

## Flora of the Zuurberg National Park. 2. An annotated checklist of ferns and seed plants

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### ABSTRACT

A checklist of 1 100 plant taxa representing 540 genera and 129 families is given for the Zuurberg National Park (eastern Cape). Annotations include growth form (except in Poaceae and Cyperaceae) and voucher specimen(s). The diversity of the flora is ascribed to the presence of four major phytochoria of southern Africa rather than local endemism.

### UITTREKSEL

'n Kontrolelys van 1 100 planttaksons, wat 540 genusse en 129 families verteenwoordig, word vir die Zuurberg Nasionale Park (Oos-Kaap) aangegee. Groeivorms (behalwe by Poaceae en Cyperaceae) en kontrole-eksemplare word ook aangetoon. Die diversiteit van die flora word toegeskryf aan die teenwoordigheid van vier hoofplante-groeistreke van suidelike Afrika eerder as aan plaaslike endemisme.

### INTRODUCTION

The study area is situated in the eastern Cape, which is known to be a transitional zone of four major phytochoria, namely the Cape, Tongoland-Pondoland, Karoo-Namib and Afromontane regions (Goldblatt 1978; Gibbs Russell & Robinson 1981; Cowling 1983; Lubke *et al.* 1986). Furthermore, five vegetation types are represented in this area. It is therefore of considerable phyto-geographical interest.

The vegetation of the Zuurberg National Park was studied to supply basic data for an inventory. Major vegetation units are described by Van Wyk *et al.* (1988) and all ferns and flowering plants recorded within the boundaries of the Park are listed. No comprehensive studies or systematic collecting work have been done here in the past.

### METHODS

Herbarium specimens were collected on several visits between June 1985 and October 1987. The staff of the National Herbarium and various specialists identified the material. A field herbarium was compiled to provide a permanent record of all plant taxa and to facilitate future studies. Duplicates of the specimens are housed in the Rand Afrikaans University Herbarium (JRAU) and in the National Herbarium (PRE) of the Botanical Research Institute, Pretoria.

The nomenclature and arrangement of the checklist follow Gibbs Russell *et al.* (1985, 1987). Collecting

numbers, all by B-E. & C.M. van Wyk, are shown in italics. Growth forms are mentioned, except in Poaceae and Cyperaceae. Naturalized exotic species are marked with an asterisk. Exact localities are not cited, but all collections are from the following quarter degree square grids: 3325 (Port Elizabeth): –AD, –BC, –BD.

### RESULTS

A total of 1 100 species and infraspecific taxa representing 540 genera and 129 families, was recorded in the study area (Table 1). Naturalized exotic species represent 5,6% of the total flora, a figure much lower than the 10% given by Gibbs Russell & Robinson (1981) for the Albany and Bathurst Districts. The largest families are the Asteraceae (62 genera, 148 species) and the Poaceae (51 genera, 90 species). Nearly all of the largest families of southern Africa (Gibbs Russell 1985) are also present amongst the 50 largest families of the Zuurberg. Only the Mesembryanthemaceae and the Ericaceae are ranked significantly lower in the Zuurberg flora than in the southern African flora as a whole (Gibbs Russell 1985, Table 3).

TABLE 1.—Number of families, genera and species recorded in the Zuurberg National Park

	Families	Genera	Indigenous species	Naturalized exotics
Pteridophyta	11	17	28	0
Gymnospermae	3	3	6	0
Angiospermae				
Dicotyledoneae	97	378	732	56
Monocotyledoneae	18	142	272	6
			1 037	62
Total	129	540	1 100	

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TABLE 2.—Comparison of the flora of the Zuurberg National Park with other southern African floras (data from Gibbs Russell 1985)

	No. of vegetation types	Families	Genera	Spp. and infrasp. taxa	Spp. per genus	Area (km <sup>2</sup> )	Taxa per km <sup>2</sup>
Zuurberg	5	129	540	1 100	2,04	208	5,29
Cape Peninsula	1	129	699	2 622	3,75	470	5,58
Lesotho	4	113	554	1 591	2,87	30 276	0,05
Swaziland	3	147	796	2 162	2,72	17 363	0,12
Southern Africa	28	234	2 376	23 250	9,79	2 573 000	0,01

The diversity of the flora is compared to other southern African floras in Table 2. The Zuurberg National Park is much smaller than the other areas mentioned in Table 2. However, more vegetation types are represented than in the other regional floras mentioned (Van Wyk *et al.* 1988) and a comparable number of families and genera is present. Although the number of species per km<sup>2</sup> is very high, the total number of species and the species/genus ratio are lower. Endemic genera typically have high species/genus ratios. A mean of 8,6 for all endemic genera in southern Africa is given by Gibbs Russell & Robinson (1981). A lack of distribution records from many of the quarter degree grid squares of the eastern Cape makes it very difficult to accurately assess the degree of endemism. Lubke *et al.* (1986) have concluded that endemism in the eastern Cape is relatively low compared to other centres. Their results have indicated that most endemics (61) are from the thicket vegetation of the Tongaland-Pondoland region, with the Cape region (59) a close second. The diversity of the flora of the Zuurberg National Park is ascribed not so much to endemism or to a large number of species, but rather to the presence of five vegetation types and the relatively high number of higher order taxa (families and genera), each of which contribute a relatively low number of species.

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## CHECKLIST

The nomenclature and arrangement of the checklist follow Gibbs Russell *et al.* (1985, 1987). Collecting numbers, all by B. & M. van Wyk, are shown in italics. Growth forms are mentioned, except in ferns, Poaceae and Cyperaceae. Naturalized exotic species are marked with an asterisk. Exact localities are not cited, but all collections are from the following quarter degree square grids: 3325 (Port Elizabeth): –AD, –BC, –BD.

## PTERIDOPHYTA

## EQUISETACEAE

*Equisetum ramosissimum* Desf., 1963

## OSMUNDACEAE

*Todea barbara* (L.) T. Moore, 2173

## SCHIZAEACEAE

*Mohria caffrorum* (L.) Desv., 231, 340

*Schizaea pectinata* (L.) Swartz, 183, 1283, 1517

## DENNSTAEDTIACEAE

*Pteridium aquilinum* (L.) Kuhn subsp. *aquilinum*, 228a

## ADIANTACEAE

## Adiantum

*capillus-veneris* L., 326

*raddianum* Presl, 331

## Cheilanthes

*capensis* (Thunb.) Swartz, 1378

*concolor* (Langsd. & Fisch.) Schelpe & N.C. Anthony, 777, 1088

*hirta* Swartz, 1768, 1886

*multifida* (Swartz) Swartz var. *multifida*, 1238

*parviloba* (Swartz) Swartz, 482, 1086

*viridis* (Forssk.) Swartz

var. *macrophylla* (Kuntze) Schelpe & N.C. Anthony, 334

var. *viridis*, 369, 642, 695, 1083, 1087

Pellaea calomelanos (Swartz) Link, 703, 964  
Pteris dentata Forssk., 337

## POLYPODIACEAE

Pleopeltis macrocarpa (Bory ex Willd.) Kaulf., 749, 1084

## ASPLENACEAE

Asplenium  
lunulatum Swartz, 349, 795, 1655  
rutifolium (Berg.) Kunze, 177  
splendens Kunze, 350  
Ceterach cordatum (Thunb.) Desv., 339, 1356

## THELYPTERIDACEAE

Thelypteris bergiana (Schlecht.) Ching, 769

## LOMARIOPSIDACEAE

Elaphoglossum acrostichoides (Hook. & Grev.) Schelpe, 1085

## ASPIDACEAE

Dryopteris inaequalis (Schlecht.) Kuntze, 347  
Rumohra adiantiformis (G. Forst.) Ching, 168

## BLECHNACEAE

Blechnum  
australe L. var. australe, 766, 1240  
capense (L.) Schlecht., 765, 2171  
punctulatum Swartz var. punctulatum, 352, 1239

## GYMNOSPERMAE

## ZAMIACEAE

Encephalartos  
caffer (Thunb.) Lehm., shrub, 2161  
lehmannii Lehm., shrub, 626  
longifolius (Jacq.) Lehm., small tree, 233

## PODOCARPACEAE

Podocarpus  
falcatus (Thunb.) R. Br. ex Mirb., tree, 753  
latifolius (Thunb.) R. Br. ex Mirb., tree, 82

## CUPRESSACEAE

Widdringtonia nodiflora (L.) Powrie, shrub or small tree, 200

## ANGIOSPERMAE — MONOCOTYLEDONEAE

## TYPHACEAE

Typha capensis (Rohrb.) N.E. Br., forb, 1629

## POTAMOGETONACEAE

Potamogeton thunbergii Cham. & Schlecht., aquatic forb, 238

## APONOGETONACEAE

Aponogeton desertorum Zeyh. ex Spreng. f., aquatic forb, 1985

## POACEAE

Hemarthria altissima (Poir.) Stapf & C.E. Hubb., 1984  
Elyonurus muticus (Spreng.) Kunth, 1095b, 1120, 1287  
Miscanthus  
erectus (Stent & C.E. Hubb.) ined., 1480  
sorghum (Nees) Pilg., 1584  
Andropogon appendiculatus Nees, 1054, 1277  
Cymbopogon  
plurinodis (Stapf) Stapf ex Burtt Davy, 867  
validus (Stapf) Stapf ex Burtt Davy, 707, 1196, 1200, 1318  
Hyparrhenia  
anamesa Clayton, 639, 1197  
hirta (L.) Stapf, 1141  
Trachypogon spicatus (L. f.) Kuntze, 1100  
Heteropogon contortus (L.) Roem. & Schult., 669, 999, 1099  
Diheteropogon filifolius (Nees) Clayton, 656, 1105, 1199  
Themeda triandra Forssk., 673  
Digitaria  
eriantha Steud., 997, 1320, 1392  
monodactyla (Nees) Stapf, 974, 1014, 1095a, 1424  
natalensis Stent, 1126  
Alloteropsis semialata (R. Br.) Hitchc. subsp. eckloniana (Nees)  
Gibbs Russell, 611, 983, 1108

## Brachiaria

arrecta (Dur. & Schinz) Stent, 1587b  
serrata (Thunb.) Stapf, 995, 1143, 1340

## Paspalum

dilatatum Poir., 1046, 1109\*  
paspaloides (Michx.) Scribn., 1587a  
scrobiculatum L., 1043  
Urochloa panicoides Beauv., 1764, 1941  
Echinochloa crus-galli (L.) Beauv., 1955  
Oplismenus sp., 1090, 1898

## Panicum

coloratum L. var. coloratum, 1741  
deustum Thunb., 760, 978, 1398  
ecklonii Nees, 1717  
gilvum Lauernt, 1042, 1586  
maximum Jacq., 963, 989, 1142, 1360, 1548  
subalbidum Kunth, 2033

## Setaria

lindenberiana (Nees) Stapf, 891, 1323  
sphacelata (Schumach.) Moss  
var. sphacelata, 1366  
var. torta (Stapf) Clayton, 965, 1198  
Rhynchelytrum nerviglume (Franch.) Chiov., 218, 675, 969, 1503  
Pennisetum macrourum Trin., 1220, 1988  
Cenchrus ciliaris L., 1821  
Ehrharta  
calycina J.E. Sm. var. calycina, 1185, 1202b  
erecta Lam. var. erecta, 1203, 1268  
ramosa (Thunb.) Thunb. var. ramosa, 1223, 1276  
cf. longifolia Schrad., 1274

## Phalaris

arundinacea L., 1978\*  
minor Retz, 1918\*  
Arundinella nepalensis Trin., 2148  
Tristachya leucothrix Nees, 667, 998  
Helictotrichon hirtulum (Steud.) Schweick., 1053, 1102, 1265  
Merxmuellera  
arundinacea (Berg.) Conert, 1836  
disticha (Nees) Conert, 2101  
stricta (Schrad.) Conert, 865, 2053, 2102  
Karoochloa curva (Nees) Conert & Turpe, 1357

## Pentastichis

ampla (Nees) McClean, 1060  
angustifolia (Nees) Stapf, 1028, 1101, 1155, 1186, 1254, 1273  
curvifolia (Schrad.) Stapf, 1263, 1264  
eristoma (Nees) Stapf, 1316, 1837  
Phragmites australis (Cav.) Steud., 1989  
Agrostis lachnantha Nees var. lachnantha, 763a, 889  
Polypogon monspeliensis (L.) Desf., 888\*

## Aristida

congesta Roem. & Schult. subsp. barbicollis (Trin. & Rupr.) De Winter, 1847  
diffusa Trin. subsp. burkei (Stapf) Meld., 863, 987, 1328  
junciformis Trin. & Rupr. subsp. junciformis, 1510  
Stipa dregeana Steud. var. elongata (Nees) Stapf, 967, 1149, 1408, 1652

Tragus berteronianus Schult., 1363

## Sporobolus

africanus (Poir.) Robyns & Tournay, 1050  
centrifugus (Trin.) Nees, 2108  
fimbriatus (Trin.) Nees var. fimbriatus, 1153, 1359  
mauritanus (Steud.) Dur. & Schinz, 2068, 2105  
natalensis (Steud.) Dur. & Schinz, 1029  
nitens Stent, 1386

## Eragrostis

capensis (Thunb.) Trin., 471, 709, 742, 1271  
cilianensis (All.) F.T. Hubb., 1399, 1416  
curvula (Schrad.) Nees, 980, 1032, 1148, 1746  
obtusata Munro ex Fical. & Hiern, 1093, 1145, 1391  
plana Nees, 1065  
planiculmis Nees, 242, 1052, 1057, 1218, 1221  
racemosa (Thunb.) Steud., 281, 1037, 1098  
Microchloa caffra Nees, 1269  
Cynodon dactylon (L.) Pers., 1048, 1106, 1107, 1255  
Harpochloa falx (L. f.) Kuntze, 1187  
Eleusine coracana (L.) Gaertn. subsp. africana (K.-O'Byrne) Hilt & De Wet, 1942

Triraphis andropogonoides (Steud.) Phill., 1317

Koeleria capensis (Steud.) Nees, 1272, 1970, 1980

Melica racemosa Thunb., 994, 1202a, 1545

Schismus barbatus (Loefl. ex L.) Theill., 923

*Poa binata* Nees, 2100

**Festuca**

*costata* Nees var. *costata*, 2098  
*scabra* Vahl, 1665, 1723

*Bromus unioloides* H. B. K., 1266, 1904, 1959\*

*Brachypodium flexum* Nees, 262

*Lolium rigidum* Gaudin, 1950\*

**CYPERACEAE**

*Carpha glomerata* (Thunb.) Nees, 1233

**Cyperus**

*albobstriatus* Schrad., 230, 972, 1939  
*denudatus* L. f., 1044, 1585  
*difformis* L., 1396  
*marginatus* Thunb., 929, 1806  
*obtusiflorus* Vahl var. *sphaerocephalus* (Vahl) Kuekenh., 1056  
*pulcher* Thunb., 1777, 1778  
*rubicundus* Vahl, 1393  
*sphaerospermus* Schrad., 1946  
*tenellus* L. f. var. *tenellus*, 2037b  
*textilis* Thunb., 322  
*usitatus* Burch., 1394

*Pycurus polystachyos* (Rottb.) Beauv., 1613

**Mariscus**

*dregeanus* Kunth, 1138  
*indecorus* (Kunth) Podlech, 990  
*solidus* (Kunth) ined.  
var. *solidus*, 1792  
var. *involutus* (C.B. Cl.) ined., 1121  
*tabularis* (Schrad.) C.B. Cl. subsp. *major* (Nees) ined., 1397, 1770  
*uitenhagensis* Steud., 977  
*usitatus* (Burch.) ined. var. *usitatus*, 1394

**Ficinia**

*albicans* Nees, 1827  
*quinguangularis* Boeck., 1846  
*sylvatica* Kunth, 1889

*Fuirena hirsuta* (Berg.) P.L. Forbes, 1579, 1956, 2143

*Schoenoplectus paludicola* (Kunth) Falla ex J. Raynal, 232, 2031

**Isolepis**

*cernua* (Vahl) Roem. & Schult., 896  
*ludwigii* Kunth, 1673  
*prolifer* R. Br., 783  
*sepulcralis* Steud., 214, 881, 2037a

*Eleocharis dregeana* Steud., 2032

*Fimbristylis complanata* (Retz.) Link, 1047

**Bulbostylis**

*contexta* (Nees) Bodard, 1000, 1097  
*humilis* (Kunth) C.B. Cl., 1003

*Abildgaardia ovata* (Burm. f.) Kral., *Ferniebrae* plot A1

**Tetraria**

*bromoides* (Lam.) Pfeiffer, 2158  
*compressa* Turrill, 264  
*cuspidata* (Rottb.) C.B. Cl., 357, 677, 744  
*fourcadei* Turrill & Schonl., 2058  
*pubescens* Schonl. & Turrill, 1519  
*secans* C.B. Cl., 1520  
sp. nov., 1499

**Schoenoxiphium**

*lehmannii* (Nees) Steud., 1735  
*rufum* Nees, 2179  
*sparteum* (Wahlenb.) C.B. Cl., 1049, 1506, 1471

**Carex**

cf. *aethiopica* Schkuhr, 1631  
*clavata* Thunb., 1979

**ARACEAE**

*Zantedeschia aethiopica* (L.) Spreng., forb, 752a

**LEMNACEAE**

*Lemna gibba* L., aquatic forb, 934a  
*Wolffia arrhiza* (L.) Horkel ex Winn., aquatic forb, 934b

**RESTIONACEAE**

*Ischyrolepis sieberi* (Kunth) Linder, 2059, 2060, 2167

*Elegia vaginulata* Mast., 1521

**Restio**

*sejunctus* Mast., 1515  
*triticeus* Rothb., 9, 267, 359  
*Calopsis paniculata* (Rottb.) Desv., 2157

**Rhodocoma**

*capensis* Nees ex Steud., 125, 179, 1338, 1727, 2047  
*fruticosa* (Thunb.) Linder, 420, 1728  
*Cannomois virgata* (Rottb.) Steud., 2046  
**Hypodiscus**  
*striatus* (Kunth) Mast., 268, 762, 768, 1514  
*synchroolepis* (Steud.) Mast., 236  
sp., 2182

**COMMELINACEAE**

**Commelina**

*africana* L.  
var. *africana*, forb, 1658  
var. *krebsiana* (Kunth) C.B. Cl., forb, 944  
var. *lancispatha* C.B. Cl., forb, 946, 1390  
*benghalensis* L., forb, 948  
*eckloniana* Kunth, forb, 1079, 1384  
*Cyanotis speciosa* (L. f.) Hassk., forb, 992, 1286, 1379

**JUNCACEAE**

*Prionium serratum* (L. f.) Drège ex E. Mey., large tuft, 2142

**Juncus**

*capensis* Thunb., tuft, 937  
*exsertus* Buchen., tuft, 892  
*lomatophyllus* Spreng., tuft, 1628  
*oxycarpus* E. Mey. ex Kunth, tuft, 1765, 2034

**LILIACEAE**

**Bulbine**

*abyssinica* A. Rich., succulent, 1068  
*asphodeloides* (L.) Willd., succulent, 1677  
*filifolia* Bak., forb, 1176  
*frutescens* (L.) Willd., succulent, 323, 2150  
cf. *lagopus* (Thunb.) N.E. Br., succulent, 2111  
*latifolia* (L. f.) Roem. & Schult., succulent, 134

**Trachyandra**

*affinis* Kunth, forb, 2177  
*asperata* Kunth.  
var. *macowanii* (Bak.) Oberm., forb, 1661  
var. *stenophylla* (Bak.) Oberm., forb, 1055  
*giffenii* (Leighton) Oberm., forb, 1795  
*saltii* (Bak.) Oberm. var. *saltii*, forb, 1707

*Anthericum* sp., forb, 2177

**Chlorophytum**

*capense* (L.) Voss, forb, 1122  
*comosum* (Thunb.) Jacq., forb, 1760, 1897  
*Caesia contorta* (L. f.) Dur. & Schinz, forb, 1013  
*Schizobasis intricata* (Bak.) Bak., geophyte, 1313, 1541

**Eriosperrum**

*dyeri* Marloth ex Archib., geophyte, 1312  
sp. cf. *E. occultum* Archib., geophyte, 1475, 1022b, 2125  
*Kniphofia* cf. *uvaria* (L.) Hook., forb, 370, 1429

**Aloe**

*ferox* Mill., large succulent, 156  
*microcantha* Haw., succulent, 1224, 2156  
*pluridens* Haw., large succulent, 1644  
*speciosa* Bak., large succulent, 710  
*striata* Haw., succulent, 621  
*tenuior* Haw., scandent succulent, 40, 405

*Gasteria* sp., succulent, 2023

**Haworthia**

*angustifolia* Haw., succulent, 693, 1249, 1311  
*cooperi* Bak. var. *cooperi*, succulent, 623, 734  
*glauca* Bak. var. *glauca*, succulent, 732  
*reinwardtii* (Salm-Dyck) Haw.  
var. *reinwardtii*, succulent, 485  
cf. var. *brevicula* G. G. Sm., succulent, 1546  
*Agapanthus praecox* Willd. subsp. *minimus* (Lindl.) Leighton, forb, 637, 1458

**Tulbaghia**

*cernua* Ave-Lall., geophyte, 1127, 1726  
*violacea* Harv., forb, 1531

**Albuca**

sp. cf. *A. macowanii* Bak., geophyte, 691, 2151  
sp., geophyte, 2107

*Urginea altissima* (L. f.) Bak., geophyte, 1423h, 1742

**Drimia**

*anomala* (Bak.) Benth., geophyte, 1843  
*capensis* (Burm. f.) Wijnands, geophyte, 1315  
sp., geophyte, 2011

Rhadamanthus sp. nov.?, geophyte, 1858  
 Dipcadi viride (L.) Moench, geophyte, 722, 2003  
 Litanthus pusillus Harv., geophyte, 1571  
 Scilla nervosa (Burch.) Jessop, geophyte, 1010  
 Eucomis autumnalis (Mill.) Chitt. subsp. autumnalis, geophyte, 2126

Ornithogalum  
 anguinum Leighton ex Oberm., geophyte, 1653  
 conicum Jacq. subsp. conicum, geophyte, 1722  
 juncifolium Jacq., geophyte, 1022a, 1188, 1842  
 rogersii Bak., geophyte, 1890

Ledebouria  
 revoluta (L. f.) Jessop, geophyte, 1690  
 undulata (Jacq.) Jessop, geophyte, 692  
 Veltheimia bracteata Harv. ex Bak., geophyte, 1801, 2202  
 Sansevieria hyacinthoides (L.) Druce, forb, 630

Protasparagus  
 aethiopicus (L.) Oberm., climber, 536, 1636  
 burchellii (Bak.) Oberm., forb, 561  
 capensis (L.) Oberm., forb, 406  
 crassicaudus (Jessop) Oberm., climber, 578, 806  
 densiflorus (Kunth) Oberm., forb, 521, 676  
 divaricatus Oberm., forb, 415  
 laricinus (Burch.) Oberm., forb, 646  
 macowanii (Bak.) Oberm., forb, 408, 1593  
 multiflorus (Bak.) Oberm., climber, 1614  
 setaceus (Kunth) Oberm., climber, 112, 341  
 striatus (L. f.) Oberm., forb, 116, 235, 519  
 suaveolens (Burch.) Oberm., forb, 88, 364  
 subulatus (Thunb.) Oberm., forb, 555  
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 Behnia reticulata (Thunb.) Didr., forb, 69

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Lanaria lanata (L.) Dur. & Schinz, forb, 1034

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Haemanthus albiflos Jacq., geophyte, 162, 1575  
 Scadoxus puniceus (L.) Friis & Nordal, geophyte, 1229  
 Boophane disticha (L. f.) Herb., geophyte, 694  
 Nerine undulata (L.) Herb. complex, geophyte, 1625  
 Brunsvigia grandiflora Lindl., geophyte, 1470  
 Cyrtanthus sanguineus (Lindl.) Walp., geophyte, 2016

#### HYPOXIDACEAE

Empodium sp., geophyte, 1489

#### Hypoxis

angustifolia Lam. var. buchananii Bak., geophyte, 1944  
 hemerocallidea Fisch. & Mey., geophyte, 1008  
 longifolia Bak., geophyte, 1250, 1257  
 obtusa Burch. ex Edwards, geophyte, 862a  
 rigidula Bak. var. rigidula, geophyte, 1036, 2039  
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 Dietes iridioides (L.) Sweet ex Klatt, forb, 1761  
 Bobartia orientalis J.B. Gillett subsp. orientalis, forb, 379, 2113  
 Aristeia  
 anceps Eckl. ex Klatt, forb, 1020, 1245  
 cognata N.E. Br. ex Weim., forb, 1247  
 ecklonii Bak., forb, 1683  
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 Dierama pendulum Bak., geophyte, 17, 2138  
 Gladiolus ochroleucus Bak. var. macowanii (Bak.) Oberm., geophyte, 1428  
 Anapalina caffra (Ker-Gawl. ex Bak.) G.J. Lewis, geophyte, 2  
 Watsonia cf. longifolia Mathews & L. Bol., geophyte, 658, 713  
 Freesia corymbosa (Burm. f.) N.E. Br., geophyte, 717

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Habenaria cf. arenaria Lindl., forb, 1596, 1611  
 Brachycorythis macowaniana Reichb. f., forb, 1998  
 Disa versicolor Reichb. f., forb, 2203  
 Satyrium membranaceum Swartz, forb, 1720  
 Monadenia brevicornis Lindl., forb, 1706  
 Disperis lindleyana Reichb. f., forb, 1598  
 Acrolophia capensis (Berg.) Fourc. var. capensis, forb, 1691, 1999  
 Polystachya pubescens Reichb. f., epiphyte, 1163  
 Eulophia  
 clavicornis Lindl. var. clavicornis, forb, 657, 789  
 platypetala Lindl., forb, 662  
 tenella Reichb. f., forb, 1177, 1190  
 Tridactyle tricuspidata (H. Bol.) Schltr., epiphyte, 1590, 2014  
 Cyrtorchis arcuata (Lindl.) Schltr., epiphyte, 2013  
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 capense (L. f.) Schltr., epiphyte, 2012  
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 ingens (Miq.) Miq. var. ingens, shrub or tree, 145, 705  
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 disciflorum A. W. Hill, shrublet, 793, 1695  
 flexuosum A. DC., shrublet, 187, 609  
 fruticosum A. W. Hill, shrublet, 184  
 gnidiaceum A. DC., shrublet, 1716  
 junceum Bernh., shrublet, 832, 1296  
 pallidum A. DC., shrublet, 846  
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Emex australis Steinh., forb, 1355\*

- Rumex  
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 cf. nepalensis *Spreng.*, forb, 2127\*  
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- Polygonum  
 aviculare *L.*, forb, 1972\*  
 lapathifolium *L.* subsp. maculatum (*S.F. Gray*) *T.-Dyer & Trim.*, forb, 1937  
 salicifolium *Willd.*, forb, 338, 936
- Bilderdykia convolvulus (*L.*) *Dumort.*, twining forb, 1916\*
- CHENOPODIACEAE  
 Chenopodium  
 carinatum *R. Br.*, forb, 918, 1091\*  
 mucronatum *Thunb.*, forb, 1404
- Exomis microphylla (*Thunb.*) *Aell.* var. axyrioides (*Fenzl*) *Aell.*, shrub, 1261
- Salsola kali *L.*, forb, 1422\*
- AMARANTHACEAE  
 Amaranthus  
 hybridus *L.* subsp. hybridus var. hybridus, forb, 1128\*  
 thunbergii *Moq.*, forb, 1405
- Pupalia lappacea (*L.*) *Juss.*, forb, 1370\*  
 Achyranthes sicula (*L.*) *All.*, forb, 1635\*
- Achyroopsis  
 avicularis (*E. Mey. ex Moq.*) *Hook. f.*, forb, 1082, 1615  
 leptostachya (*E. Mey. ex Meisn.*) *Hook. f.*, forb, 981
- Gomphrena celosioides *Mart.*, forb, 1414\*
- AIZOACEAE  
 Limeum  
 africanum *Burm.* subsp. africanum, forb, 1373  
 telephioides *E. Mey. ex Fenzl* var. telephioides, forb, 905
- Gisekia pharnaceoides *L.*, forb, 1853
- Pharnaceum dichotomum *L. f.*, forb, 573, 1973
- Galenia  
 pubescens (*Eckl. & Zeyh.*) *Druce.*, shrublet, 1744  
 sarcophylla *Fenzl.*, shrublet, 1365  
 secunda (*L. f.*) *Sond.*, shrublet, 1977
- Aizoon  
 canariense *L.*, forb, 1208  
 rigidum *L. f.* var. villosum *Adamson.*, forb, 557
- MESEMBRYANTHEMACEAE  
 Aptenia cordifolia (*L. f.*) *Schwant.* var. cordifolia, succulent, 993  
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- Bergeranthus  
 scapiger (*Haw.*) *N.E. Br.*, succulent, 810  
 vespertinus (*Berger*) *Schwant.*, succulent, 544
- Carpobrotus dimidiatus (*Haw.*) *L. Bol.*, succulent, 486, 612
- Delosperma  
 brevisepalum *L. Bol.* var. brevisepalum, succulent, 572  
 cf. cooperi (*Hook. f.*) *L. Bol.*, succulent, 2072  
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 laxipetalum *L. Bol.*, succulent, 543a  
 lehmannii (*Eckl. & Zeyh.*) *Schwant.*, succulent, 1967, 1976  
 cf. testaceum (*Haw.*) *Schwant.*, succulent, 1354  
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- Lampranthus  
 productus (*Haw.*) *N.E. Br.*, succulent, 1974  
 spectabilis (*Harv.*) *N.E. Br.* subsp. spectabilis, succulent, 697  
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- Mestoklema tuberosum (*L.*) *N.E. Br. ex Glen.*, succulent, 814,  
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 Cerastium capense *Sond.*, forb, 1925
- Polycarpon tetraphyllum *L. f.*, forb, 882, 1244, 1854, 1921\*
- Silene  
 burchellii *Ott.*  
 var. angustifolia *Sond.*, forb, 1308, 1703
- var. burchellii, forb, 1681  
 var. pilosellaefolia (*Cham. & Schlechtd.*) *Sond.*, forb, 1183  
 gallica *L.*, forb, 1671\*  
 Dianthus zeyheri *Sond.* subsp. natalensis *Hooper.*, forb, 1030
- ILLECEBRACEAE  
 Pollichia campestris *Ait.*, forb, 257, 921, 1035, 1438
- RANUNCULACEAE  
 Knowltonia  
 cordata *H. Rasm.*, forb, 1336, 1500, 2141  
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- Clematis brachiata *Thunb.*, climber, 328
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- LAURACEAE  
 Cassytha  
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- PAPAVERACEAE  
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 Papaver aculeatum *Thunb.*, forb, 1958
- FUMARIACEAE  
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- BRASSICACEAE  
 Heliophila  
 elongata (*Thunb.*) *DC.*, forb, 1041, 1430  
 rigidiuscula *Sond.*, forb, 360  
 trifurca *Burch. ex DC.*, forb, 842
- Lepidium africanum (*Burm. f.*) *DC.* subsp. africanum, forb, 1818
- Coronopus didymus (*L.*) *Sm.*, forb, 1866\*
- Sisymbrium  
 capense *Thunb.*, forb, 1729  
 orientale *L.*, forb, 1810\*
- Eruca sativa *Mill.*, forb, 1595\*  
 cf. Diplotaxis muralis (*L.*) *DC.*, forb, 1776\*  
 Raphanus raphanistrum *L.*, forb, 1928\*  
 Rorippa  
 fluviatilis (*E. Mey. ex Sond.*) *Thell.*  
 var. caledonica (*Sond.*) *Marais.*, forb, 1815  
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- Capsella bursa-pastoris (*L.*) *Medik.*, forb, 1124\*
- CAPPARACEAE  
 Capparis sepiaria *L.* var. citrifolia (*Lam.*) *Toelken.*, tall shrub, 137,  
 140, 807
- Boscia oleoides (*Burch. ex DC.*) *Toelken.*, tree, 825
- Cadaba aphylla (*Thunb.*) *Wild.*, shrub, 1797
- Maerua  
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- Kalanchoe rotundifolia (*Haw.*) *Haw.*, succulent, 133, 817, 1418
- Crassula  
 arborescens (*Mill.*) *Willd.* subsp. arborescens, succulent shrub,  
 618  
 capitella *Thunb.* subsp. thyrsoflora (*Thunb.*) *Toelken.*, succulent,  
 708  
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 orbicularis L., succulent, 366, 473  
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 var. coccinea (Sweet) Rowley, succulent, 860a, 1230  
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 subsp. radicans (Haw.) Toelken, succulent, 816  
 subsp. rattrayi (Schonl. & Bak. f.) Toelken, succulent, 1421, 1567  
 rogersii Schonl., succulent, 1819, 2070  
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 tetragona L.  
 subsp. connivens (Schonl.) Toelken, succulent, 1804  
 subsp. lignescens Toelken, succulent, 1353, 1772  
 subsp. robusta (Toelken) Toelken, succulent, 823  
 vaginata Eckl. & Zeyh. subsp. vaginata, succulent, 1530, 2104  
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- Adromischus  
 cristatus (Haw.) Lem. var. cristatus, succulent, 700, 1481  
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 Agrimonia odorata Mill., shrub, 1242\*  
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 Acacia  
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 laricifolia Berg., shrub, 845  
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 crassifolium Eckl. & Zeyh., shrub, 464, 1522, 1838  
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 heterophylla Thunb., forb, 1349  
 sessilifolia DC., shrub, 1413  
 stenophylla Eckl. & Zeyh., shrub, 509, 834, 1326  
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 asarina (Berg.) Salter, shrub, 1474, 1492  
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 capensis (Jacq.) Pers.  
 var. acutiflora E. Mey., suffrutex, 747  
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 Zornia capensis Pers., forb, 1117
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 Geranium  
 caffrum Eckl. & Zeyh., forb, 2122  
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 Monsonia emarginata (L. f.) L'Hérit., forb, 730, 1167  
 Erodium cicutarium (L.) L'Hérit. ex Ait., forb, 1809\*
- Pelargonium  
 alchemilloides (L.) L'Hérit., forb, 758, 1064, 1358a  
 graveolens L'Hérit., forb, 51, 329, 775  
 cf. grossularioides (L.) L'Hérit., forb, 903  
 heracleifolium Lodd., forb, 1462  
 luridum (Andr.) Sweet, forb, 1310  
 multicaule Jacq. var. multicaule, forb, 390, 1529, 1699  
 odoratissimum (L.) L'Hérit., forb, 1643  
 panduriforme Eckl. & Zeyh., forb, 915  
 peltatum (L.) L'Hérit., creeper, 620, 1561  
 pulverulentum Cov. ex Sweet, forb, 1335, 1912  
 quercifolium (L. f.) L'Hérit., forb, 913  
 reniforme Curt., forb, 205, 396  
 ribifolium Jacq., forb, 31, 613, 830  
 schizopetalum Sweet, forb, 1139  
 sidifolium (Thunb.) Kunth, forb, 1285  
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- bifurca *Lodd.*, geophyte, 1450, 1524, 2103, 2112  
 caprina *L.*, geophyte, 1351  
 corniculata *L.*, geophyte, 1743\*  
 cf. setosa *L.*, geophyte, 1454  
 smithiana *Eckl. & Zeyh.*, geophyte, 1994  
 stellata *Eckl. & Zeyh.*, geophyte, 1189

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- Linum thunbergii *Eckl. & Zeyh.*, forb, 397, 608, 1445, 1498

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- Zygophyllum foetidum *Schrad. & Wendl.*, shrub, 2195

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- Zanthoxylum capense (*Thunb.*) *Harv.*, tree, 108, 159  
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 Agathosma  
 acutissima *Duemmer*, shrub, 416, 1552  
 capensis (*L.*) *Duemmer*, shrub, 1539  
 cf. peglerae *Duemmer*, shrub, 2191  
 puberula (*Steud.*) *Fourc.*, shrub, 567, 828, 1330  
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 Coleonema pulchellum *I. Williams*, shrub, 564, 2001  
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- Ptaeroxylon obliquum (*Thunb.*) *Radlk.*, tree, 142

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- asbestina *Burch.*, shrublet, 1385, 1774  
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 hispida *Burch.*, shrublet, 1204  
 illepidia *E. Mey.*, shrublet, 961, 1104, 1154, 1291, 1511  
 microlopha *DC.*, shrublet, 1826  
 myrtifolia *L.*, shrub, 157, 879, 1624a  
 uncinata *E. Mey. ex Meisn.*, shrublet, 958, 1537

## Muraltia

- alopecurioides (*L.*) *DC.*, shrublet, 280, 570, 850, 2163  
 ericifolia *DC.*, shrub, 191, 426, 1484

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## Phyllanthus

- burchellii *Muell. Arg.*, forb, 950a  
 maderaspatensis *L.*, forb, 950b  
 verrucosus *Thunb.*, shrub, 113, 413  
 Croton rivularis *Muell. Arg.*, tree, 53  
 Leidesia procumbens (*L.*) *Prairie*, forb, 782

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- ecklonii *Baill.*, forb, 907, 979, 1896, 1930  
 glabrata *Thunb.* var. glabrata, shrub, 54, 797  
 pedunculata *E. Mey. ex Meisn.*, forb, 1724  
 punctata *Meisn.*, forb, 1125

- Ctenomeria capensis (*Thunb.*) *Harv. ex Sond.*, climber, 2010, 1358c

- Dalechampia capensis *Spreng. f.*, climber, 1834

- Ricinus communis *L.*, forb, 912\*

- Jatropha capensis (*L. f.*) *Sond.*, shrub, 107

## Clutia

- affinis *Sond.*, shrub, 38  
 alaternoides *L.*, shrub, 172, 459, 492  
 ericoides *Thunb.*, shrub, 474  
 heterophylla *Thunb.*, shrub, 1040  
 pulchella *L.*, shrub, 417

- Suregada africana (*Sond.*) *Kuntze*, shrub or small tree, 1880

## Euphorbia

- heptagona *L.*, succulent, 616  
 kraussiana *Bernh.*, forb, 104, 754  
 ledienii *Berger*, succulent, 527, 826  
 mauritanica *L.*, succulent, 105  
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 cf. pugniformis *Boiss.*, succulent, 1288  
 silenifolia (*Haw.*) *Sweet*, geophyte, 48, 194  
 striata *Thunb.*, forb, 659, 1580  
 tetragona *Haw.*, succulent tree, 102

- triangularis *Desf.*, succulent tree, 631  
 Chamaesyce inaequilatera (*Sond.*) *Soják*, forb, 883

## ANACARDIACEAE

- Harpephyllum caffrum *Bernh. ex Krauss*, tree, 33, 193

- Schinus molle *L.*, tree, 2194\*

- Loxostylis alata *Spreng. f. ex Reichb.*, tree, 154

## Rhus

- cf. albomarginata *Sond.*, shrub, rare, 866  
 chirindensis *Bak. f. forma legatii (Schonl.) R. & A. Fernandes*, tree, 63, 229  
 dentata *Thunb.* shrub, 36, 491, 1279  
 fastigiata *Eckl. & Zeyh.*, shrub, 603, 771, 1298  
 incisa *L. f. var. effusa (Presl) R. Fernandes*, tree, 465  
 lancea *L. f.*, tree, 928  
 longispina *Eckl. & Zeyh.*, tree, 633, 939  
 lucida *L. forma lucida*, shrub, 463, 689  
 pallens *Eckl. & Zeyh.*, shrub, 120, 216, 243, 512  
 pyroides *Burch. var. pyroides*, tree, 61, 595  
 refracta *Eckl. & Zeyh.*, tree, 158, 518, 558  
 rehmanniana *Engl. var. uitenhagensis (Eckl. & Zeyh.) ined.*, tree, 244  
 rigida *Mill. var. rigida*, shrub, 15, 740, 1453  
 rosmarinifolia *Vahl*, shrub, 169

## AQUIFOLIACEAE

- Ilex mitis (*L.*) *Radlk.*, tree, 127

## CELASTRACEAE

## Maytenus

- acuminata (*L. f.*) *Loes. var. acuminata*, tree, 14, 441  
 capitata (*E. Mey. ex Sond.*) *Marais*, shrub, 551, 1403  
 heterophylla (*Eckl. & Zeyh.*) *N.K.B. Robson*, shrub or tree, 223, 309, 442  
 linearis (*L. f.*) *Marais*, shrub, 2197  
 nemorosa (*Eckl. & Zeyh.*) *Marais*, tree, 56, 62, 316, 440, 1001  
 undata (*Thunb.*) *Blakelock*, tree, 523, 537  
 Putterlickia pyracantha (*L.*) *Szysyl*, shrub, 111, 562, 635, 1402  
 Pterocelastrus tricuspidatus (*Lam.*) *Sond.*, shrub or tree, 198, 513, 857, 1656

## Cassine

- aethiopica *Thunb.*, tree, 246, 302, 534, 856, 1594, 1600  
 crocea (*Thunb.*) *Kuntze*, tree, 529  
 peragua *L.*, shrub or tree, 85, 306, 446  
 reticulata (*Eckl. & Zeyh.*) *Codd*, shrub, 1115, 1555  
 tetragona (*L. f.*) *Loes.*, scandent shrub, 300  
 Pleurostyliya capensis (*Turcz.*) *Oliv.*, tree, 77, 301, 517a, 1609

## ICACINACEAE

- Apodytes dimidiata *E. Mey. ex Arn.* subsp. dimidiata, tree, 284

## SAPINDACEAE

- Allophylus decipiens (*Sond.*) *Radlk.*, tree, 95, 457, 1755  
 Atalaya capensis *R.A. Dyer*, tree, 949  
 Smellocyllum capense *Radlk.*, tree, 196  
 Pappea capensis *Eckl. & Zeyh.*, tree, 132  
 Dodonaea angustifolia *L. f.*, small tree, 565  
 Hippobromus pauciflorus (*L. f.*) *Radlk.*, tree, 122, 292

## MELIANTHACEAE

- Melanthus comosus *Vahl*, shrub, 879, 919

## RHAMNACEAE

- Scutia myrtina (*Burm. f.*) *Kurz*, woody climber, 149  
 Noltea africana (*L.*) *Reichb. f.*, tree, 60  
 Phylca  
 axillaris *Lam. var. microphylla (Eckl. & Zeyh.) Pillans*, shrub, 4, 197, 201, 411, 674, 1241  
 paniculata *Willd.*, small tree, 273, 429  
 Helinus integrifolius (*Lam.*) *Kuntze*, climber, 1924

## VITACEAE

## Rhoicissus

- digitata (*L. f.*) *Gilg & Brandt*, woody climber, 70, 117  
 tomentosa (*Lam.*) *Wild & Drum.*, woody climber, 143  
 tridentata (*L. f.*) *Wild & Drum.*, woody climber, 13, 333, 438, 589  
 sp., shrub, 1800  
 Cyphostemma cirrhosum (*Thunb.*) *Desc. ex Wild & Drum.*, succulent climber, 922



## TILIACEAE

## Grewia

- occidentalis* L., shrub or small tree, 103, 430, 451  
*robusta* Burch., shrub or small tree, 545, 548

## MALVACEAE

- Abutilon sonneratianum* (Cav.) Sweet, shrub, 556, 1073  
*Malvastrum coromandelianum* (L.) Garcke, shrub, 1731\*

## Sida

- dregei* Burt Davy, forb, 947  
*ternata* L. f., forb, 559, 1078

- Pavonia praemorsa* (L. f.) Cav., shrub, 320, 1612

## Hibiscus

- aethiopicus* L.  
 var. *aethiopicus*, forb, 1252  
 var. *angustifolius* (Eckl. & Zeyh.) Exell, forb, 1021  
*pusillus* Thunb., forb, 945, 1081  
*trionum* L., forb, 1178

## STERCULIACEAE

- Melhania didyma* Eckl. & Zeyh., forb, 960, 1080

## Hermannia

- althaeoides* Link, shrublet, 605, 1136  
*flammula* Harv., shrublet, 10  
*geniculata* Eckl. & Zeyh., shrub, 1243  
 cf. *hyssopifolia* L., shrub, 895  
 cf. *odorata* Ait., shrub, 597

## OCHNACEAE

## Ochna

- arboorea* Burch. ex DC. var. *arboorea*, tree, 80  
*natalitia* (Meisn.) Walp., tree, 141, 308  
*serrulata* (Hochst.) Walp., shrub, 379, 666

## CLUSIACEAE

## Hypericum

- aethiopicum* Thunb. subsp. *aethiopicum*, forb, 1302, 1528  
*lalandii* Choisy, forb, 1282, 1494

## VIOLACEAE

- Hybanthus capensis* (Thunb.) Engl., forb, 984, 1025

## FLACOURTIACEAE

## Scolopia

- mundii* (Eckl. & Zeyh.) Warb., tree, 135, 435  
*zeyheri* (Nees) Harv., tree, 312, 755, 1648

## Homalium

- dentatum* (Harv.) Warb., tree, new record for the Cape Province, 898, 1851  
*rufescens* Benth., tree, 875, 1236, 1651, 1957  
*Trimeria trinervis* Harv., tree, 34, 96, 1135  
 Dovyalis  
*rhamnoides* (Burch. ex DC.) Harv., shrub, 298  
*zeyheri* (Sond.) Harv., shrub, 155, 1114, 1647

## ACHARIACEAE

- Acharia tragodes* Thunb., climber, 1756

## CACTACEAE

## Opuntia

- aurantiaca* Lindl., succulent forb, invasive, not collected\*  
*ficus-indica* (L.) Mill., succulent tree, invasive, not collected\*

## PENAEACEAE

- Penaea cneorum* Meerb. subsp. *lanceolatum* (L.) Dahlg., shrub, 252, 2004, 2170

## OLINIACEAE

- Olinia ventosa* (L.) Cufod., tree, 227, 314, 870, 1620, 1630, 1632

## THYMELAEACEAE

## Gnidia

- anthylloides* (L. f.) Gilg., shrub, 43, 182, 1246  
*capitata* L. f., shrub, 1009  
*coriacea* Meisn., shrublet, 3  
*cuneata* Meisn., shrub, 1412  
*sericea* L. var. *sericea*, shrub, 1714  
*thesioides* Meisn. var. *thesioides*, shrub, 59, 571, 1380

## Struthiola

- argentea* Lehm., shrublet, 12, 19, 173

- cf. *macowanii* C.H. Wr., shrublet, 2041  
*parviflora* Bartl. ex Meisn., shrublet, 655, 731  
 Passerina  
*falcifolia* C.H. Wr., shrub, 2005, 2160  
*obtusifolia* Thoday, shrub, 751  
*vulgaris* Thoday, shrub, 83, 84

## COMBRETACEAE

- Combretum caffrum* (Eckl. & Zeyh.) Kuntze, tree, 58, 524, 1423g

## MYRTACEAE

## Eugenia

- capensis* (Eckl. & Zeyh.) Harv. ex Sond., tree, 290, 764  
*zeyheri* Harv., tree, 1134

## ONAGRACEAE

## Oenothera

- indecora* Cambess., forb, 1947\*  
*parodiana* Munz subsp. *parodiana*, forb, 1997\*

## HALORAGACEAE

- Laurembergia repens* Berg. subsp. *brachypoda* (Hiern) Oberm., forb, 1686

- Gunnera perpensa* L., forb, 935

## ARALIACEAE

- Cussonia spicata* Thunb. var. *spicata*, tree, 64

## APIACEAE

## Centella

- affinis* (Eckl. & Zeyh.) var. *affinis*, suffrutex, 241, 275, 1513  
*asiatica* (L.) Urb., creeping forb, 245, 1299, 1576, 1922  
*glabrata* L. var. *natalensis* Adamson, suffrutex, 2007  
*virgata* (L. f.) Drude var. *virgata*, suffrutex, 1327  
 sp., prostrate forb, 1262  
*Alepidea capensis* (Berg.) R.A. Dyer var. *capensis*, forb, 607, 1058, 1172

- Torilis arvensis* (Huds.) Link, forb, 787\*

- Conium* sp., forb, 1759, 1883, 1895

- Lichtensteinia kolbeana* H. Bol., forb, 1945

- Heteromorpha trifoliata* (Wendl.) Eckl. & Zeyh., shrub, 24

- Rhyticarpus difformis* (L.) Benth. & Hook., shrub, 35, 1235

- Ciclospermum leptophyllum* (Pers.) Sprague, forb, 1926\*

- Pimpinella caffra* (Eckl. & Zeyh.) Harv., forb, Ferniebrae plot 9.28

- Berula erecta* (Hudson) Cov., forb, 346

- Polemannia* sp? cf. *P. montana* Schltr. & Wolff, shrub, rare, 458

- Stenosemis caffra* (Eckl. & Zeyh.) Sond., forb, 274, 1210

## Peucedanum

*capense* (Thunb.) Sond.

- var. *capense*, shrub, 42, 407

- var. *lanceolatum* (E. Mey. ex Meisn.) Sond., shrub, 20, 188, 410

## CORNACEAE

- Curtisia dentata* (Burm. f.) C.A. Sm., tree, 28

## ERICACEAE

## Erica

- adunca* Benth., shrub, 654, 788  
*caffra* L., shrub or small tree, 683  
*cerinthoides* L. var. *cerinthoides*, shrublet, 167  
*chamissonis* Klotzsch ex Benth., shrub, 711, 835  
*copiosa* Wendl. var. *copiosa*, shrub, 189, 372, 1019, 1180, 1466, 2162  
*curviflora* L. var. *curviflora*, shrub, 1459  
*deliciosa* Wendl. f. ex Benth., shrub, 1237, 2136  
*demissa* Klotzsch var. *polyantha* (Klotzsch ex Benth.) Dulfer, shrub, 784, 1026  
*pectinifolia* Salisb., shrub, 401, 1324  
*simulans* Dulfer var. *simulans*, shrub, 5, 1111, 1342, 1544, 1553  
*unilateralis* Klotzsch, shrub, 11, 720, 1540  
 sp., shrub, 445, 617

## MYRSINACEAE

- Myrsine africana* L., shrub, 271, 484

- Rapanea melanophloeos* (L.) Mez, tree, 22

## PRIMULACEAE

- Samolus valerandi* L., forb, 887

- Anagallis arvensis* L., forb, 794, 1071, 1914, 2063\*

## PLUMBAGINACEAE

Plumbago auriculata *Lam.*, scandent shrub, 532

## SAPOTACEAE

Sideroxylon inerme *L.*, tree, 282, 437

## EBENACEAE

## Euclea

- crispa* (*Thunb.*) *Guerke* var. *crispa*, tree, 16, 147, 170, 422  
*natalensis* *A. DC.*, shrub, 966  
*polyandra* (*L. f.*) *E. Mey. ex Hiern*, shrub, 44, 195  
*schimperii* (*A. DC.*) *Dandy* var. *schimperii*, tree, 89, 550, 1129, 1568  
*undulata* *Jacq.* var. *undulata*, tree, 592, 678

## Diospyros

- lycioides* *Desf.* subsp. *lycioides*, shrub or tree, 30, 505, 593, 628, 813  
*scabrida* (*Harv. ex Hiern*) *De Winter* var. *cordata* (*E. Mey. ex DC.*) *De Winter*, shrub, 304, 507, 625, 687  
*whyteana* (*Hiern*) *F. White*, tree, 289

## OLEACEAE

## Chionanthus

- foveolatus* (*E. Mey.*) *Stearn* subsp. *foveolatus*, small tree, 128, 447  
*peglerae* (*C.H. Wr.*) *Stearn*, small tree, 1194

## Olea

- capensis* *L.* subsp. *capensis*, shrub, 1719  
*capensis* *L.* subsp. *macrocarpa* (*C.H. Wr.*) *Verdoorn*, tree, 92, 790  
*europaea* *L.* subsp. *africana* (*Mill.*) *P.S. Green*, tree, 73, 423  
*woodiana* *Knobl.*, tree, 57

## Jasminum

- angulare* *Vahl*, climber, 1411, 1758, 1917  
 cf. *multipartitum* *Hochst.*, climber, 1419

## SALVADORACEAE

*Azima tetracantha* *Lam.*, scandent shrub, 93

## LOGANIACEAE

- Strychnos decussata* (*Pappe*) *Gilg*, tree, 288  
*Nuxia floribunda* *Benth.*, tree, 283  
*Buddleja saligna* *Willd.*, shrub or small tree, 118

## GENTIANACEAE

- Sebaea hymenosepala* *Gilg*, forb, 361, 1174, 1448  
*Chironia*  
*melampyrifolia* *Lam.*, forb, 712  
*tetragona* *L. f.*, forb, 848  
*Nymphoides thunbergiana* (*Griseb.*) *Kuntze*, aquatic forb, 1589, 2030

## APOCYNACEAE

- Acocanthera oppositifolia* (*Lam.*) *Codd*, shrub, 78  
*Carissa*  
*bispinosa* (*L.*) *Desf. ex Brenan* var. *acuminata* (*E. Mey.*) *Codd*, shrub, 773  
*bispinosa* (*L.*) *Desf. ex Brenan* var. *bispinosa*, shrub, 1004  
*haematocarpa* (*Eckl.*) *A. DC.*, shrub, 1423d  
*Gonioma kamassi* *E. Mey.*, tree, 47, 115, 1146  
*Pachypodium*  
*bispinosum* (*L. f.*) *A. DC.*, succulent, 599, 2147  
*succulentum* (*L. f.*) *A. DC.*, succulent, 809

## ASCLEPIADACEAE

- Xysmalobium involucreatum* *Decne.*, forb, 1704  
*Schizoglossum*  
*atropurpureum* *E. Mey.* subsp. *tridentatum* (*Schltr.*) *Kupicha*, forb, 2071  
*cordifolium* *E. Mey.*, forb, 1094, 1685  
*Periglossum* sp., forb, 1663  
*Pachycarpus dealbatus* *E. Mey.*, forb, 741, 868, 959  
*Asclepias*  
*cancellata* *Burm. f.*, forb, 1309  
*crispa* *Berg.*, forb, 1175  
*expansa* (*E. Mey.*) *Schltr.*, forb, 1171  
*Cynanchum natalitium* *Schltr.*, climber, 648  
*Sarcostemma viminale* (*L.*) *R. Br.*, succulent climber, 652  
*Secamone*  
*alpinii* *Schultes*, climber, 139, 311, 1667  
*filiformis* (*L. f.*) *J.H. Ross*, climber, 525, 1382

*Sisyranthus* sp., forb, 1684

*Anisotoma pedunculata* *N.E. Br.*, forb, 1678

*Stapelia* sp., succulent, 727, 1534

*Tylophora lycioides* (*E. Mey.*) *Decne.*, forb, 1367

*Dregea floribunda* *E. Mey.*, climber, 530

## CONVOLVULACEAE

*Cuscuta campestris* *Yunck.*, twining parasite, 560, 1401\*

*Falkia repens* *L. f.*, creeping forb, 1301

## Convolvulus

- bidentatus* *Bernh. apud Krauss*, creeping forb, 1857  
*farinosus* *L.*, creeping forb, 886

## Ipomoea

- arachnosperma* *Welw.*, climber, new record for Cape Province, 1423a  
*simplex* *Thunb.*, forb, 2117

## BORAGINACEAE

*Ehretia rigida* (*Thunb.*) *Druce*, shrub or small tree, 549

*Cynoglossum hispidum* *Thunb.*, forb, 738, 1160

## Lithospermum

- cf. *inornatum* *DC.*, forb, 901, 1116, 1307  
*scabrum* *Thunb.*, forb, 2140

## VERBENACEAE

- Verbena bonariensis* *L.*, forb, 1995\*  
*Lantana rugosa* *Thunb.*, shrub, 952, 1688  
*Plexipus cuneifolius* (*L. f.*) *Rafin.*, shrublet, 2201  
*Priva meyeri* *Jaub. & Spach.* var. *meyeri*, forb, 973

## LAMIACEAE

*Ajuga ophrydis* *Burch. ex Benth.*, forb, 1211, 1293

## Teucrium

*africanum* *Thunb.*, forb, 1812

*trifidum* *Retz.*, forb, 942, 1131

## Leonotis

*leonurus* (*L.*) *R. Br.*, shrub, 27

*ocymifolia* (*Burm. f.*) *Iwarsson* var. *ocymifolia*, shrub, 419, 1507

## Stachys

*aethiopica* *L.*, forb, 1771

*graciliflora* *Presl*, forb, 1369

*scabrida* *Skan*, forb, 382a

## Salvia

*aurita* *L. f.* var. *aurita*, forb, 1226, 1280

*repens* *Burch. ex Benth.* var. *repens*, forb, 906, 1861

*triangularis* *Thunb.*, forb, 504, 1835

*Mentha longifolia* (*L.*) *Huds.* subsp. *capensis* (*Thunb.*) *Briq.*, forb, 318

## Plectranthus

- madagascariensis* (*Pers.*) *Benth.*  
 var. *aliciae* *Codd*, forb, 1132  
 var. *madagascariensis*, forb, 1525  
 var. *ramosior* *Benth.*, forb, 1604  
*spicatus* *E. Mey. ex Benth.*, forb, 1110, 1562, 1645  
*strigosus* *Benth.*, forb, 131  
*verticillatus* (*L. f.*) *Druce*, forb, 385, 1234, 1375

## SOLANACEAE

*Nicandra physalodes* *Gaertn.*, forb, 2076\*

## Lycium

*ferocissimum* *Miers*, shrub, 938, 1423f

*oxycarpum* *Dun.*, shrub, 1805

*Withania somnifera* (*L.*) *Dun.*, shrub, 925

*Physalis peruviana* *L.*, forb, 1616\*

## Solanum

- giganteum* *Jacq.*, shrub, 1599  
*gracile* *Dun.*, forb, 1751  
*hermannii* *Dun.*, shrub, 767  
*nodiflorum* *Jacq.*, forb, 1767  
*retroflexum* *Dun.*, shrub, 914, 1485, 1929  
*rigescens* *Jacq.*, shrub, 497, 757  
*tomentosum* *L.*, shrub, 920, 1556  
*Datura ferox* *L.*, forb, 1423c\*  
*Nicotiana glauca* *R.A. Grah.*, small tree, 722, 1948\*

## SCROPHULARIACEAE

- Verbascum virgatum* *Stokes*, forb, 2067\*  
*Diascia capsularis* *Benth.*, forb, 638, 1444, 1526  
*Nemesia*  
 cf. *cynanchifolia* *Benth.*, forb, 1395  
*fruticans* (*Thunb.*) *Benth.*, forb, 893, 899, 1907  
*melissifolia* *Benth.*, forb, 1910

Halleria lucida L., shrub or small tree, 75, 217

Freylinia undulata (L. f.) Benth., shrub, 392

#### Sutera

albiflora Verdoorn, shrublet, 99, 381

argentea (L. f.) Hiern, shrublet, 663

foliolosa (Benth.) Hiern, shrublet, 902

kraussiana (Benth.) Hiern, shrublet, 953

pinnatifida (Benth.) Kuntze, shrublet, 1415

roseoflava Hiern, forb, 355, 391, 634

Phyllopodium krebsianum Benth., forb, 1931, 1971

Ilysanthes dubia (L.) Bernh., forb, 1045, 1508

Veronica anagallis-aquatica L., forb, 1748

Alectra capensis Thunb., parasitic forb, 719

Graderia scabra (L. f.) Benth., forb, 1392, 2119, 2129

Buchnera dura Benth., forb, 1232, 1431, 1490, 1570

Cycnium tubulosum (L. f.) Engl., parasitic forb, 215, 1439

Striga bilabiata (Thunb.) Kuntze, parasitic forb, 1173

Harveya speciosa Bernh. ex Krauss, parasitic forb, 228b, 1333

Hyobanche sanguinea L., parasitic herb, 1855

#### SELAGINACEAE

Hebenstretia integrifolia L., shrublet, 1906

#### Selago

corymbosa L., shrub, 166

speciosa Rolfe, forb, 1346

#### Walafrida

geniculata (L. f.) Rolfe, shrublet, 1749

saxatilis (E. Mey.) Rolfe, shrublet, 1372

witbergensis (E. Mey.) Rolfe, shrublet, 1966

#### BIGNONIACEAE

Tecomaria capensis (Thunb.) Spach, shrub, 531, 651, 1381

Rhigozum obovatum Burch., shrub, 1389

#### GESNERIACEAE

##### Streptocarpus

meyeri B.L. Burtt, forb, 1334, 1449

rexii (Hook.) Lindl., forb, 566, 1075, 1888

#### ACANTHACEAE

##### Thunbergia

capensis Retz., prostrate shrublet, 822, 1168

dregeana Nees, prostrate shrublet, 941

Chaetacanthus sp. nov., shrublet, 224, 672, 1400

Ruellia cf. pilosa L. f., forb, 698

Crabbea nana Nees subsp. nana, forb, 368

Barleria obtusa Nees, shrublet, 538, 1551

##### Blepharis

capensis (L. f.) Pers., shrublet, 818

integrifolia (L. f.) E. Mey. ex Schinz var. integrifolia, shrublet, 1739

cf. procumbens (L. f.) Pers., shrublet, 462

Peristrophe cernua Nees, shrublet, 533

Hypoestes forskalii (Vahl) R. Br., shrublet, 130, 336, 1603

##### Siphonoglossa

leptantha (Lindau) ined.

subsp. late-ovata (C.B. Cl.) ined., shrublet, 1850

subsp. leptantha, shrublet, 1882

##### Isoglossa

bolusii C.B. Cl., shrublet, 1794

grantii C.B. Cl., shrublet, 1606

prolixa (Nees) Lindau, shrublet, 1893

Justicia capensis Thunb., shrub, 1113

#### PLANTAGINACEAE

##### Plantago

lanceolata L., forb, 1222\*

virginica L., forb, 1737\*

#### RUBIACEAE

Kohautia amatymbica Eckl. & Zeyh., forb, 1666

Coddia rudis (E. Mey. ex Harv.) Verdc., shrub or small tree, 160, 686

Gardenia thunbergia L. f., tree, 123

Hyperacanthus amoenus (Sims) Bridson, tree, 86

##### Canthium

inermis (L. f.) Kuntze, tree, 106, 310, 436

mundianum Cham. & Schlechtd., tree, 65, 1646

Psyrax obovata (Eckl. & Zeyh.) Bridson subsp. obovata, tree, 71, 299, 303, 685, 869

##### Pavetta

capensis (Houtt.) Brem. subsp. capensis, tree, 26, 100, 1150

inandensis Brem., tree, 294, 305

lanceolata Eckl., tree, 1601

Psychotria capensis (Eckl.) Vatke, tree, 87, 684

##### Galopina

aspera (Eckl. & Zeyh.) Walp., forb, 1133

circaeoides Thunb., forb, 1152, 1227

##### Anthospermum

galioides Reichb. f. subsp. galioides, shrublet, 1304

herbaceum L. f., forb, 256, 841

paniculatum Cruse, shrub, 1300, 1321, 2096

spathulatum Spreng.

subsp. spathulatum, shrub, 121

subsp. uitenhagense Puff, shrub, 192

Richardia humistrata (Cham. & Schlechtd.) Steud., forb, 1668, 2008\*

Rubia petiolaris DC., forb, 1725

#### DIPSACACEAE

Cephalaria humilis (Thunb.) Roem. & Schult., forb, 955, 1182, 2097

Scabiosa columbaria L., forb, 399, 956, 1345

#### CUCURBITACEAE

Zehneria scabra (L. f.) Sond., climbing forb, 1608

##### Kedrostis

cf. capensis (Sond.) A. Meeuse, climbing forb, 811

nana (Lam.) Cogn. var. zeyheri (Schrad.) A. Meeuse, climbing forb, 1376

Coccinea palmata (Sond.) Cogn., climbing forb, 1779

#### CAMPANULACEAE

##### Wahlenbergia

capillacea (L. f.) A. DC., forb, 222, 1495

cf. cuspidata V. Brehm., forb, 2152

cf. dentifera V. Brehm., forb, 1069, 1698

krebsii Cham. subsp. krebsii, forb, 2135

madagascariensis A. DC., forb, 1750, 1860

undulata (L. f.) A. DC., forb, 801, 804, 904, 1621, 1908

##### Lightfootia

albans Spreng. ex A. DC., shrublet, 586

cinerea (L. f.) Sond., shrublet, 1536, 1538, 1558

divaricata Buek.

var. debilis (Sond.) Adamson., forb, Plots 27.41, 28.30

var. divaricata, forb, 985

#### LOBELIACEAE

Cyphia sylvatica Eckl. & Zeyh. var. sylvatica, twining forb, 203, 380, 1557

##### Lobelia

anceps L. f., forb, 1070, 1649

erinus L., forb, 2038

flaccida (Presl) A. DC. subsp. flaccida, forb, 1031, 1166

thermalis Thunb., forb, 877, 1862

tomentosa L. f., forb, 356, 1077

##### Monopsis

scabra (Thunb.) Urb., forb, 50, 1072, 1532

unidentata (Dryand.) E. Wimm. subsp. intermedia ined., forb, 1532, 1676

Grammatotheca bergiana (Cham.) Presl var. bergiana, forb, 2035

#### ASTERACEAE

##### Vernonia

capensis (Houtt.) Druce, forb, 1018, 1059

neocorymbosa Hilliard, shrub, 1463

Corymbium africanum L., forb, 2000

Mikania capensis DC., climber, 1605

##### Pteronia

cf. paniculata Thunb., shrub, 1023

teretifolia (Thunb.) Fourc., shrub, 165, 1281

Amellus strigosus (Thunb.) Less. subsp. pseudoscabridus Rommel, forb, 1736

##### Aster

bakerianus Burtt Davy ex C.A. Sm., shrublet, 1012, 1350, 2120

squamatus (Spreng.) Hieron, forb, 1814\*

##### Felicia

aethiopica (Burm. f.) H. Bol. & Wolley Dodd ex Adamson & Salter subsp. ecklonis (Less.) Grau, shrub, 1527

fascicularis DC., shrub, 900, 1076

filifolia (Vent.) Burtt Davy, shrub, 643

Microglossa mespilifolia (Less.) B.L. Robinson, scandent shrub, 1147, 1417, 1563, 1674

Nidorella undulata (Thunb.) Sond. ex Harv., forb, 1231, 1588

##### Conyza

scabrida DC., forb, 779

ulmifolia (Burm. f.) Kuntze, forb, 204, 332, 373, 1219, 1583

- sp., forb, 1753  
*Chrysocoma ciliata* L., shrub, 226, 278, 726  
*Brachylaena*  
*elliptica* (Thunb.) DC., tree, 39, 286  
*glabra* (L. f.) Druce, tree, 124  
*ilicifolia* (Lam.) Phill. & Schweick., shrub or tree, 563  
*Tarchonanthus camphoratus* L., tree, 23  
*Blumea cafra* (DC.) O. Hoffm., forb, 1852  
*Denekia capensis* Thunb., forb, 1687  
*Gnaphalium*  
*coarctatum* Willd., forb, 776, 1934\*  
*pensylvanicum* Willd., forb, 770\*  
*vestitum* Thunb., forb, 427  
*Troglodyton capillaceum* (Thunb.) Hilliard & Burtt subsp. *capillaceum*, forb, 1371  
*Pseudognaphalium undulatum* (L.) Hilliard & Burtt, forb, 916, 1763b  
*Helipterum milleflorum* (L.) Druce, shrub, 46, 702  
*Helichrysum*  
*albanense* Hilliard, forb, 8, 178  
*anomalum* Less., shrublet, 1482  
*appendiculatum* (L. f.) Less., forb, 1214, 1702  
*aureum* (Houtt.) Merr. var. *monocephalum* (DC.) Hilliard, forb, 714  
*cephaloideum* DC., forb, 259, 469, 498  
*cyosum* (L.) D. Don subsp. *cyosum*, shrublet, 1016, 1295  
*felinum* Less., shrublet, 210, 1015  
*gymnocomum* DC., forb, 1256  
*herbaceum* (Andr.) Sweet, forb, 6, 1477  
*lineare* DC., shrublet, 908, 909  
*miconiifolium* DC., forb, 1038, 1215, 1294  
*nudifolium* (L.) Less., forb, 412, 543b, 1140  
*odoratissimum* (L.) Sweet, shrublet, 276, 602, 840  
*oxyphyllum* DC., forb, 968, 1015  
*pilosellum* (L. f.) Less., forb, 2130  
*rosum* (Berg.) Less.  
var. *arcuatum* Hilliard, shrublet, 805, 1002, 1969  
var. *rosum*, shrublet, 843, 910  
*rugulosum* Less., shrublet, 466  
*rutilans* (L.) D. Don, shrublet, Plots 32.12, 22.3  
*spiralepis* Hilliard & Burtt, forb, 680, 847  
*zeyheri* Less., shrublet, 1339  
*Disparago ericoides* Gaertn., shrublet, 272, 371  
*Elytropappus rhinocerotis* (L. f.) Less., shrub, 138, 1798  
*Metalasia*  
*gnaphalodes* (Thunb.) Druce, shrub, 29  
*muricata* (L.) D. Don, shrub, 681, 1473  
*Relhania*  
*genitifolia* (L.) L'Hérit., shrub, 1991  
*pungens* L'Hérit.  
subsp. *angustifolia* (DC.) Bremer, shrub, 1024, 1137  
subsp. *pungens*, shrub, 424  
*Athrixia heterophylla* (Thunb.) Less., forb, 402, 2066, 2139  
*Pulicaria scabra* (Thunb.) Druce, forb, 1610  
*Xanthium spinosum* L., forb, 1785\*  
*Verbesina encelioides* (Cav.) Gray var. *exauriculata* C.B. Robinson & Greenm., forb, 1423b\*  
*Bidens pilosa* L., forb, 1358d, 1550\*  
*Galinsoga ciliata* (Raf.) Blake, forb, 1361, 2074b\*  
*Schkuhria pinnata* (Lam.) Cabr., forb, 1845\*  
*Tagetes minuta* L., forb, 1732\*  
*Eriocephalus africanus* L., shrub, 568  
*Lasiochlamys bipinnatum* (Thunb.) Druce, forb, 1807  
*Oedera imbricata* Lam., shrub, 2174  
*Athanasia*  
*dentata* (L.) L., shrub, 239, 641, 1067  
*pinnata* L. f., shrub, 483  
*Inulanthera dregeana* (DC.) Källersjö, shrub, 425, 594, 1468, 1516  
*Hymenolepis indivisa* (Harv.) Källersjö, shrub, 853  
*Matricaria nigellifolia* DC. var. *tenuior* DC., forb, 1574  
*Cotula*  
*coronopifolia* L., forb, 897  
*heterocarpa* DC., forb, 261, 363, 756, 1074, 1913  
*Schistostephium crataegifolium* (DC.) Fenzl ex Harv., shrub, 45, 479  
*Artemisia afra* Jacq. ex Willd., shrub, 335  
*Pentzia*  
*incana* (Thunb.) Kuntze, shrub, 535, 1387  
*pilulifera* (L. f.) Fourc., forb, 926  
*Cineraria lobata* L'Hérit., shrub, 1406, 1627, 1637, 1654  
*Senecio*  
*acaulis* (L. f.) Sch. Bip., forb, 2106  
*articulatus* (L.) Sch. Bip., forb, 878  
*brachypodus* DC., shrub, 1829, 1900  
*chrysocoma* Meerb., forb, 971  
*coronatus* (Thunb.) Harv., forb, 1033  
*crassiusculus* DC., forb, 1017  
*crenatus* Thunb., forb, 1213, 1472  
*gramineus* Harv., forb, 378  
*ilicifolius* L., forb, 1766  
*inaequidens* DC., forb, 324, 382b, 781  
*inornatus* DC., shrub, Plot 9  
*isatideus* DC., forb, 1347  
*juniperinus* L. f. var. *juniperinus*, forb, disturbed places, 277, 957  
*leptophyllum* DC., forb, 917  
*linifolius* L., forb, 1569, 1839, 2124  
*lineatus* (L. f.) DC., shrub, *Ferniebrae* plots C8 & C9  
*madagascariensis* Poir., forb, 1763a, 1951  
*oliganthus* DC., forb, 644, 1467  
*othonniflorus* DC., forb, 954, 1011, 1217, 2109  
*oxydantus* DC., forb, 384, 982, 1112, 1337  
*oxyriifolius* DC., forb, 1103, 1181  
*pinifolius* (L.) Lam., shrub, 653, 2121  
cf. *pinifolius* (L.) Lam., shrub, 584, 1849  
*polyodon* DC. var. *subglaber* (Kuntze) Hilliard & Burtt, forb, 176, 387, 1442  
*puberulus* DC., forb, 225, 970, 976  
*pyramidatus* DC., shrub, 2144  
*quinquelobus* (Thunb.) DC., shrub, 1597  
*radicans* (L. f.) Sch. Bip., succulent forb, 583  
*retrorsus* DC., forb, 2095  
*ruwenzoriensis* S. Moore, forb, 1769  
*scaposus* DC., forb, 1799  
*striatifolius* DC., forb, 1832  
*vitalis* N.E. Br., succulent shrub, 114, 622, 699  
sp. cf. *S. albanensis* DC. var. *doroniciflorus* (DC.) Harv., forb, Plot 12.6  
*Euryops*  
*algoensis* DC., shrub, 587  
*euryopoides* (DC.) B. Nord., shrub, 2021  
*latifolius* B. Nord., sparse shrub, subendemic, 487, 580  
*trilobus* Harv., shrub, 724  
*Othonna quinqueidentata* Thunb., shrub, 362  
*Osteospermum*  
*calendulaceum* L. f., forb, 1362, 1622  
*glabrum* N.E. Br., forb, 2006  
*herbaceum* L. f., forb, 1409  
*imbricatum* L.  
subsp. *imbricatum*, shrub, 174, 601, 829, 1343  
subsp. *nervatum* (DC.) Norl. var. *nervatum*, shrub, 682, 986  
*junceum* Berg., shrub, 836, 1119  
*Chrysanthemoides monilifera* (L.) Norlindh subsp. *pisifera* (L.) Norlindh, shrub, 146  
*Ursinia anethoides* (DC.) N.E. Br., shrub, 175, 388, 588, 2107, 2159  
*Arctotis microcephala* (DC.) Beauv., forb, 389, 596, 610, 924  
*Haplocarpha*  
*lyrata* Harv., forb, 220, 279  
*scaposus* Harv., forb, 1062, 2137  
*Gazania*  
*krebsiana* Less.  
subsp. *arctotoides* (Less.) Roessl., forb, 211, 365  
subsp. *serrulata* (DC.) Roessl., forb, 716  
*Cullumia decurrens* Less., forb, 394  
*Berkeya*  
*decurrens* (Thunb.) Willd., forb, 1228  
*sphaerocephala* (DC.) Roessl., forb, 1225  
sp., forb, 931  
*Carduus tenuiflorus* Curtis, forb, 759\*  
*Centaurea melitensis* L., forb, 800\*  
*Oldenburgia grandis* (Thunb.) Baillon, tree, 129  
*Gerbera*  
*ambigua* (Cass.) Sch. Bip., forb, 737, 1543, 1697  
*piloselloides* (L.) Cass., forb, 1092, 1212, 1251, 1496  
*Tolpis capensis* (L.) Sch. Bip., forb, 1297  
*Hypochoeris*  
*brasiliensis* (Less.) Griseb., forb, 1975\*  
*radicata* L., forb, 1935\*  
*Sonchus*  
*dregeanus* DC., forb, 1270, 1672  
*gigas* L. Boulos ex Humbert, forb, 1253  
*oleraceus* L., forb, 1936\*