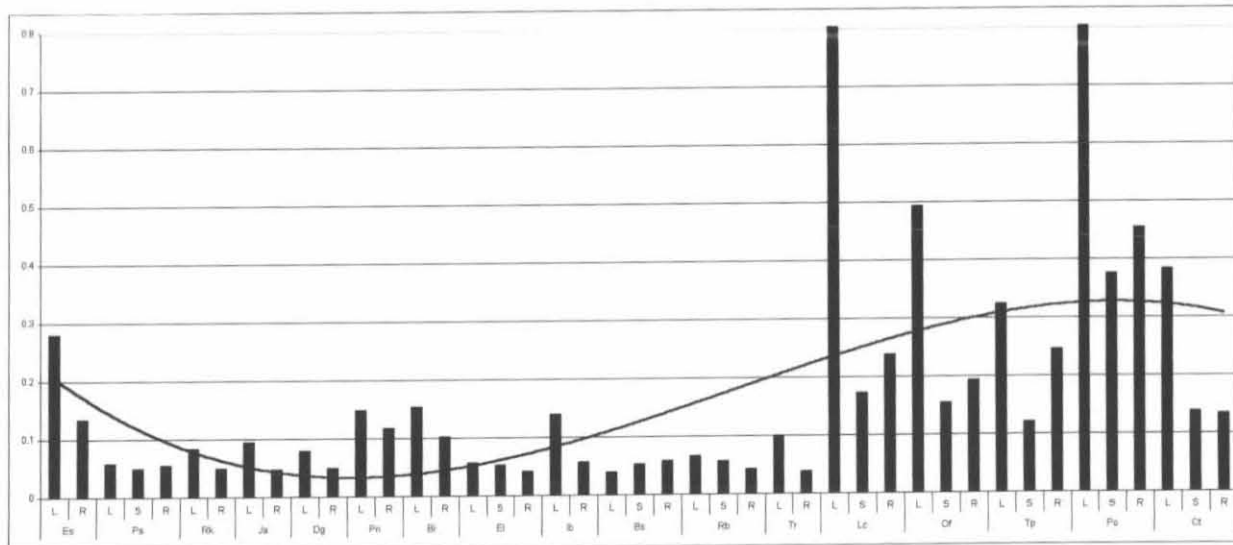
L = leaves, S = stems & R = roots  
 Highest concentrations recorded for leaves and roots are given in blocks  
 Hyperaccumulation and accumulation of metals are shaded

**Appendix 4** Heavy metal and mineral concentrations of plant material collected along a catena (see Figure 24) in the Sekhukhuneland Centre of Plant Endemism.

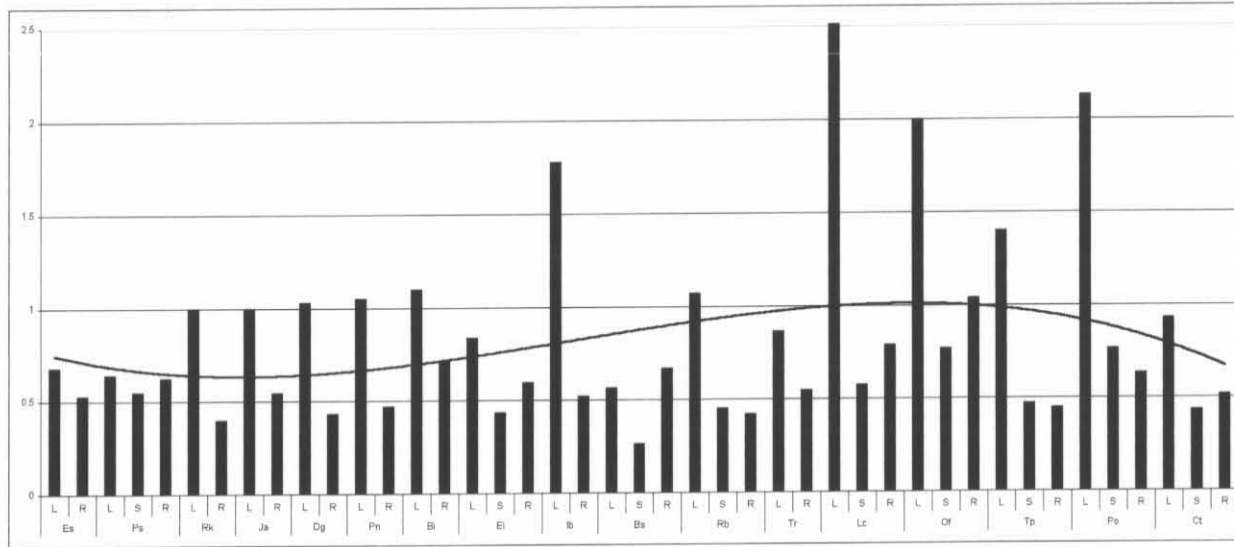
		Ca%
Es	L	4.20
	R	4.81
Pa	L	0.779
	S	2.71
Rk	L	1.24
	R	1.38
Ja	L	1.57
	R	0.874
Da	L	1.22
	R	0.552
Pn	L	2.4
	R	0.475
Bl	L	1.08
	R	1.38
El	L	3.47
	S	2.19
Rb	L	2.75
	R	5.09
Ba	L	3.45
	S	1.268
Rb	L	1.82
	S	1.216
Tr	L	1.3
	R	1.71
Lc	L	1.216
	R	3
Of	L	1.77
	S	0.489
Ta	L	1.12
	S	3.36
Pa	L	9.8
	R	5.8
Ct	L	4.04
	S	2.54
	L	0.25
	R	3.95



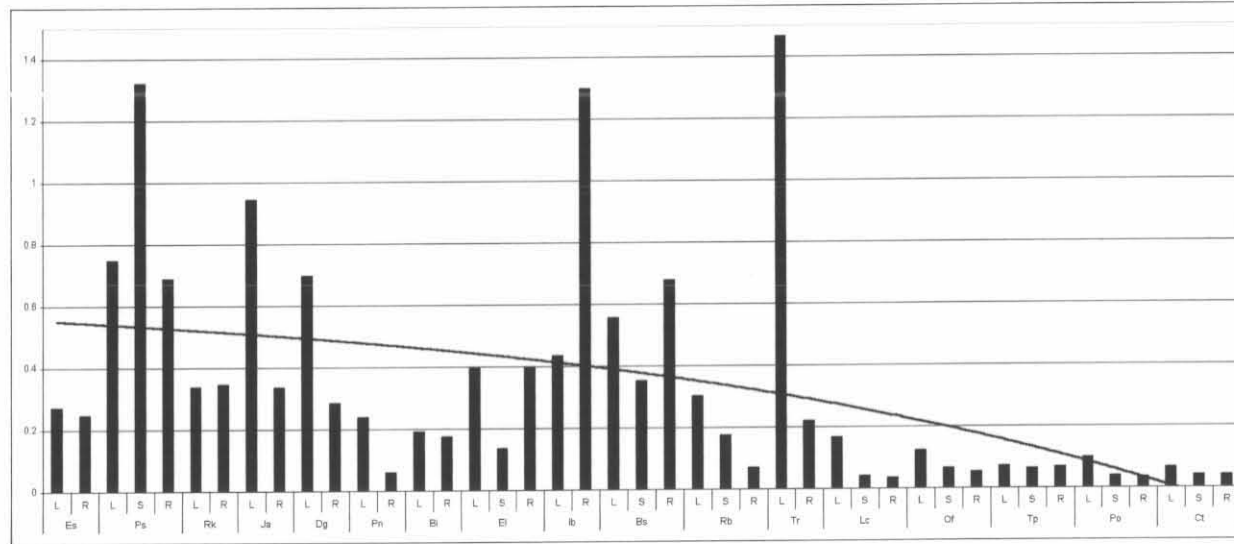
		Mg%
Es	L	0.29
	R	0.194
Pa	L	0.058
	S	0.05
Rk	L	0.055
	R	0.05
Ja	L	0.094
	R	0.047
Da	L	0.079
	R	0.05
Pn	L	0.148
	R	0.115
Bl	L	0.154
	R	0.102
El	L	0.057
	S	0.063
Rb	L	0.042
	R	0.14
Ba	L	0.04
	S	0.053
Rb	L	0.088
	S	0.057
Tr	L	0.043
	R	0.038
Lc	L	0.047
	S	0.173
Of	L	0.239
	S	0.482
Ta	L	0.155
	R	0.182
Pa	L	0.324
	S	0.121
Ct	L	0.268
	R	0.046
	L	0.393
	R	0.138
	L	0.134
	R	



		N%
Es	L	0.678
	R	0.529
Ps	L	0.641
	S	0.540
Rk	R	0.624
	L	0.669
Ja	R	0.397
	L	0.547
Da	L	1.091
	R	0.434
Pn	L	1.05
	R	0.472
Bi	L	1.1
	R	0.715
Ei	L	0.638
	S	0.435
	R	0.599
Ib	L	1.78
	R	0.521
Bs	L	0.508
	S	0.283
	R	0.57
Rb	L	1.07
	S	0.455
	R	0.421
Tr	L	0.985
	R	0.548
Lc	L	2.6
	S	0.576
	R	0.791
Of	L	2
	S	0.789
	R	1.04
Tp	L	1.4
	S	0.473
	R	0.46
Pe	L	2.19
	S	0.787
	R	0.534
Ct	L	0.928
	S	0.438
	R	0.517

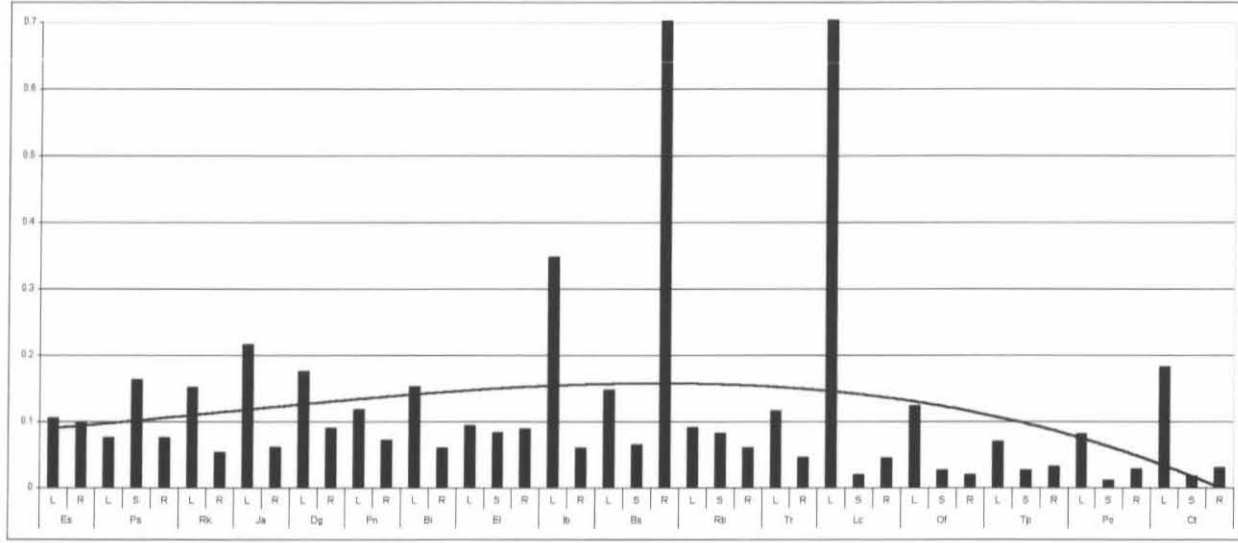


		P%
Es	L	0.271
	R	0.247
Ps	L	0.746
	S	1.32
Rk	R	0.686
	L	0.999
Ja	R	0.347
	L	0.943
Da	R	0.536
	L	0.607
Pn	R	0.264
	L	0.238
Bi	R	0.66
	L	0.191
Ei	R	0.178
	L	0.365
Ib	S	0.135
	R	0.388
	L	0.435
Bs	R	1.288
	L	0.557
Rb	S	0.363
	R	0.677
	L	0.302
Tr	S	0.175
	R	0.071
	L	1.466
Lc	R	0.32
	L	0.105
Of	S	0.041
	R	0.038
	L	0.124
Tp	S	0.064
	R	0.059
	L	0.072
Pe	S	0.038
	R	0.034
	L	0.065
Ct	S	0.042
	R	0.041

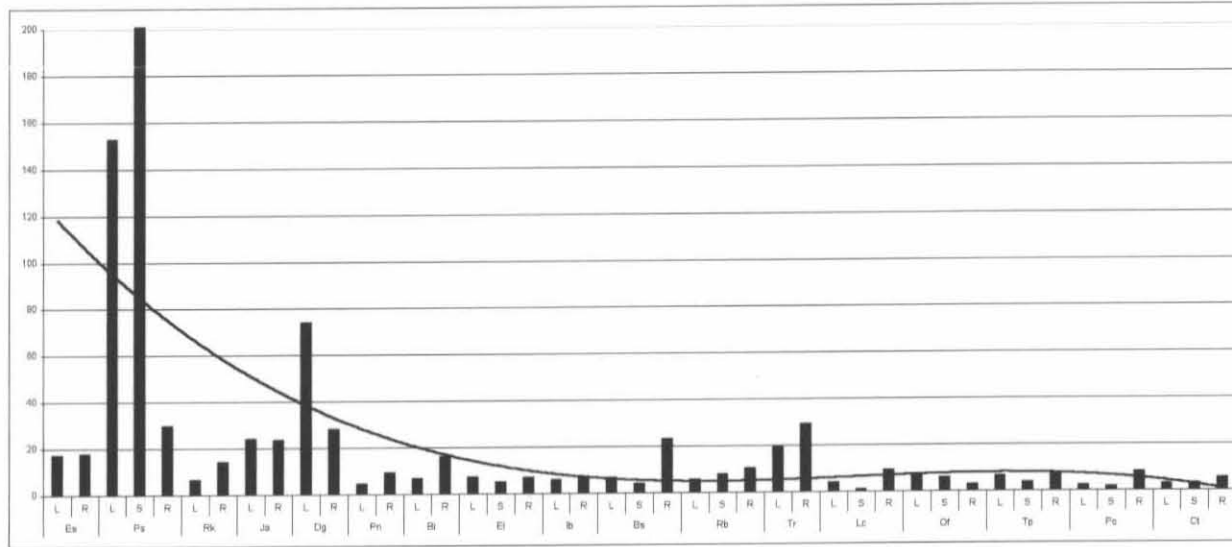




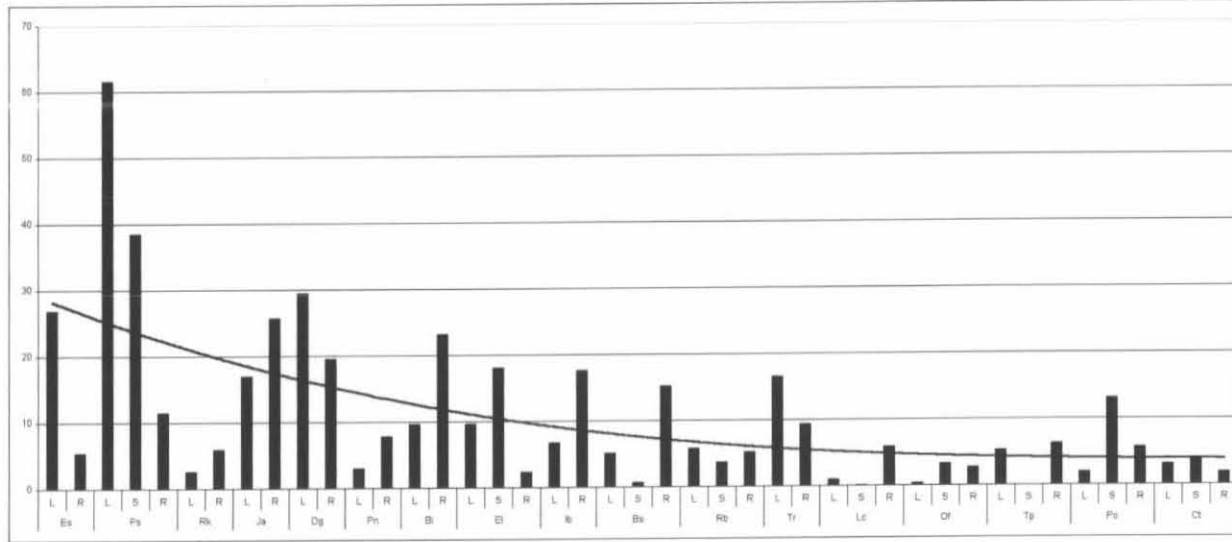
		%
Es	L	0.106
	R	0.1
Pa	L	0.078
	S	0.103
	R	0.076
Rk	L	0.152
	R	0.054
Ja	L	0.216
	R	0.062
Da	L	0.178
	R	0.09
Pn	L	0.118
	R	0.072
Bl	L	0.153
	R	0.081
El	L	0.094
	S	0.094
	R	0.089
Bb	L	0.348
	R	0.081
Ba	L	0.146
	S	0.085
	R	0.702
Rb	L	0.091
	S	0.083
	R	0.081
Tr	L	0.116
	R	0.046
La	L	0.75
	S	0.02
	R	0.045
Of	L	0.124
	S	0.027
	R	0.02
Ta	L	0.07
	S	0.027
	R	0.023
Pa	L	0.082
	S	0.012
	R	0.029
Cl	L	0.183
	S	0.016
	R	0.031



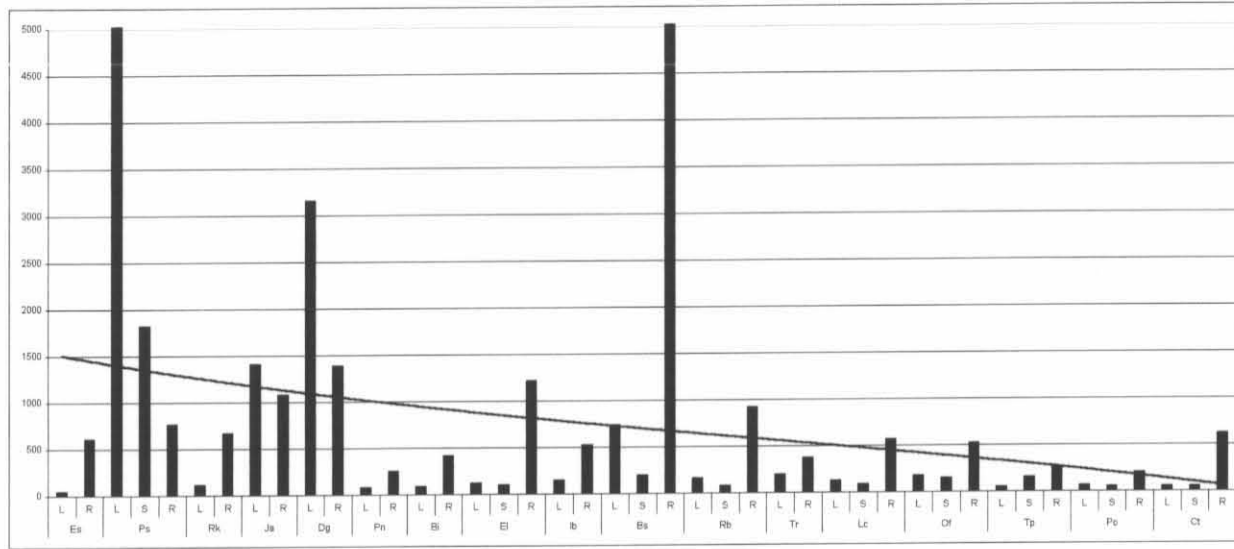
Cr maha	
Es	L 17.4
	R 17.7
Pa	L 162.8
	S 422
	R 30
Rk	L 8.5
	R 14.4
Ja	L 24.1
	R 23.7
Da	L 74.2
	R 29.2
Pn	L 4.72
	R 9.41
Bi	L 8.96
	R 16.2
Ei	L 7.45
	S 5.18
	R 7.07
Ib	L 5.91
	R 7.91
Bs	L 6.79
	S 4.01
	R 23.3
Rb	L 5.98
	S 7.98
	R 10.3
Tr	L 19.8
	R 29.3
Lc	L 4.18
	S 1.14
	R 9.27
Of	L 7.42
	S 8.11
	R 2.86
Tp	L 6.58
	S 3.81
	R 7.25
Pa	L 2.55
	S 2.04
	R 8.18
Ct	L 3.08
	S 3.3
	R 6.4



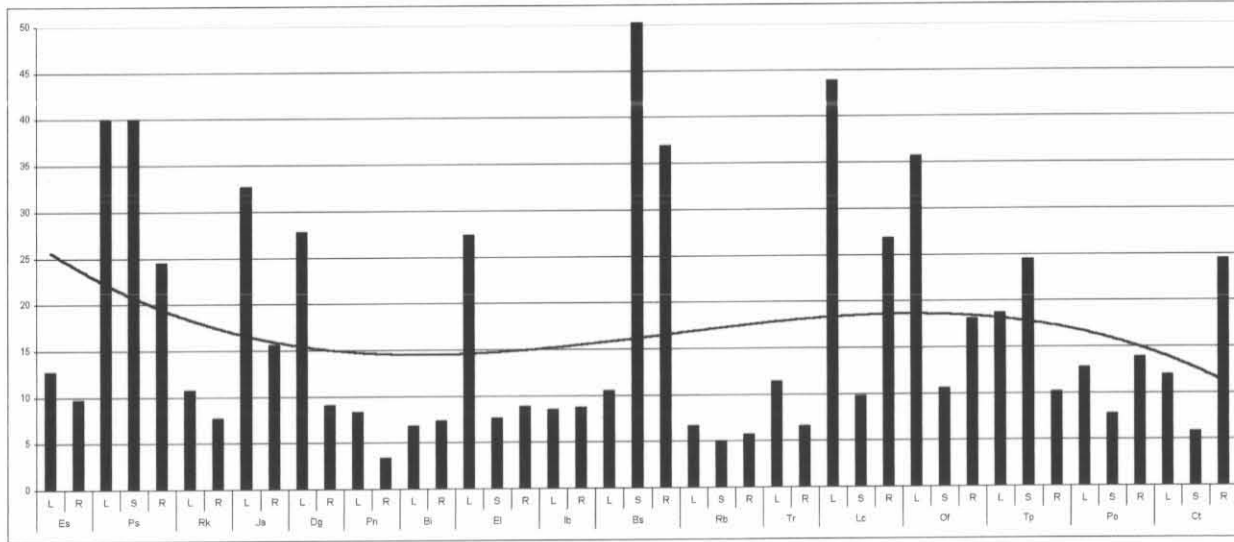
Ni maha	
Es	L 28.9
	R 5.4
Pa	L 81.5
	S 38.5
	R 11.4
Rk	L 2.89
	R 5.9
Ja	L 18.9
	R 25.7
Da	L 29.4
	R 16.5
Pn	L 3
	R 7.02
Bi	L 8.64
	R 23.2
Ei	L 8.83
	S 18.1
	R 2.28
Ib	L 8.72
	R 17.8
Bs	L 5.98
	S 0.71
	R 15.2
Rb	L 5.76
	S 3.89
	R 5.24
Tr	L 18.5
	R 9.23
Lc	L 0.92
	S 0.99
	R 5.82
Of	L 0.37
	S 3.24
	R 2.87
Tp	L 5.33
	S 0.01
	R 0.28
Pa	L 1.88
	S 13.1
	R 6.88
Ct	L 3.08
	S 3.94
	R 1.84



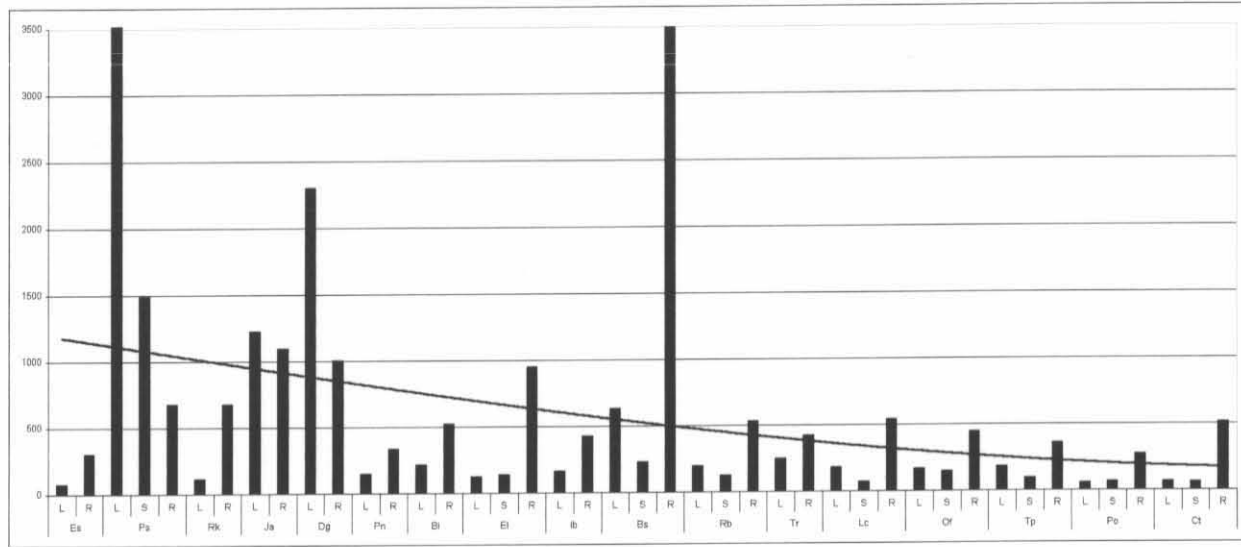
		Fa maha
Es	L	48.5
	R	807
Ps	L	5190
	S	1620
Rk	L	117.3
	R	872
Ja	L	1414
	R	1065
Da	L	3155
	R	1392
Pn	L	81
	R	254
Bi	L	88.3
	R	415
Ei	L	121
	S	106
Ib	L	153
	R	530
Bs	L	740
	S	201
Rb	L	167
	S	84.6
Tr	L	199
	R	374
Lc	L	129
	S	87.3
Of	L	176
	S	140
Tp	L	525
	S	160
Po	L	88.7
	S	64.1
Ct	L	55.6
	S	53.9
	R	824.5



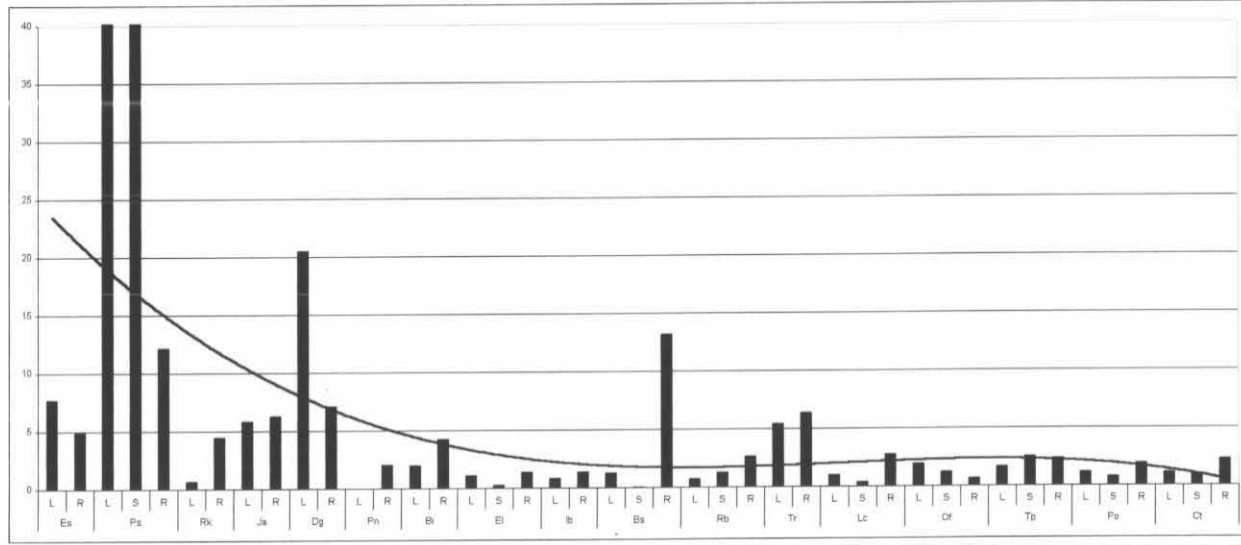
		Mu maha
Es	L	12
	R	9.7
Ps	L	40
	S	40
Rk	L	10.7
	P	7.7
Ja	L	32.7
	R	16.6
Da	L	27.9
	R	8.1
Pn	L	8.36
	R	3.36
Bi	L	0.61
	R	7.34
Ei	L	27.4
	S	7.88
Ib	L	0.58
	R	8.72
Bs	L	10.5
	S	66.4
Rb	L	8.64
	S	4.92
Tr	L	11.4
	R	8.63
Lc	L	43.9
	S	9.8
Of	L	35.7
	S	10.6
Tp	L	18.1
	R	19.7
Po	L	12.8
	S	7.3
Ct	L	12
	S	5.95
	R	24.45



Al maqā	
Es	L 78
	R 302
Pa	L 3911
	S 1440
	R 878
Rk	L 117
	R 877
Ja	L 1224
	R 1095
Da	L 2305
	R 1007
Pn	L 151
	R 398
Bi	L 215
	R 524
Ei	L 127
	S 136
	R 951
ib	L 184
	R 425
Bs	L 635
	S 290
	R 3498
Rb	L 198
	S 124
	R 532
Tr	L 252
	R 425
Lc	L 184
	S 72.4
	R 541
Of	L 168
	S 151
	R 446
Ta	L 183
	S 97.7
	R 360
Pa	L 59.5
	S 85.4
	R 273
Ct	L 85
	S 88.15
	R 518.5



V maqā	
Es	L 7.7
	R 4.9
Pa	L 43.5
	S 52
	R 12.16
Rk	L 0.86
	R 4.48
Ja	L 5.92
	R 8.28
Da	L 20.5
	R 7.1
Pn	L -0.01
	R 2.03
Bi	L 2
	R 4.21
Ei	L 1.11
	S 0.3
	R 1.36
ib	L 0.86
	R 1.4
Bs	L 1.28
	S 0.08
	R 13.2
Rb	L 0.74
	S 1.28
	R 2.85
Tr	L 5.48
	R 8.4
Lc	L 0.01
	S 0.41
	R 2.75
Of	L 1.9
	S 1.2
	R 0.85
Ta	L 1.83
	S 2.53
	R 2.39
Pa	L 1.17
	S 0.79
	R 1.95
Ct	L 1.12
	S 0.91
	R 2.26



## Appendix 5 Checklist of the plant species/infraspecific taxa occurring in the Sekhukhuneland Centre of Plant Endemism.

Scientific names of taxa are based mainly on those used by Arnold & De Wet (1993) and Retief & Herman (1997), but also on relevant recent literature. The checklist is arranged alphabetically according to families of angiosperms, pteridophytes and bryophytes. Within each major division, taxa are listed alphabetically by genus and species.

Codes directly after names indicate the degree of endemism of species, specifying whether a species is a local endemic ( $\in$ ) or near-endemic ( $\notin$ ). An asterisk (\*) denotes alien taxa. A bullet ( $\bullet$ ) indicates medicinal plants. A diamond ( $\blacklozenge$ ) indicates taxa which are also prominent on the Great Dyke of Zimbabwe.

In the checklist each species name is followed by a collector's number for the specimen. All the collectors numbers listed in square brackets can be found in the H.G.W.J. Schweickerdt Herbarium (PRU), University of Pretoria.

The checklist is continually updated and will be published when all collected specimens have been identified. To contribute to this checklist, collectors numbers will be obtained from the Pretoria National Herbarium (PRE), National Botanical Institute, for each of taxa housed in their collections.

The last code is an indication of the distribution of the taxa in the SCPE. These QDG distributions only indicate data available from the specimens used to compile the checklist. The code is upper case and in square brackets and represent the following:

A = 2429BC	B = 2429BD	C = 2429DB	D = 2429DD
E = 2430AC	F = 2430CA	G = 2430CB	H = 2430CC
I = 2430CD	J = 2529BB	K = 2529BD	L = 2530AA

Provisional Red List categories are assigned in accordance with the guidelines set by the IUCN-Species Survival Commission (IUCN 1994). The three categories of threat used in the provisional assessments, as part of the SABONET Red Data List Project (Golding 1999), are in order of decreasing risk of extinction Critically Endangered (CR), Endangered (EN), Vulnerable (VU) and Low Risk (LR). The assessments of Hilton-Taylor (1996) are also included, namely Rare (R), Endangered (E), Vulnerable (V), Indeterminate (I), Insufficiently Known (K).

#### SUMMARY OF CODES:

##### *Floristics*

- |   |                      |
|---|----------------------|
| € – endemic                                 | € – near-endemic     |
| * – alien taxa                              | • – medicinal plants |
| ◆ – prominent on the Great Dyke of Zimbabwe |                      |

##### *Herbarium*

PRU – H.G.W.J. Schweickerdt Herbarium, University of Pretoria

PRE – Pretoria National Herbarium, National Botanical Institute

##### *Conservation*

- |                            |                          |
|----------------------------|--------------------------|
| CR – Critically Endangered | EN or E – Endangered     |
| VU or V – Vulnerable       | R – Rare                 |
| I – Indeterminate          | K – Insufficiently Known |
| LR – Low Risk              |                          |

##### *Collectors*

- |                         |                        |
|-------------------------|------------------------|
| PB – Priscilla Burgoyne | GD – Graham Deall      |
| WF – Willem de Frey     | FP – Franci du Plessis |
| GD – Gawie Dednam       | JH – Johan Hurter      |
| JK – Johan Kritzing     | MM – Maryna Matthee    |
| ER – Elisabet Retief    | SS – Stefan Siebert    |
| YH – Yashica Singh      | RS – Renet Smit        |
| YS – Yolandi Steenkamp  | AW – Braam van Wyk     |

##### *Collector's numbers*

Only given for specimens housed in the H.G.W.J. Schweickerdt Herbarium [PRU], University of Pretoria. Additional listed species were taken from the PRECIS database at the National Herbarium [PRE], National Botanical Institute, Pretoria.



## ALPHABETICAL CHECKLIST:

### BRYOPHYTES

#### AMBLYSTEGIACEAE

*Platyhypnidium macowanianum* (Paris) M. Fleisch. [PRU: AW & SS 13443] [JF]

#### ARCHIDIACEAE

*Archidium* species [PRE] [CD]

#### AYTONIACEAE

*Asterella bachmannii* (Steph.) S.W. Arnell [PRE] [L]

*A. wilmsii* (Steph.) S.W. Arnell [PRE] [L]

#### BARTRAMIACEAE

*Bartramia aristaria* C. Müll. [PRE] [GH]

*Philonotis dregeana* (C. Müll.) A. Jaeger [PRE] [I]

#### BRYACEAE

*Anomobryum filiforme* (Dicks.) Solms [PRE] [L]

*Brachymenium acuminatum* Harv. in Hook. [PRE] [F]

*B. pulchrum* Hook. [PRE] [F]

*B. systylium* (C. Müll.) A. Jaeger [PRE] [F]

*Bryum argenteum* Hedw. [PRE] [FL]

*B. capillare* Hedw. [PRE] [CDFGH]

*B. cellulare* Hook. [PRE] [GH]

*B. dichotomum* Hedw. [PRE] [FGH]

*B. pycnophyllum* (Dixon) Mohamed [PRE] [F]

*Pohlia baronii* Wijk & Margad. [PRE] [L]

#### CALYMPERACEAE

*Hypodontium dregei* (Hornsch.) C. Müll. [PRE] [FI]

*Syrrophodon asper* Mitt. [PRE] [I]

*S. gaudichaudii* Mont. [PRE] [GH]

#### DICRANACEAE

*Campylopus atroluteus* (C. Müll.) Paris [PRE] [L]

*C. introflexus* (Hedw.) Brid. [PRE] [FI]

*C. pilifer* Brid. [PRE] [CDFIL]

*C. pyriformis* (Schultz) Brid. [PRE] [CD]

*C. robillardaei* Besch. [PRE] [CDIL]

*C. savannarum* (C. Müll.) Mitt. [PRE] [GH]

*C. stenopelma* (C. Müll.) Paris [PRE] [I]

*Leucobryum acutifolium* (Mitt.) Card. [PRE] [I]

*Leucoloma rehmannii* (C. Müll.) Rehm ex Paris [PRE] [GHI]

#### ENTODONTACEAE

*Entodon macropodus* (Hedw.) C. Müll. [PRE] [F]

*Erythrodonium subulaceum* (C. Müll.) Paris [PRE] [F]

*Levierella perserrata* P. de la Varde & J.-F. Leroy [PRE] [F]



#### ERPODIACEAE

- Aulacopilum trichophyllum* Ångstr. [PRE] [F]  
*Erpodium beccarii* C. Müll. [PRE] [F]

#### EXORMOTHECACEAE

- Exormotheca holstii* Steph. [PRE] [A]

#### FABRONIACEAE

- Fabronia leikipiae* C. Müll. [PRE] [F]  
*F. pilifera* Hornsch. [PRE] [F]

#### FISSIDENTACEAE

- Fissidens asplenioides* Hedw. [PRE] [I]  
*F. borgenii* Hampe [PRE] [GH]  
*F. bryoides* Hedw. [PRE] [FGH]  
*F. curvatus* Hornsch. [PRE] [F]  
*F. glaucescens* Hornsch. [PRE] [FI]  
*F. rufescens* Hornsch. [PRE] [F]

#### FUMARIACEAE

- Funaria bergiana* (Hornsch.) Broth. [PRE] [GH]

#### GRIMMIACEAE

- Schistidium apocarpum* (Hedw.) Bruch & Schimp. [PRE] [F]

#### HEDWIGIACEAE

- Braunia secunda* (Hook.) Bruch, Schimp. & W. Gumbel [PRE] [FGH]  
*Hedwigia ciliata* (Hedw.) P. Beauv. [PRE] [F]

#### HOOKERIACEAE

- Hookeriopsis pappeana* (Hampe) A. Jaeger [PRE] [GHI]

#### HYPNACEAE

- Hypnum cupressiforme* Hedw. [PRE] [F]

#### LEPTODONTACEAE

- Forsstroemia producta* (Hornsch.) Paris [PRE] [F]  
*Leptodon smithii* (Hedw.) F. Weber & Mohr [PRE] [FI]

#### LESKEACEAE

- Lindbergia haplocladioides* Dixon [PRE] [F]  
*L. patentifolia* Dixon [PRE] [F]  
*L. pseudoleskeoides* Dixon [PRE] [F]  
*L. viridis* Dixon [PRE] [F]  
*Pseudoleskeopsis claviramea* (C. Müll.) Thér. [PRE] [F]  
*P. pseudoattenuata* (C. Müll.) Thér. [PRE] [F]

#### LEUCODONTACEAE

- Leucodon assimilis* (C. Müll.) A. Jaeger [PRE] [FI]  
*Pterogonium gracile* (Hedw.) Sm. [PRE] [F]

#### METEORIACEAE

- Aerobryopsis capensis* (C. Müll.) M. Fleisch. [PRE] [GHI]  
*Papillaria africana* (C. Müll.) A. Jaeger [PRE] [FI]





*Pilotrichella panduraefolia* (C. Müll.) A. Jaeger [PRE] [F]  
*Squamidium brasiliense* (Hornsch.) Broth. [PRE] [F]

#### ORTHOTRICHACEAE

*Macrocoma tenuis* (Hook. & Grev.) Vitt [PRE] [F]  
*Schlotheimia ferruginea* (Hook. & Grev.) Brid. [PRE] [GH]

#### PALLAVICINIACEAE

*Symphogyna brasiliensis* Nees & Mont. [PRE] [L]

#### POLYTRICHACEAE

*Atrichum androgynum* (C. Müll.) A. Jaeger [PRE] [I]  
*Pogonatum capense* (Hampe) A. Jaeger [PRE] [GH]  
*Polytrichum commune* Hedw. [PRE] [IL]

#### PORELLACEAE

*Porella capensis* (Gottsche) Steph. [PRE] [F]

#### POTTIACEAE

*Barbula ehrenbergii* (Lorentz) M. Fleisch. [PRE] [GH]  
    *B. eubryum* C. Müll. [PRE] [CD]  
    *B. indica* (Hook.) Spreng. [PRE] [GH]  
*Bryoerythrophyllum campylocarpum* (C. Müll.) H.A. Crum [PRE] [F]  
*Leptodontium longicaule* Mitt. [PRE] [I]  
*Pseudocrossidium porphyreoneurum* (C. Müll. ex Venturi) R.H. Zander [PRE] [AF]  
*Syntrichia ammoniana* (H.A. Crum & L.E. Anderson) Ochyra [PRE] [FGH]  
    *S. chisosa* (Magill, Delgad. & L.R. Stark) R.H. Zander [PRE] [GH]  
    *S. fragilis* (Taylor) Ochyra [PRE] [F]  
    *S. pagorum* (Milde) J.J. Amann [PRE] [F]  
    *S. princeps* (De Not.) Mitt. [PRE] [F]  
    *S. ruralis* (Hedw.) F. Weber & Mohr [PRE] [F]  
*Tortella humilis* (Hedw.) Jenn. [PRE] [F]  
*Tortula atrovirens* (Sm.) Lindb. [PRE] [FGH]  
*Trichostomum brachydonium* Bruch ex F.A. Müll. [PRE] [BCDFGHIK]  
*Weisiopsis plicata* (Mitt.) Broth. [PRE] [F]  
*Weissia controversa* Hedw. [PRE] [F]

#### PRIONODONTACEAE

*Prionodon densus* (Hedw.) C. Müll. [PRE] [GH]

#### PTEROBRYACEAE

*Calypothecium acutifolium* (Brid.) Broth. [PRE] [F]  
    *C. hoehnelii* (C. Müll.) Argent [PRE] [GH]

#### PTYCHOMITRIACEAE

*Ptychomitrium crispatum* (Hedw.) A. Jaeger [PRE] [F]  
    *P. depressum* (C. Müll.) Pañs [PRE] [F]  
    *P. eurybasis* Dixon [PRE] [FI]  
    *P. subcrispatum* Thér. & P. Vard. [PRE] [F]

#### RICCIACEAE

*Riccia atropurpurea* Sim [PRE] [CD]  
    *R. elongata* Perold [PRE] [F]  
    *R. okahandjiana* S.W. Arnell [PRE] [J]



#### SEMATOPHYLLACEAE

*Sematophyllum brachycarpum* (Hampe) Broth. [PRE] [F]

#### SPHAGNACEAE

*Sphagnum capense* Hornsch. [PRE] [GH]

#### THAMNOBRYACEAE

*Porotrichum madagassum* Kiaer ex Besch. [PRE] [FGHI]

#### TRACHYPODACEAE

*Trachypodopsis serrulata* (P. Beauv.) Fleisch. [PRE] [F]

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### PTERIDOPHYTES

#### ADIANTACEAE

*Actiniopteris radiata* (J. König ex Sw.) Link [PRE] [I]

*Adiantum capillus-veneris* L. [PRE] [FH]

*Cheilanthes dolomiticola* (Schelpe) Schelpe & N.C. Anthony [PRE] [EH]

*C. eckloniana* (Kunze) Mett. [PRE] [L]

*C. hirta* Sw. [PRU: SS 791] [BEFJL] ♦

*C. inaequalis* (Kunze) Mett. var. *inaequalis* [PRE] [GH]

*C. involuta* (Sw.) Schelpe & N.C. Anthony var. *obscura* (N.C. Anthony) N.C. Anthony [PRE] [H]

*C. multifida* (Sw.) Sw. subsp. *lacerata* N.C. Anthony & Schelpe [PRE] [L] ♦

*C. quadripinnata* (Forssk.) Kuhn [PRE] [FL]

*C. viridis* (Forssk.) Sw. var. *glauca* (Sim) Schelpe & N.C. Anthony [PRU: MM 381] [BJL]

*Pellaea calomelanos* (Sw.) Link var. *calomelanos* [PRU: SS 611] [BFHJKL] ♦ ♦

*Pteris buchananii* Baker ex Sim [PRE] [GH]

*P. vittata* L. [PRU: AW & SS 13362] [FHL]

#### ASPLENIACEAE

*Asplenium adiantum-nigrum* L. var. *adiantum-nigrum* [PRE] [F]

*A. aethiopicum* (Burm. f.) Bech. [PRE] [HL]

*A. theciferum* (Humb., Bonpl. & Kunth) Mett. *concinnum* (Schrad.) Schelpe [PRU: AW & SS 13453] [F]

*Ceterach cordatum* (Thunb.) Desv. [PRE] [HJL] ♦

#### EQUISETACEAE

*Equisetum ramosissimum* Desf. [PRE] [CDEHI]

#### ISOETACEAE

*Isoetes transvaalensis* Jermy & Schelpe [PRE] [L]

#### LYCOPODIACEAE

*Lycopodium clavatum* L. [PRE] [L]

#### OPHIOGLOSSACEAE

*Ophioglossum polyphyllum* A. Braun ex Seub. [PRU: SS 1134] [AHL]

*O. reticulatum* L. [PRE] [JK]

#### POLYPODIACEAE

*Polypodium polypodioides* (L.) Hitchc. subsp. *ecklonii* (Kunze) Schelpe [PRU: AW & SS 13444] [F]



### SCHIZAEACEAE

*Anemia dregeana* Kunze [PRE] [I]

*Mohnia caffrorum* (L.) Desv. var. *ferruginea* J.E. & S.M. Burrows [PRE] [FHL]

*M. rigida* J.P. Roux [PRE] [L]

### SELLAGINELLACEAE

*Selaginella dregei* (Presl) Hieron. [PRE] [HL]

*S. mittenii* Baker [PRE] [L] ♦

### THELYPTERIDACEAE

*Thelypteris confluens* (Thunb.) Morton [PRE] [GH]

*T. oppositifolmis* (C. Chr.) Ching [PRE] [L]

### VITTARIACEAE

*Vittaria isoetifolia* Bory [PRE] [I]

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## ANGIOSPERMS

### MONOCOTYLEDONS

#### AMARYLLIDACEAE

*Ammocharis coranica* (Ker Gawl.) Herb. [PRE] [ACD.J]

*Boophane disticha* (L.f.) Herb. [PRE] [HI] • ♦

*Brunsvigia radulosa* Herb. [PRU: SS 765] [K]

*Crinum delagoense* l. Verd. [PRE] [E]

*C. foetidum* l. Verd. [PRE] [A]

*C. macowanii* Baker [PRE] [GH] •

*Cyrtanthus breviflorus* Harv. [PRE] [L]

*C. contractus* N.E. Br. [PRE] [K]

*C. stenanthus* Baker var. *major* R.A. Dyer [PRU: AW & SS 1300] [FGH]

*Nerine rehmannii* (Baker) L. Bolus [PRE] [L]

*Pancratium tenuifolium* Hochst. ex A. Rich. [PRE] [BEGH]

*Scadoxus multiflorus* (Martyn) Raf. subsp. *multiflorus* [PRE] [CD]

*S. puniceus* (L.) Friis & Nordal [PRE] [BJ] •

#### ARACEAE

*Stylochiton natalense* Schott [PRU: AW & SS 1333] [ABCFGHI]

*S. sp. nov. A* [PRU: SS 1845] [H] ∈ CR

*S. sp. nov. B* [PRU: SS 672] [H] ∈

*Zantedeschia albomaculata* (Hook.) Baill. subsp. *albomaculata* [PRE] [FHL]

*Z. albomaculata* (Hook.) Baill. subsp. *macrocarpa* (Engl.) Letty [PRU: YH & AW 47] [FL]

*Z. elliotiana* (Watson) Engl. [PRE] [L]

*Z. jucunda* Letty [PRU: AW & SS 13424] [CDEFGH] ∈

*Z. pentlandii* (Watson) Wittm. [PRU: SS 1189] [HJKL] ∉ R EN

*Z. rehmannii* Engl. [PRE] [GHL] VU

#### COMMELINACEAE

*Aneilema hockii* De Wild. [PRE] [B]

*A. longirrhizum* Faden [PRE] [AB] ∉ EN

*Commelina africana* L. var. *africana* [PRU: SS 107] [JL]

*C. africana* L. var. *krebsiana* (Kunth) C.B. Clarke [PRU: SS 691] [HJ]

*C. africana* L. var. *lancispatha* C.B. Clarke [PRU: SS 145] [BCDFHJ]



- C. benghalensis* L. [PRE] [BFL]
- C. eckloniana* Kunth [PRU: SS 203] [J]
- C. erecta* L. [PRE] [FH]
- C. livingstonii* C.B. Clarke [PRU: SS 606] [BCDH]
- C. modesta* Oberm. [PRU: MM 347] [BF]
- Cyanotis pachyrrhiza* Oberm. [PRU: SS 98] [JL]
- C. speciosa* (L.f.) Hassk. [PRU: SS 474] [FHL]

#### CYPERACEAE

- Abildgaardia ovata* (Burm. f.) Kral [PRU: SS 958] [JK]
- Ascolepis capensis* (Kunth) Ridl. [PRE] [L]
- Bulbostylis boeckleriana* (Schweinf.) A.A. Beetle [PRE] [F]
  - B. burchellii* (Fical. & Hiem.) C.B. Clarke [PRU: SS 478] [H]
  - B. contexta* (Nees) Bodard [PRU: SS 868] [J]
  - B. hispidula* (Vahl) R. Haines [PRE] [F]
  - B. humilis* (Kunth) C.B. Clarke [PRU: SS 608] [HL]
  - B. oritrephe* (Ridl.) C.B. Clarke subsp. *australis* B.L. Burt [PRE] [KL]
  - B. schoenoides* (Kunth) C.B. Clarke [PRE] [L]
- Carpha capitellata* (Nees) Boeck. [PRE] [L]
- Coleochloa setifera* (Ridl.) Gilly [PRU: SS 956] [JL]
- Cyperus albostrigatus* Schrad. [PRE] [CD]
  - C. denudatus* L.f. [PRE] [L]
  - C. esculentus* L. [PRE] [L]
  - C. longus* L. [PRE] [CD]
  - C. margaritaceus* Vahl. [PRU: SS 676] [H]
  - C. marginatus* Thunb. [PRU: SS 864] [J]
  - C. rotundus* L. subsp. *rotundus* var. *rotundus* [PRE] [F]
  - C. rubicundus* Vahl [PRU: SS 195] [J]
  - C. rupestris* Kunth var. *rupestris* [PRE] [L]
  - C. schlechteri* C.B. Clarke [PRE] [L]
  - C. sexangularis* Nees [PRU: SS 959] [CDFJ]
  - C. sphaerospermus* Schrad. [PRU: SS 962] [J]
- Ficinia* species [PRE] [L]
- Fimbristylis dichotoma* (L.) Vahl [PRE] [F]
  - F. ferruginea* (L.) Vahl [PRU: SS 960] [CDJ]
- Fuirena pubescens* (Poir.) Kunth [PRU: AW & SS 13008] [HJK]
- Isolepis costata* (Boeck.) A. Rich. var. *macra* (Boeck.) B.L. Burt [PRE] [L]
  - I. fluitans* (L.) R. Br. [PRE] [L]
- Kyllinga alba* Nees [PRE] [F]
  - K. erecta* Schumach. [PRU: SS 957] [BEJL]
- Mariscus congestus* (Vahl) C.B. Clarke [PRE] [GHL]
  - M. dregeanus* Kunth [PRE] [CDGH]
  - M. keniensis* (Kük.) Hooper [PRE] [GHL]
  - M. macer* Kunth subsp. *macer* [PRE] [GH]
  - M. rehmannianus* C.B. Clarke [PRE] [FGHIJ]
  - M. sumatrensis* (Retz.) J. Raynal [PRE] [GH]
- Pycneus cooperi* C.B. Clarke [PRE] [K]
  - P. macranthus* (Boeck.) C.B. Clarke [PRE] [K]
  - P. nitidus* (Lam.) J. Raynal [PRE] [L]
  - P. oakfortensis* C.B. Clarke [PRU: SS & WF 972] [J]
  - P. rehmannianus* C.B. Clarke [PRE] [L]
- Schoenoplectus corymbosus* (Roth ex Roem. & Schult.) J. Raynal var. *corymbosus* [PRU: SS 952] [J]
  - S. muriculatus* (Kük.) J. Browning [PRE] [L]
- Schoenoxiphium sparteum* (Wahlenb.) C.B. Clarke [PRU: AW & SS 13377] [J]



*Schoenus nigricans* L. [PRU: SS 955] [J]  
*Scirpus burkei* C.B. Clarke [PRU: SS & WF 970] [J]  
*Scleria dieterlenii* Turill [PRE] [HL]

#### DIOSCOREACEAE

*Dioscorea cotinifolia* Kunth [PRE] [I]  
*D. dregeana* (Kunth) T. Durand & Schinz [PRU: SS 104] [HJ] •  
*D. quartiniana* A. Rich. var. *quartiniana* [PRE] [I]  
*D. species* [PRE] [CDF]  
*D. sylvatica* (Kunth) Eckl. [PRU: SS 1146] [BFGHKL] • ♦

#### ERIOCAULACEAE

*Eriocaulon abyssinicum* Hochst. [PRU: AW & SS 1339] [J]  
*E. dregei* Hochst. var. *sonderianum* (Körn.) Oberm. [PRE] [L]

#### HYPOXIDACEAE

*Hypoxis argentea* Harv. ex Baker var. *argentea* [PRE] [JL]  
*H. filiformis* Baker [PRU: AW & SS 1346] [FJ]  
*H. hemerocallidea* Fisch. & C.A. Mey. [PRE] [FGHJ] •  
*H. interjecta* Nel [PRE] [J]  
*H. iridifolia* Baker [PRE] [J]  
*H. multiceps* Buchinger ex Baker [PRE] [JK]  
*H. rigidula* Baker var. *rigidula* [PRE] [GHJ]

#### IRIDACEAE

*Aristea woodii* N.E. Br. [PRE] [K]  
*Babiana hypogea* Burch. var. *hypogea* [PRE] [L]  
*Crocasmia paniculata* (Klatt.) Goldblatt [PRU: SS 778] [J]  
*Dierama medium* N.E. Br. [PRU: GB & SS 1022] [K]  
*D. mossii* (N.E. Br.) Hilliard [PRE] [J]  
*D. nebrownii* Hilliard [PRE] [L]  
*D. pauciflorum* N.E. Br. [PRE] [L]  
*Freesia laxa* (Thunb.) Goldblatt & Manning [PRU: SS 61] [HJK]  
*Gladiolus crassifolius* Baker [PRU: AW, SS & YS 1476] [HIJKL] ♦  
*G. dalenii* Van Geel [PRE] [GHK]  
*G. ecklonii* Lehm. subsp. *ecklonii* [PRU: SS & WF 989] [JL]  
*G. ecklonii* Lehm. subsp. *vinoso-maculatus* (Kies) Oberm. [PRU: SS 233] [J]  
*G. longicollis* Baker var. *platypetalus* (Baker) Oberm. [PRU: AW & SS 1308] [F]  
*G. sekukuniensis* P.J.D. Winter [PRE] [F] €  
*G. sericeovillosus* Hook. f. subsp. *calvatus* (Baker) Goldblatt [PRE] [L]  
*G. species* [PRU: SS 771] [K]  
*G. varius* F. Bolus var. *micranthus* (Baker) Oberm. [PRE] [L]  
*G. woodii* Baker [PRU: AW & SS 13069] [L]  
*Hesperantha baurii* Baker subsp. *baurii* [PRE] [L]  
*H. rupestris* N.E. Br. ex R.C. Foster [PRE] [J]  
*Moraea elliotii* Baker [PRE] [L]  
*M. spathulata* (L.f.) Klatt [PRU: SS 824] [J]  
*M. stricta* Baker [PRE] [J]  
*M. trifida* R.C. Foster [PRE] [L]  
*Schizostylis coccinea* Backh. & Harv. [PRE] [GHL]

#### JUNCACEAE

*Juncus exsertus* Buchenau [PRE] [CDL]  
*J. oxycarpus* E. Mey. ex Kunth [PRE] [L]



- J. punctorius* L.f. [PRU: SS 953] [J]  
*J. rigidus* Desf. [PRU: SS 1177] [H]

## LILIACEAE

### Allioidea

- Agapanthus inapertus* P. Beauv. subsp. *inapertus* [PRE] [JL] •  
*Tulbaghia acutiloba* Harv. [PRE] [L]  
*T. coddii* Vosa & R.B. Burb. [PRE] [GHL] ∉ K VU  
*T. leucantha* Baker [PRU: AW & SS 13067] [KL]  
*T. ludwigiana* Harv. [PRU: SS 1113] [J]  
*T. sp. nov. A* [PRU: SS 1304] [F] ∈ CR

### Anthericoidea

- Anthericum fasciculatum* Baker [PRE] [GH]  
*A. transvaalense* Baker [PRE] [GHJKL]  
*Chlorophytum angulicaule* (Baker) Kativu [PRU: SS 222] [J]  
*C. bowkeri* Baker [PRU: SS 1111] [AHJK]  
*C. cooperi* (Baker) Nordal [PRU: AW & SS 13429] [FL]  
*C. cyperaceum* (Kies) Nordal [PRU: AW & SS 13011] [FHL] ∉ LR  
*C. galpinii* (Baker) Kativu var. *galpinii* [PRU: SS 435] [H]  
*C. polyphyllum* (Baker) Kafivu [PRU: SS 471] [H]

### Asparagoidea

- Asparagus acocksii* Jessop [PRE] [EI]  
*A. africanus* Lam. [PRE] [BF]  
*A. angusticladus* (Jessop) Fellingham & N.L. Mey. [PRE] [F]  
*A. asparagoides* (L.) W. Wight [PRU: AW & SS 13449] [FL]  
*A. buchananii* Baker [PRU: SS 1163] [ABFI]  
*A. clareae* (Oberm.) Fellingham & N.L. Mey. [PRU: SS 202] [J] ∉ K VU  
*A. divaricatus* (Oberm.) Fellingham & N.L. Mey. [PRE] [BI]  
*A. falcatus* L. [PRE] [F]  
*A. flavicaulis* (Oberm.) Fellingham & N.L. Mey. subsp. *flavicaulis* [PRE] [FJ]  
*A. intricatus* (Oberm.) Fellingham & N.L. Mey. [PRU: AW, SS & YS 1501] [CF] [form] ∈ LR  
*A. laricinus* Burch. [PRU: RS 2799] [JKL]  
*A. lynetteae* (Oberm.) Fellingham & N.L. Mey. [PRU: AW & SS 1373] [I] ∉  
*A. nelsii* Schinz [PRU: SS 1693] [ABE]  
*A. racemosus* Willd. [PRU: SS 143] [J]  
*A. schroederi* Engl. [PRE] [A]  
*A. sekukuniensis* (Oberm.) Fellingham & N.L. Mey. [PRU: AW & SS 1355] [BF] ∈ K VU  
*A. sp. nov.* [PRU: AW 13598] [B] ∉  
*A. suaveolens* Burch. [PRU: SS 468] [BCDFGHIJ]  
*A. virgatus* Baker [PRU: SS & FP 1532] [EFL]

### Asphodeloidea

- Aloe aculeata* Pole Evans [PRE] [AIL]  
*A. affinis* A. Berger [PRE] [A]  
*A. arborescens* Mill. [PRU: SS 1667] [AFJL]  
*A. burgersfortensis* Reynolds [PRU: SS 1682] [CDFHI] ∈ VU  
*A. castanea* Schönland [PRU: SS 645] [CFGHJKL] ∉  
*A. chortolinoides* A. Berger var. *woolliana* (Pole Evans) Glen & D.S. Hardy [PRE] [L]  
*A. cooperi* Baker subsp. *cooperi* [PRU: SS & WF 1419] [HIJKL] [form] ∈  
*A. cryptopoda* Baker [PRU: SS 1678] [ABCFHIJL] ♦  
*A. fosteri* Pillans [PRU: AW, SS & YS 1446] [EFL] ∉  
*A. globuligemma* Pole Evans [PRU: SS 646] [AFIJ]



- A. greatheadii* Schönland var. *davyana* (Schönland) Glen & D.S. Hardy [PRE] [AFGHI]  
*A. greatheadii* Schönland var. *greatheadii* [PRE] [A]  
*A. immaculata* Pillans [PRE] [AC] ✘  
*A. integra* Reynolds [PRE] [I]  
*A. laxissima* Reynolds [PRE] [BCDFK]  
*A. marlothii* A. Berger subsp. *marlothii* [PRE] [HJ]  
*A. monotropa* I. Verd. [PRE] [A]  
*A. pretoriensis* Pole Evans [PRU: SS 837] [GHJ] ✘  
*A. reitzii* Reynolds var. *reitzii* [PRE] [KL] ✘ I VU  
*A. verdoorniae* Reynolds [PRU: SS 951] [J]  
*A. verecunda* Pole Evans [PRU: SS 317] [FH]  
*A. zebrina* Baker [PRE] [A]  
*Bulbine angustifolia* Poelln. [PRE] [F]  
*B. latifolia* (L.f.) Roem. & Schult. [PRE] [GH]  
*Kniphofia ensifolia* Baker subsp. *ensifolia* [PRE] [FKL]  
*K. linearifolia* Baker [PRE] [JL]  
*K. rigidifolia* E.A. Bruce [PRE] [L]  
*K. typhoides* Codd [PRE] [L]  
*Trachyandra asperata* Kunth var. *basutoensis* (Poelln.) Oberm. [PRE] [K]  
*T. reflexipilosa* (Kuntze) Oberm. [PRE] [J]  
*T. saltii* (Baker) Oberm. var. *saltii* [PRU: AW & SS 1376] [L] ♦

#### Colchicoidea

- Androcymbium longipes* Baker [PRU: SS 796] [J]  
*A. melanthioides* Willd. var. *striatum* (Hochst.) Baker [PRE] [K]  
*A. melanthioides* Willd. var. *subulatum* Baker [PRU: AW & SS 1306] [F]  
*Camporrhiza strumosa* (Baker) Oberm. [PRE] [H]  
*Gloriosa superba* L. subsp. *superba* [PRU: AW & SS 1338] [BEFJL]  
*Littonia modesta* Hook. [PRE] [K]  
*Ornithoglossum vulgare* B. Nord. [PRU: SS 686] [FH]

#### Dracaenoidea

- Sansevieria aethiopica* Thunb. [PRU: SS 69] [BFHJ]  
*S. hyacinthoides* (L.) Druce [PRU: SS 375] [BCDFH] •  
*S. pearsonii* N.E. Br. [PRU: AW, SS & ER 13216] [EF1]

#### Eriospermoidea

- Eriospermum cooperi* Baker var. *cooperi* [PRE] [KL]  
*E. mackenii* (Hook.f.) Baker subsp. *galpinii* (Schinz) P.L. Perry [PRU: AW & SS 1375] [I]  
*E. porphyrium* Archibald [PRU: SS 41] [J]

#### Hyacinthoidea

- Albucca angolensis* Welw. [PRU: SS 1401] [G]  
*A. setosa* Jacq. [PRU: SS & GB 1016] [BJ]  
*A. shawii* Baker [PRE] [F]  
*A. species* [PRU: SS 1044] [H]  
*A. sp. nov.* [PRU: AW & SS 13296] [BG] ✘  
*Dipcadi glaucum* (Ker Gawl.) Bak. [PRU: AW, SS & ER 1313] [BEG]  
*D. gracillimum* Baker [PRU: MM 527] [BL]  
*D. marlothii* Engl. [PRU: SS 687] [H]  
*D. rigidifolium* Baker [PRU: MM 407] [B]  
*D. viride* (L.) Moench [PRU: SS 259] [BGHJL]  
*Drimia elata* Jacq. [PRU: SS & WF 975] [J]  
*D. kniphofioides* (Baker) Oberm. [PRU: AW & SS 13378] [J] •



- Drimiopsis atropurpurea* N.E. Br. [PRU: AW & SS 13056] [HL]  
*D. burkei* Baker [PRU: SS 389] [HK]  
*D. maxima* Baker [PRU: SS 85] [FHJ]  
*Eucomis autumnalis* (Mill.) Chitt. subsp. *clavata* (Baker) Reyneke [PRU: SS 781] [JL] • N LR  
*E. montana* Compton [PRU: SS 1855] [K] R LR  
*E. vandermerwei* l. Verd. [PRU: AW & SS 13074] [JL] ∅  
*Ledebouria cooperi* (Hook. f.) Jessop [PRE] [JKL]  
*L. dolomiticola* S. Venter [PRU: SS 1112] [HJ] ∅ LR  
*L. floribunda* (Baker) Jessop [PRU: AW & SS 1372] [CDFHJ]  
*L. inquinata* (C.A. Sm.) Jessop [PRE] [J]  
*L. marginata* (Baker) Jessop [PRU: AW, SS & ER 13209] [FHL]  
*L. revoluta* (L.f.) Jessop [PRU: SS 168] [FJL]  
*L. sp. nov.* [PRU: SS 1867] [BH] ∅  
*Ornithogalum saundersiae* Baker [PRE] [K]  
*O. seineri* (Engl. & Krause) Oberm. [PRE] [F]  
*O. tenuifolium* D. Delaroché subsp. *tenuifolium* [PRU: AW & SS 1339] [EL]  
*Schizobasis intricata* (Baker) Baker [PRE] [GH]  
*Scilla natalensis* Planch. [PRE] [J] • N LR  
*S. nervosa* (Burch.) Jessop [PRU: SS 96] [J]  
*Thuranthos basuticum* (E. Phillips) Oberm. [PRE] [K]  
*Urginea altissima* (L.f.) Baker [PRE] [F]  
*U. epigea* R.A. Dyer [PRU: AW, SS & ER 13223] [HIJ] •  
*U. modesta* Baker [PRU: AW, SS & ER 13210] [H]

#### ORCHIDACEAE

- Bonatea speciosa* (L.f.) Willd. var. *antennifera* (Rolfe) Sommerville [PRU: AW, SS & YS 1431] [FG]  
*Brachycorythis conica* (Summerh.) Summerh. subsp. *transvaalensis* Summerh. [PRE] [J]  
*B. ovata* Lindl. [PRE] [K]  
*Brownleea coerulea* Harv. Ex Lindl. [PRU: SS 777] [J]  
*Cheirostylis gymnochiloides* (Ridl.) Rchb. f. [PRE] [E]  
*Corycium dracomontanum* Parkman & Schelpe [PRU: SS & WF 984] [J]  
*Disa alticola* H.P. Linder [PRE] [L]  
*D. cooperi* Rchb. f. [PRE] [L]  
*D. fragrans* Schltr. [PRE] [L]  
*D. rhodantha* Schltr. [PRE] [L] K LR  
*D. stachyoides* Rchb. f. [PRE] [L]  
*D. versicolor* Rchb. f. [PRE] [L]  
*Eulophia aculeata* (L.f.) Spreng. subsp. *aculeata* [PRU: AW & SS 13447] [FKL]  
*E. callichroma* Rchb. f. [PRE] [JL]  
*E. clavicornis* Lindl. var. *nutans* (Sond.) A.V. Hall [PRE] [KL]  
*E. cooperi* Rchb. f. [PRE] [K]  
*E. foliosa* (Lindl.) Bolus [PRE] [KL]  
*E. hians* Spreng. var. *hians* [PRU: GB & SS 1001] [K]  
*E. leontoglossa* Rchb. f. [PRE] [GH]  
*E. ovalis* Lindl. subsp. *bainesii* (Rolfe) A.V. Hall [PRU: SS & WF 983] [GHJ]  
*E. ovalis* Lindl. subsp. *ovalis* [PRU: GB & SS 1002] [K]  
*E. parvilabris* Lindl. [PRU: SS 632] [J]  
*E. petersii* Rchb. f. [PRU: SS & FP 1555] [F]  
*E. speciosa* (R. Br. ex Lindl.) Bolus [PRE] [F]  
*E. streptopetala* Lindl. [PRU: SS 19] [CDFJL]  
*Habenaria barbertonii* Kraenzl. & Schltr. [PRE] [L]  
*H. clavata* (Lindl.) Rchb. f. [PRE] [J]  
*H. dregeana* Lindl. [PRE] [L]





- H. epipactidea* Rchb. f. [PRE] [J]  
*H. falcicornis* (Burch. ex Lindl.) Bolus subsp. *caffra* (Schltr.) J.C. Manning [PRE] [J]  
*H. lithophila* Schltr. [PRE] [GH]  
*H. tridens* Lindl. [PRE] [GH]  
*Mystacidium capense* (L.f.) Schltr. [PRU: AW 13044] [H]  
*Satynium cristatum* Sond. var. *cristatum* [PRE] [FJ]  
*S. longicauda* Lindl. var. *longicauda* [PRU: SS & WF 978] [J]  
*Schizochilus cecillii* Rolfe subsp. *transvaalensis* (Rolfe) H.P. Linder [PRE] [L]

## POACEAE

- Agrostis eriantha* Hack. var. *eriantha* [PRE] [L]  
*A. lachnantha* Nees var. *lachnantha* [PRE] [FL]  
*Alloteropsis semialata* (R. Br.) Hitchc. subsp. *eckloniana* (Nees) Gibbs.-Russ. [PRE] [L]  
*Andropogon appendiculatus* Nees [PRE] [L]  
*A. chinensis* (Nees) Merr. [PRE] [B]  
*A. eucomus* Nees [PRE] [HJ]  
*A. lacunosus* J.G. Anderson [PRE] [L]  
*A. mannii* Hook. f. [PRE] [L]  
*A. ravus* J.G. Anderson [PRE] [L]  
*A. schirensis* A. Rich. [PRE] [L] ♦  
*Aristida adscensionis* L. [PRE] [AB]  
*A. aequiglumis* Hack. [PRE] [L]  
*A. bipartita* (Nees) Trin. & Rupr. [PRE] [J]  
*A. canescens* Henrard subsp. *canescens* [PRU: SS 933] [BHJL] ♦  
*A. congesta* Roem. & Schult. subsp. *barbicollis* (Trin. & Rupr.) De Winter [PRE] [BCDH]  
*A. congesta* Roem. & Schult. subsp. *congesta* [PRE] [ABJL]  
*A. diffusa* Trin. subsp. *burkei* (Stapf) Melderis [PRU: AW & SS 1409] [ABH]  
*A. junciformis* Trin. & Rupr. subsp. *junciformis* [PRE] [BL]  
*A. meridionalis* Henrard [PRE] [F]  
*A. pilgeri* Henrard [PRE] [AB] ♦  
*A. rhinichloa* Hochst. [PRU: SS 409] [BGH]  
*A. scabrivalvis* Hack. subsp. *contracta* (De Winter) Melderis [PRU: SS & WF 1041] [BJ]  
*A. scabrivalvis* Hack. subsp. *scabrivalvis* [PRE] [BJ] ♦  
*A. transvaalensis* Henrard [PRU: GB & SS 1006] [FHJK]  
*A. vestita* Thunb. [PRE] [CD] ♦  
*Arthraxon lanceolatus* (Roxb.) Hochst. var. *lanceolatus* [PRE] [F]  
*Arundinella nepalensis* Trin. [PRU: SS 854] [J]  
*Bewisia biflora* (Hack.) Gooss. [PRU: SS 466] [HJ]  
*Bothriochloa insculpta* (A. Rich.) A. Camus var. *vegetior* (Hack.) C.E. Hubb. [PRU: SS & FP 1524] [BFHIJ]  
*Brachiaria brizantha* (A. Rich.) Stapf [PRE] [FL]  
*B. deflexa* (Schumach.) C.E. Hubb. ex Robyns [PRE] [BF]  
*B. eruciformis* (Sm.) Griseb. [PRE] [B] ♦  
*B. nigropedata* (Ficalho & Hiern) Stapf [PRU: AW & SS 1362] [CI]  
*B. serrata* (Thunb.) Stapf [PRU: SS 482] [BFHJL]  
*Cenchrus ciliaris* L. [PRE] [BFI]  
*Chloris gayana* Kunth\* [PRE] [AB]  
*C. virgata* Sw. [PRE] [B]  
*Ctenium concinnum* Nees [PRE] [L]  
*Cymbopogon plurinodis* (Stapf) Stapf ex Burtt Davy [PRE] [E]  
*C. prolixus* (Stapf) E. Phillips [PRE] [FL]  
*C. validus* (Stapf) Stapf ex Burtt Davy [PRE] [L]  
*Cynodon dactylon* (L.) Pers. [PRE] [BFJL]  
*Dactylis glomerata* L.\* [PRE] [L]



- Dactyloctenium aegyptium* (L.) Willd. [PRU: SS 283] [BH]  
*Digitaria ciliaris* (Retz.) Koeler [PRE] [IL]  
    *D. eriantha* Steud. [PRU: SS 464] [BCDEFIJ]  
    *D. monodactyla* (Nees) Stapf [PRE] [L]  
*Diheteropogon amplexans* (Nees) Clayton [PRE] [ABFHJL]  
*Diplachne eleusine* Nees [PRE] [B]  
*Eleusine coracana* (L.) Gaertn. subsp. *africana* (Kenn.-O'Byrne) Hilu & De Wet [PRE] [K]  
*Elionurus muticus* (Spreng.) Kunth [PRE] [HL]  
*Enneapogon cenchroides* (Roem. & Schult.) C.E. Hubb. [PRE] [BF]  
    *E. desvauxii* Beauv. [PRE] [B]  
    *E. scoparius* Stapf [PRU: SS & WF 1040] [BDFGHIJ]  
*Enteropogon macrostachyus* (A. Rich.) Benth. [PRE] [ABFI]  
*Eragrostis aspera* (Jacq.) Nees [PRE] [FL]  
    *E. barbinodis* Hack. [PRU: SS 673] [ABCDHI]  
    *E. biflora* Hack. ex Schinz [PRE] [BL]  
    *E. caesia* Stapf [PRE] [L]  
    *E. capensis* (Thunb.) Trin. [PRU: AW & SS 13465] [FHJL]  
    *E. chloromelas* Steud. [PRU: SS 408] [FHIL]  
    *E. cilianensis* (All.) F.T. Hubb. [PRE] [BEF]  
    *E. curvula* (Schrad.) Nees [PRU: AW & SS 13463] [ABEFGHIJKL]  
    *E. gummiflua* Nees [PRE] [I]  
    *E. heteromera* Stapf [PRE] [F]  
    *E. lehmanniana* Nees var. *lehmanniana* [PRE] [BF]  
    *E. micrantha* Hack. [PRE] [J]  
    *E. nindensis* Ficalho & Hiern [PRE] [IJ]  
    *E. plana* Nees [PRE] [JL] ♦  
    *E. planiculmis* Nees [PRE] [L]  
    *E. pseudosclerantha* Chiov. [PRE] [FL]  
    *E. racemosa* (Thunb.) Steud. [PRU: SS 462] [BJL]  
    *E. rigidior* Pilg. [PRE] [BF]  
    *E. sclerantha* Nees subsp. *sclerantha* [PRE] [L]  
    *E. superba* Peyr. [PRU: SS 1124] [ABFHJ] ♦  
    *E. trichophora* Coss. & T. Durand [PRU: SS & FP 1614] [BH]  
*Eulalia villosa* (Thunb.) Nees [PRE] [FL]  
*Eustachys paspaloides* (Vahl) Lanza & Mattei [PRE] [B]  
*Festuca caprina* Nees [PRE] [L]  
    *F. costata* Nees [PRE] [L]  
    *F. scabra* Vahl [PRE] [L]  
*Fingerhuthia africana* Lehm. [PRU: SS & FP 1541] [BFGH]  
*Harporchloa falx* (L.f.) Kuntze [PRE] [FL]  
*Hemarthria altissima* (Poir.) Stapf & C.E. Hubb. [PRE] [KL]  
*Heteropogon contortus* (L.) Roem. & Schult. [PRU: SS 600] [ABFHJKL] ♦  
*Hyparrhenia anamesa* Clayton [PRE] [CDL]  
    *H. collina* (Pilg.) Stapf [PRE] [F]  
    *H. cymbaria* (L.) Stapf [PRE] [F]  
    *H. dregeana* (Nees) Stapf [PRE] [J]  
    *H. filipendula* (Hochst.) Stapf var. *filipendula* [PRE] [F] ♦  
    *H. hirta* (L.) Stapf [PRE] [BCDEFJL]  
    *H. quarrei* Robyns [PRE] [J]  
    *H. tamba* (Steud.) Stapf [PRE] [FI]  
    *H. variabilis* Stapf [PRE] [F]  
*Imperata cylindrica* (L.) Raeusch. [PRE] [K]  
*Koeleria capensis* (Steud.) Nees [PRU: SS 14] [JL]  
*Leersia hexandra* Sw. [PRE] [L]



- Lolium multiflorum* Lam.\* [PRE] [L]  
*Loudetia simplex* (Nees) C.E. Hubb [PRU: SS 932] [FGHJL] ♦  
*Melinis nerviglumis* (Franch.) Zizka [PRE] [JKL]  
    *M. repens* (Willd.) Zizka subsp. *repens* [PRE] [BFHJL]  
*Merxmuellera macowanii* (Stapf) Conert [PRE] [L]  
*Microchloa caffra* Nees [PRE] [KL]  
*Miscanthus junceus* (Stapf) Pilg. [PRE] [IL]  
*Monocymbium ceresiforme* (Nees) Stapf [PRE] [FKL]  
*Mosdenia leptostachys* (Ficalho & Hiern) Clayton [PRE] [CDFI] K LR  
*Oropetium capense* Stapf [PRE] [B]  
*Panicum coloratum* L. var. *coloratum* [PRE] [BF]  
    *P. deustum* Thunb. [PRE] [ABEF]  
    *P. maximum* Jacq. [PRE] [BFHJL]  
    *P. natalense* Hochst. [PRE] [L]  
*Paspalum dilatatum* Poir.\* [PRE] [FL]  
*Pennisetum setaceum* (Forssk.) Chiov.\* [PRE] [F]  
*Pentaschistis chippindalliae* H.P. Linder [PRE] [L]  
    *P. natalensis* Stapf [PRE] [L]  
*Perotis patens* Gand. [PRE] [E]  
*Phragmites australis* (Cav.) Steud. [PRE] [FHJ]  
    *P. mauritanus* Kunth [PRU: SS 1125] [DE]  
*Poa annua* L.\* [PRE] [L]  
    *P. binata* Nees [PRE] [L]  
*Pogonarthria squarrosa* (Roem. & Schult.) Pilg. [PRU: AW & SS 13306] [CDL] ♦  
*Rendlia altera* (Rendle) Chiov. [PRE] [JL]  
*Sacciolepis chevalieri* Stapf [PRE] [CD]  
*Schizachyrium sanguineum* (Retz.) Alst. [PRE] [L]  
*Schmidtia pappophoroides* Steud. [PRE] [B]  
*Setaria incrassata* (Hochst.) Hack. [PRE] [F]  
    *S. lindenberghiana* (Nees) Stapf [PRU: AW & SS 1363] [CF] ♦  
    *S. nigrirostris* (Nees) T. Durand & Schinz [PRE] [FL]  
    *S. rigida* Stapf [PRU: SS 862] [J]  
    *S. sagittifolia* (A. Rich.) Walp. [PRE] [F]  
    *S. sphacelata* (Schumach.) Moss var. *sphacelata* [PRE] [FHJ] ♦  
    *S. sphacelata* (Schumach.) Moss var. *forta* (Stapf) Clayton [PRU: AW & SS 13387] [FIJL]  
    *S. verticillata* (L.) P. Beauv. [PRE] [BHL]  
*Sorghum bicolor* (L.) Moench subsp. *arundinaceum* (Desv.) De Wet & Harlan [PRE] [BJ]  
*Sporobolus africanus* (Poir.) Robyns & Tournay [PRE] [L]  
    *S. centrifugus* (Trin.) Nees [PRE] [L]  
    *S. discosporus* Nees [PRU: SS & WF 965] [J]  
    *S. fimbriatus* (Trin.) Nees [PRE] [ABF]  
    *S. ioclados* (Trin.) Nees [PRE] [BF]  
    *S. natalensis* (Steud.) T. Durand & Schinz [PRE] [F]  
    *S. nitens* Stent [PRU: SS 1199] [BJ]  
    *S. panicoides* A. Rich. [PRU: SS & FP 1543] [AF]  
    *S. pectinatus* Hack. [PRE] [L]  
*Stiburus alopecuroides* (Hack.) Stapf [PRE] [L]  
    *S. conrathii* Hack. [PRE] [L]  
*Stipagrostis hirtigluma* (Trin. & Rupr.) De Winter subsp. *patula* (Hack.) De Winter [PRU: AW & SS 13323] [BGHI]  
    *S. zeyheri* (Nees) De Winter subsp. *sericans* (Hack.) De Winter [PRU: SS 867] [J]  
*Stypeiochloa gynoglossa* (Gooss.) De Winter [PRE] [L]  
*Themeda triandra* Forssk. [PRU: SS 678] [BCFHJKL] ♦  
*Trachypogon spicatus* (L.f.) Kuntze [PRU: SS 465] [FHJL] ♦



- Tragus berteronianus* Schult. [PRU: MM 630] [BFHJ]  
*T. koelerioides* Asch. [PRU: AW & SS 1410] [H]  
*Tricholaena monachne* (Trin.) Stapf & C.E. Hubb. [PRU: RS 2742] [BCDFK]  
*Triraphis andropogonoides* (Steud.) E. Phillips [PRU: AW & SS 13012] [FHJ]  
*Tristachya biseriata* Stapf [PRE] [KL] K LR  
*T. leucothrix* Nees [PRU: AW & SS 13464] [FHJL]  
*T. rehmannii* Hack. [PRE] [CD]  
*Urelytrum agropyroides* (Hack.) Hack. [PRE] [L]  
*Urochloa mosambicensis* (Hack.) Dandy [PRE] [B]  
*U. panicoides* P. Beauv. [PRE] [AB]  
*U. trichopus* (Hochst.) Stapf [PRU: SS 407] [EFH]

#### POTAMOGETONACEAE

- Potamogeton crispus* L. [PRE] [J]  
*P. pusillus* L. [PRE] [J]

#### TYPHACEAE

- Typha capensis* (Rohrb.) N.E. Br. [PRE] [CDF] •

#### VELLOZIACEAE

- Xerophyta retinervis* Baker [PRU: SS 1144] [EFGHJK] [form] • €  
*X. schlechteri* (Baker) N.L. Menezes [PRE] [AF]  
*X. villosa* (Baker) Smith & Ayensu [PRE] [A]  
*X. viscosa* Baker [PRU: AW & SS 1302] [BFGHIJL] ♦

#### XYRIDACEAE

- Xynis capensis* Thunb. [PRU: SS 785] [J]

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## DICOTYLEDONS

#### ACANTHACEAE

- Asystasia retrocarpa* T.J. Edwards [PRE] [F]  
*A. schimperi* T. Anderson [PRU: AW & SS 1321] [BG]  
*A. subbiflora* C.B. Clarke [PRE] [B]  
*Barleria affinis* C.B. Clarke [PRU: SS 1705] [E]  
*B. crossandriiformis* C.B. Clarke [PRE] [A]  
*B. galpinii* C.B. Clarke [PRU: SS 315] [BEH]  
*B. kaloxytone* Lindau [PRU: AW, SS & YS 1442] [G]  
*B. lancifolia* T. Anderson [PRU: SS 207] [ABHJ]  
*B. obtusa* Nees [PRU: SS 441] [CDFH]  
*B. ovata* E. Mey. ex Nees [PRU: SS 124] [HJK]  
*B. prionitis* L. [PRU: SS 944] [BGH]  
*B. rotundifolia* Oberm. [PRU: SS 421] [BFHJ]  
*B. saxatilis* Oberm. [PRU: SS 378] [ABEFHJ]  
*B. senensis* Klotzsch [PRE] [BFI]  
*B. transvaalensis* Oberm. [PRU: SS 945] [G]  
*B. virgula* C.B. Clarke [PRE] [B]  
*B. wilmsiana* Lindau [PRU: SS 438] [H]  
*Blepharis angusta* (Nees) T. Anderson [PRU: SS 200] [HJ]  
*B. diversispina* (Nees) C.B. Clarke [PRE] [B]  
*B. inaequalis* C.B. Clarke [PRU: SS 379] [H]  
*B. integrifolia* (L.f.) E. Mey. ex Schinz var. *integrifolia* [PRU: MM 201] [B]  
*B. pruinosa* Engl. [PRU: MM 405] [B]



- B. saxatilis* Oberm. [PRU: AW & SS 12999] [AH]  
*B. subvolubilis* C.B. Clarke var. *subvolubilis* [PRU: SS 395] [BEFGHIJ]  
*Chaetacanthus burchellii* Nees [PRE] [GH]  
*C. costatus* Nees [PRU: SS 266] [HIJL]  
*Crabbea acaulis* N.E. Br. [PRU: SS 232] [J]  
*C. angustifolia* Nees [PRU: SS 189] [FGHJ]  
*C. hirsuta* Harv. [PRU: SS 393] [CDHJK]  
*Crossandra fruticulosa* Lindau [PRE] [B]  
*Dicliptera fruticosa* K. Balkwill [PRE] [AHI]  $\notin$  LR  
*Duosperma crenatum* (Lindau) P.G. Mey. [PRU: AW, SS & YS 1483] [B]  
*Dyschoriste erecta* C.B. Clarke [PRU: AW, SS & YS 1462] [EGH]  $\notin$  LR  
*D. fischeri* Lindau [PRU: AW & SS 13016] [ABFGHIJ]  
*D. perrottetii* (Nees) Kuntze [PRU: SS 11] [J]  $\notin$  LR  
*D. rogersii* S. Moore [PRU: SS & FP 1530] [ABCFGHI]  
*D. species* [PRE] [ABGH]  
*D. transvaalensis* C.B. Clarke [PRE] [F]  
*Hypoestes aristata* (Vahl) Sol. ex Roem. & Schult. var. *alba* K. Balkwill [PRU: SS 74] [FJ]  
*Isoglossa grantii* C.B. Clarke [PRE] [BFG]  
*I. origanoides* (Nees) Lindau [PRU: AW, SS & YS 1440] [GH]  
*Justicia anagaloides* (Nees) T. Anderson [PRU: SS 479] [GHL]  
*J. flava* (Vahl) Vahl [PRU: SS 363] [HI]  
*J. odora* (Forssk.) Vahl [PRU: SS 377] [ABEGHI]  
*J. protracta* (Nees) T. Anderson subsp. *protracta* [PRU: SS 209] [J]  
*Lepidagathis scabra* C.B. Clarke [PRU: SS 361] [AH]  
*Metarungia longistrobis* (C.B. Clarke) Baden [PRE] [AB]  
*Monechma divaricatum* (Nees) C.B. Clarke [PRU: SS 336] [BFH]  
*Penstrophe cernua* Nees [PRE] [B]  
*P. decorticans* K. Balkwill [PRU: AW, SS & YS 1454] [EFH]  
*Petalidium oblongifolium* C.B. Clarke [PRU: SS 380] [ABEFHI]  $\notin$  LR  
*Ruellia cordata* Thunb. [PRU: SS 477] [HIJ]  
*R. malacophylla* C.B. Clarke [PRE] [A]  
*R. patula* Jacq. [PRU: SS 394] [BHI]  
*R. stenophylla* C.B. Clarke [PRU: SS 59] [J]  
*Ruttya ovata* Harv. [PRU: SS 368] [BH]  
*Sclerochiton harveyanus* Nees [PRU: AW & SS 13345] [F]  
*Thunbergia atriplicifolia* E. Mey. ex Nees [PRU: SS 77] [GHJK]  
*T. natalensis* Hook. [PRE] [GH]  
*T. neglecta* Sond. [PRU: AW & SS 1337] [E]

#### AIZOACEAE

- Corbichonia decumbens* (Forssk.) Exell [PRU: SS 424] [BEHJ]  
*Gisekia africana* (Lour.) Kuntze var. *africana* [PRU: AW & SS 1357] [BC]  
*Limeum argute-carinatum* Wawra & Peyr. var. *argute-carinatum* [PRE] [B]  
*L. fenestratum* (Fenzl) Heimerl var. *fenestratum* [PRU: SS 657] [H]  
*L. pauciflorum* Moq. [PRE] [L]  
*L. pterocarpum* (J. Gay) Heimerl var. *pterocarpum* [PRU: AW & SS 13295] [BG]  
*L. sulcatum* (Klotzsch) Hutch. var. *sulcatum* [PRU: SS 272] [BGH]  
*L. viscosum* (J. Gay) Fenzl subsp. *transvaalense* Friedrich [PRE] [F]  
*L. viscosum* (J. Gay) Fenzl subsp. *viscosum* [PRU: SS 654] [BH]  
*Mollugo nudicaulis* Lam.\* [PRU: SS 658] [BH]  
*Plinthus rehmanni* G. Schellenb. [PRU: MM 696] [B]  $\notin$  V EN  
*Psammotropha myriantha* Sond. [PRE] [L]  
*Trianthema parvifolia* E. Mey. ex Sond. var. *parvifolia* [PRU: AW, SS & YS 1485] [B]  
*T. salsoloides* Fenzl ex Oliv. var. *stenophylla* Adamson [PRE] [B]



*Zaleya pentandra* (L.) Jeffrey [PRE] [B]

#### AMARANTHACEAE

*Achyranthus aspera* L. var. *aspera* \* [PRU: SS 362] [FH] ♦

*Alternanthera sessilis* (L.) DC. [PRE] [B]

*Amaranthus hybridus* L. subsp. *hybridus* var. *hybridus* \* [PRE] [F]

*A. spinosus* L.\* [PRE] [F]

*A. thunbergii* Moq. [PRE] [BK]

*Cyathula cylindrica* Moq. [PRE] [L]

*C. lanceolata* Schinz [PRE] [B]

*C. uncinulata* (Schrad.) Schinz [PRE] [K]

*Gomphrena celosioides* Mart.\* [PRE] [B]

*Hemibstaedia fleckii* (Schinz) Baker & C.B. Clarke [PRE] [B]

*H. odorata* (Burch.) T. Cooke var. *odorata* [PRE] [B]

*H. scabra* Schinz [PRE] [B]

*Kyphocarpa angustifolia* (Moq.) Lopr. [PRU: SS 186] [BEFHJ] ♦

*Pupalia lappacea* (L.) Juss. var. *lappacea* [PRU: GB & SS 1018] [BFK]

*Senicorema remotiflora* (Hook. f.) Lopr. [PRE] [B]

#### ANACARDIACEAE

*Lannea discolor* (Sond.) Engl. [PRE] [FHL] ♦

*L. edulis* (Sond.) Engl. var. *edulis* [PRE] [GHL] •

*Ozoroa albicans* R. & A. Fern. [PRU: SS 442] [EFH] ∉ K LR

*O. insignis* Delile subsp. *reficulata* (Baker f.) J.B. Gillett [PRE] [F]

*O. paniculosa* (Sond.) R. & A. Fern. [PRE] [HI]

*O. sphaerocarpa* R. & A. Fern. [PRU: SS 17] [FGHJ]

*Rhus batophylla* Codd [PRU: SS 34] [BEFHI] ∈ R VU

*R. dentata* Thunb. [PRU: SS 146] [GHJK]

*R. discolor* E. Mey. ex Sond. [PRU: SS 161] [FJKL]

*R. engleri* Britten [PRU: SS 452] [ABFGH] ∉

*R. gerrardii* (Harv. ex Engl.) Schönland [PRE] [L]

*R. gracillima* Engl. var. *gracillima* [PRE] [CDFJ]

*R. gueinzii* Sond. [PRU: SS 412] [BFH]

*R. keetii* Schönland [PRU: AW & SS 12994] [ADEFHG] ∉

*R. leptodictya* Diels [PRE] [AFHJ]

*R. pallens* Eckl. & Zeyh. [PRE] [K]

*R. pentheri* Zahlbr. [PRE] [H]

*R. pyroides* Burch. var. *pyroides* [PRU: SS & WF 969] [FHJL]

*R. pyroides* Burch. var. *integrifolia* (Engl.) Moffett [PRU: SS 630] [J]

*R. rigida* Mill. var. *dentata* (Engl.) Moffett [PRU: SS 216] [JK]

*R. rogersii* Schonland [PRE] [JK] N LR

*R. sekhukhuniensis* Moffett [PRU: AW, SS & ER 13201] [FHJ] ∈ R LR

*R. species* [PRE] [BEJL]

*R. transvaalensis* Engl. [PRE] [GH]

*R. tumulicola* S. Moore var. *meeuseana* (R. & H. Fern.) Moffett forma *meeuseana* [PRU: AW & SS 13423] [DFJL] ∉

*R. wilmsii* Diels [PRU: AW & SS 12970] [FHJKL] ∉ K LR

*R. zeyheri* Sond. [PRU: SS 106] [FHJKL]

*Sclerocarya birrea* (A. Rich.) Hochst. subsp. *caffra* (Sond.) Kokwaro [PRU: SS 1155] [BEFHJ] •

#### ANNONACEAE

*Hexalobus monopetalus* (A. Rich.) Engl. & Diels var. *monopetalus* [PRU: SS 1808] [EF]

*Xylopia odoratissima* Welw. ex Oliv. [PRE] [L]



## APIACEAE

- Alepidea amatymbica* Eckl. & Zeyh. var. *amatymbica* [PRU: SS 826] [JL] •  
    *A. basinuda* Pott var. *basinuda* [PRE] [I]  
    *A. longifolia* E. Mey. ex Dummer var. *longifolia* [PRE] [I]  
    *A. setifera* N.E. Br. [PRU: SS 755] [JKL]  
*Ammi majus* L. var. *glaucifolium* (L.) Godr.\* [PRU: SS 637] [J]  
*Annesorhiza wilmsii* H. Wolff [PRE] [K]  
*Berula erecta* (Huds.) Coville subsp. *thunbergii* (DC.) B.L. Burt [PRE] [JKL] •  
*Bupleurum mundii* Cham. & Schldl. [PRE] [FK]  
*Heteromorpha stenophylla* Welw. ex Schinz var. *transvaalensis* (Schltr. & H. Wolff) P.J.D.  
    Winter [PRE] [JK] •  
    *H. trifoliata* (Wendl.) Eckl. & Zeyh. [PRU: AW & SS 12984] [FHJL] ♦  
*Pimpinella caffra* (Eckl. & Zeyh.) Harv. [PRU: SS 833] [JK]  
    *P. transvaalensis* H. Wolff [PRE] [L]  
*Sium repandum* Welw. ex Hiern [PRE] [JL]  
*Steganotaenia araliaceae* Hochst. [PRU: JK 105] [FH]

## APOCYNACEAE 516

- Acokanthera oppositifolia* (Lam.) Codd [PRU: SS 127] [BEFHJL] •  
*Allamanda blanchetii* DC.\* [PRU: SS 316] [H]  
*Carissa bispinosa* (L.) Desf. ex Brenan subsp. *bispinosa* [PRU: AW & SS 13365] [BFGH]  
    *C. bispinosa* (L.) Desf. ex Brenan subsp. *zambesiensis* Kupicha [PRU: AW & SS 13431] [F]  
*Catharanthus roseus* (L.) G. Don\* [PRU: SS & FP 1558] [EF]  
*Pachypodium saundersii* N.E. Br. [PRU: AW & SS 13322] [G] NLR

## AQUIFOLIACEAE 111

- Ilex mitis* (L.) Radlk. var. *mitis* [PRU: AW & SS 13436] [FGH] ♦

## ARALIACEAE

- Cussonia natalensis* Sond. [PRE] [GH]  
    *C. paniculata* Eckl. & Zeyh. subsp. *sinuata* (Reyneke & Kok) De Winter [PRE] [FGHL]  
    *C. spicata* Thunb. [PRU: AW & SS 13356] [CDF]  
    *C. transvaalensis* Reyneke [PRE] [BCDFHIJL]  
*Schefflera umbellifera* (Sond.) Baill. [PRE] [E]  
*Seemannaralia gerrardii* (Seem.) Harms [PRE] [J]

## ASCLEPIADACEAE

- Asclepias affinis* (Schltr.) Schltr. [PRU: AW & SS 13380] [JK]  
    *A. albens* (E. Mey.) Schltr. [PRU: SS 1406] [J]  
    *A. cultriformis* Harv. ex Schltr. [PRE] [KL]  
    *A. densiflora* N.E. Br. [PRU: SS 634] [J]  
    *A. eminens* (Harv.) Schltr. [PRE] [K]  
    *A. fallax* (Schltr.) Schltr. [PRU: AW & SS 13390] [BFHJ]  
    *A. sp. nov.* [PRU: JK 110] [F] ∈  
*Aspidoglossum glabrescens* (Schltr.) Kupicha [PRE] [CK]  
*Aspidonepsis diploglossa* (Turcz.) Nicholas & Goyder [PRU: AW & SS 1421] [J]  
*Brachystelma coddii* R.A. Dyer [PRE] [E]  
    *B. decipiens* N.E. Br. [PRE] [E]  
    *B. minor* E.A. Bruce [PRE] [L]  
    *B. thunbergii* N.E. Br. [PRE] [L]  
*Ceropegia ampliata* E. Mey. [PRU: AW, SS & YS 1511] [AFGHI]  
    *C. decidua* E.A. Bruce subsp. *pretoriensis* R.A. Dyer [PRE] [I]  
    *C. distincta* N.E. Br. subsp. *haygarthii* (Schltr.) H.E. Huber [PRE] [B]  
    *C. distincta* N.E. Br. subsp. *verruculosa* R.A. Dyer [PRE] [B] ∈



- C. meyeri* Decne. [PRE] [L]  
*C. nilotica* Kotschy [PRE] [I]  
*C. rendallii* N.E. Br. [PRE] [L]  
*C. stapeliiformis* Haw. subsp. *serpentina* (E.A. Bruce) R.A. Dyer [PRE] [AH] ✘  
*Cordylogyne globosa* [PRU: SS 801] [J]  
*Cynanchum ellipticum* (Harv.) R.A. Dyer [PRU: AW & SS 13350] [F]  
*C. gerrardii* (Harv.) Liede [PRU: AW & SS 13017] [B]  
*Duvalia polita* N.E. Br. [PRE] [I]  
*Ectadiopsis oblongifolia* (Meisn.) Benth. Ex Schltr. [PRU: SS 364] [H] ✦  
*Fockea angustifolia* K. Schum. [PRU: SS 322] [AH]  
*Gomphocarpus fruticosus* (L.) Aiton f. ✦ [PRU: AW, SS & YS 1679] [AFH]  
*G. physocarpus* (E. Mey.) Aiton f. [PRE] [GH]  
*G. tomentosus* Burch. [PRU: AW & SS 13415] [BEFH]  
*Huernia hystrix* (Hook. f.) N.E. Br. var. *hystrix* [PRE] [IKL]  
*H. insigniflora* C.A. Maass [PRE] [FGHKL] ✘ LR  
*H. kirkii* N.E. Br. [PRE] [DF] ✦  
*H. quinta* (E. Phillips) A.C. White & B. Sloane var. *quinta* [PRU: AW & SS 1425] [IJ]  
*H. stapelioides* Schltr. [PRE] [ABI] ✘ VU  
*H. zebrina* N.E. Br. subsp. *zebrina* [PRU: SS 1695] [E]  
*Huerniopsis atrosanguinea* (N.E. Br.) A.C. White & B. Sloane [PRE] [CDJ]  
*Marsdenia macrantha* (Klotzsch) Schltr. [PRU: MM 457] [B]  
*M. sylvestre* (Retz.) Schult. [PRU: MM 453] [B]  
*Miraglossum davyi* (N.E. Br.) Kupicha [PRE] [I]  
*Orbea tapscottii* (I. Verd.) L.C. Leach [PRE] [I]  
*Orbeopsis gerstneri* (Letty) L.C. Leach subsp. *elongata* (R.A. Dyer) L.C. Leach [PRE] [IJ] ✘  
*O. melanantha* (Schltr.) L.C. Leach [PRE] [ACD]  
*Orthanthera jasminiflora* (Decne.) Schinz [PRE] [A]  
*Pachycarpus asperifolius* Meisn. [PRU: AW & SS 13078] [J]  
*P. concolor* E. Mey. [PRE] [GH]  
*P. macrochilus* (Schltr.) N.E. Br. [PRE] [L]  
*P. scaber* (Harv.) N.E. Br. [PRE] [GHK]  
*P. transvaalensis* (Schltr.) N.E. Br. [PRU: SS 49] [JL] ✘  
*Pachycymbium keithii* (R.A. Dyer) L.C. Leach [PRE] [I]  
*Pentarrhinum insipidum* E. Mey. [PRE] [ACE]  
*Pergularia daemia* (Forssk.) Chiov. var. *daemia* [PRU: AW, SS & YS 1428] [BD]  
*Riocreuxia picta* Schltr. [PRU: AW 13586] [EF]  
*Sarcostemma viminale* (L.) R. Br. [PRU: SS 1118] [BFHJ]  
*Schizoglossum bidens* E. Mey. subsp. *galpinii* (Schltr.) Kupicha [PRU: AW & SS 13270] [L]  
*S. hamatum* E. Mey. [PRE] [K]  
*S. sp. nov.* [PRU: SS 628] [J] ✘  
*Secamone alpini* Schult. [PRU: GB & SS 1027] [K]  
*S. filiformis* (L.f.) J.H. Ross [PRE] [AF]  
*S. parvifolia* (Oliv.) Bullock [PRU: AW & SS 1378] [ABCDFI]  
*Sisyranthus huttoniae* (S. Moore) S. Moore [PRE] [K]  
*S. randii* S. Moore [PRE] [GH] ✦  
*Stapelia gettliifei* Pott-Leend. [PRE] [B]  
*S. gigantea* N.E. Br. [PRU: SS 1856] [H] N LR  
*Tavaresia barklyi* (Dyer) N.E. Br. [PRE] [A]  
*Tenaris rubella* E. Mey. [PRU: SS 29] [JL]  
*Tylophora flanaganii* Schltr. [PRE] [AB]

#### ASTERACEAE

- Artemisia afra* Jacq. ex Willd. [PRE] [FL] ✦  
*Aspilia mossambicensis* (Oliv.) Wild [PRU: AW & SS 1744] [F]





- Aster bakeranus* Burt Davy ex C.A. Sm. • [PRU: SS 751] [J]  
  *A. comptonii* Lippert [PRE] [K]  
  *A. harveyanus* Kuntze [PRU: SS 793] [GHJK]  
  *A. squamatus* (Spreng.) Hieron.\* [CD]  
*Athrixia arachnoidea* J.M. Wood & M.S. Evans ex J.M. Wood [PRU: GB & SS 1013] [K]  
  *A. elata* Sond. [PRU: SS 401] [FJ]  
  *A. phylloides* DC. [PRU: SS 219] [FHJL]  
*Berkheya densifolia* Bohnen ex Roessler [PRE] [EHJ] ✕  
  *B. echinacea* (Harv.) O. Hoffm. ex Burt Davy subsp. *echinacea* [PRE] [FL]  
  *B. insignis* (Harv.) Thell. [PRU: SS 257] [DFHJKL] [form] ∈  
  *B. mackenii* (Harv.) Roessler [PRE] [I]  
  *B. onopordifolia* (DC.) O. Hoffm. ex Burt Davy var. *onopordifolia* [PRU: GB & SS 1019] [JK]  
  *B. seminivea* Harv. & Sond. [PRU: SS 829] [J]  
  *B. setifera* DC. [PRU: SS 841] [J]  
  *B. zeyheri* (Sond. & Harv.) Oliv. & Hiern subsp. *zeyheri* [PRE] [BL] ◆  
*Bidens bipinnata* L.\* [PRE] [ABDE]  
  *B. pilosa* L.\* [PRU: SS 810] [FJ] ◆  
*Blumea mollis* (D. Don) Merr. [PRE] [F]  
*Brachylaena huilensis* O. Hoffm. [PRE] [AB]  
  *B. ilicifolia* (Lam.) E. Phillips & Schweick. [PRU: AW, SS & ER 13244] [BFGHJL] [form] ∈  
  *B. transvaalensis* E. Phillips & Schweick. [PRE] [ABFHK]  
*Callilepis laureola* DC. [PRU: SS 86] [J]  
  *C. leptophylla* Harv. [PRE] [J] N LR  
*Centaurea species\** [PRE] [F]  
*Chrysanthemoides monilifera* (L.) Norl. subsp. *canescens* (DC.) Norl. [PRU: SS 794] [J]  
  *C. monilifera* (L.) Norl. subsp. *septentrionalis* Norl. [PRE] [GHJ]  
*Cineraria parvifolia* Burt Davy [PRE] [K]  
*Conyza albida* Spreng.\* [PRE] [F]  
  *C. bonariensis* (L.) Cronquist\* [PRE] [F]  
  *C. pinnata* (L.f.) Kuntze [PRE] [GHL]  
  *C. podocephala* DC. [PRU: SS 142] [J]  
  *C. scabrida* DC. [PRU: SS 181] [GHJ]  
  *C. ulmifolia* (Burm. f.) Kuntze [PRE] [GH]  
*Denekia capensis* Thunb. [PRU: AW & SS 13460] [F]  
*Dicoma anomala* Sond. [PRU: AW & SS 12993] [FHJL]  
  *D. galpinii* F.C. Wilson [PRU: AW, SS & YS 1438] [G]  
  *D. gerrardii* Harv. ex F.C. Wilson [PRU: AW, SS & YS 1469] [ABFGH]  
  *D. macrocephala* DC. [PRE] [ACD]  
  *D. tomentosa* Cass. [PRU: SS 271] [BFH]  
  *D. zeyheri* Sond. subsp. *zeyheri* [PRU: SS 160] [JK]  
*Dimorphotheca jucunda* E. Phillips [PRE] [L]  
*Emilia transvaalensis* (Bulus) C. Jeffrey [PRU: SS 426] [CEFGHI]  
*Euryops brevipapposus* M.D. Hend. [PRU: AW & SS 1310] [F]  
  *E. pedunculatus* N.E. Br. [PRE] [F]  
  *E. transvaalensis* Klatt subsp. *setilobus* (N.E. Br.) B. Nord. [PRE] [L]  
*Felicia clavipilosa* Grau subsp. *transvaalensis* Grau [PRU: AW & SS 1351] [BCFHJ]  
  *F. fascicularis* DC. [PRU: SS 301] [H]  
  *F. filifolia* (Vent.) Burt Davy subsp. *filifolia* [PRU: SS 827] [JKL]  
  *F. mossamedensis* (Hiern) Medonca [PRU: AW, SS & YS 1452] [CDEF]  
  *F. muricata* (Thunb.) Nees subsp. *muricata* [PRU: SS 241] [JK]  
*Flaveria bidentis* (L.) Kuntze\* [PRU: SS 338] [BH]  
*Gamochoaeta coarctata* (Willd.) Kerguelen [PRU: SS 800] [J]  
*Gazania krebsiana* Less. subsp. *arctotoides* (Less.) Roessler [PRE] [J]  
  *G. krebsiana* Less. subsp. *serrulata* (DC.) Roessler [PRE] [FL]



- Geigeria burkei* Harv. subsp. *burkei* [PRE] [F]  
*G. filifolia* Mattf. [PRE] [B]  
*G. omativa* O. Hoffm. [PRU: SS 190] [BEJ]  
*Gerbera ambigua* (Cass.) Sch. Bip. [PRE] [K]  
*G. jamesonii* Adlam [PRU: SS 1140] [BFGHJL]  
*G. piloselloides* (L.) Cass. [PRE] [H]  
*G. viridifolia* (DC.) Sch. Bip. subsp. *natalensis* (Sch. Bip.) H.V. Hansen [PRU: GB & SS 1020]  
[K]  
*G. viridifolia* (DC.) Sch. Bip. subsp. *viridifolia* [PRE] [A]  
*Haplocarpha scaposa* Harv. [PRU: AW & SS 1424] [GHJL]  
*Helichrysum adenocarpum* DC. subsp. *adenocarpum* [PRE] [L]  
*H. albilanatum* Hilliard [PRU: SS 756] [JKL] ✗  
*H. argyrolepis* MacOwan [PRE] [L]  
*H. argyrosphaerum* DC. [PRU: SS 1820] [EF] ✦  
*H. aureonitens* Sch. Bip. [PRE] [L]  
*H. aureum* (Houtt.) Merr. [PRE] [L]  
*H. candolleianum* H. Buek [PRU: SS 1709] [EF]  
*H. cephaloideum* DC. [PRU: SS 242] [JL]  
*H. cerastioides* DC. var. *cerastioides* [PRU: AW & SS 13020] [B]  
*H. chrysargyrum* Moeser [PRU: AW & SS 13326] [F]  
*H. confertifolium* Klatt [PRE] [E]  
*H. cooperi* Harv. [PRU: GB & SS 1023] [K]  
*H. coriaceum* Harv. [PRE] [K]  
*H. decorum* DC. [PRE] [GH]  
*H. edwardsii* Wild [PRE] [BF]  
*H. galpinii* N.E. Br. [PRE] [L]  
*H. gerberifolium* Sch. Bip. ex A. Rich. [PRU: SS 1179] [HL]  
*H. harveyanum* Wild [PRU: SS 247] [HJ]  
*H. herbaceum* (Andrews) Sweet [PRU: SS 853] [FJ]  
*H. kraussii* Sch. Bip. [PRE] [GH]  
*H. lepidissimum* S. Moore [PRU: GB & SS 1015] [K]  
*H. lineare* DC. [PRE] [B]  
*H. miconiifolium* DC. [PRE] [L]  
*H. mimetes* S. Moore [PRE] [L]  
*H. mutabile* Hilliard [PRU: SS 849] [J]  
*H. nudifolium* (L.) Less. [PRE] [FGH]  
*H. odoratissimum* (L.) Sweet [PRE] [GH]  
*H. oreophilum* Klatt [PRU: SS 224] [GHJ]  
*H. oxyphyllum* DC. [PRU: SS 45] [J]  
*H. pilosellum* (L.f.) Less. [PRE] [GHL]  
*H. platypterum* DC. [PRE] [L]  
*H. polycladum* Klatt [PRE] [CDL]  
*H. reflexum* N.E. Br. [PRE] [L]  
*H. rudolfii* Hilliard [PRE] [F]  
*H. rugulosum* Less. [PRU: SS 806] [GHJKL]  
*H. setosum* Harv. [PRU: SS 111] [GJK]  
*H. species* [PRE] [BGHL]  
*H. spiralepis* Hilliard & B.L. Burtt [PRE] [L]  
*H. splendidum* Thunb. (Less.) [PRU: AW & SS 13432] [FGHL]  
*H. subglomeratum* Less. [PRE] [L]  
*H. swynnertonii* S. Moore [PRE] [GH]  
*H. thapsus* (Kuntze) Moeser [PRU: SS 836] [J]  
*H. umbraculigerum* Less. [PRE] [E]  
*H. uninervium* Burtt Davy [PRU: AW & SS 12996] [HJ] ✗



- Hirpicium bechuanense* (S. Moore) Roessl. [PRU: AW & SS 1369] [CDFI]  
*Kleinia fulgens* Hook. f. [PRU: AW, SS & YS 1430] [DFI]  
    *K. longiflora* DC. [PRU: AW, SS & ER 13229] [BFHIJK] [form] €  
    *K. stapeliiformis* (E. Phillips) Stapf [PRU: SS 1190] [ACEHJ] €  
*Laggera decurrens* (Vahl) Hepper & Wood [PRU: SS 311] [FH]  
*Litogyne gariiepina* (DC.) Anderb. [PRU: AW & SS 1740] [ABF]  
*Lopholaena coriifolia* (Sond.) E. Phillips & C.A. Sm. [PRU: AW & SS 990] [AFKL]  
    *L. disticha* (N.E. Br.) S. Moore [PRU: SS 845] [J]  
    *L. segmentata* (Oliv.) S. Moore [PRU: RS 2630] [KL]  
*Melanthera tritemata* (Klatt) Wild [PRU: SS 306] [H]  
*Nidorella anomala* Steetz [PRE] [B]  
    *N. auriculata* DC. [PRU: AW & SS 13394] [KL]  
    *N. hottentotica* DC. [PRU: SS 414] [H]  
    *N. resedifolia* DC. subsp. *resedifolia* [PRU: SS 130] [FHJ] ♦  
*Nolletia rarifolia* (Turcz.) Steetz [PRE] [GH]  
*Osteospermum muricatum* E. Mey. ex DC. subsp. *muricatum* [PRE] [IK]  
*Othonna natalensis* Sch. Bip. [PRU: RS 2629] [KL]  
*Pechuel-Loeschea leubnitziae* (Kuntze) O. Hoffm. [PRU: SS 1691] [BE]  
*Pegolettia lanceolata* Harv. [PRU: SS 6] [GHJL] €VU  
    *P. senegalensis* Cass. [PRU: SS & FP 1520] [BF] NLR  
*Philyrophyllum schinzii* O. Hoffm. [PRU: AW, SS & YS 1487] [B]  
*Pluchea dioscoridis* (L.) DC. [PRU: SS 1196] [H]  
*Pseudognaphalium luteo-album* (L.) Hilliard & Burt [PRU: AW & SS 13404] [FJ]  
*Psiadia punctulata* (DC.) Oliv. & Hiem ex Vatke [PRU: SS 343] [ABFHJK] •  
*Pterothrix spinescens* DC. [PRU: AW & SS 13024] [H]  
*Pulicaria scabra* (Thunb.) Druce [PRU: SS 1197] [H]  
*Schistostephium crataegifolium* (DC.) Fenzl ex Harv. [PRU: SS 852] [EJL]  
    *S. hepatalobum* (DC.) Oliv. & Hiem. [PRU: AW & SS 13325] [FGH]  
*Senecio achilleifolius* DC. [PRU: SS 76] [J]  
    *S. barbatus* DC. [PRU: AW & SS 13071] [L]  
    *S. barbertonicus* Klatt [PRE] [FH]  
    *S. conrathii* N.E. Br. [PRE] [KL]  
    *S. coronatus* (Thunb.) Harv. [PRE] [GH]  
    *S. deltoideus* Less. [PRU: AW & SS 13352] [F]  
    *S. erubescens* Aiton var. *erubescens* [PRU: SS 139] [JK]  
    *S. evelyniae* Muschl. [PRE] [D]  
    *S. gerrardii* Harv. [PRU: SS 180] [JL]  
    *S. glaberrimus* DC. [PRE] [L]  
    *S. glanduloso-pilosus* Volkens & Muschl. [PRU: GB & SS 1021] [K]  
    *S. gregatus* Hilliard [PRU: SS 1126] [DL]  
    *S. hieracioides* DC. [PRE] [K]  
    *S. inaequidens* DC. [PRU: AW & SS 13303] [AJ]  
    *S. latifolius* DC. [PRU: SS 60] [FGHJK]  
    *S. lygodes* Hilliard [PRU: SS 140] [J]  
    *S. microglossus* DC. [PRU: SS 66] [GHJL]  
    *S. oxyriifolius* DC. [PRU: SS 834] [J]  
    *S. pleistocephalus* S. Moore [PRU: SS & FP 1602] [FH]  
    *S. polyodon* DC. var. *polyodon* [PRE] [L]  
    *S. pterophorus* DC. [PRE] [GH]  
    *S. retortus* (DC.) Benth. [PRE] [K]  
    *S. scitus* Hutch. & Burt Davy [PRE] [K]  
    *S. serratuloides* DC. [PRE] [L] •  
    *S. speciosus* Willd. [PRE] [FL]



- S. subcoriaceus* Schltr. [PRE] [L]  
*S. venosus* Harv. [PRU: SS 420] [HK]  
*Sonchus oleraceus* L.\* [PRE] [ACEGH]  
*Stoebe vulgaris* Levyns [PRE] [GHL]  
*Stomatanthes africanus* (Oliv. & Hiern) R.M. King & H. Rob. [PRU: GB & SS 1028] [GHK]  
*Tarconanthus camphoratus* L. [PRU: SS 1840] [BEFHL] ♦ ♦  
*Tithonia rotundifolia* (Mill.) Blake\* [PRU: SS & FP 1604] [F]  
*Tolpis capensis* (L.) Sch. Bip. [PRE] [L]  
*Tripteris aghillana* DC. var. *aghillana* [PRU: SS 831] [H]  
*T. auriculata* S. Moore [PRU: AW 13588] [AFJKL]  
*Ursinia nana* DC. subsp. *nana* [PRU: GB & SS 1024] [K]  
*Verbesina encelioides* (Cav.) Benth. & Hook. var. *encelioides*\* [PRU: AW & SS 1734] [F]  
*Vernonia crataegifolia* Hutch. [PRU: AW & SS 13019] [FHI]  
*V. dregeana* Sch. Bip. [PRU: SS 653] [H]  
*V. fastigiata* Oliv. & Hiern [PRU: SS 313] [BEFH] ♦  
*V. galpinii* Klatt [PRU: SS 75] [GHJL]  
*V. hirsuta* (DC.) Sch. Bip. ex Walp. [PRU: SS 844] [FGHJL]  
*V. myriantha* Hook. f. [PRU: AW & SS 13349] [F]  
*V. natalensis* Sch. Bip. ex Walp. [PRE] [GHJ]  
*V. neocorymbosa* Hilliard [PRE] [JK]  
*V. oligocephala* (DC.) Sch. Bip. ex Walp. [PRU: SS 16] [BGHJ] ♦  
*V. poskeana* Vatke & Hildebr. subsp. *botswanica* G.V. Pope [PRE] [H] ♦  
*V. staehelinoides* Harv. [PRE] [AFL]  
*V. steetziana* Oliv. & Hiern [PRE] [CD]  
*V. sutherlandii* Harv. [PRE] [GH]  
*V. tigna* Klatt [PRU: SS 629] [FJK]  
*Xanthium spinosum* L.\* [PRU: SS & FP 1518] [FL]  
*X. strumarium* L.\* [PRE] [F]  
*Zinnia peruviana* (L.) L.\* [PRU: SS 1120] [BEFHJ]

#### BALANITACEAE

- Balanites maughamii* Sprague [PRU: AW, SS & ER 13233] [BEFH] ♦

#### BALSAMINACEAE

- Impatiens hochstetteri* Warb. subsp. *hochstetteri* [PRU: AW & SS 13438] [F]

#### BIGNONIACEAE

- Jacaranda mimosifolia* D. Don\* [PRE] [JK]  
*Kigelia africana* (Lam.) Benth. [PRE] [A]  
*Rhigozum obovatum* Burch. [PRU: SS 1129] [BFH]  
*Tecoma stans* (L.) Juss. ex H.B.K.\* [PRU: JK 26] [F]  
*T. capensis* (Thunb.) Lindl. [PRU: MM 80] [BF]

#### BORAGINACEAE

- Cordia monoica* Roxb. [PRU: SS 1827] [BE]  
*Cynoglossum lanceolatum* Forssk. [PRU: AW & SS 13333] [FJ]  
*Ehretia amoena* Klotzsch [PRU: RS 2800] [HJ]  
*E. rigida* (Thunb.) Druce [PRU: SS 1121] [BFHJ]  
*Heliotropium ciliatum* L. Kaplan [PRE] [F]  
*H. giessii* Friedr.-Holzh. [PRU: AW 13595] [E]  
*H. lineare* (A. DC.) Gürke [PRE] [AB]  
*H. steudneri* Vatke [PRU: AW & SS 13422] [D]  
*H. strigosum* Willd. [PRU: SS 428] [H]  
*Myosotis* species [PRU: AW & SS 13334] [F]



## BRASSICACEAE

- Diplotaxis muralis* (L.) DC.\* [PRE] [B]  
*Heliophila rigidiuscula* Sond. [PRU: SS & WF 971] [J]

## BURSERACEAE

- Commiphora africana* (A. Rich.) Engl. [PRU: SS 1158] [FHI]  
*C. glandulosa* Schinz [PRU: SS 1157] [H]  
*C. marlothii* Engl. [PRU: SS 1160] [ABFH]  
*C. merkeri* Engl. [PRE] [A]  
*C. mollis* (Oliv.) Engl. [PRU: SS 660] [AGHIJ]  
*C. pyracanthoides* Engl. [PRE] [BHJ]  
*C. tenuipetiolata* Engl. [PRE] [BEFH]

## BUXACEAE

- Buxus macowanii* Oliv. [PRU: AW 13049] [EH]

## CACTACEAE

- Opuntia ficus-indica* (L.) Mill.\* [PRE] [BHJ]

## CAMPANULACEAE

- Wahlenbergia androsacea* A. DC. [PRE] [L]  
*W. capillacea* (L.f.) A. DC. subsp. *capillacea* [PRE] [L]  
*W. denticulata* (Burch.) A. DC. [PRE] [CD]  
*W. lycopodioides* Schltr. & Brehmer [PRE] [L]  
*W. squamifolia* Brehmer [PRE] [L]  
*W. undulata* (L.f.) A. DC. [PRU: AW & SS 13402] [JL]  
*W. virgata* Engl. [PRE] [GH]

## CAPPARACEAE

- Boscia albitrunca* (Burch.) Gilg & Gilg-Ben. var. *albitrunca* [PRU: AW, SS & ER 13227] [BFGHJ]  
*B. albitrunca* (Burch.) Gilg & Gilg-Ben. var. *macrophylla* Toelken [PRU: AW, SS & ER 13183] [BH] & VU  
*B. filipes* Gilg. [PRE] [GH]  
*B. foetida* Schinz subsp. *foetida* [PRU: AW, SS & ER 13217] [FI]  
*B. foetida* Schinz subsp. *minima* Toelken [PRE] [BF] R  
*B. foetida* Schinz subsp. *rehmanniana* (Pestal.) Toelken [PRU: SS 1809] [ABFHJ]  
*Cadaba aphylla* (Thunb.) Wild [PRU: AW, SS & ER 13230] [BF]  
*C. natalensis* Sond. [PRE] [AB]  
*C. termitaria* N.E. Br. [PRU: SS 451] [BFGH]  
*Capparis fascicularis* DC. var. *fascicularis* [PRU: SS 1832] [EFJ]  
*C. tomentosa* Lam. [PRU: SS 1831] [E]  
*Cleome angustifolia* Forssk. subsp. *diandra* (Burch.) Kers [PRE] [B]  
*C. angustifolia* Forssk. subsp. *petersiana* (Klotzsch ex Sond.) Kers [PRU: AW & SS 13294] [ABEFGHIJ]  
*C. gynandra* L. [PRE] [ABF]  
*C. hirta* (Klotzsch) Oliv. [PRU: SS 279] [AEGH]  
*C. monophylla* L. [PRU: AW & SS 1368] [BCH]  
*Maerua angolensis* DC. [PRU: SS 1116] [ABDFIJ]  
*M. caffra* (DC.) Pax [PRU: MM 485] [ABJ]  
*M. edulis* (Gilg & Gilg-Ben.) De Wolf [PRU: MM 249] [BF]  
*M. juncea* Pax subsp. *crustata* (Wild) Wild [PRU: MM 307] [AB]  
*M. juncea* Pax subsp. *juncea* [PRU: AW, SS & ER 13188] [G]  
*M. parvifolia* Pax [PRE] [AF]



### CARYOPHYLLACEAE

- Dianthus basuticus* Burt Davy subsp. *basuticus* var. *basuticus* [PRE] [L]  
*D. transvaalensis* Burt Davy [PRU: SS 125] [J]  
*D. zeyheri* Sond. subsp. *natalensis* Hooper [PRE] [L]  
*Silene burchellii* Otth var. *burchellii* [PRU: SS & WF 968] [J] ♦

### CELASTRACEAE

- Cassine aethiopica* Thunb. [PRE] [AFH]  
*Catha edulis* (Vahl) Forssk. & Endl. [PRU: AW, SS & YS 1674] [FGHJ] •  
*C. transvaalensis* Codd [PRU: SS 38] [ABCEFGHJL] ∈ VU  
*Elaeodendron transvaalensis* (Burt Davy) R.H. Archer • [PRU: SS 314] [ABCDEFGHJL]  
*Gymnosporia glaucophylla* [PRU: AW & SS 1736] [CFJ]  
*G. buxifolia* (L.) Szyszyl. [PRU: MM 47 1] [BFHJL]  
*G. mossambicensis* Klotzsch [PRE] [F]  
*G. polyacantha* Szyszyl. [PRE] [ABF]  
*G. senegalensis* (Lam.) Loes. [PRU: SS 1703] [ABEFHJ]  
*G. sp. nov. A* [PRU: AW & SS 1335 1] [FGHJL] ∉ VU  
*G. sp. nov. B* [PRU: SS 458] [FGHJL] ∈  
*G. tenuispina* (Sond.) Marais [PRE] [ABGH]  
*Hippocratea longipetiolata* Oliv. [PRU: SS 946] [ABEGI]  
*Maytenus acuminata* (L.f.) Loes. var. *acuminata* [PRU: AW & SS 13046] [H]  
*M. undata* (Thunb.) Blakelock [PRU: AW & SS 13305] [ABCFHJKL]  
*Pleurostylia capensis* Loes. [PRU: AW, SS & ER 13200] [H]  
*Pterocelastrus echinatus* N.E. Br. [PRU: SS 627] [FGHJL]  
*P. tricuspis* (Lam.) Walp. [PRE] [F]

### CHENOPODIACEAE

- Atriplex semibaccata* R. Br. var. *typica* Aellen [PRU: AW, SS & YS 1492] [B]  
*Chenopodium album* L.\* [PRE] [F]  
*C. giganteum* D. Don\* [PRE] [B]  
*C. murale* L. [PRE] [ABC]  
*Lophiocarpus tenuissimus* Hook. f. [PRU: SS 675] [H]

### CLUSIACEAE

- Hypericum aethiopicum* Thunb. subsp. *sonderi* (Bredell) N. Robson [PRE] [GH]  
*H. lalandii* Choisy [PRU: SS 784] [J]  
*H. revolutum* Vahl [PRE] [GH]  
*H. wilmsii* R. Keller [PRU: AW & SS 13458] [F]

### COMBRETACEAE

- Combretum apiculatum* Sond. subsp. *apiculatum* [PRU: SS 423] [ABFHJ] ♦  
*C. celastroides* Welw. ex G. Lawson subsp. *orientale* Exell [PRE] [AB]  
*C. collinum* Fresen. [PRE] [H]  
*C. erythrophyllum* (Burch.) Sond. [PRE] [AFHJ]  
*C. hereroense* Schinz [PRU: SS 413] [ABFGHJ] ♦  
*C. molle* R. Br. ex G. Don. [PRE] [ABFHJL] ♦  
*C. petrophilum* Retief [PRU: SS 1147] [EF] ∉ R  
*C. zeyheri* Sond. [PRU: AW, SS & YS 1710] [EFGH] ♦  
*Terminalia prunioides* G. Lawson [PRU: SS 605] [BFGH]  
*T. sericea* Burch. ex DC. [PRU: AW, SS & YS 1704] [EF] •

### CONVOLVULACEAE

- Convolvulus natalensis* Bernh. apud O. Krauss var. *natalensis* [PRU: AW & SS 13384] [JL]  
*C. sagittatus* Thunb. [PRU: SS 174] [GHJ]



- Dichondra repens* J.R. & G. Forst. var. *repens* [PRE] [F]  
*Evolvulus alsinoides* (L.) L. var. *linifolius* (L.) Baker [PRU: MM 555] [BF]  
*Ipomoea adenioides* Schinz [PRE] [ABF]  
    *I. albivenia* (Lindl.) Sweet [PRE] [AF]  
    *I. bathycolpos* Hallier f. var. *bathycolpos* [PRU: SS 326] [GH]  
    *I. bathycolpos* Hallier f. var. *sinuatodentata* Hallier f. [PRU: AW & SS 13010] [FGHKL] ∈ LR  
    *I. carnea* Jacq. subsp. *fistulosa* (Mast. ex Choisy) D.F. Austin\* [PRU: SS 1833] [E]  
    *I. coscinosperma* Hochst. ex Choisy [PRU: AW & SS 13009] [H]  
    *I. crassipes* Hook. [PRU: SS 651] [FGHJ]  
    *I. hochstetteri* House [PRE] [ABG]  
    *I. magnusiana* Schinz var. *eenii* (Rendle) A. Meeuse [PRE] [ACE]  
    *I. magnusiana* Schinz var. *magnusiana* [PRU: SS 270] [BCDEFH]  
    *I. obscura* (L.) Ker Gawl. var. *obscura* [PRU: SS 480] [FGHI]  
    *I. oblongata* E. Mey. ex Choisy [PRU: SS 325] [HK]  
    *I. ommaneyi* Rendle [PRU: SS 649] [GH]  
    *I. pellita* Rendle [PRU: SS 860] [J]  
    *I. plebeia* R. Br. subsp. *africana* A. Meeuse [PRE] [A]  
    *I. sinensis* (Desr.) Choisy subsp. *blepharosepala* (Hochst. ex A. Rich.) Verdc. [PRE] [B]  
*Merremia kentrocaulos* (C.B. Clarke) Rendle [PRU: SS 690] [FGH]  
*Seddera capensis* (E. Mey. ex Choisy) Hallier f. [PRU: AW & SS 1335] [BDEHJ]  
    *S. suffruticosa* (Schinz) Hallier f. var. *hirsutissima* Hallier f. [PRU: AW & SS 13039] [BH]  
*Turbina holubii* (Baker) A. Meeuse [PRE] [E] ♦  
    *T. robertsiana* (Rendle) A. Meeuse [PRE] [DF]  
*Xenostegia tridentata* (L.) D.F. Austin & Staples subsp. *angustifolia* (Jacq.) A. Meeuse [PRU: AW & SS 13041] [H] ♦

#### CRASSULACEAE

- Adromischus umbraticola* C.A. Sm. [PRE] [F]  
*Cotyledon barbeyi* Schweinf. ex Baker [PRU: AW & SS 13321] [AFGH]  
    *C. orbiculata* L. var. *oblonga* (Haw.) DC. [PRE] [L] •  
*Crassula acinaciformis* Schinz [PRE] [GH]  
    *C. alba* Forssk. var. *alba* [PRU: SS 105] [J]  
    *C. brevifolia* subsp. *brevifolia* [PRE] [GH]  
    *C. expansa* Dryand. subsp. *fragilis* (Baker) Toelken [PRE] [EF]  
    *C. lanceolata* (Eckl. & Zeyh.) Endl. ex Walp. subsp. *lanceolata* [PRU: AW & SS 13452] [CDFKL]  
    *C. sarcocaulis* Eckl. & Zeyh. subsp. *sarcocaulis* [PRU: SS 790] [FHJKL]  
    *C. setulosa* Harv. var. *deminuta* (Diels) Toelken [PRU: AW & SS 13075] [L]  
    *C. setulosa* Harv. var. *setulosa* [PRE] [CDL]  
    *C. swaziensis* Schönland [PRU: GB & SS 1008] [KL]  
    *C. vaginata* Eckl. & Zeyh. subsp. *vaginata* [PRU: SS 1854] [FKL]  
*Kalanchoe luciae* Raym.-Hamet subsp. *luciae* [PRU: SS 238] [GHJ]  
    *K. paniculata* Harv. [PRU: SS 148] [BEFJ]  
    *K. rotundifolia* (Haw.) Haw. [PRU: SS 764] [HIJL]  
    *K. species* [PRE] [ABH]  
    *K. thyrsiflora* Harv. [PRU: GB & SS 1005] [K]

#### CUCURBITACEAE

- Citrullus lanatus* (Thunb.) Matsum. & Nakai [PRE] [ACE]  
*Coccinia adoensis* (A. Rich.) Cogn. [PRE] [GHJK]  
    *C. rehmannii* Cogn. [PRU: SS 1122] [ABEFJ]  
    *C. sessilifolia* (Sond.) Cogn. [PRE] [FI]  
*Corallocarpus bainesii* (Hook. f.) A. Meeuse [PRE] [B]  
    *C. triangularis* Cogn. [PRE] [I]



- Cucumella cinerea* (Cogn.) C. Jeffrey [PRE] [BE]  
*Cucumis africanus* L.f. [PRU: AW, SS & YS 1453] [BEF]  
    *C. anguria* L. var. *longaculeatus* J.H. Kirkbr. [PRU: SS & FP 1545] [F]  
    *C. hirsutus* Sond. [PRU: AW, SS & YS 1437] [D]  
    *C. melo* L. [PRE] [BDF]  
    *C. metuliferus* Naudin [PRU: AW & SS 998] [H]  
    *C. myriocarpus* Naudin subsp. *myriocarpus* [PRU: SS & FP 1603] [H]  
    *C. zeyheri* Sond. [PRU: SS 141] [CDFGHJ]  
*Kedrostis foetidissima* (Jacq.) Cogn. [PRU: SS 42] [BEHJ]  
    *K. hirtella* (Naudin) Cogn. [PRE] [GH]  
*Lagenaria siceraria* (Molina) Standl. [PRE] [ACE]  
    *L. sphaerica* (Sond.) Naudin [PRE] [AB]  
*Momordica balsamina* L. [PRE] [BDF]  
    *M. cardiospermoides* Klotzsch [PRU: SS & AW 13...] [B]  
*Peponium caledonicum* (Sond.) Engl. [PRE] [BF]  
*Zehneria scabra* (L.f.) Sond. subsp. *scabra* [PRU: AW, SS & YS 1450] [E]

#### DIPSACACEAE

- Cephalaria zeyheriana* Szabo [PRU: SS 842] [CDJKL]  
*Scabiosa columbaria* L. [PRU: SS 137] [GHJ] • ♦

#### DROSERACEAE

- Drosera burkeana* Planch. [PRE] [L]  
    *D. collinsiae* N.E. Br. ex Burt Davy [PRE] [L]  
    *D. dielsiana* Exell & J.R. Laundon [PRE] [L]

#### EBENACEAE

- Diospyros austro-africana* De Winter var. *microphylla* (Burch.) De Winter [PRE] [L]  
    *D. lycioides* Desf. subsp. *guerkei* (Kuntze) De Winter [PRE] [JL]  
    *D. lycioides* Desf. subsp. *lycioides* [PRU: JK 29] [BCDFI]  
    *D. lycioides* Desf. subsp. *nifens* (Harv. ex Hiern) De Winter [PRU: AW & SS 13022]  
        [CDEFGHL]  
    *D. lycioides* Desf. subsp. *sericea* (Bernh.) de Winter [PRU: SS & FP 1570] [FK]  
    *D. mespiliformis* Hochst. ex A. DC. [PRU: SS 1814] [EF]  
    *D. whyteana* (Hiern) F. White [PRU: SS 807] [FGHJL]  
*Euclea crispa* (Thunb.) Guerke subsp. *crispa* [PRU: AW, SS & ER 13205] [ABCFGHJKL]  
    [form] €  
    *E. divinorum* Hiern. [PRU: SS 433] [ABFH] ♦  
    *E. linearis* Zeyh. ex Hiern [PRU: AW & SS 13060] [DFHIJ] [form] € ♦  
    *E. natalensis* A. DC. subsp. *angustifolia* F. White [PRU: SS 1813] [E]  
    *E. schimperi* A. DC. var. *daphnoides* (Hiern) De Winter [PRU: GD 4186] [H]  
    *E. schimperi* A. DC. var. *schimperi* [PRU: SS 1700] [BF]  
    *E. sekhukhuniensis* Siebert, Van Wyk & Retief [PRU: AW & SS 13313] [FHJ] € EN  
    *E. undulata* Thunb. var. *undulata* [PRE] [B] •  
    *E. undulata* Thunb. var. *myrtina* (Burch.) Hiern [PRU: JK 33] [ABFGHIJ]

#### ERICACEAE

- Erica alopecurus* Harv. var. *alopecurus* [PRE] [L]  
    *E. atherstonei* Diels ex Guthrie & Bolus [PRU: SS & WF 977] [IJ]  
    *E. caffrorum* Bolus var. *caffrorum* [PRE] [L]  
    *E. cerinthoides* L. var. *cerinthoides* [PRE] [L]  
    *E. drakensbergensis* Guthrie & Bolus [PRE] [L]





## EUPHORBIACEAE

- Acalypha angustata* Sond. var. *glabra* [PRU: SS 117] [GHJ]  
    *A. caperonioides* Baill. [PRU: SS 15] [GHJL] ♦  
    *A. indica* L. [PRU: AW & SS 1315] [BGJ]  
    *A. peduncularis* E. Mey. ex Meisn. [PRE] [K]  
    *A. punctata* Meisn. [PRU: SS 82] [JK]  
    *A. segetalis* Müll. Arg. [PRE] [B]  
    *A. villicaulis* Hochst. [PRU: SS 99] [JK]  
    *A. wilmsii* Pax ex Prain & Hutch. [PRE] [JK]  
*Adenocline acuta* (Thunb.) Baill. [PRE] [K]  
*Andrachne ovalis* (Sond.) Müll. Arg. [PRU: AW & SS 13450] [F]  
*Bridelia mollis* Hutch. [PRE] [BH]  
*Cephalocroton mollis* Klotzsch [PRE] [E]  
*Chamaesyce hirta* (L.) Millsp. [PRU: JK 111] [F]  
    *C. inaequilatera* (Sond.) Soják [PRE] [F]  
    *C. neopolycnemoides* (Pax & K. Hoffm.) Koutnik [PRE] [E]  
    *C. prostrata* (Aiton) E. Small\* [PRU: MM 819] [B]  
*Clusia affinis* Sond. [PRE] [GHI]  
    *C. monticola* S. Moore [PRE] [GH]  
    *C. pulchella* L. [PRU: AW & SS 13448] [CDFH]  
    *C. virgata* Pax & K. Hoffm. [PRE] [GH]  
*Croton gratissimus* Burch. var. *gratissimus* [PRU: SS 369] [ABFGHJ] ♦ ♦  
    *C. gratissimus* Burch. var. *subgratissimus* (Prain) Burt Davy [PRE] [BCD]  
    *C. megalobotrys* Müll. Arg. [PRU: SS 1817] [EF]  
    *C. menyhartii* Pax [PRU: SS 355] [BHJ]  
*Dalechampia galpinii* Pax [PRU: AW & SS 13051] [H]  
*Euphorbia aëruginea* Schweick. [PRE] [B]  
    *E. bamardii* A.C. White, R.A. Dyer & B. Sloane [PRU: SS & FP 1612] [F] ∈ E VU  
    *E. clavarioides* Boiss. var. *truncata* (N.E. Br.) A.C. White, R.A. Dyer & B. Sloane [PRU: AW, SS & ER 13242] [J]  
    *E. cooperi* N.E. Br. ex Berger var. *cooperi* [PRU: AW, SS & YS 1507] [CG]  
    *E. enormis* N.E. Br. [PRU: SS 328] [ABDFGH] ∉ LR  
    *E. exelsa* A.C. White, R.A. Dyer & B. Sloane [PRE] [BEF]  
    *E. ingens* E. Mey. ex Boiss. [PRE] [HJ]  
    *E. lydenburgensis* Schweick. & Letty [PRU: AW, SS & ER 13215] [EFHIL] ∉ LR  
    *E. maleolens* E. Phillips [PRE] [EF] ∉  
    *E. monteiroi* Hook. f. subsp. *ramosa* L.C. Leach [PRU: SS 342] [AEH] ♦  
    *E. schinzii* Pax [PRU: AW & SS 13316] [FGHJ] [form] ∈ ♦  
    *E. sekukuniensis* R.A. Dyer [PRU: AW, SS & YS 1427] [DFHJ] ∈ R VU  
    *E. sp. nov.* [PRU: AW & SS 13194] [H] ∈  
    *E. tirucalli* L. [PRU: SS 1151] [BEFH]  
*Flueggea virosa* (Roxb. ex Willd.) Voigt subsp. *virosa* [PRU: SS 177] [ABFGHJK]  
*Jatropha gossypifolia* L.\* [PRU: SS 1842] [E]  
    *J. latifolia* Pax var. *angustata* Prain [PRU: SS 35] [FH] ∉ LR  
    *J. latifolia* Pax var. *latifolia* [PRU: SS 239] [BCEFGHJ] ∉ LR  
    *J. schlechteri* Pax [PRE] [B]  
    *J. zeyheri* Sond. var. *zeyheri* [PRU: SS 861] [FJ]  
    *J. zeyheri* Sond. var. *subsimplex* Prain [PRE] [FHJ] ∉  
*Monadenium lugardiae* N.E. Br. [PRU: SS & FP 1613] [F]  
*Phyllanthus burchellii* Müll. Arg. [PRE] [B]  
    *P. glaucophyllus* Sond. [PRU: AW & SS 12991] [BH] ♦  
    *P. incurvus* Thunb. [PRU: SS 406] [BHJ]  
    *P. maderaspatensis* L. [PRE] [B]  
    *P. parvulus* Sond. subsp. *parvulus* [PRU: SS & FP 1561] [BCDH]



- P. parvulus* Sond. subsp. *garipensis*  
*P. sp. nov.* [PRU: SS 470] [ABGH] €  
*Ricinus communis* L.\* [PRE] [F]  
*Spirostachys africana* Sond. [PRU: SS 1837] [ABEFH]  
*Tragia okanyua* Pax [PRU: SS & FP 1534] [F]  
*T. rupestris* Sond. [PRU: SS 386] [BFH]  
*T. sp. nov.* [PRU: SS 1573] [ABGH] €

## FABACEAE

### Caesalpinioidea

- Bauhinia galpinii* N.E. Br. [PRE] [I]  
*B. tomentosa* L. [PRU: SS 444] [BCEFH] [form] €  
*Caesalpinia decapetala* (Roth.) Alston\* [PRU: AW & SS 1307] [F]  
*C. gilliesii* (Wall. Ex Hook.) Benth.\* [PRU: SS 1844] [H]  
*Chamaecrista absus* (L.) Irwin & Barneby [PRU: SS 288] [H]  
*C. biensis* (Steyaert) Lock [PRU: SS 179] [J]  
*C. comosa* E. Mey. var. *capricornia* (Steyaert) Lock [PRU: SS 1194] [JK]  
*C. stricta* E. Mey. [PRU: SS 1193] [CDH]  
*Peltophorum africanum* Sond. [PRU: SS 1138] [BFHIJ] • ♦  
*Schotia brachypetala* Sond. [PRU: AW, SS & ER 13189] [AFGHL] •  
*S. latifolia* Jacq. [PRE] [AB] [form] €  
*Senna bicapsularis* (L.) Roxb.\* [PRU: AW & SS 1317] [G]  
*S. italica* Mill. subsp. *arachoides* (Burch.) Lock [PRU: SS 278] [BFGH]  
*S. occidentalis* (L.) Link\* [PRU: AW & SS 13366] [EF]  
*S. septemtrionalis* (Viv.) Irwin & Barneby\* [PRE] [I]  
*Tylosema fassoglense* (Schweinf.) Torre & Hillc. [PRE] [GI] ♦

### Mimosoidea

- Acacia ataxacantha* DC. [PRE] [AFHJ]  
*A. borleae* Burt Davy [PRE] [L]  
*A. burkei* Benth. [PRU: AW & SS 1743] [FH]  
*A. caffra* (Thunb.) Willd. [PRU: JK 67] [AFHJL]  
*A. dealbata* Link\* [PRU: GB & SS 1003] [K]  
*A. erioloba* E. Mey. [PRE] [E]  
*A. exuvialis* l. Verd. [PRE] [FHI]  
*A. galpinii* Burt Davy [PRE] [FHJ]  
*A. gerrardii* Benth. var. *gerrardii* [PRU: AW & SS 13412] [AFHJ]  
*A. grandicomuta* Gerstner [PRE] [BCDFGHJ]  
*A. karroo* Hayne [PRU: SS 1152] [BFGHIJK] • ♦  
*A. karroo* Hayne [PRU: PS 4] [HIJ] [form] €  
*A. luederitzii* Engl. var. *retinens* (Sim) J.H. Ross & Brenan [PRU: MM 149] [BFHJ]  
*A. mellifera* (Vahl) Benth. subsp. *definens* (Burch.) Brenan [PRE] [B]  
*A. nigrescens* Oliv. [PRE] [BHJ]  
*A. nilotica* (L.) Willd. ex Delile subsp. *kraussiana* (Benth.) Brenan [PRU: AW & SS 13301] [BFH]  
*A. permixta* Burt Davy [PRE] [A]  
*A. robusta* Burch. subsp. *robusta* [PRU: MM 1135] [BCDHK]  
*A. schweinfurthii* Brenan & Exell var. *schweinfurthii* [PRE] [J]  
*A. senegal* (L.) Willd. var. *leiorhachis* Brenan [PRU: SS 607] [ABFHJ]  
*A. senegal* (L.) Willd. var. *rostrata* Brenan [PRE] [ABFJ]  
*A. sieberana* DC. var. *woodii* (Burt Davy) Keay & Brenan [PRU: AW & SS 13369] [K]  
*A. sp. nov.* [PRE: JH pers. comm.] [H]  
*A. swazica* Burt Davy [PRE] [F]  
*A. tenuispina* l. Verd. [PRE] [AB]



- A. tortilis* (Forssk.) Hayne subsp. *heteracantha* (Burch.) Brenan [PRU: JK 32] [BFHIJ]  
*Albizia anthelmintica* (A. Rich.) Brongn. [PRU: AW & SS 1742] [BFHI]  
*Dichrostachys cinerea* (L.) Wright & Arn. subsp. *africana* Brenan & Brummitt [PRU: AW & SS 13304] [BFHJ]  
*Elephantorrhiza burkei* Benth. [PRE] [ABFJ]  
    *E. elephantina* (Burch.) Skeels [PRE] [JKL] ♦ ♦  
    *E. goetzei* (Harms) Harms subsp. *goetzei* [PRU: SS 286] [AH]  
    *E. praefermis* J.H. Ross [PRU: SS 197] [FGHJ] ∈ K LR
- Papilionoideae**
- Abrus laevigatus* E. Mey. [PRU: MM 378] [BFH]  
*Aeschynomene rehmannii* Schinz var. *leptobotrya* (Harms ex Baker f.) J.B. Gillett [PRE] [K]  
*Alysicarpus rugosus* (Willd.) DC. subsp. *perennirufus* J. Léonard [PRE] [K]  
*Argyrobium amplexicaule* (E. Mey.) Dummer [PRU: SS 133] [J]  
    *A. lancifolium* Burt Davy [PRE] [GH] ∉  
    *A. patens* Eckl. & Zeyh. [PRU: SS 436] [H]  
    *A. pauciflorum* Eckl. & Zeyh. var. *pauciflorum* [PRU: AW, SS & YS 1472] [F]  
    *A. speciosum* Eckl. & Zeyh. [PRU: SS 636] [J]  
    *A. transvaalense* Schinz [PRU: AW & SS 1422] [AFGIJ]  
    *A. tuberosum* Eckl. & Zeyh. [PRU: SS 243] [JK]  
    *A. wilmsii* Harms [PRU: AW, SS & ER 13236] [J] ∉ LR  
*Bolusanthus speciosus* (Bolus) Harms [PRE] [ABFHJ] ♦  
*Calpurnia aurea* (Aiton) Benth. [PRU: AW & SS 13354] [F]  
*Crotalaria eremicola* Baker f. subsp. *eremicola* [PRE] [H]  
    *C. doidgeae* I. Verd. [PRU: SS 1810] [E]  
    *C. lotoides* Benth. [PRE] [HJ]  
    *C. monteiroi* Taub. ex Baker f. var. *monteiroi* [PRU: AW & SS 13410] [FJ]  
    *C. monteiroi* Taub. ex Baker f. var. *galpinii* Burt Davy ex I. Verd. [PRE] [ABGHJ]  
    *C. podocarpa* DC. [PRU: SS 692] [H]  
    *C. sphaerocarpa* Perr. ex DC. subsp. *sphaerocarpa* [PRU: AW & SS 1314] [CDEG]  
*Decorsea galpinii* (Burt Davy) Verdc. [PRU: SS 341] [AFH]  
    *D. schlechteri* (Harms) Verdc. [PRU: SS 277] [ABG]  
*Dichilus pilosus* P. Conrath ex Schinz [PRE] [GHL]  
    *D. strictus* E. Mey. [PRU: AW & SS 12985] [FKL]  
*Dolichos falciformis* E. Mey. [PRE] [JK]  
    *D. trilobus* L. subsp. *transvaalicus* Verdc. [PRU: SS 298] [AFGH]  
*Dumasia villosa* DC. [PRU: AW & SS 13358] [F]  
*Eriosema angustifolium* Burt Davy [PRU: AW & SS 13400] [J]  
    *E. cordatum* E. Mey. [PRE] [CDK]  
    *E. ellipticifolium* Schinz [PRE] [K]  
    *E. gunniae* C.H. Stirt. [PRE] [K]  
    *E. kraussianum* Meisn. [PRE] [GHL]  
    *E. psoraleoides* (Lam.) G. Don [PRU: AW & SS 13370] [K]  
    *E. salignum* E. Mey. [PRE] [GHKL]  
*Erythrina lysistemon* Hutch. [PRU: JK 103] [FHJL] ♦  
    *E. zeyheri* Harv. [PRU: SS 1166] [K]  
*Galactia tenuiflora* (Willd.) Wight & Arn. var. *villosa* (Wight & Arn.) Benth. [PRE] [GH]  
*Indigastrium burkeanum* (Benth. ex Harv.) Schrire [PRU: SS 89] [J]  
    *I. costatum* (Guill. & Perr.) Schrire subsp. *macrum* (E. Mey.) Schrire [PRE] [B]  
    *I. parviflorum* (B. Heyne ex Wight & Arn.) Schrire subsp. *parviflorum* [PRU: AW & SS 13398] [J]  
*Indigofera aquae-nitentis* Bremek. [PRU: AW & SS 13379] [J]  
    *I. arrecta* Hochst. ex A. Rich. [PRU: JK 30] [F]  
    *I. circinnata* Benth. ex Harv. [PRU: SS 1198] [BFJ]



- I. comosa* N.E. Br. [PRU: SS 100] [CDJ]  
*I. cryptantha* Benth. ex Harv. var. *cryptantha* [PRE] [F]  
*I. daleoides* Benth. ex Harv. var. *daleoides* [PRE] [CD]  
*I. egens* N.E. Br. [PRU: SS 250] [JL]  
*I. enormis* N.E. Br. [PRU: SS 607] [BH]  
*I. evansiana* Burt Davy [PRU: SS 255] [JK]  
*I. filipes* Benth. ex Harv. [PRE] [CD]  
*I. frondosa* N.E. Br. [PRU: RS 2735] [K]  
*I. hedyantha* Eckl. & Zeyh. [PRE] [L]  
*I. heterotricha* DC. [PRU: SS 667] [ABH] ♦  
*I. hilaris* Eckl. & Zeyh. [PRU: SS 95] [HJ] ♦  
*I. hochstetteri* Baker subsp. *streyana* (Merxm.) A. Schreib. [PRU: AW, SS & YS 1495] [F]  
*I. holubii* N.E. Br. [PRU: SS 205] [BEFJ]  
*I. ingrata* N.E. Br. [PRU: AW & SS 1325] [G]  
*I. longebarbata* Engl. [PRE] [L]  
*I. lydenburgensis* N.E. Br. [PRU: SS 356] [H] †  
*I. melanadenia* Benth. Ex Harv. [PRU: SS 1698] [E]  
*I. mollicoma* N.E. Br. [PRU: SS 1806] [E]  
*I. nebrowiana* J.B. Gillett [PRU: SS 359] [CDHJ]  
*I. reducta* N.E. Br. [PRE] [GH]  
*I. rhytidocarpa* Benth. ex Harv. subsp. *rhytidocarpa* [PRE] [B]  
*I. sanguinea* N.E. Br. [PRU: AW & SS 13076] [GHL]  
*I. schinzii* N.E. Br. [PRE] [L]  
*I. sessilifolia* DC. [PRU: SS 431] [H]  
*I. species* [PRE] [ABFL]  
*I. torulosa* E. Mey. var. *torulosa* [PRE] [F]  
*I. tristoides* N.E. Br. [PRU: SS 94] [BJ]  
*I. trita* L.f. subsp. *subulata* (Vahl ex Poir.) Ali [PRE] [B]  
*I. verrucosa* Eckl. & Zeyh. [PRU: SS 230] [J]  
*I. vicioides* Jaub. & Spach var. *vicioides* [PRU: AW & SS 1327] [G]  
*I. zeyheri* Spreng. ex Eckl. & Zeyh. [PRE] [JK]  
*Lonchocarpus capassa* Rolfe [PRU: SS 1805] [E]  
*Lotononis adpressa* N.E. Br. subsp. *adpressa* [PRU: SS 237] [J]  
*L. calycina* (E. Mey.) Benth. [PRU: SS 115] [CDFJ]  
*L. carinata* (E. Mey.) Benth. [PRE] [GHJKL]  
*L. eriantha* Benth. [PRE] [L]  
*L. foliosa* Bolus [PRU: AW & SS 1309] [F]  
*L. laxa* Eckl. & Zeyh. [PRU: SS 10] [J]  
*L. macrosepala* P. Conrath [PRU: AW & SS 13086] [DL]  
*L. mucronata* P. Conrath [PRE] [L]  
*L. pulchra* Dummer [PRE] [L]  
*L. wilmsii* Dummer [PRU: SS 122] [GHJ] †  
*Lotus discolor* E. Mey. subsp. *discolor* [PRE] [GH]  
*Mundulea sericea* (Willd.) A. Chev. [PRU: JK 107] [BFGHIJ] ♦  
*Neorautanenia amboensis* Schinz [PRU: SS 693] [H]  
*Ormocarpum kirkii* S. Moore [PRU: AW 12986] [DGHL]  
*O. trichocarpum* (Taub.) Engl. [PRU: AW, SS & YS 1461] [AEGH]  
*Otholobium polystictum* (Benth. Ex Harv.) C.H. Stirt. [PRU: AW 13584] [F]  
*O. wilmsii* (Harms) C.H. Stirt. [PRU: SS 625] [JKL]  
*Otoptera burchellii* DC. [PRE] [F]  
*Pearsonia aristata* (Schinz) Dummer [PRU: SS 240] [HJ]  
*P. cajanifolia* (Harv.) Polhill subsp. *cajanifolia* [PRU: SS 828] [J]  
*P. cajanifolia* (Harv.) Polhill subsp. *cryptantha* (Baker) Polhill [PRU: SS & WF 964] [CDGHJKL]



- P. grandifolia* (Bolus) Polhill subsp. *latibracteolata* (Dummer) Polhill [PRE] [L]  
*P. obovata* (Schinz) Polhill [PRE] [E]  
*P. sessilifolia* (Harv.) Dummer subsp. *sessilifolia* [PRU: AW & SS 13399] [JL]  
*P. uniflora* (Kensit) Polhill [PRE] [GH]  
*Ptycholobium contortum* (N.E. Br.) Brummitt [PRU: AW & SS 13417] [BH]  
*P. plicatum* (Oliv.) Harms [PRU: SS 211] [J]  
*Pueraria lobata* (Willd.) Ohwi var. *lobata*\* [PRE] [L]  
*Rhynchosia adenodes* Eckl. & Zeyh. [PRE] [KL]  
*R. albissima* Gand. [PRU: SS 132] [J]  
*R. crassifolia* Benth. [PRE] [I]  
*R. densiflora* (Roth) DC. subsp. *chrysadenia* (Taub.) Verdc. [PRU: SS 1685] [E]  
*R. komatiensis* Harms [PRU: GB & SS 1026] [HJK]  
*R. minima* (L.) DC. var. *minima* [PRE] [BJ]  
*R. minima* (L.) DC. var. *prostrata* (Harv.) Meikle [PRU: SS & FP 1525] [BFJ] ♦  
*R. monophylla* Schltr. [PRE] [BGHL]  
*R. nervosa* Benth. & Harv. var. *nervosa* [PRE] [JL]  
*R. reptabunda* N.E. Br. [PRE] [K]  
*R. sordida* (E. Mey.) Schinz [PRU: SS 261] [JK]  
*R. spectabilis* Schinz [PRU: AW & SS 13002] [FHK] ✕  
*R. toffa* (Thunb.) DC. var. *toffa* [PRU: SS 819] [BJL] ♦  
*Sesbania bispinosa* (Jacq.) W. Wight var. *bispinosa*\* [PRE] [B]  
*S. punicea* (Cav.) Benth.\* [PRU: SS 1128] [D]  
*Sphenostylis angustifolia* Sond. [PRU: SS 113] [HJ]  
*Stylosanthes fruticosa* (Retz.) Alston [PRU: SS 1811] [CDE]  
*Tephrosia burchellii* Burt Davy [PRE] [B]  
*T. capensis* (Jacq.) Pers. [PRE] [GHK]  
*T. elongata* E. Mey. var. *elongata* [PRU: SS 44] [CDJ]  
*T. longipes* Meisn. subsp. *longipes* [PRU: SS 445] [BHJL] ♦  
*T. multijuga* R.G.N. Young [PRE] [F]  
*T. purpurea* (L.) Pers. subsp. *leptostachya* (DC.) Brummitt var. *leptostachya* [PRU: SS 206] [CDEGHJ]  
*T. purpurea* (L.) Pers. subsp. *leptostachya* (DC.) Brummitt var. *pubescens* Baker [PRU: SS 110] [HJ] ♦  
*T. purpurea* (L.) Pers. subsp. *purpurea* [PRE] [J]  
*T. semiglabra* Sond. [PRE] [I]  
*Trifolium africanum* Ser. var. *africanum* [PRE] [J]  
*Vicia sativa* L.\* [PRE] [GH]  
*Vigna frutescens* A. Rich. subsp. *frutescens* var. *frutescens* [PRU: AW & SS 13401] [HJ]  
*V. luteola* (Jacq.) Benth. var. *luteola* [PRU: SS 347] [H]  
*V. unguiculata* (L.) Walp. subsp. *unguiculata* [PRU: SS 404] [EH]  
*V. vexillata* (L.) A. Rich. var. *angustifolia* (Schumach. & Thonn.) Baker [PRE] [I]

#### FLACOURTIACEAE

- Dovyalis caffra* (Hook. f. & Harv.) Hook. f. [PRE] [ACE]  
*D. zeyheri* (Sond.) Warb. [PRE] [CDFGHIJL]  
*Flacourtia indica* (Burm. f.) Merr. [PRU: MM 279] [B]  
*Homalium dentatum* (Harv.) Warb. [PRU: SS 373] [BH]  
*Kiggelaria africana* L. [PRU: AW & SS 13435] [F]  
*Scolopia zeyheri* (Nees) Harv. [PRU: SS 803] [FHJ]  
*Trimeria grandifolia* (Hochst.) Warb. [PRE] [EGH]

#### GENTIANACEAE

- Chironia krebsii* Griseb. [PRE] [L]  
*C. palustris* Burch. subsp. *palustris* [PRE] [L]



- C. palustris* Burch. subsp. *fransvaalensis* (Gilg) Verd. [PRU: SS 70] [FJK]  
*C. purpurascens* (E. Mey.) Benth. & Hook. f. subsp. *humulis* (Gilg) I. Verd. [PRE] [J]  
*Enicostema hyssopifolium* (Willd.) I. Verd. [PRE] [B]  
*Sebaea bojeri* Gseb. [PRE] [E]  
    *S. grandis* (E. Mey.) Steud. [PRE] [EL] ♦  
    *S. leiostyla* Gilg [PRE] [FI]  
    *S. longicaulis* Schinz [PRE] [L]  
    *S. sedoides* Gilg var. *confertiflora* (Schinz) Marais [PRE] [L]  
*Swertia welwitschii* Engl. [PRU: SS 787] [J]

#### GERANIACEAE

- Geranium wakkerstroomianum* R. Knuth [PRU: AW & SS 13440] [FGH]  
*Monsonia angustifolia* E. Mey. ex A. Rich. [PRU: AW, SS & YS 1494] [FL]  
    *M. burkeana* Planch. ex Harv. [PRE] [K]  
    *M. glauca* R. Knuth [PRU: SS & WF 974] [JL]  
    *M. grandifolia* R. Knuth [PRU: SS 798] [J]  
*Pelargonium alchemilloides* (L.) L'Her. [PRU: GB & SS 1000] [K]  
    *P. acraeum* R.A. Dyer [PRU: AW & SS 13331] [F]  
    *P. luridum* (Andr.) Sweet [PRU: AW & SS 13372] [CDKL] •  
    *P. multicaule* Jacq. subsp. *subherbaceum* (R. Knuth) J.J.A. van der Walt [PRE] [L]

#### GESNERIACEAE

- Streptocarpus dunnii* Hook. f. [PRE] [CDL]  
    *S. parviflorus* Hook. f. [PRE] [I]  
    *S. vandeleeunii* Baker f. & S. Moore [PRE] [L]

#### GREYIACEAE

- Greyia radlkoferi* Szyszyl. [PRU: AW & SS 13330] [FJL]

#### ICACINACEAE

- Apodytes dimidiata* E. Mey. ex Arn. subsp. *dimidiata* [PRU: SS 21] [FHJKL] ♦  
*Cassinopsis ilicifolia* (Hochst.) Kuntze [PRU: GB & SS 1034] [GHK]  
*Pyrenacantha grandiflora* Baill. [PRE] [F]

#### ILLECEBRACEAE

- Pollichia campestris* Aiton [PRU: SS 97] [BFHIJL] ♦

#### LAMIACEAE

- Acrotome hispida* Benth. [PRE] [A]  
*Aeollanthus buchnerianus* Briq. [PRU: SS 814] [JK]  
    *A. parvifolius* Benth. [PRE] [CD]  
*Ajuga ophrydis* Burch. ex Benth. [PRE] [L]  
*Becium filamentosum* (Forssk.) Chiov. [PRU: AW & SS 1320] [BFG]  
    *B. obovatum* (E. Mey. ex Benth.) N.E. Br. subsp. *obovatum* var. *obovatum* [PRU: AW & SS 13427] [F]  
    *B. obovatum* (E. Mey. ex Benth.) N.E. Br. subsp. *obovatum* var. *galpinii* (Gürke) N.E. Br. [PRE] [CDJ]  
*Endostemon obtusifolius* (E. Mey. ex Benth.) N.E. Br. [PRU: MM 366] [B]  
    *E. tenuiflorus* (Benth.) M.R. Ashby [PRE] [AB]  
*Geniosporum angolense* Briq. [PRE] [K]  
*Hemizygia albiflora* (N.E. Br.) M.R. Ashby [PRU: AW & SS 13072] [FL]  
    *H. canescens* (Gürke) M.R. Ashby [PRU: AW, SS & YS 1432] [G]  
    *H. obermeyeræ* M.R. Ashby [PRE] [E]  
    *H. petrensis* (Hiem) M.R. Ashby [PRU: SS 120] [CDJ]



- H. pretoriae* (Gürke) M.R. Ashby subsp. *pretoriae* [PRE] [GH]  
*H. rehmannii* (Gürke) M.R. Ashby [PRE] [E]  
*H. sp. nov.* [PRU: SS 615] [FHJ] ∈
- Leonotis leonurus* (L.) R. Br. [PRU: SS 823] [JL] •  
*L. nepetifolia* (L.) R. Br. [PRE] [I]  
*L. ocymifolia* (Burm. f.) Iwarsson var. *ocymifolia* [PRE] [CDFL]  
*L. ocymifolia* (Burm. f.) Iwarsson var. *schinzii* (Gürke) Iwarsson [PRE] [F]
- Leucas capensis* (Benth.) Engl. [PRU: AW & SS 13007] [BFGH] [form] ∈  
*L. glabrata* (Vahl) Sm. var. *glabrata* [PRU: AW & SS 1344] [C]  
*L. glabrata* (Vahl) Sm. var. *linearis* Codd [PRE] [B]  
*L. martinicensis* (Jacq.) R. Br. [PRU: AW, SS & YS 1497] [F]  
*L. neuffizeana* Courbon [PRU: SS & FP 1578] [H]  
*L. sexdentata* Skan [PRU: MM 208] [BFI]
- Mentha aquatica* L. [PRE] [L]  
*M. longifolia* (L.) L. subsp. *polyadena* (Briq.) Briq. • [PRU: SS 130] [JK]  
*Ocimum americanum* L. var. *americanum* [PRU: SS 346] [BFH]  
*O. gratissimum* L. subsp. *gratissimum* var. *gratissimum* [PRU: SS 1680] [FH]
- Orthosiphon amabilis* (Bremek.) Codd [PRE] [F] ∉  
*O. fruticosus* Codd [PRU: AW & SS 12998] [EFGH] ∈ LR  
*O. labiatus* N. E. Br. [PRU: SS 7] [HL]  
*O. pseudoserratus* M.R. Ashby [PRE] [A]  
*O. serratus* Schltr. [PRE] [L]  
*O. suffrutescens* (Thonn.) J.K. Morton [PRU: AW & SS 13042] [EH]  
*O. tubiformis* R.D. Good [PRU: AW, SS & YS 1478] [FGHI] ∉ LR
- Plectranthus cylindraceus* Hochst. ex Benth. [PRU: AW & SS 1416] [GHJ]  
*P. fruticosus* L'Hér. [PRE] [E]  
*P. hadiensis* (Forssk.) Schweinf. ex Spreng. var. *hadiensis* [PRE] [F]  
*P. hadiensis* (Forssk.) Schweinf. ex Spreng. var. *tomentosus* (Benth.) Codd [PRU: SS 415] [GH]  
*P. hadiensis* (Forssk.) Schweinf. ex Spreng. var. *woodii* (Gürke) Codd [PRE] [K]  
*P. laxiflorus* Benth. [PRE] [E]  
*P. madagascariensis* (Pers.) Benth. var. *ramosior* Benth. [PRE] [CD]  
*P. mutabilis* Codd [PRE] [E]  
*P. neochilus* Schltr. [PRU: SS 293] [FJK]  
*P. rubropunctatus* Codd [PRU: SS 769] [J]  
*P. venteri* Van Jaarsv. & Hankey [PRU: SS & FP 1605] [F] ∈ VU  
*P. verticillatus* (L.f.) Druce [PRU: AW, SS & YS 1429] [G]  
*P. xerophilus* Codd [PRU: AW & SS 1415] [AEFGHI] ∉
- Pycnostachys reticulata* (E. Mey.) Benth. [PRU: SS 780] [FJL]  
*Rabdosiella calycina* (Benth.) Codd [PRU: SS 835] [EFJL]  
*Salvia runcinata* L.f. [PRU: AW & SS 13376] [J]  
*S. reflexa* Hornem. [PRU: SS & FP 1523] [F]  
*S. stenophylla* Burch. ex Benth. [PRE] [F]
- Stachys caffra* E. Mey. Ex Benth. [PRU: AW & SS 13343] [F]  
*S. gracilliflora* Presl [PRE] [E]  
*S. natalensis* Hochst. var. *galpinii* (Briq.) Codd [PRU: SS 815] [JL]  
*S. natalensis* Hochst. var. *natalensis* [PRE] [CD]
- Syncolostemon concinnus* N.E. Br. [PRU: SS & WF 976] [JL]  
*Tetradenia brevispicata* (N.E. Br.) Codd [PRU: SS & FP 1599] [BCDFGHK]  
*T. riparia* (Hochst.) Codd [PRU: SS 1812] [EL] •
- Teucrium trifidum* Retz. [PRE] [CDFKL]  
*Tinnea galpinii* Briq. [PRE] [L]  
*T. rhodesiana* S. Moore [PRU: SS 185] [ABCDEFGHJ]



## LINACEAE

*Linum thunbergii* Eckl. & Zeyh. [PRE] [GHL]

## LOBELIACEAE

*Cyphia elata* Harv. var. *elata* [PRU: SS 128] [FHJ]

*C. elata* Harv. var. *glabra* Harv. [PRU: SS 753] [J]

*C. transvaalensis* E. Phillips [PRU: SS 622] [F] ✗

*Lobelia erinus* L. [PRU: SS & FP 1547] [AFL]

*L. flaccida* (Presl) A. DC. subsp. *flaccida* [PRE] [L]

*L. vanreenensis* (Kuntze) K. Schum. [PRU: SS & WF 980] [J]

*Monopsis decipiens* (Sond.) Thulin [PRU: SS 786] [CDJL]

## LOGANIACEAE

*Buddleja auriculata* Benth. [PRU: AW & SS 13355] [FJKL]

*B. salviifolia* (L.) Lam. [PRU: GB & SS 1009] [KL]

*Gomphostigma virgatum* (L.f.) Baill. [PRU: SS 182] [J]

*Nuxia congesta* R. Br. ex Fresen. [PRE] [BHJ]

*N. gracilis* Engl. [PRU: AW & SS 12980] [BFHJKL] ✗ K VU

*Strychnos madagascariensis* Poir. [PRE] [BFH]

*S. pungens* Soler. [PRE] [ACE]

*S. spinosa* Lam. [PRE] [BDFH]

## LORANTHACEAE

*Erianthemum dregei* (Eckl. & Zeyh.) Tiegh. [PRU: SS 163] [BFJ]

*E. ngamicum* (Sprague) Danser [PRE] [BF]

*Phragmanthera glaucocarpus* (Peyr.) Balle [PRE] [I]

*Tapinanthus forbesii* (Sprague) Wiens [PRE] [GH]

*T. leendertziae* (Sprague) Wiens [PRE] [F]

*T. lugardii* (N.E. Br.) Danser [PRU: MM 469] [B]

*T. rubromarginatus* (Engl.) Danser [PRU: AW, SS & ER 13237] [JL]

*T. species* [PRU: JK] [F]

*Tieghemia bolusii* (Sprague) Wiens [PRE] [F]

## LYTHRACEAE

*Nesaea sagittifolia* (Sond.) Koehne var. *sagittifolia* [PRE] [FK]

*N. schinzii* Koehne [PRU: SS 234] [J]

## MALPIGHIACEAE

*Sphedamnocarpus pruniens* (Juss.) Szyszyl. subsp. *galphimiifolius* (Juss.) P.D. de Villiers & D.J. Botha [PRE] [E]

*S. pruniens* (Juss.) Szyszyl. subsp. *pruniens* [PRU: SS 126] [BFHJ] ♦

*Triaspis glaucophylla* Engl. [PRU: SS 210] [ABDFGHJL] ✗

*T. hypericoides* (DC.) Burch. subsp. *nelsonii* (Oliv.) Immelman [PRU: AW & SS 1330] [BFGH]

## MALVACEAE

*Abutilon astro-africanum* Hochr. [PRU: AW 13083] [DFHJ]

*A. grandiflorum* G. Don [PRE] [B]

*A. guineense* (K. Schum.) Baker f. & Exell [PRU: SS 397] [BH]

*A. hirtum* (Lam.) Sweet [PRE] [F]

*A. piloso-cinereum* A. Meeuse [PRE] [A]

*A. pycnodon* Hochr. [PRU: AW & SS 1750] [BF]

*Gossypium herbaceum* L. var. *africanum* (Watt) Vollesen [PRU: SS 453] [BF] N LR

*Hibiscus aethiopicus* L. var. *ovatus* Harv. [PRU: SS 53] [JK]





- H. barnardii* Exell [PRU: AW & SS 1340] [BCEFH] € R LR  
*H. caesius* Garcke [PRE] [B]  
*H. calyphyllus* Cav. [PRU: SS 1119] [HJ]  
*H. cannabinus* L.\* [PRE] [AF]  
*H. coddii* Exell [PRE] [BF]  
*H. engleri* K. Schum. [PRU: AW & SS 1745] [F]  
*H. lunarifolius* Willd. [PRE] [K]  
*H. mastersianus* Hiern [PRE] [A]  
*H. micranthus* L.f. [PRU: SS 352] [BFH]  
*H. palmatus* Forssk. [PRE] [B]  
*H. praeteritus* R.A. Dyer [PRU: SS 281] [BH]  
*H. pusillus* Thunb. [PRU: SS 262] [BJ]  
*H. schinzii* Gürke [PRE] [AB]  
*H. sidiformis* Bail. [PRU: SS 656] [H]  
*H. subreniformis* Burt Davy [PRU: MM 429] [B]  
*H. trionum* L. [PRU: SS 131] [FHJ] ♦  
*H. upingtoniae* Gürke [PRE] [B]  
*H. vitifolius* L. subsp. *vulgaris* Brenan & Exell [PRE] [B]  
*Pavonia burchellii* (DC.) R.A. Dyer [PRU: SS 178] [BHJ]  
*P. columella* Cav. [PRE] [GHIL]  
*P. dentata* Burt Davy [PRE] [ABF]  
*P. senegalensis* (Cav.) Leistner [PRU: SS 1180] [H]  
*Sida cordifolia* L. [PRU: SS 1683] [EK]  
*S. dregei* Burt Davy [PRE] [I]  
*S. ovata* Forssk. [PRE] [B]  
*S. spinosa* L. [PRE] [B]

#### MELASTOMATACEAE

- Dissotis canescens* (E. Mey. ex R.A. Graham) Hook. f. [PRE] [GH]

#### MELIACEAE

- Ekebergia pterophylla* (C. DC.) Hofmeyr [PRE] [GH]  
*Melia azedarach* L.\* [PRE] [HJ] ♦  
*Turraea obtusifolia* Hochst. [PRU: SS 121] [ABFHJ]

#### MENISPERMACEAE

- Antizoma angustifolia* (Burch.) Miers ex Harv. [PRU: AW & SS 13317] [H]  
*Cissampelos torulosa* E. Mey. ex Harv. [PRE] [GH]  
*Stephania abyssinica* (Quart.-Dill. & A. Rich.) Walp. var. *tomentella* (Oliv.) Diels [PRE] [GH]  
*Tinospora fragosa* (L. Verd.) I. Verd. & Troupin [PRU: SS 1148] [ABEF]

#### MESEMBRYANTHEMACEAE

- Delosperma cooperi* (Hook.f.) L. Bolus forma *cooperi* [PRU: SS 1435] [G]  
*D. rileyii* L. Bolus [PRE] [H] €  
*D. zeederbergii* L. Bolus [PRE] [F] €  
*Khadia alticola* Chesselet & H.E.K. Hartmann [PRE] [L]  
*K. beswickii* (L. Bolus) N.E. Br. [PRE] [L]

#### MORACEAE

- Ficus abutilifolia* Miq. [PRU: JK 73] [ABDFHJ]  
*F. capreifolia* Delile [PRE] [I]  
*F. cordata* Thunb. subsp. *salicifolia* (Vahl) O. Berg [PRE] [HL]  
*F. glumosa* (Miq.) Delile [PRU: JK 77] [BDF]  
*F. ingens* (Miq.) Miq. var. *ingens* [PRU: JK 40] [ABCFHJL]



*F. sur* Forssk. [PRU: RS 2797] [BFHJL]  
*F. thonningii* Blume [PRE] [AFHJL]

#### MYRICACEAE

*Morella pilulifera* (Rendle) Killick [PRU: AW & SS 13466] [F]

#### MYROTHAMNACEAE

*Myrothamnus flabellifolius* (Sond.) Welw. [PRU: GB & SS 1004] [BCDFHJKL] •

#### MYRSINACEAE

*Maesa lanceolata* Forssk. [PRE] [GH]  
*Myrsine africana* L. [PRE] [GHJL]  
*Rapanea melanophloeos* (L.) Mez [PRE] [E] • ♦

#### MYRTACEAE

*Heteropyxis natalensis* Harv. [PRE] [FHI] •  
*Syzygium cordatum* Hochst. [PRE] [GHJ] •  
*S. gerrardii* (Harv. ex Hook. f.) Burt Davy [PRE] [E]

#### NYCTAGINACEAE

*Boerhavia cordobensis* Kuntze [PRU: SS 274] [H]  
*B. diffusa* L.\* [PRU: AW & SS 13018] [J]  
*B. erecta* L. [PRU: AW & SS 1341] [B]  
*Commicarpus decipiens* Meikle [PRE] [E]  
*C. pentandrus* (Burch.) Heimerl [PRU: SS & FP 1522] [AF]  
*C. pilosus* (Heimerl) Meikle [PRU: SS 1815] [AHF]  
*C. plumbagineus* (Cav.) Standl. [PRU: MM 417] [B]

#### OCHNACEAE

*Ochna confusa* Burt Davy & Greenway [PRE] [GH]  
*O. inermis* (Forssk.) Schweinf. [PRU: SS 349] [ABEHI]  
*O. serrulata* (Hochst.) Walp. [PRU: AW 12989] [FL]

#### OLACACEAE

*Ximenesia americana* L. [PRU: JK 95] [BFHJ]  
*X. caffra* Sond. var. *caffra* [PRU: SS & WF 1042] [ABDFHJL] ♦

#### OLEACEAE

*Chionanthus foveolatus* (E. Mey.) Stearn var. *foveolatus* [PRE] [FHJL]  
*Jasminum multipartitum* Hochst. [PRU: MM 391] [BFHJL]  
*J. quinatum* Schinz [PRU: AW & SS 13374] [FHIJKL] ✕  
*J. stenolobum* Rolfe [PRE] [A]  
*J. streptopus* E. Mey. var. *transvaalensis* (S. Moore) I. Verd. [PRE] [I]  
*Menodora africana* Hook. [PRU: SS 253] [J]  
*Olea capensis* L. subsp. *enervis* (Harv. ex C.H. Wright) I. Verd. [PRE] [FGHJL]  
*O. europaea* L. subsp. *africana* (Mill.) P.S. Green [PRU: AW, SS & YS 1436] [ABCDEFGH] •  
*Schrebera alata* (Hochst.) Welw. [PRE] [BEI]

#### OLINIACEAE

*Olinia emarginata* Burt Davy [PRU: AW & SS 13403] [JKL]  
*O. rochetiana* Juss. [PRE] [JL]

#### ONAGRACEAE

*Epilobium hirsutum* L. [PRE] [K]



*Oenothera rosea* L'Hér. ex Aiton\* [PRE] [GH]  
*O. tetraptera* Cav.\* [PRU: SS 1167] [GHK]

#### OXALIDACEAE

*Oxalis corniculata* L.\* [PRE] [GH]  
*O. depressa* Eckl. & Zeyh. [PRE] [BCD]  
*O. obliquifolia* Steud. ex Rich. [PRE] [L]  
*O. semiloba* Sond. [PRU: SS 3] [FJ]

#### PAPAVERACEAE

*Argemone ochroleuca* Sweet subsp. *ochroleuca*\* [PRU: SS 1818] [E]

#### PASSIFLORACEAE

*Adenia digitata* (Harv.) Engl. [PRU: SS & FP 1577] [FH]  
*A. fruticosa* Burt Davy subsp. *fruticosa* [PRU: SS 1829] [ABDEFH] ♀  
*A. gummifera* (Harv.) Harms var. *gummifera* [PRE] [B]  
*A. wilmsii* Harms [PRU: AW, SS & YS 1449] [F] ♀ K VU

#### PEDALIACEAE

*Ceratotheca trioba* (Bernh.) Hook. f. [PRU: SS 1804] [AEFHL]  
*Dicerocaryum senecioides* (Klotzsch) Abels subsp. *senecioides* [PRU: AW, SS & YS 1496]  
[CDEFJ]  
*Harpagophytum zeyheri* Decne. subsp. *zeyheri* [PRE] [F]  
*Holubia saccata* Oliv. [PRU: SS & FP 1520] [FG]  
*Pterodiscus ngamicus* N.E. Br. Ex Stapf [PRU: AW & SS 13293] [G]  
*Sesamothamnus lugardii* N.E. Br. Ex Stapf [PRU: AW, SS & ER 13192] [G]  
*Sesamum alatum* Thonn. [PRU: AW & SS 1319] [G]  
*S. triphyllum* Welw. ex Asch. var. *triphyllum* [PRU: SS & FP 1527] [BF]

#### PERIPLOCACEAE

*Cryptolepis oblongifolia* (Meisn.) Schltr. [PRE] [GH]  
*Raphionacme galpinii* Schltr. [PRU: SS 39] [GHJK]  
*R. hirsuta* (E. Mey.) R.A. Dyer ex E. Phillips [PRE] [K]  
*R. procumbens* Schltr. [PRU: SS 324] [FHL]  
*R. velutina* Schltr. [PRE] [F]  
*Stomatostemma monteiroae* (Oliv.) N.E. Br. [PRU: AW & SS 1331] [AG]

#### PIPERACEAE

*Peperomia tetraphylla* (G. Forst.) Hook. & Arn. [PRU: AW & SS 13445] [EF]

#### PITTOSPORACEAE

*Pittosporum viridiflorum* Sims [PRE] [JL] •

#### PLANTAGINACEAE

*Plantago lanceolata* L.\* [PRE] [GH]  
*P. virginica* L.\* [PRE] [L]

#### PLUMBAGINACEAE

*Plumbago zeylanica* L. [PRU: AW, SS & YS 1457] [EFI]

#### POLYGALACEAE

*Polygala gerrardii* Chodat [PRE] [J]  
*P. gracilentia* Burt Davy [PRE] [JK]  
*P. hottentotta* Presl [PRU: AW & SS 1381] [ABEFHJKL] ♦



- P. krumanina* Burch. ex Ficalho & Hiern [PRU: AW & SS 13385] [J]  
*P. leptophylla* Burch. [PRE] [B]  
*P. sphenoptera* Fresen. [PRU: SS 212] [DJ] ♦  
*P. sp. nov.* [PRU: AW & SS 13311] [BFGHJKL] ∈ LR  
*P. uncinata* E. Mey. ex Meisn. [PRU: AW & SS 1380] [BGHJ] ♦  
*P. virgata* Thunb. var. *decora* (Sond.) Harv. [PRU: AW & SS 13439] [FGHI]

#### POLYGONACEAE

- Oxygonum dregeanum* Meisn. subsp. *lanceolatum* Germish. [PRU: SS 650] [HL]  
*O. dregeanum* Meisn. subsp. *swazicum* (Burt Davy) Germish. [PRU: SS 469] [GH]  
*O. sinuatum* (Hochst. & Steud. ex Meisn.) Dammer [PRU: SS & FP 1553] [CDHK]  
*Persicaria lapathifolia* (L.) Gray\* [PRE] [F]  
*Polygonum meisnerianum* Cham. & Schltld. [PRE] [L]  
*Rumex acetosella* L. subsp. *angiocarpus* (Murb.) Murb.\* [PRE] [L]  
*R. crispus* L.\* [PRE] [L]  
*R. dregeanus* Meisn. subsp. *montanus* B.L. Burt [PRE] [L]  
*R. lanceolatus* Thunb. [PRE] [GH] •  
*R. sagittatus* Thunb. [PRU: AW & SS 13360] [FL]

#### PORTULACACEAE

- Portulaca kermesina* N.E. Br. [PRU: AW & SS 1413] [BH]  
*P. oleracea* L. [PRU: MM 610] [B]  
*P. quadrifida* L. [PRU: SS & FP 1557] [BH]  
*Portulacaria afra* Jacq. [PRE] [A]  
*Talinum amotii* Hook. f. [PRU: AW & SS 1316] [BG]  
*T. caffrum* (Thunb.) Eckl. & Zeyh. [PRU: SS 1137] [FH]

#### PRIMULACEAE

- Anagallis huttonii* Harv. [PRU: AW 13578] [F]

#### PROTEACEAE

- Faurea saligna* Harv. [PRE] [FHJL] ♦  
*Protea caffra* Meisn. subsp. *caffra* [PRU: SS 32] [FHJKL] [form] ∈  
*P. parvula* Beard [PRE] [L]  
*P. roupelliae* Meisn. subsp. *roupelliae* [PRU: SS 825] [FGHJL]  
*P. rubropilosa* Beard [PRE] [L]  
*P. welwitschii* Engl. [PRE] [L] ♦

#### PTAEROXYLACEAE

- Ptaeroxylon obliquum* (Thunb.) Radlk. [PRU: AW & SS 13014] [ABCF] •

#### RANUNCULACEAE

- Clematis brachiata* Thunb. [PRU: SS 816] [BFJL]  
*C. oweniae* Harv. [PRE] [F]  
*Knowltonia transvaalensis* Szyszyl. var. *transvaalensis* [PRE] [GH]  
*Ranunculus meyeri* Harv. [PRU: AW & SS 13459] [F]  
*R. multifidus* Forssk. [PRU: SS 1127] [DFGHL]

#### RHAMNACEAE

- Berchemia zeyheri* (Sond.) Grubov [PRE] [ABFHIJ]  
*Helinus integrifolius* (Lam.) Kuntze [PRU: SS 217] [FJ]  
*Phylica paniculata* Willd. [PRU: SS 631] [GHJ]  
*Rhamnus prinoides* L'Hér. [PRU: SS 626] [FGHJ]  
*Ziziphus mucronata* Willd. subsp. *mucronata* [PRU: JK 104] [BFGHIJL] ♦ ♦



## ROSACEAE

- Alchemilla cryptantha* Steud. [PRE] [L]  
    *A. woodii* Kuntze [PRE] [L]  
*Cliffortia linearifolia* Eckl. & Zeyh. [PRE] [GHL]  
*Leucosidea sericea* Eckl. & Zeyh. [PRU: AW & SS 13367] [FL]  
*Prunus africana* (Hook. f.) Kalkman [PRU: AW & SS 13337] [F] •  
*Rosa eglanteria* L.\* [PRU: AW & SS 1407] [L]  
*Rubus ludwigii* Eckl. & Zeyh. subsp. *ludwigii* [PRE] [JL]  
    *R. rigidus* Sm. [PRU: SS 811] [J]

## RUBIACEAE

- Anthospermum rigidum* Eckl. & Zeyh. subsp. *rigidum* [PRE] [FGH]  
    *A. rigidum* Eckl. & Zeyh. subsp. *pumilum* (Sond.) Puff [PRU: SS 134] [FHJ]  
    *A. welwitschii* Hiern [PRU: AW & SS 13437] [FHJK]  
*Canthium mundianum* Cham. & Schlttdl. [PRE] [JK]  
    *C. suberosum* Codd [PRU: SS 164] [FHJL]  
*Catunaregam spinosa* (Thunb.) Tirveng. subsp. *spinosa* [PRE] [AB]  
*Cephalanthus natalensis* Oliv. [PRE] [GHL]  
*Galium capense* Thunb. subsp. *garipense* (Sond.) Puff [PRE] [F]  
*Galopina circaeoides* Thunb. [PRU: SS 813] [J]  
*Gardenia volkensii* K. Schum. subsp. *volkensii* var. *volkensii* [PRU: SS 434] [ABFH]  
*Hyperacanthus amoenus* (Sims) Bridson [PRE] [F]  
*Kohautia amatymbica* Eckl. & Zeyh. [PRU: AW & SS 13371] [K]  
    *K. aspera* (B. Heyne ex Roth) Bremek. [PRE] [B]  
    *K. caespitosa* Schnizl. subsp. *brachyloba* (Sond.) Mantell [PRU: SS 198] [J]  
    *K. cynanchica* DC. [PRU: AW & SS 1366] [BC]  
    *K. subverticillata* (K. Schum.) D. Mantell subsp. *subverticillata* [PRU: SS & FP 1609] [H]  
    *K. virgata* (Willd.) Bremek. [PRU: SS 251] [J]  
*Oldenlandia herbacea* (L.) Roxb. var. *herbacea* [PRE] [CDJL]  
*Otiophora calycophylla* (Sond.) Schltr. & K. Schum. subsp. *calycophylla* [PRE] [K]  
    *O. cupheoides* N.E. Br. [PRE] [E]  
*Pachystigma coeruleum* Robyns [PRE] [GH]  
    *P. macrocalyx* (Sond.) Robyns [PRE] [F]  
*Pavetta eylesii* S. Moore [PRU: AW & SS 1347] [FC]  
    *P. gardeniifolia* A. Rich. subsp. *subtomentosa* K. Schum. [PRE] [L]  
    *P. inandensis* Bremek. [PRU: SS 297] [FH]  
    *P. lanceolata* Eckl. [PRE] [GH]  
    *P. schumanniana* F. Hoffm. ex K. Schum. [PRE] [H]  
    *P. zeyheri* Sond. [PRU: AW, SS & YS 1465] [BEFGHJ] [form] ∈ N LR  
*Pentanisia angustifolia* (Hochst.) Hochst. [PRE] [GHL]  
    *P. prunelloides* (Klotzsch ex Eckl. & Zeyh.) Walp. subsp. *prunelloides* [PRU: AW & SS 1311] [FGHJK] •  
*Plectroniella armata* (K. Schum.) Robyns [PRU: SS 1712] [BEF]  
*Psydrax livida* (Hiern) Bridson [PRU: SS 1711] [EI]  
    *P. obovata* (Eckl. & Zeyh.) Bridson subsp. *obovata* [PRU: SS 165] [HJ]  
*Pygmaeothamnus chamaedendrum* (Kuntze) Robyns var. *chamaedendrum* [PRE] [K]  
*Rothmannia capensis* Thunb. [PRU: AW & SS 13335] [F]  
*Rubia horrida* (Thunb.) Puff [PRU: SS 759] [JK]  
*Spermacoce natalensis* Hochst. [PRE] [GH]  
    *S. senensis* (Klotzsch) Hiern [PRU: SS & FP 1564] [H]  
*Tricalysia capensis* (Meisn. ex Hochst.) Sim var. *galpinii* (Schinz) Robbr. [PRU: MM 468] [B]  
*Vangueria cyanescens* Robyns [PRU: SS 663] [BFH]  
    *V. infausta* Burch. subsp. *infausta* [PRE] [BFGHJL]



## RUTACEAE

- Calodendrum capense* (L.f.) Thunb. [PRU: SS & FP 1607] [CDFJ]  
*Clausena anisata* (Willd.) Hook. f. ex Benth. [PRE] [HJ]  
*Thamnosma africana* Engl. [PRU: SS & FP 1562] [FHIJK]  
*Vepris reflexa* L. Verd. [PRU: AW & SS 13023] [BFGHJ]  
*Zanthoxylum capense* (Thunb.) Harv. [PRE] [FHJL] •

## SALVADORACEAE

- Salvadora australis* Schweick. [PRU: MM 311] [BF]

## SANTALACEAE

- Osyridicarpus schimperianus* (Hochst. ex A. Rich.) A. DC. [PRE] [A]  
*Osyris lanceolata* Hochst. & Steud. [PRU: AW & SS 13425] [AF]  
*O. quadripartita* [PRE] [H]  
*Thesium burkei* A.W. Hill [PRU: SS 647] [HJ]  
*T. costatum* A.W. Hill var. *costatum* [PRU: MM 403] [B]  
*T. gracilarioides* A.W. Hill [PRU: SS 682] [H]  
*T. gracilentum* N.E. Br. [PRU: SS 78] [J] K LR  
*T. lesliei* N.E. Br. [PRE] [JK]  
*T. magalismontanum* Sond. [PRU: SS 248] [JL]  
*T. multiramulosum* Pilg. [PRU: AW & SS 12990] [H] ✕  
*T. rogersii* A.W. Hill [PRE] [K]

## SAPINDACEAE

- Allophytus melanocarpus* (Sond.) Radlk. [PRE] [F]  
*A. transvaalensis* Burt Davy [PRU: AW & SS 13434] [EFHJL]  
*Cardiospermum corindum* L. [PRU: SS 204] [BJ]  
*Dodonaea angustifolia* L.f. [PRU: SS 949] [HJ] •  
*Hippobromus pauciflorus* (L.f.) Radlk. [PRU: JK 36] [ABCDEFGHJL]  
*Pappea capensis* Eckl. & Zeyh. [PRE] [BDFHJ]

## SAPOTACEAE

- Englerophytum magalismontanum* (Sond.) T.D. Penn. [PRE] [BDFGHL] ♦  
*Mimusops zeyheri* Sond. [PRU: AW, SS & YS 1470] [ACEFGHJL]

## SCROPHULARIACEAE

- Alectra sessiliflora* (Vahl.) Kuntze var. *sessiliflora* [SS 782] [JL]  
*A. welwitschii* (Hiern) Hemsl. [PRE] [F]  
*Aptosimum lineare* Marloth & Engl. [SS 290] [BEFGHIJ] ♦  
*A. lugardiae* (N.E. Br.) E. Phillips [AW & SS 1328] [G]  
*Bowkeria cymosa* MacOwan [PRE] [L]  
*Buchnera glabrata* Benth. [SS 779] [JEL]  
*Buttonia superba* Oberm. [SS 299] [BEFH]  
*Craterostigma wilmsii* Engl. ex Diels [SS 792] [JL]  
*Cycnium adonense* E. Mey. ex Benth. subsp. *adonense* [PRE] [GH]  
*C. racemosum* Benth. [PRE] [GH]  
*C. tubulosum* (L.f.) Engl. [AW & SS 13393] [J]  
*Graderia linearifolia* Codd [PRE] [L]  
*Halleria lucida* L. [SS 850] [CDFGHJL]  
*Jamesbrittenia accrescens* (Hiern) Hilliard [PRE] [HJ]  
*J. atropurpurea* (Benth.) Hilliard subsp. *atropurpurea* [PRE] [ABF]  
*J. aurantiaca* (Burch.) Hilliard [PRU: AW & SS 13457] [AFL]  
*J. burkeana* (Benth.) Hilliard [SS 237] [HJ] ♦  
*J. huillana* (Diels) Hilliard [SS 616] [F]



- J. macrantha* (Codd) Hilliard [SS 184] [DEFGHJK] ∈ K LR  
*J. macrantha* (Codd) Hilliard [AW, SS & YS 1664] [J] [white form] ∈  
*J. montana* (Diels) Hilliard [AW & SS 13392] [J]  
*J. silenoides* (Hilliard) Hilliard [AW & SS 1305] [F] N LR  
*J. sp. nov.* [AW & SS 13310] [H] ∈  
*Limosella maior* Diels [AW & SS 13446] [F]  
*Linaria vulgaris* Mill.\* [PRE] [L]  
*Lindernia wilmsii* (Engl. & Diels) Philcox [PRE] [GH]  
*Manulea parviflora* Benth. var. *parviflora* [AW & SS 1301] [CDF]  
*M. rhodantha* Hilliard subsp. *aurantiaca* Hilliard [PRE] [L]  
*Melanospermum transvaalense* (Hiem) Hilliard [PRE] [L]  
*Melasma scabrum* P.J. Bergius [PRE] [L]  
*Mimulus gracilis* R. Br. [PRE] [K]  
*Nemesia zimbabwensis* Rendle [AW & SS 13454] [F] VU  
*Peliostomum leucorrhizum* E. Mey. ex Benth. [PRE] [B]  
*Phygelius aequalis* Harv. ex Hiem [PRE] [GHL]  
*Striga asiatica* (L.) Kuntze (red) [AW & SS 13455] [FJK]  
*S. asiatica* (L.) Kuntze (yellow) [PRU: SS 84] [J]  
*S. bilabiata* (Thunb.) Kuntze [PRU: SS 840] [BGHJKL]  
*S. elegans* Benth. [PRU: AW & SS 13386] [HJ]  
*S. gesnerioides* (Willd.) Vatke ex Engl. [PRE] [BCDGH] ♦  
*Sutera floribunda* (Benth.) Kuntze [PRU: AW & SS 13332] [CDFL]  
*S. neglecta* (J.M. Wood & M.S. Evans) Hiem [PRE] [L]  
*S. species* [PRE] [AL]  
*Teedia lucida* Rudolphi [PRE] [L]  
*Tetraselago wilmsii* (Rolfe) Hilliard & B.L. Burt [PRU: SS 226] [CDJKL]  
*Zaluzianskya elongata* Hilliard & B.L. Burt [PRU: SS 797] [J]

#### SELAGINACEAE

- Hebenstretia angolensis* Rolfe [PRE] [L]  
*H. dura* Choisy [PRU: AW & SS 13329] [EF]  
*H. integrifolia* L. [PRE] [L]  
*Selago capitellata* Schitr. [PRE] [L]  
*S. glabrata* Choisy [PRE] [GHL]  
*S. lydenburgensis* Rolfe [PRU: SS 795] [JL]  
*S. muddii* Rolfe [PRE] [E]  
*Walafrida densiflora* (Rolfe) Rolfe [PRE] [CDL]

#### SIMAROUBACEAE

- Kirkia acuminata* Oliv. [PRE] [F]  
*K. wilmsii* Engl. [PRU: SS 429] [ABCDEFGHJIJ]

#### SOLANACEAE

- Datura stramonium* L.\* [PRE] [BFJ]  
*Lycium cinereum* Thunb. [PRU: AW & SS 1367] [BCEF]  
*Nicotiana glauca* Graham\* [PRU: SS 1816] [BE]  
*Physalis peruviana* L.\* [PRE] [F]  
*Solanum aculeatissimum* Jacq. [PRU: AW & SS 13361] [F]  
*S. coccineum* Jacq. [PRU: AW, SS & YS 1451] [BEFH]  
*S. incanum* L. [PRU: AW & SS 13013] [EFHJ] [form] ≠  
*S. kwebense* N.E. Br. [PRU: SS 1707] [AEF]  
*S. leucophaeum* Dunai [PRE] [FH]  
*S. nigrum* L.\* [PRU: AW, SS & YS 1456] [EF] ♦  
*S. panduriforme* E. Mey. [PRU: SS 264] [BFHJ]



- S. retroflexum* Dunal [PRE] [K]  
*S. nigescens* Jacq. [PRE] [L]  
*S. tomentosum* L. [PRE] [E]  
*Withania somnifera* (L.) Dunal [PRU: AW, SS & YS 1444] [FK] •

#### STERCULIACEAE

- Dombeya autumnalis* I. Verd. [PRU: MM 83] [ABE] ≠ LR  
*D. pulchra* N.E. Br. [PRU: SS 166] [J]  
*D. rotundifolia* (Hochst.) Planch. var. *rotundifolia* [PRE] [BDFHJL] • ♦  
*Hermannia antonii* Verdoorn [PRU: AW & SS 12981] [HJ] ≠  
*H. boraginiflora* Hook. [PRU: AW & SS 12995] [EH]  
*H. cristata* Bolus [PRU: AW & SS 13409] [JK]  
*H. floribunda* Harv. [PRU: SS 372] [CHJ]  
*H. glanduligera* K. Schum. [PRU: SS 360] [ABH]  
*H. lancifolia* Szyszyl. [PRE] [JL]  
*H. modesta* (Ehrenb.) Mast. [PRU: MM 974] [B]  
*H. montana* N.E. Br. [PRE] [L]  
*H. species* [PRE] [ABFL]  
*H. staurostemon* K. Schum. [PRU: AW & SS 13309] [GHL]  
*H. transvaalensis* Schinz [PRE] [L]  
*Melhania acuminata* Mast. var. *acuminata* [PRU: SS 410] [BDHJ]  
*M. acuminata* Mast. var. *agnosta* (K. Schum.) Wild [PRU: SS 289] [H]  
*M. burchellii* DC. [PRU: SS 357] [BH]  
*M. forbesii* Planch. ex Mast. [PRU: SS 348] [AH] ♦  
*M. prostrata* DC. [PRU: SS 213] [AHJ]  
*M. randii* Baker f. [PRU: SS 46] [JK] [form] ∈ K VU  
*M. rehmannii* Szyszyl. [PRU: SS 312] [BCEGH]  
*M. transvaalensis* Szyszyl. [PRE] [A]  
*M. virescens* (K. Schum.) K. Schum. [PRU: MM 433] [BF]  
*Sterculia rogersii* N.E. Br. [PRU: SS 1132] [ABEFH]  
*Waltheria indica* L. [PRU: SS 291] [BEHJ]

#### THYMELAEACEAE

- Dais cotinifolia* L. [PRE] [GH]  
*Gnidia caffra* (Meisn.) Gilg [PRU: AW & SS 12975] [GHJL] [form] ∈  
*G. canoargentea* (C.H. Wright) Gilg [PRE] [L]  
*G. capitata* L.f. [PRU: AW & SS 13395] [GHJKL] ♦  
*G. gymnostachya* (C.A. Mey.) Gilg [PRE] [GHKL]  
*G. polycephala* (C.A. Mey.) Gilg [PRU: SS 1697] [ABE]  
*G. splendens* Meisn. [PRE] [AEL]  
*G. variabilis* (C.H. Wright) E. Phillips [PRU: SS 229] [JL]  
*Peddiea africana* Harv. [PRE] [E]

#### TILIACEAE

- Corchorus asplenifolius* Burch. [PRU: AW & SS 13416] [BEHJ] ♦  
*C. confusus* Wild [PRU: AW & SS 1323] [G]  
*C. tridens* L.\* [PRU: SS & FP 1521] [FH]  
*Grewia bicolor* Juss. [PRU: SS 330] [BGH]  
*G. caffra* Meisn. [PRE] [B]  
*G. flava* DC. [PRU: SS 1136] [BCDFGHJ]  
*G. flavescens* Juss. var. *flavescens* [PRU: SS 942] [BCDEFGJ]  
*G. hexamita* Burret [PRU: SS 948] [GI]  
*G. monticola* Sond. [PRE] [BFHIJ]  
*G. occidentalis* L. [PRU: SS 258] [FGHJL]



- G. species* [PRE] [ABF]  
*G. subspathulata* N.E. Br. [PRU: MM 336] [ABF]  
*G. tenax* (Forssk.) Fiori [PRE] [CD]  
*G. vernicosa* Schinz [PRU: SS 81] [ABCDEFHIJKL] ✘  
*G. villosa* Willd. [PRU: SS 943] [GH]  
*Triumfetta obtusicornis* Sprague & Hutch. [PRE] [L]  
*T. pentandra* A. Rich. [PRE] [K]  
*T. pilosa* Roth var. *tomentosa* Szyszyl. ex Sprague & Hutch. [PRU: SS 236] [FJ]  
*T. sonderi* Ficalho & Hiern [PRU: SS 119] [CDJK]

#### TURNERACEAE

- Piriqueta capensis* (Harv.) Urb. [PRU: SS 684] [H]  
*Triliceras glanduliferum* (Klotzsch) R. Fern. [PRU: SS 655] [H]

#### ULMACEAE

- Celtis africana* Burm. f. [PRE] [FHJL]  
*Chaetacme aristata* Planch. [PRU: AW & SS 13055] [FH]

#### URTICACEAE

- Laportea peduncularis* (Wedd.) Chew subsp. *peduncularis* [PRU: AW & SS 13339] [F]  
*Obetia tenax* (N.E. Br.) Fnis [PRE] [ABFJ]  
*Pouzolzia mixta* Solms [PRU: SS 668] [BDFHJ]  
*Urtica lobulata* E. Mey. ex Blume [PRU: AW & SS 13451] [F]

#### VERBENACEAE

- Chascanum hederaceum* (Sond.) Moldenke var. *hederaceum* [PRE] [A]  
*C. hederaceum* (Sond.) Moldenke var. *natalense* (H. Pearson) Moldenke [PRE] [E]  
*C. incisum* (H. Pearson) Moldenke [PRU: AW & SS 13418] [EH]  
*C. pinnatifidum* (L.f.) E. Mey. var. *pinnatifidum* [PRU: SS 249] [J]  
*Clerodendrum glabrum* E. Mey. var. *glabrum* [PRU: SS & FP 1519] [BFHJ]  
*C. louwalbertsii* P.P.J. Herman [PRU: SS 473] [GHJ]  
*C. myricoides* (Hochst.) Vatke [PRU: SS 402] [BCJK] ♦  
*C. suffruticosum* Gürke [PRU: SS & FP 1563] [CH] [form] ✘  
*C. suffruticosum* Gürke var. *suffruticosum* [PRU: AW & SS 1352] [ABC]  
*C. tematum* Schinz [PRU: AW & SS 13047] [ABDEHL]  
*C. triphyllum* (Harv.) H. Pearson var. *triphyllum* [PRE] [GHJ]  
*Karomia speciosa* (Hutch. & Corbishley) R. Fern. forma *speciosa* [PRU: SS 376] [ABFGHL]  
*Lantana rugosa* Thunb. [PRU: SS 47] [BFHJL]  
*Lippia javanica* (Burm. f.) Spreng. [PRU: PRU: SS 175] [FHJL] • ♦  
*L. rehmannii* H. Pearson [PRU: SS 50] [HJL]  
*L. wilmsii* H. Pearson [PRE] [GH] ♦  
*Premna mooiensis* (H. Pearson) W. Piep. [PRU: AW & SS 13004] [CFH] [form] ✘  
*Priva cordifolia* (L.f.) Druce var. *abyssinica* (Jaub. & Spach) Moldenke [PRE] [I]  
*P. meyeri* Jaub. & Spach var. *meyeri* [AW & SS 1348] [C]  
*Verbena bonariensis* L.\* [PRU: AW & SS 13373] [GHKL]  
*V. venosa* Gillies & Hook.\* [PRE] [L]  
*Vitex obovata* E. Mey. subsp. *wilmsii* (Gürke) C.L. Bredenkamp & D.J. Botha [PRU: AW & SS 13406] [BDFGHIJKL] ✘  
*V. patula* E.A. Bruce [PRE] [A]  
*V. rehmannii* Gürke [PRU: MM 474] [ABCDK]  
*V. zeyheri* Sond. ex Schauer [PRE] [F]

#### VIOLACEAE

- Hybanthus enneaspermus* (L.) F. Muell. [PRE] [BJ]



## VISCACEAE

- Viscum capense* L.f. subsp. *capense* [PRU: AW & SS 12969] [J] •  
*V. combreticola* Engl. [PRE] [CD]  
*V. rotundifolium* L.f. [PRU: SS 804] [ABJ]  
*V. verrucosum* Harv. [PRE] [ACD]

## VITACEAE

- Cissus quadrangularis* L. [PRU: AW, SS & ER 13191] [BFG]  
*Cyphostemma humile* (N.E. Br.) Desc. ex Wild & R.B. Drumm. subsp. *dolichopus* (C.A. Sm.)  
Wild & R.B. Drumm. [PRE] [FGHKL] ♦  
*C. lanigerum* (Harv.) Desc. ex Wild & R.B. Drumm. [PRE] [K]  
*C. oleraceum* (Bolus) J.J.M. van der Merwe [PRU: AW & SS 1343] [CHJ]  
*C. puberulum* (C.A. Sm.) Wild & R.B. Drumm. [PRU: SS 365] [ABJ]  
*C. segmentatum* (C.A. Sm.) J.J.M. van der Merwe [PRE] [B]  
*C. sp. nov. A* [SS 1383] [EFHJ] ∈  
*C. sp. nov. B* [AW 13389] [HJ] ∈  
*C. sp. nov. C* [GD 4142] [IK] ∈  
*C. spinosopilosum* (Gilg & M. Brandt) Desc. [PRU: RS 2818] [IKL]  
*C. subciliatum* (Baker) Desc. ex Wild & R.B. Drumm. [PRE] [I]  
*C. sulcatum* (C.A. Sm.) J.J.M. van der Merwe [PRU: AW & SS 1352] [BCF]  
*C. woodii* (Gilg & M. Brandt) Desc. [PRU: SS 1150] [ABFJ]  
*Rhoicissus rhomboidea* (E. Mey. ex Harv.) Planch. [PRU: AW & SS 13363] [F]  
*R. sekhukhuniensis* Retief, Siebert & Van Wyk [PRU: SS 304] [CDFHJ] ∈ LR  
*R. sp. nov.* [PRU: SS 48] [HJ] ∈  
*R. tomentosa* (Lam.) Wild & R.B. Drumm. [PRU: AW, SS & ER 13199] [BDFHJ] •  
*R. tridentata* (L.f.) Wild & Drum. subsp. *cuneifolia* (Eckl. & Zeyh.) Urton [PRU: AW & SS 12976] [BCDEFGHJKL] • ♦

## ZYGOPHYLLACEAE

- Tribulus terrestris* L. [PRE] [B]  
*T. zeyheri* Sond. subsp. *zeyheri* [AW & SS 1370] [C]
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