

Montane flora of the southern Langeberg, South Africa: a checklist of the flowering plants and ferns

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ABSTRACT

The flora of the southern Langeberg is rich, with 1 228 species and intraspecific taxa (referred to collectively as species) recorded in 361 genera and 105 families. An analysis of the montane flora of the southern Langeberg, Western Cape, South Africa based on an annotated checklist shows that the Asteraceae has the highest number of species per family (167) and the genus *Erica* has the most infrageneric taxa per genus (130) as well as the most endemic species (51). One endemic monotypic family, the Geissolomataceae, two endemic genera *Geissoloma* and *Langebergia* (Asteraceae) and a total of 167 endemic species are found on the southern Langeberg. The plant families of the southern Langeberg flora are ranked according to species-richness of the families and compared with floras of other areas (mainly montane) in the Fynbos Biome and marginally to the east of this biome (the Amatole Mountains). The greatest similarity of ranking is evident between the plant families of the southern Langeberg and those of the Cape Hangklip Area.

INTRODUCTION

Floras of the west-east-trending mountains of the Cape Fold Belt east of 19° S are not well documented. Lists of species exist for mountains where phytosociological studies have been carried out (Taylor 1979; Taylor & Van der Meulen 1981; Bond 1981; De Lange 1992) but these have not been published. The flora of the southern Langeberg presented here originated as a 'working checklist' of plant species recorded on the southern Langeberg Mountain Range, during a survey of the vegetation of three transects over the range (McDonald 1993a, b, c). The first transect was situated in the Boosmansbos Wilderness Area (BWA) the second in the Marloth Nature Reserve (MNR) and the third partly in the Garcia State Forest and partly on state land at Witelsberg. These areas are well protected but apart from a superficial, unpublished list of plant species for MNR and a list of rare and endangered species found in the Langeberg East Mountain Catchment Area (Cape Nature Conservation, unpublished records), no comprehensive checklists of the flora of the southern Langeberg have been compiled. This compilation of the southern Langeberg flora is also a response to Siegfried's (1989) urgent plea for the compilation of species lists, especially of plants, given the poor knowledge of the status of biota in many of southern Africa's nature reserves.

An attempt has been made to make this checklist of the southern Langeberg flora as comprehensive as possible. It therefore contains records of montane fynbos and forest species, in the declared nature reserves mentioned above as well as in other state- or privately-owned mountain catchments of the southern Langeberg. The species recorded are essentially montane but some of the species may also be found in adjacent lowland fynbos and forest communities. Many of the species are Cape endemics, whereas others are Afromontane linking species, being

found along the mountains of the eastern escarpment of southern Africa (Hilliard & Burtt 1987).

The flora of the southern Langeberg is analysed and compared with published lists of taxa found in the Cape Hangklip Area (Boucher 1977), Cape of Good Hope Nature Reserve (referred to here as Cape Point) (Taylor 1985), Cederberg (Taylor 1996), Swartbos(ch)kloof (McDonald & Morley 1988), as well as the Zuurberg National Park (Van Wyk *et al.* 1988) and the Amatole Mountains (Phillipson 1987), situated at the eastern edge of the Fynbos Biome.

STUDY AREA

The southern Langeberg is delimited as the Langeberg Mountain range from Kogmanskloof at Montagu (33° 48' S, 20° 10' E) in the west, to the Gouritz River near Mossel Bay in the east (33° 57' S, 21° 38' E), covering an area of 174 857 ha. The lower limits of the mountain on the south and north sides are taken as the boundaries between the mountain catchments and adjacent agricultural land.

The Langeberg forms part of the west-east-trending Cape Fold Belt consisting mainly of quartzitic sandstone and shales of the Table Mountain Group. The steep south-facing (polar) cool, moist slopes rise above the Agulhas-Riversdale coastal plain (Cowling *et al.* 1988; Rebelo *et al.* 1991) and contrast sharply with the dry, north-facing (equatorial) slopes adjacent to the arid Little Karoo. The complex geology and steep climatic gradients, particularly from south to north, give rise to a wide array of habitats, with a high diversity of plant species. Further details of physiography and climate are given in McDonald (1993a, b, c).

METHODS

The systematic checklist of the flora of the southern Langeberg represents a compilation from various sources

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including unpublished information from a number of systematists currently working on the taxonomy of the Cape flora. Initially, a 'working list' of species was compiled from 304 sample plots in the fynbos shrublands and forests of the southern Langeberg (McDonald 1993a, b, c). Many species were identified only from poor specimens collected from the sample plots. Those specimens were not deposited in a herbarium as vouchers. All voucher collections from the Langeberg taken during the above-mentioned survey are housed in the Compton Herbarium (NBG). Each taxon in the list was checked in the two principal Cape herbaria, Bolus Herbarium, University of Cape Town (BOL) and Compton Herbarium, National Botanical Institute, Kirstenbosch (NBG). Stellenbosch University Herbarium (STEU) was also checked for Geraniaceae. To augment the 'working list', the descriptive catalogue of the Cape flora compiled by Bond & Goldblatt (1984) was consulted. The distribution range of each species in the catalogue was noted and if a species was found to occur in the Swellendam, Heidelberg or Riversdale Districts it was included in the list. Each of these records was then checked to determine whether the species was montane or found only on the coastal foreland. Only montane species were included in the final list. The checklist was further augmented by including forest species recorded in the Boosmansbos and Grootvadersbosch forests by Geldenhuys (1992). A number of undescribed species, mainly in the genera *Erica* (E.G.H. Oliver pers. comm.) and *Psoralea* (C.H. Stirtor pers. comm.), were also included for the sake of completeness.

Where listed species were collected by me, those collections have been used as vouchers to represent the species. Where I did not collect a given species, other specimens of those species collected from the southern Langeberg (mostly housed in NBG) were selected as vouchers to represent the remaining species where possible. Representative vouchers of species not represented in NBG were selected from specimens in the Bolus (BOL) and South African Museum (SAM) herbaria. Alien species were not included in the list.

The checklist is systematically arranged according to the numbering of genera by De Dalla Torre & Harms (1958) in accordance with the Engler system, following Arnold & De Wet (1993) but incorporating some more recent taxonomic changes e.g. the recognition of families such as Lanariaceae, Anthericaceae and Agapanthaceae. Each species recorded is followed by a sequence of codes denoting different attributes of the taxon. The definitions and abbreviations which follow the collector's name and collection number are: 1) NBG, BOL, SAM, STEU: herbarium codes where the specimen is housed; 2) X: no collection selected as a voucher; 3) CJG: a record from the list of Geldenhuys (1992); 4) **Endemic**: those taxa endemic to the southern Langeberg; 5) Growth form: DSH, dwarf shrub; LSH, low shrub; MSH, mid-high shrub; TSH, tall shrub; Eph, epiphyte; Ph, pteridophyte; F, forb; G, geophyte; H, hemipterophyte; HE, herb; Pa, parasite; SUC, succulent plant not in any other growth form class; T, tree; V, vine or liane; 6) Post-fire regeneration strategy: NS, non-resprouter (regenerates from seed); S, resprouter; 7) Broad habitat type where found: AR, arid north slopes; HAD, high-altitude dry slopes; HAW,

high-altitude wet slopes; MSS, mesic south slopes; 8) Dispersal mode: A, ant; P, passive/unknown; VE, vertebrate; W, wind; WA, water; 9)* Listed in the *Red Data List of southern African plants* and subsequent updates (Hilton-Taylor 1996a, b; 1997).

The flora of the southern Langeberg was compared with those of six other floras in the Cape Floristic Region, Cape Hangklip (HKL), Cederberg (CED), Swartboskloof (SBK), Cape Point (CP), Zuurberg National Park (ZNP) and Amatole Mountains (AM) using an analysis of percentage similarity of the data in Table 3. The southern Langeberg flora was ordered according to genera with ten or more species, ranked in descending order of abundance and then analysed together with the other floras using the unweighted pair-groups method using arithmetic averages (UPGMA) (Gauch 1982) with a percentage similarity coefficient (Kovach 1998).

RESULTS

The southern Langeberg has a rich flora with a total of 1 228 species and infraspecific taxa (referred to collectively as species) found in a total of 105 families and 361 genera (Table 1). There are relatively few pteridophytes and gymnosperms and at the generic, specific and infraspecific levels, monocotyledons number less than half the number of dicotyledons. Similar to other South African floras, the Asteraceae has the highest number of species, whereas the species:genus ratio (S/G ratio) is low (3.5), indicating a spread of species over a large number of genera (Table 2) (Gibbs Russell 1985). In contrast, the Ericaceae has a high S/G ratio (18.6) since it has many species concentrated in a few genera, notably *Erica* which has the greatest number of species per genus (130) of any genus recorded in the area, as well as the most endemic species (51) (Table 2). In the flora as a whole, the Geraniaceae has the highest S/G ratio since it is represented by only one genus, *Pelargonium* with 24 species (Tables 2 & 3). The flora has a 13.2% level of endemism with 167 endemic species (McDonald & Cowling 1995) with two endemic genera *Geissoloma* (Geissolomataceae) and *Langebergia* (Asteraceae) (Nordenstam 1996) and a single endemic monotypic family, the Geissolomataceae (Dahlgren & Rao 1969). Of the 1 228 species recorded, 111 of these are listed in the *Red Data List of southern African plants* (Hilton-Taylor 1996a, b; 1997) and reference should be made to these publications for the status of each of these species.

A comparison of the 25 largest genera in the southern Langeberg flora with the same genera in six other montane areas ranging from the Cederberg in the northwest to the Amatole Mountains in the east (Table 3) highlights the importance of the genus *Erica* in this flora. The respective areas are not comparable in size but this does not detract from the significant contribution of *Erica* as a genus to the flora of the southern Langeberg. No other genus in the southern Langeberg rivals *Erica* for total number of species nor for the number of endemics (McDonald & Cowling 1995). In the monocotyledons, the genera *Disa* and *Tetraria* are most diverse on the southern Langeberg, whereas *Restio* is most diverse in the Cape Hangklip area. *Helichrysum* and *Senecio* become

TABLE 1.—Numbers of families, genera and species in flora of southern Langeberg

	Pteridophytes		Gymnosperms		Monocots		Angiosperms		Grand Total
	Total	% of total	Total	% of total	Total	% of total	Total	% of total	
Family	14	13.3	2	1.9	16	15.2	73	69.5	105
Genus	23	5.8	2	0.6	98	27.3	238	66.3	361
Species	30	2.4	4	0.33	326	26.6	868	70.7	1 228

TABLE 2.—Numbers of genera and species taxa in families of southern Langeberg flora represented by 10 or more species. List ranked in descending order of abundance of species taxa and species:genus ratio is given for each family

Families	Genera		Species and intraspecific taxa		Species: genus ratio
	Total	% of total	Total	% of total	
Asteraceae	48	13.0	167	13.6	3.5
Ericaceae	7	1.9	130	10.6	18.6
Fabaceae	17	4.7	93	7.6	5.5
Restionaceae	17	4.7	78	6.3	4.6
Cyperaceae	9	2.4	56	4.5	6.2
Orchidaceae	15	4.7	56	4.5	3.7
Iridaceae	15	4.1	55	4.5	3.6
Proteaceae	9	2.4	52	4.2	5.7
Poaceae	19	5.2	41	3.3	2.2
Rutaceae	9	2.4	35	2.8	3.9
Geraniaceae	1	0.2	24	1.9	24.0
Apiaceae	8	2.2	23	1.9	2.9
Thymelaeaceae	4	1.1	21	1.7	5.3
Rosaceae	2	0.5	20	1.6	10.0
Campanulaceae	4	1.3	20	1.6	5.0
Lobeliaceae	3	0.8	19	1.5	6.3
Bruniaceae	8	2.2	17	1.4	2.1
Rhamnaceae	3	0.8	17	1.4	5.7
Santalaceae	3	0.8	17	1.4	5.7
Polygalaceae	2	0.5	16	1.3	8.0
Rubiaceae	9	2.4	15	1.2	1.7

TABLE 3.—Genera with ten or more species in flora of southern Langeberg (SLB), ranked in descending order of abundance and compared with same genera (ranking in parentheses) in following areas: Swartboskloof (SBK), Cape of Good Hope Nature Reserve (CP), Cape Hangklip area (HKL), Zuurberg National Park (ZNP), Cederberg (CED) and Amatole Mountains (AM)

Genus	No. of species						
	SLB	SBK	CP	HKL	ZNP	CED	AM
<i>Erica</i>	121	27 (1)	38 (1)	98 (1)	12 (4)	83 (1)	11 (4)
<i>Disa</i>	28	6 (9)	11 (9)	15 (9)	1 (15)	15 (12)	11 (4)
<i>Aspalathus</i>	26	19 (2)	22 (3)	35 (3)	8 (8)	54 (2)	2 (9)
<i>Pelargonium</i>	24	8 (8)	12 (8)	17 (7)	16 (3)	34 (4)	13 (3)
<i>Senecio</i>	24	14 (3)	19 (4)	22 (5)	34 (1)	25 (7)	50 (1)
<i>Tetraria</i>	23	11 (6)	19 (4)	15 (9)	7 (9)	17 (11)	2 (9)
<i>Ficinia</i>	21	10 (7)	26 (2)	27 (4)	3 (13)	24 (8)	5 (6)
<i>Cliffortia</i>	19	14 (3)	17 (6)	19 (6)	6 (10)	17 (11)	5 (6)
<i>Protea</i>	18	4 (11)	7 (13)	15 (9)	4 (12)	17 (11)	2 (9)
<i>Restio</i>	17	12 (5)	18 (5)	36 (2)	2 (14)	18 (10)	1 (10)
<i>Agathosma</i>	17	4 (11)	7 (13)	14 (10)	5 (11)	40 (3)	1 (10)
<i>Phyllis</i>	15	4 (11)	7 (13)	12 (12)	2 (14)	27 (6)	1 (10)
<i>Helichrysum</i>	15	14 (3)	10 (10)	16 (8)	21 (2)	19 (9)	49 (2)
<i>Leucadendron</i>	14	3 (12)	7 (13)	9 (15)	1 (15)	13 (14)	0 (11)
<i>Thesium</i>	14	8 (8)	16 (7)	13 (11)	9 (7)	18 (10)	2 (9)
<i>Lobelia</i>	14	2 (13)	8 (12)	16 (8)	5 (11)	7 (17)	4 (7)
<i>Indigofera</i>	13	2 (13)	9 (11)	15 (9)	11 (5)	12 (15)	10 (5)
<i>Psoralea</i>	13	5 (10)	7 (13)	10 (14)	3 (13)	8 (16)	1 (10)
<i>Ursinia</i>	12	6 (9)	5 (15)	5 (18)	1 (15)	14 (13)	2 (9)
<i>Wahlenbergia</i>	11	2 (13)	9 (11)	6 (17)	10 (6)	8 (16)	11 (4)
<i>Centella</i>	12	4 (11)	5 (15)	11 (13)	5 (11)	12 (15)	2 (9)
<i>Polygala</i>	11	3 (12)	6 (14)	7 (16)	7 (9)	8 (16)	9 (5)
<i>Elegia</i>	11	8 (8)	12 (8)	19 (6)	1 (15)	7 (17)	1 (10)
<i>Pentstemon</i>	10	13 (4)	12 (8)	16 (8)	4 (12)	28 (5)	3 (8)
<i>Stoebe</i>	10	6 (9)	6 (14)	10 (14)	0 (16)	8 (16)	2 (9)

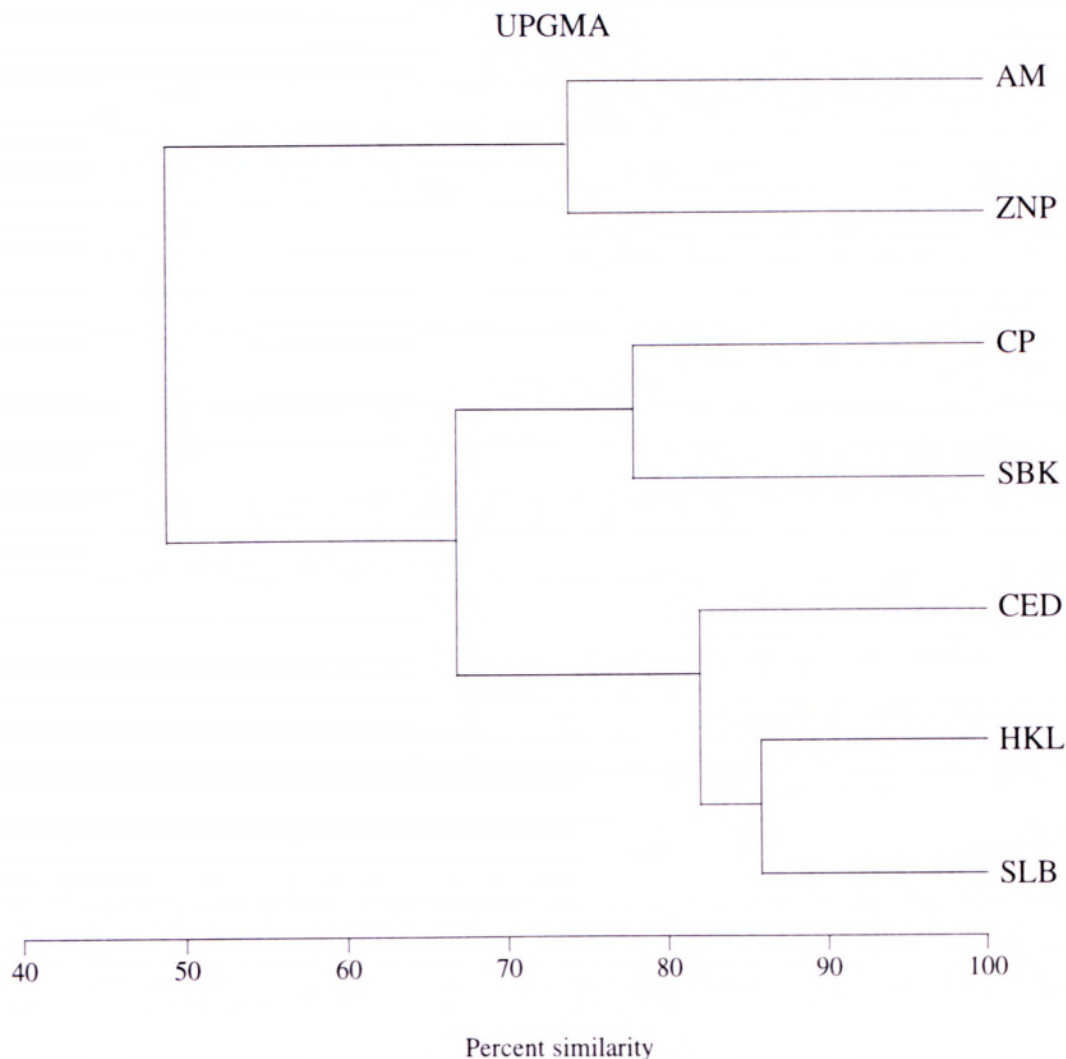


FIGURE 1.—Dendrogram showing percent similarity between the floras of different areas in the Cape Floristic Region (SLB, southern Langeberg; HKL, Cape Hangklip area; CED, Cederberg; SBK, Swartboskloof; CP, Cape Point; ZNP, Zuurberg National Park; AM, Amatole Mountains), using UPGMA (see text for analysis method).

more dominant towards the east in the Zuurberg and Amatole Mountains which experience mostly summer rainfall. *Aspalathus*, *Pelargonium*, *Agathosma*, *Phylica* and *Pentaschistis* are notable for their comparably greater diversity in the Cederberg (Taylor 1996). The ranking of genera according to species richness where genera are represented by 10 or more species (Table 3) shows greatest percentage similarity between the southern Langeberg and the Cape Hangklip area as described by an analysis of similarity or dissimilarity (Figure 1). The southern Langeberg is least similar to the Amatole Mountains and the Zuurberg.

DISCUSSION

Checklists of plants have an important role beyond the call for simple inventories of species. They serve as foundations for enumerating plant species and plant community diversity in given areas and by careful extrapolation, may be used as a guide to evaluate other similar areas, particularly those which are poorly con-

served or those threatened by changes in land use. In addition, they are useful to managers for monitoring areas under their jurisdiction, especially with respect to the location and status of threatened taxa.

The flora of the Zuurberg which is situated on the eastern fringe of the Cape Floristic Region is influenced by factors such as the amount of summer versus winter rainfall. The diversity of the flora of the Zuurberg is ascribed to the influence of four major phytochoria (Van Wyk *et al.* 1988). In contrast, the diversity of the southern Langeberg flora (which is within a single phytochorion) is a result of the high level of local endemism associated with the taxonomic diversity of the fynbos flora as well as with the diversity of habitats found on the mountain range (McDonald & Cowling 1995). This is true as well of other areas in the west of the Cape Floristic Region such as the Cape Hangklip area (Boucher 1977) and the Cape Peninsula (Taylor 1985). Comparisons between floras of different areas present problems due to variable sizes of the areas concerned. However, they place regional or local floras in phyto-

geographical perspective. Clearer distribution patterns will emerge as plant collections and hence checklists become more comprehensive. Greater availability of checklists in the fynbos will complement interpretation of the turnover of species along the complex ecological gradients in the Fynbos Biome, particularly in the mountains and will enhance understanding of patterns of speciation and diversity in the species-rich Cape flora (Goldblatt 1978; Linder 1985).

Although the checklist presented here is as comprehensive as possible there are still many gaps. Numerous species have been collected only once and often those collections were made in the latter half of the 1800's. Additional, more recent, knowledge of the distribution of these species is lacking. This is particularly so in the species-rich genus *Erica*. In the southern Langeberg there is a general paucity of collections from the high altitude zone with many records of species only from the easily accessible mountain passes. The distribution patterns of the flora of the southern Langeberg and the patterns of endemism as described by McDonald & Cowling (1995) will be more clearly understood once the gaps in collections are filled and more comprehensive lists of local floras are compiled.

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SYSTEMATIC CHECKLIST

The definitions and abbreviations which follow the collector's name and collection number are:

NBG, BOL, SAM, STEU: herbarium codes where the specimen is housed.

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CJG: a record from the list of Geldenhuys (1992).

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Broad habitat type where found: AR, arid north slopes; HAD, high-altitude dry slopes; HAW, high-altitude wet slopes; MSS, mesic south slopes.

Dispersal mode: A, ant; P, passive/unknown; VE, vertebrate; W, wind; WA, water.

* Listed in the *Red Data List of southern African plants* and subsequent updates (Hilton-Taylor 1996a, b, 1997).

PTERIDOPHYTA

LYCOPODIACEAE

Huperzia

gnidioides (L.f.) Trevis, McDonald 619 NBG, Ph, NS, HAW, P

Lycopodium

zanclophyllum J.H.Wilce, McDonald 963 NBG, Ph, NS, HAW, P

Lycopodiella

caroliniana (L.) Pic.Serm., Taylor 4772 NBG, Ph, NS, MSS, P

OSMUNDACEAE

Todea

barbara (L.) T.Moore, McDonald 1590 NBG, Ph, S, MSS, P

SCHIZAEACEAE

Schizaea

pectinata (L.) Sw., McDonald 1473 NBG, Ph, S, HAD, P

GLEICHENIACEAE

Gleichenia

polypodioides (L.) Sm., Fellingham 448 NBG, Ph, S, MSS, P

HYMENOPHYLLACEAE

Hymenophyllum

tunbrigense (L.) Sm., Willems 96 NBG, Ph, NS, MSS, P

PTERIDACEAE

Cheilanthes

viridis (Forssk.) Sw. var. viridis, CJG, Ph, NS, MSS, P

Pellaea

calomelanos (Sw.) Link, T.J. van der Merwe 122 NBG, Ph, S, AR, P

Pteris

buchananii Baker ex Sim, Schelpe 1028 NBG, Ph, NS, MSS, P
dentata Forssk., Taylor 1030, Ph, NS, MSS, P

CYATHEACEAE

Cyathea

capensis (L.f.) Sm., Barker 8814 NBG, Ph, U, MSS, P

DENNSTAEDTIACEAE

Pteridium

aquilinum (L.) Kuhn, McDonald 1592 NBG, Ph, S, MSS, P

Hypolepis

sparsisora (Schrad.) Kuhn, P.J. van der Merwe s.n. NBG, Ph, NS, MSS, P

Histiopteris

incisa (Thunb.) Sm., CJG, Ph, NS, MSS, P

POLYPODIACEAE

Microsorium

ensiforme (Thunb.) Schelpe, Taylor 7777 NBG, Eph, NS, MSS, P

Pleopeltis

macrocarpa (Bory ex Willd.) Kaulf., Taylor 3546 NBG, Eph, NS, MSS, P

THELYPTERIDACEAE

Thelypteris

bergiana (Schltdl.) Ching, Holland 1865 NBG, Ph, NS, MSS, P

LOMARIOPSIDACEAE

Elaphoglossum

angustatum (Schrad.) Hieron, McDonald 1271 NBG, Ph, NS, MSS, P

DRYOPTERIDACEAE

Rumohra

adiantiformis (G.Forst.) Ching, Taylor 7593 NBG, Ph, NS, MSS, P

Dryopteris

inaequalis (Schltdl.) Kunze, CJG, Ph, NS, MSS, P

Polystichum

pungens (Kaulf.) C.Presl, Roux 2378 NBG, Ph, NS, MSS, P

ASPLENIACEAE

Asplenium

adiantum-nigrum L., X, Ph, NS, MSS, P

aethiopicum (Burm.f.) Bech., McDonald 1587 NBG, Ph, NS, MSS, P

rutifolium (P.J.Bergius) Kunze, Kruger 1309 NBG, Ph, NS, MSS, P

BLECHNACEAE

Blechnum

attenuatum (Sw.) Mett. var. giganteum (Kaulf.) Bonap., X, Ph, S, MSS, P

australe L. var. australe, Willems 92 NBG, Ph, S, MSS, P

capense Burm.f., CJG, Ph, S, MSS, P

punctulatum Sw. var. punctulatum, Roux 278 NBG, Ph, S, MSS, P

tabulare (Thunb.) Kuhn, X, Ph, S, MSS, P

GYMNOSPERMAE

PODOCARPACEAE

Podocarpus

elongatus (Aiton) L'Hér. ex Pers., X, T, NS, MSS, VE

falcatus (Thunb.) R.Br. ex Mirb., CJG, T, NS, MSS, VE

latifolius (Thunb.) R.Br. ex Mirb., Taylor 339 NBG, T, NS, MSS, VE

CUPRESSACEAE

Widdringtonia

cupressoides (L.) Endl., Dryfhout 4088 NBG, TSH, S, MSS, W

ANGIOSPERMAE-MONOCOTYLEDONAE

POACEAE

Imperata

cylindrica (L.) Raeusch., X, HE, S, MSS, P

Andropogon

appendiculatus Nees, Taylor 7579 NBG, HE, S, MSS, P

Cymbopogon

marginatus (Steud.) Stapf ex Burt Davy, McDonald 1745 NBG, E, S, HAD, P

Hyparrhenia

hirta (L.) Stapf, Andrag 7 NBG, HE, S, MSS, P

Heteropogon

contortus (L.) Roem. & Schult., McDonald 1853 NBG, HE, S, AR, P

Themeda

triandra Forssk., X, HE, S, MSS, P

Oplismenus

hirtellus (L.) P.Beauv., Mathews 1493 NBG, HE, S, MSS, P

Melinis

nervigulumis (Franch.) Zizka, McDonald 1073 NBG, HE, S, MSS, P

Ehrharta

calycina *Sm.*, CJG, HE, S, MSS, P
capensis *Thunb.*, *Bohnen* 6721 NBG, HE, S, HAD, P
dura *Nees ex Trin.*, *McDonald* 1519 NBG, HE, S, HAW, P
ramosa (*Thunb.*) *Thunb.*, *McDonald* 1433 NBG, HE, S, HAW, P
rupestris *Nees ex Trin.* subsp. *tricostata* (*Stapf*) *Gibbs Russell, Crook* 2268 NBG, HE, S, HAW, P
setacea *Nees* subsp. *scabra* (*Stapf*) *Gibbs Russ.*, *McDonald* 1527 NBG, HE, S, HAW, P

Anthoxanthum

tongo (*Trin.*) *Stapf, McDonald* 960 NBG, HE, S, HAW, P

Tristachya

leucothrix *Nees*, X, HE, S, MSS, P

Merxmuellera

arundinacea (*P.J.Bergius*) *Conert, McDonald* 1115 NBG, HE, S, AR, P
cincta (*Nees*) *Conert*, X, HE, S, MSS, P
decora (*Nees*) *Conert, McDonald* 1525 NBG, HE, S, HAD, P
disticha (*Nees*) *Conert*, X, E, S, MSS, P
rufa (*Nees*) *Conert*, X, HE, S, HAW, P
stricta (*Schrad.*) *Conert, McDonald* 1272 NBG, HE, S, HAD, P

Pentaschistis

acinosa *Stapf, McDonald* 1518 NBG, HE, S, MSS, P
argentea *Stapf, McDonald* 1743 NBG, HE, S, HAD, P
capensis (*Nees*) *Stapf, McDonald* 1478 NBG, HE, S, HAW, P
colorata (*Steud.*) *Stapf, McDonald* 1187 NBG, HE, S, MSS, P
curvifolia (*Schrad.*) *Stapf, McDonald* 2000 NBG, HE, S, MSS, P
eristoma (*Nees*) *Stapf, McDonald* 1006 NBG, HE, S, AR, P
malouinensis (*Steud.*) *Clayton, McDonald* 1526 NBG, HE, S, MSS, P
pallida (*Thunb.*) *H.P.Linder, McDonald* 1457 NBG, HE, S, HAD, P *
rigidissima *Pilg. ex H.P. Linder, McDonald* 1240 NBG, HE, S, AR, P
viscidula (*Nees*) *Stapf, McDonald* 1465 NBG, HE, S, AR, P

Pentameris

macrocalycina (*Steud.*) *Schweick., McDonald* 1833 NBG, HE, S, HAW, P
thuarii *P.Beauv., McDonald* 1427 NBG, HE, S, HAW, P

Aristida

junciformis *Trin. & Rupr., Stehle* 234 NBG, HE, S, MSS, P

Eragrostis

capensis (*Thunb.*) *Trin., Taylor* 7601 NBG, HE, S, MSS, P
curvula (*Schrad.*) *Nees*, X, HE, S, MSS, P

Tribolium

brachystachyum (*Nees*) *Renvoize, McDonald* 1233 NBG, HE, S, HAD, P
uniolae (*L.f.*) *Renvoize, McDonald* 1523 NBG, HE, S, MSS, P

Festuca

scabra *Vahl, McDonald* 1741 NBG, HE, S, HAD, P

Brachypodium

flexum *Nees*, CJG, HE, S, MSS, P

CYPERACEAE

Ficinia

acuminata (*Nees*) *Nees, Haynes* 1482 NBG, HE, NS, MSS, P
albicans *Nees, McDonald* 1420 NBG, HE, NS, MSS, P
capillifolia (*Schrad.*) *C.B.Clarke*, X, HE, NS, MSS, P
deusta (*P.J.Bergius*) *Levyns*, X, HE, NS, HAD, P
distsans *C.B.Clarke, McDonald* 1232a NBG, HE, NS, HAD, P
elongata *Boeck, McDonald* 2002 NBG, HE, NS, AR, P
filiformis (*Lam.*) *Schrad., McDonald* 1872 NBG, HE, NS, AR, P
laciniata (*Thunb.*) *Nees, McDonald* 2054 NBG, HE, NS, MSS, P
levynsiae *T.H.Arnold & Gordon-Gray, McDonald* 1854 NBG, HE, NS, AR, P
macowanii *C.B.Clarke, Forsyth* 443 NBG, HE, NS, MSS, P
monticola *Kunth, McDonald* 973 NBG, HE, NS, HAW, P
nigrescens (*Schrad.*) *J.Raynal, McDonald* 1010 NBG, HE, NS, AR, P
cf. *paradoxa* (*Schrad.*) *Nees, McDonald* 1124 NBG, HE, NS, HAD, P
cf. *pinguior* *C.B.Clarke*, X, HE, NS, HAD, P
quinquangularis *Boeck., Esterhuysen* 14440 NBG, HE, NS, HAW, P
radiata (*L.f.*) *Kunth, Taylor* 4766 NBG, HE, NS, MSS, P
stolonifera *Boeck., Taylor* 3227 NBG, HE, NS, MSS, P
trichodes (*Schrad.*) *Benth. & Hook.f., McDonald* 2003 NBG, HE, NS, MSS, P
trispicata (*L.f.*) *Druce, Taylor* 3224 NBG, HE, NS, MSS, P
tristachya (*Rottb.*) *Nees, Taylor* 7692 NBG, HE, NS, MSS, P
zeyheri *Boeck., Haynes* 1480 NBG, HE, NS, HAD, P

Schoenoplectus

paludicola (*Kunth*) *Palla ex J.Raynal*, X, HE, NS, MSS, P

Isolepis

digitata *Schrad.*, X, HE, NS, MSS, P
fluitans (*L.*) *R.Br.*, X, HE, NS, MSS, P
rubicunda *Kunth*, X, HE, NS, MSS, P

Epischoenus

cf. *adnatus* *Levyns*, X, HE, NS, HAW, P
dregeanus (*Boeck.*) *Levyns, Taylor* 7615 NBG, HE, NS, HAW, P
lucidus (*C.B.Clarke*) *Levyns, McDonald* 1668 NBG, HE, NS, HAW, P
quadrangularis (*Boeck.*) *C.B.Clarke, McDonald* 1430 NBG, HE, NS, HAW, P

Costularia

brevicaulis *C.B.Clarke, McDonald* 1895 NBG, HE, NS, HAD, P

Tettraria

bolusii *C.B.Clarke, McDonald* 2056 NBG, HE, NS, MSS, P
brachyphylla *Levyns*, X, HE, NS, MSS, P *
bromoides (*Lam.*) *Pfeiff., McDonald* 1834 NBG, HE, NS, HAW, P
burmannii (*Vahl.*) *C.B.Clarke, McDonald* 1032 NBG, HE, NS, MSS, P
capillacea (*Thunb.*) *C.B.Clarke, McDonald* 1666 NBG, HE, NS, HAD, P
compar (*L.*) *T.Lestib., Esterhuysen* 17228 BOL, HE, NS, HAW, P
compressa *Turrill, McDonald* 1047 NBG, HE, NS, HAW, P
crassa *Levyns, McDonald* 2022 NBG, HE, NS, MSS, P
cuspidata (*Rottb.*) *C.B.Clarke, McDonald* 1652 NBG, HE, NS, MSS, P
fasciata (*Rottb.*) *C.B.Clarke, McDonald* 1669 NBG, HE, NS, HAD, P
fimbriolata (*Nees*) *C.B.Clarke, McDonald* 1554 NBG, HE, NS, HAD, P
flexuosa (*Thunb.*) *C.B.Clarke, McDonald* 1076 NBG, HE, NS, MSS, P
fourcadei *Turrill & Schönland, McDonald & Morley* 1120 NBG, HE, S, HAW, P
involucrata (*Rottb.*) *C.B.Clarke, McDonald* 1675 NBG, HE, NS, HAD, P
microstachys (*Vahl*) *Pfeiff., Taylor* 3233 NBG, HE, NS, MSS, P
picta (*Boeck.*) *C.B.Clarke, McDonald* 1848 NBG, HE, NS, AR, P
pillansii *Levyns, McDonald* 1139 NBG, HE, NS, HAW, P
robusta (*Kunth*) *C.B.Clarke*, X, HE, NS, MSS, P
secans *C.B.Clarke, Esterhuysen* 18504 BOL, HE, NS, MSS, P
thermalis (*L.*) *C.B.Clarke, McDonald* 1157 NBG, HE, S, HAD, P
ustulata (*L.*) *C.B.Clarke, McDonald* 1117 NBG, HE, NS, HAD, P
vaginata *Schönland & Turrill, Esterhuysen* 35072 BOL, HE, NS, HAW, P

Cyathocoma

hexandra (*Nees*) *Browning, McDonald* 1529 NBG, HE, S, MSS, P

Chrysithrix

capensis *L., McDonald* 974 NBG, HE, NS, HAW, P

Schoenoxiphium

lanceum (*Thunb.*) *Kük.*, X, HE, NS, MSS, P
lehmanii (*Nees*) *Steud.*, CJG, HE, NS, MSS, P *

Carex

aethiopica *Schkuhr, P.J. van der Merwe* 1386 NBG, HE, NS, MSS, P

ARACEAE

Zantedeschia

aethiopica (*L.*) *Spreng.*, X, G, S, MSS, P

RESTIONACEAE

Staberoha

cernua (*L.f.*) *T.Durand & Schinz, McDonald* 1867 NBG, H, S, HAD, P

Ischyrolepis

affinis *Esterh., Esterhuysen* 35612 NBG, **Endemic**, H, S, HAW, P
capensis (*L.*) *H.P.Linder, McDonald* 1106 NBG, H, S, HAD, P
curviramis (*Kunth*) *H.P.Linder, Esterhuysen* 32901 BOL, H, S, MSS, P
gaudichaudiana (*Kunth*) *H.P.Linder, McDonald* 1851 NBG, H, S, AR, P
hystrix (*Mast.*) *H.P.Linder, McDonald* 2020 NBG, H, S, MSS, P
laniger (*Kunth*) *H.P.Linder*, X, H, S, HAW, P
ocreata (*Kunth*) *H.P.Linder*, X, H, S, HAD, P
sieberi (*Kunth*) *H.P.Linder, McDonald* 1119 NBG, H, S, AR, P
triflora (*Rottb.*) *H.P.Linder*, X, H, S, MSS, P

Elegia

asperiflora (*Nees*) *Kunth, McDonald* 1667 NBG, H, S, HAD, P
caespitosa *Esterh., McDonald* 1530 NBG, H, S, MSS, P
capensis (*Burm.f.*) *Schelpke, Bohnen* 8923 NBG, H, S, MSS, P

Elegia (cont.)

- coleura *Nees ex Mast.*, X, H, S, MSS, P
 equisetacea (*Mast.*) *Mast.*, McDonald 1419 NBG, H, S, MSS, P
 filacea *Mast.*, McDonald 1068 NBG, H, NS, HAD, P
 fistulosa *Kunth*, McDonald 1850 NBG, H, S, AR, P
 galpinii *N.E.Br.*, Bohnen 9085 NBG, H, S, AR, P
 juncea *L.*, McDonald 1116 NBG, H, S, MSS, P
 neesii *Mast.*, X, H, S, MSS, P
 racemosa (*Poir.*) *Pers.*, Esterhuysen 30877 BOL, H, S, MSS, P

Chondropetalum

- ebracteatum (*Kunth*) *Pillans*, Esterhuysen 33426 NBG, H, S, HAD, P
 mucronatum (*Nees*) *Pillans*, McDonald 1406 NBG, H, S, HAW, P

Askidiosperma

- paniculatum (*Mast.*) *H.P.Linder*, McDonald 1858 NBG, H, S, AR, P

Platycaulos

- acutus *Esterh.*, McDonald 1038 NBG, **Endemic**, H, S, HAD, P
 anceps (*Mast.*) *H.P.Linder*, McDonald 1059 NBG, H, S, HAW, P
 compressus (*Rottb.*) *H.P.Linder*, Esterhuysen 10428 NBG, H, S, HAW, P

- major (*Mast.*) *H.P.Linder*, McDonald 1054 NBG, H, S, MSS, P

Restio

- arcuatus *Mast.*, McDonald 1612 NBG, **Endemic**, H, S, MSS, P
 capillaris *Kunth*, Burchell 7430 BOL, H, S, MSS, P
 colliculospermus *H.P.Linder*, Esterhuysen 33420 BOL, H, S, HAW, P
 communis *Pillans*, Esterhuysen 31792 NBG, H, S, MSS, P *
 decipiens (*N.E.Br.*) *H.P.Linder*, Esterhuysen 33303 NBG, **Endemic**, H, S, HAW, P
 filiformis *Poir.*, McDonald 1063 NBG, H, S, HAD, P
 fragilis *Esterh.*, Esterhuysen 33242 NBG, **Endemic**, H, S, HAW, P
 implicatus *Esterh.*, McDonald 1179 NBG, **Endemic**, H, S, MSS, P
 inconspicuus *Esterh.*, McDonald 1042 NBG, H, S, HAD, P
 peculiaris *Esterh.*, Esterhuysen 34519 NBG, **Endemic**, H, S, HAD, P
 perplexus *Kunth*, Esterhuysen 31772 BOL, H, S, HAD, P
 perseverans *Esterh.*, Esterhuysen 35904 NBG, **Endemic**, H, S, HAD, P
 scaberulus *N.E.Br.*, McDonald 1278 NBG, H, S, HAW, P
 secundus (*Pillans*) *H.P.Linder*, Esterhuysen 31767 NBG, **Endemic**, H, S, HAW, P
 stokoei *Pillans*, Esterhuysen 1143 NBG, H, S, HAW, P
 strictus *N.E.Br.*, Esterhuysen 1840 NBG, H, S, HAW, P
 triticeus *Rottb.*, Kruger 1278 NBG, H, S, MSS, P

Calopsis

- burchellii (*Mast.*) *H.P.Linder*, Bohnen 8679 NBG, H, S, MSS, P
 filiformis (*Mast.*) *H.P.Linder*, X, H, S, MSS, P
 marlothii (*Pillans*) *H.P.Linder*, McDonald 2092 NBG, H, S, AR, P
 membranacea (*Pillans*) *H.P.Linder*, McDonald 2062 NBG, H, S, MSS, P
 monostylis (*Pillans*) *H.P.Linder*, McDonald 1665 NBG, **Endemic**, H, S, HAW, P *
 muiirii (*Pillans*) *H.P.Linder*, Kruger 1272 NBG, **Endemic**, H, S, AR, P
 paniculata (*Rottb.*) *Desv.*, McDonald 1426 NBG, H, S, MSS, P
 rigida (*Mast.*) *H.P.Linder*, X, H, S, AR, P

Thamnochortus

- amoena *H.P.Linder*, McDonald 1577 NBG, **Endemic**, H, S, AR, P
 cinereus *H.P.Linder*, McDonald 1855 NBG, H, S, HAW, P
 ellipticus *Pillans*, McDonald 2100 NBG, **Endemic**, H, S, AR, P *
 karooica *H.P.Linder*, McDonald 1002 NBG, **Endemic**, H, S, AR, P

Rhodocoma

- alpina *H.P.Linder & Vlok*, McDonald 1860 NBG, H, S, HAD, P
 fruticosa (*Thunb.*) *H.P.Linder*, McDonald 1432 NBG, H, S, MSS, P
 gigantea (*Kunth*) *H.P.Linder*, McDonald 1290 NBG, H, S, MSS, P

Ceratocaryum

- argenteum *Nees ex Kunth*, McDonald 1406a NBG, H, S, HAD, P
 decipiens (*N.E.Br.*) *H.P.Linder*, McDonald 1849a NBG, H, S, HAD, P
 fistulosum *Mast.*, X, **Endemic**, H, S, MSS, P *

Cannomois

- parviflora (*Thunb.*) *Pillans*, McDonald & Morley 1003 NBG, H, S, HAD, P
 virgata (*Rottb.*) *Steud.*, McDonald 2035 NBG, H, NS, HAW, P

Nevillea

- sp. nov., McDonald 2045 NBG, H, S, MSS, P

Anthochortus

- crinalis (*Mast.*) *H.P.Linder*, McDonald 1149 NBG, H, S, HAW, P
 ecklonii *Nees*, McDonald 1094 NBG, H, S, HAW, P

Mastersiella

- purpurea (*Pillans*) *H.P.Linder*, McDonald & Morley 1132 NBG, H, S, HAD, P

Hypodiscus

- albo-aristatus (*Nees*) *Mast.*, McDonald 1856 NBG, H, S, MSS, A
 argenteus (*Thunb.*) *Mast.*, McDonald 986 NBG, H, S, MSS, A
 aristatus (*Thunb.*) *C.Krauss*, Bohnen 8432 NBG, H, S, MSS, A
 laevigatus (*Kunth*) *H.P.Linder*, Muir 3181 NBG, H, S, AR, A
 montanus *Esterh.*, Esterhuysen 34521 NBG, **Endemic**, H, S, HAD, A
 striatus (*Kunth*) *Mast.*, McDonald 1125 NBG, H, S, AR, A
 synchroolepis (*Steud.*) *Mast.*, Esterhuysen 31761 BOL, H, S, MSS, A

Willdenowia

- bolusii *Pillans*, McDonald 2102 NBG, H, S, AR, P
 glomerata (*Thunb.*) *H.P.Linder*, McDonald 1849 NBG, H, S, AR, P

JUNCACEAE**Pronium**

- serratum (*L.f.*) *Drège ex E.Mey.*, X, MSH, S, MSS, P *

Juncus

- lomtophyllus *Spreng.*, Taylor 1044 NBG, HE, NS, MSS, P

COLCHICACEAE**Wurmbea**

- variabilis *B.Nord.*, McDonald 1637 NBG, G, S, AR, W

ASPHODELACEAE**Bulbine**

- mesembryanthemoides *Haw.*, X, G, S, MSS, W
 tuberosa (*Mill.*) *Oberm.*, X, G, S, MSS, W

Caesia

- contorta (*L.f.*) *T.Durand & Schinz.*, McDonald 1871 NBG, HE, NS, HAD, P

Kniphofia

- uvaria (*L.*) *Oken*, McDonald 1260 NBG, G, S, HAW, W

Aloe

- arborescens *Mill.*, X, SUC, S, AR, W
 gracilis *Haw.* var. *decumbens* *Reynolds*, Bruyns 2844 BOL, SUC, S, MSS, W
 mitriformis *Mill.*, X, SUC, S, AR, W

Haworthia

- floribunda *Poelln.*, De Kock 318 NBG, SUC, NS, AR, P *
 turgida *Haw.*, Bayer 2672, SUC, NS, AR, P

ANTHERICACEAE**Chlorophytum**

- comosum (*Thunb.*) *Jacq.*, Taylor 3220 NBG, G, S, MSS, P
 crispum (*Thunb.*) *Baker*, Bohnen 8440 NBG, G, S, MSS, P

AGAPANTHACEAE**Agapanthus**

- africanus (*L.*) *Hoffmans.*, Viviers 1106 NBG, G, S, MSS, W

HYACINTHACEAE**Albuca**

- tenuifolia *Baker*, McDonald 1640 NBG, G, S, AR, W

Tenicroa

- exuviata (*Jacq.*) *Speta*, McDonald 1971 NBG, G, S, MSS, W

Rhadamanthus

- albiflorus *B.Nord.*, X, **Endemic**, G, S, MSS

Ornithogalum

- dubium *Houtt.*, McDonald 1641 NBG, G, S, AR, W
 longibracteatum *Jacq.*, CJG, G, S, MSS, W
 niveum *Aiton*, X, G, S, HAW, W

ASPARAGACEAE**Asparagus**

- aethiopicus *L.*, Mauve & Hugo 230 NBG, G, S, MSS, VE
 asparagoides (*L.*) *W.Wight*, Mauve & Hugo 250 NBG, V, S, MSS, VE
 declinatus *L.*, McDonald 1999 NBG, V, S, MSS, VE
 macowanii *Baker*, CJG, G, S, MSS, VE
 ramosissimus *Baker*, Lewis 5941 NBG, V, S, MSS, VE
 rubicundus *P.J.Bergius*, Taylor 1036 NBG, LSH, S, MSS, VE
 scandens *Thunb.*, Zeyher 8507b NBG, V, S, MSS, VE
 setaceus (*Kunth*) *Jessop*, Taylor 331 NBG, HE, S, MSS, VE
 striatus (*L.f.*) *Thunb.*, Bohnen 8442 NBG, LSH, S, MSS, VE

HAEMODORACEAE

Dilatris

ixioides Lam., McDonald 1099 NBG, G, S, AR, P
viscosa L.f., McDonald 1513 NBG, G, S, MSS, P

Wachendorfia

thyrsiflora Burm., Haynes 1501 NBG, G, S, MSS, P

AMARYLLIDACEAE

Haemanthus

coccineus L., X, G, S, MSS, P

Nerine

humilis (Jacq.) Herb., Du Plessis 33 NBG, G, S, MSS, W *

Cyrtanthus

ochroleucus (Herb.) Burch. ex Steud., Oliver 8639 NBG, G, S, MSS, W
odorus Ker Gawl., Viviers 186 NBG, G, S, MSS, W *

HYPOXIDACEAE

Spiloxene

flaccida (Nel) Garside, Haynes 633 NBG, G, S, MSS, P

LANARIACEAE

Lanaria

lanata (L.) T.Durand & Schinz, Van Wyk 346 NBG, H, S, MSS, P

IRIDACEAE

Moraea

angusta (Thunb.) Ker Gawl., McDonald 1988 NBG, G, S, MSS, W
gawleri Spreng., Wurts 277 NBG, G, S, MSS, W
inconspicua Goldblatt, McDonald 1643 NBG, G, S, AR, W
neglecta G.J.Lewis, X, G, S, MSS, W
ramosissima (L.f.) Druce, Wurts 452 NBG, G, S, MSS, W
tripetala (L.f.) Ker Gawl., Lamb 12 NBG, G, S, MSS, W
unguiculata Ker Gawl., Wurts 364 NBG, G, S, MSS, W

Dietes

iridioides (L.) Sweet ex Klatt, Taylor 330 NBG, G, S, MSS, P

Bobartia

macrospatha Baker subsp. anceps (Baker) Strid, McDonald 2055 NBG, **Endemic**, G, S, MSS, P *
macrospatha Baker subsp. macrospatha, McDonald 1410 NBG, G, S, MSS, P
parva J.B.Gillett, Stirton 10223 NBG, **Endemic**, G, S, HAW, P *

Aristea

africana (L.) Hoffmans., T.J. van der Merwe 156, G, S, AR, P
bakeri Klatt, X, G, S, MSS, P
confusa Goldblatt, Ruiters 44 NBG, G, S, MSS, P
ensifolia J.Muir, CJG, G, S, MSS, P
major Andrews, McDonald 1048 NBG, G, S, MSS, P
monticola Goldblatt, McDonald 1445 NBG, G, S, MSS, P
racemosa Baker var. racemosa, McDonald 1898 NBG, G, S, HAD, P

Nivenia

argentea Goldblatt, McDonald 1797 NBG, LSH, S, HAW, P
fruticosa (L.f.) Baker, McDonald 1793 NBG, **Endemic**, LSH, S, HAW, P *

Klattia

partita Baker, McDonald 1835 NBG, LSH, S, HAW, P *

Geissorhiza

aspera Goldblatt, Taylor 4228 NBG, G, S, MSS, P
burchellii R.C.Foster, Stirton & Zantovska 11276 NBG, G, S, MSS, P *
foliosa Klatt, McDonald 1956a NBG, G, S, MSS, P
ovata (Burm.f.) Asch. & Graebn., Hugo 2707 NBG, G, S, MSS, P
parva Baker, Wurts 389 NBG, G, S, MSS, P
ramosa Ker Gawl. ex Klatt., Ruiters 42 NBG, G, S, MSS, P

Ixia

gloriosa G.J.Lewis, X, G, S, AR, W
micrandra Baker var. micrandra, De Vos 2689 NBG, G, S, MSS, W
stohrii L.Bolus, Ruiters 19 NBG, **Endemic**, G, S, MSS, W

Tritonia

cooperi (Baker) Klatt subsp. cooperi, McDonald 2032 NBG, LSH, S, MSS, W

Babiana

fourcadei G.J.Lewis, Marsh 865 NBG, G, S, MSS, P

Gladiolus

bilineatus G.J.Lewis, Wurts 10 NBG, G, S, MSS, W *

carneus D.Delaroche, Kuun STEU11001 NBG, G, S, MSS, W
crispulatus L.Bolus, McDonald 1472, **Endemic**, G, S, MSS, W
emiliae L.Bolus, Taylor 7693 NBG, G, S, MSS, W *
engysiphon G.J.Lewis, X, G, S, MSS, W *
liliaceus Houtt., McDonald 1230 NBG, G, S, MSS, W
permeabilis D.Delaroche subsp. permeabilis, McDonald 1975 NBG, G, S, AR, W
rogersii Baker var. rogersii, McDonald 975 NBG, G, S, MSS, W

Tritoniopsis

burchellii (N.E.Br.) Goldblatt, X, G, S, AR, W
caffra (Ker Gawl. ex Baker) Goldblatt, Haynes 1388 NBG, G, S, AR, W
nervosa (Baker) G.J.Lewis, McDonald 1636 NBG, G, S, AR, W
ramosa (Eckl. ex Klatt) G.J.Lewis var. robusta G.J.Lewis, McDonald 1161 NBG, G, S, HAW, W
ramosa (Eckl. ex Klatt) G.J.Lewis var. unguiculata (Baker) G.J.Lewis, Lewis 5381 NBG, G, S, HAW, W
revoluta (Burm.f.) Goldblatt, Bohnen 8429 NBG, G, S, MSS, W
triticea (Burm.f.) Goldblatt, Marsh 1106 NBG, G, S, AR, W

Lapeirousia

micrantha (E.Mey. ex Klatt) Baker, Taylor 4224 NBG, G, S, MSS, W

Watsonia

angusta Ker Gawl., Viviers 1128 NBG, G, S, MSS, W
emiliae L.Bolus, E. Ferguson BOL19975, G, S, HAW, W *
fourcadei J.W.Mathews & L.Bolus, McDonald 1235 NBG, G, S, AR, W *
knysnana L.Bolus, McDonald 2034 NBG, G, S, HAW, W
laccata (Jacq.) Ker Gawl., Taylor 7211 NBG, G, S, MSS, W *
schlechteri L.Bolus, De Kock 108 NBG, G, S, MSS, W

Freesia

sparrmannii (Thunb.) N.E.Br., McDonald 1192 NBG, **Endemic**, G, S, MSS, W *

ORCHIDACEAE

Holothrix

cernua (Burm.f.) Schelpe, Thompson 3285 NBG, G, S, MSS, W
exilis Lindl., X, G, S, MSS, W
mundii Sond., X, G, S, MSS, W *
parviflora (Lindl.) Rchb.f., Marsh 681 NBG, G, S, MSS, W
secunda (Thunb.) Rchb.f., Tolken 1585 NBG, G, S, AR, W
villosa Lindl., Mauve & Hugo 233 NBG, G, S, MSS, W

Bartholina

etheliae Bolus, McDonald 1796 NBG, G, S, HAW, W

Bonatea

speciosa (L.f.) Willd., X, G, NS, MSS, W

Pachites

appressa Lindl., Viviers 944 NBG, **Endemic**, G, S, HAW, W *

Satyrrium

acuminatum Lindl., McDonald 1623 NBG, G, S, MSS, W
lupulinum Lindl., McDonald 1539 NBG, G, S, HAW, W
stenopetalum Lindl. subsp. stenopetalum, Bohnen 9154, G, S, MSS, W

Schizodium

bifidum (Thunb.) Rchb.f., McDonald 1993 NBG, G, S, MSS, W
inflexum Lindl., McDonald 1477 NBG, G, S, HAW, W
obliquum Lindl. subsp. clavigerum (Lindl.) H.P.Linder, McDonald 918 NBG, G, S, MSS, W

Disa

atricapilla (Harv. ex Lindl.) Bolus, X, G, S, MSS, W
aurata (Bolus) L.Parker & Koopowitz, McDonald 1886 NBG, **Endemic**, HE, S, HAW, WA
bivalvata (L.f.) T.Durand & Schinz, Thompson 640 NBG, G, S, HAW, W
bolusiana Schltr., X, G, S, HAW, W
bracteata Sw., McDonald 1994 NBG, G, S, MSS, W
cardinalis H.P.Linder, Burger 1 NBG, **Endemic**, HE, NS, HAW, WA
cornuta (L.) Sw., McDonald 1540 NBG, G, S, HAW, W
fasciata Lindl., Galpin 4618, G, S, MSS, W
ferruginea (Thunb.) Sw., McDonald 1255 NBG, G, S, HAW, W
filicornis (L.f.) Thunb., McDonald 1789 NBG, G, S, HAW, W
gladioliflora Lindl. subsp. capricornis (Rchb.f.) H.P.Linder, McDonald 1253 NBG, **Endemic**, G, S, HAW, W
glandulosa Burch. ex Lindl., McDonald 1887 NBG, HE, S, HAW, W
graminifolia Ker Gawl. ex Spreng., Wurts 558 NBG, G, S, HAD, W
hians (L.f.) Spreng., McDonald 1788 NBG, G, S, HAD, W
micropetala Schltr., Esterhuysen 33425 NBG, G, S, HAW, W *
obtusata Lindl. subsp. picta (Sond.) H.P.Linder, Linder 1605 NBG, G, S, HAW, W

Disa (cont.)

- ophrydea (Lindl.) Bolus, McDonald 1207 NBG, G, S, HAW, W
 reticulata Bolus, Barker 8838 NBG, G, S, MSS, W
 rufescens (Thunb.) Sw., Taylor 8264 NBG, G, S, MSS, W
 sagittalis (L.f.) Sw., McDonald 1677 NBG, HE, S, MSS, W
 schizodioides Sond., Wurts 530 NBG, G, S, HAW, W
 schlechteriana Bolus, McDonald 1794 NBG, **Endemic**, G, S, AR, W
 subtenuicornis H.P.Linder, Linder 1708 NBG, **Endemic**, G, S, HAW, W *
- tenuifolia Sw., Linder 2788 BOL, G, S, MSS, W
 tripetaloides (L.f.) N.E.Br., McDonald 1504 NBG, HE, S, HAW, WA *
- uncinata Bolus, McDonald 1476 NBG, HE, S, HAW, WA
 vasselotii Bolus ex Schltr., McDonald 1891 NBG, G, S, HAW, W

Disperis

- capensis (L.) Sw., McDonald 1186 NBG, G, S, HAW, W
 paludosa Harv. ex Lindl., McDonald 1084a NBG, G, S, HAW, W

Pterygodium

- acutifolium Lindl., McDonald 1622 NBG, G, S, MSS, W
 catholicum (L.) Sw., Wurts 2188 NBG, G, S, MSS, W

Ceratandra

- atrata (L.) T.Durand & Schinz, McDonald 2011 NBG, G, S, MSS, W

Corycium

- carnosum (Lindl.) Rolfe, McDonald 1470 NBG, G, S, MSS, W
 orobanchoides (L.f.) Sw., X, G, S, MSS, W

Acrolophia

- barbata (Thunb.) H.P.Linder, McDonald 1481 NBG, G, S, HAW, W
 capensis (P.J.Bergius) Fourc., McDonald 1791 NBG, G, S, HAD, W

Polystachya

- ottoniana Rchb.f., Taylor 335 NBG, Ep, NS, MSS, W

Eulophia

- aculeata (L.f.) Spreng. subsp. aculeata, McDonald 1475 NBG, G, S, HAD, W

Angraecum

- pusillum Lindl., McDonald 1593 NBG, Ep, NS, MSS, W
 sacciferum Lindl., McDonald 1594 NBG, Ep, NS, MSS, W

ANGIOSPERMAE–DICOTYLEDONAE

PIPERACEAE

Piper

- capense L.f., P.J. van der Merwe 1390 NBG, LSH, NS, MSS, P

Peperomia

- retusa (L.f.) A.Dietr. var. retusa, McDonald 1262 NBG, Ep, NS, MSS, P
 tetraphylla (G.Forst.) Hook. & Arn., Van Wyk 1210 NBG, Ep, NS, MSS, P

SALICACEAE

Salix

- mucronata Thunb. subsp. capensis Immelman, McDonald 914 NBG, TSH, NS, MSS, P

MYRICACEAE

Myrica

- kraussiana Buchinger ex Meisn., McDonald 1229 NBG, DSH, S, HAW, P
 serrata Lam., Van Wyk 357 NBG, T, NS, MSS, VE

ULMACEAE

Celtis

- africana Burm.f., Taylor 7622 NBG, T, NS, MSS, VE

URTICACEAE

Droguetia

- ambigua Wedd., CJG, F, NS, MSS, P
 iners (Forssk.) Schweinf. subsp. iners, Taylor 1040 NBG, F, NS, MSS, P *

PROTEACEAE

Brabejum

- stellatifolium L., Walters 69 NBG, T, S, MSS, WA

Paranomus

- dispersus Levyns, McDonald 1941 NBG, LSH, NS, AR, A
 longicaulis Salisb. ex Knight, McDonald 2081 NBG, MSH, NS, AR, A *
 spathulatus (Thunb.) Kuntze, McDonald 1984 NBG, **Endemic**, MSH, S, AR, A

Serruria

- balanoccephala Rourke, McDonald 1013 NBG, **Endemic**, LSH, NS, AR, A *

- fasciflora Salisb. ex Knight, McDonald 1494 NBG, LSH, NS, MSS, A

Mimetes

- cucullatus (L.) R.Br., Lamb 203 NBG, LSH, S, MSS, A
 splendidus Salisb. ex Knight, McDonald 1180 NBG, TSH, NS, HAW, A *

Spatalla

- colorata Meisn., McDonald 1160 NBG, LSH, NS, HAW, A *
 nubicola Rourke, McDonald 1057, **Endemic**, LSH, NS, HAW, A *
 parilis Salisb. ex Knight, McDonald 864 NBG, MSH, NS, MSS, A

Protea

- aspera E.Phillips, McDonald 2084 NBG, DSH, S, AR, W
 aurea (Burm. f.) Rourke subsp. aurea, McDonald 967 NBG, TSH, NS, HAW, P
 cordata Thunb., McDonald 1152 NBG, DSH, NS, HAW, P
 coronata Lam., McDonald 1016 NBG, TSH, NS, MSS, P
 cynaroides (L.) L., Walters 66 NBG, MSH, S, MSS, P
 decurrens E.Phillips, X, LSH, NS, MSS, P *
 eximia (Salisb. ex Knight) Fourc., McDonald 1500 NBG, TSH, NS, HAD, P
 grandiceps Tratt., McDonald 1150a NBG, MSH, NS, HAW, P
 humiflora Andrews, McDonald 2087 NBG, LSH, NS, AR, P
 lorea R.Br., Muir s.n. NBG, DSH, S, MSS, P
 lorifolia (Salisb. ex Knight) Fourc., Herre STEU11705, MSH, NS, AR, P
 magnifica Link, Haynes 950 NBG, LSH, NS, HAD, P
 neriifolia R.Br., McDonald 1151 NBG, TSH, NS, HAD, P
 nitida Mill., Taylor 7590 NBG, TSH, S, MSS, P
 piscina Rourke, Lamb 25 NBG, DSH, S, MSS, P
 repens (L.) L., Compton & Cook 2053/23 NBG, TSH, NS, HAD, P
 scolopendriifolia (Salisb. ex Knight) Rourke, Rourke 642 NBG, DSH, S, MSS, P
 speciosa (L.) L., Taylor 4758 NBG, LSH, S, MSS, P

Leucospermum

- calligerum (Salisb. ex Knight) Rourke, McDonald 1448 NBG, MSH, NS, AR, A
 cuneiforme (Burm.f.) Rourke, McDonald 1985 NBG, MSH, S, MSS, A
 erubescens Rourke, McDonald 1071 NBG, **Endemic**, TSH, NS, AR, A
 formosum (Andrews) Sweet, McDonald 1831 NBG, TSH, NS, MSS, A *
 mundii Meisn., McDonald 1248 NBG, **Endemic**, LSH, NS, HAD, A *
 saxatile (Salisb. ex Knight) Rourke, McDonald 1771 NBG, **Endemic**, LSH, NS, AR, A
 winteri Rourke, McDonald 2068 NBG, LSH, NS, HAW, A *

Leucadendron

- album (Thunb.) Fourc., McDonald 1162 NBG, MSH, NS, HAD, W
 comosum (Thunb.) R.Br., Bohnen 8664 NBG, MSH, NS, HAW, W
 cordatum E.Phillips, McDonald 1876 NBG, LSH, NS, AR, P *
 ericifolium R.Br., McDonald 913 NBG, TSH, NS, AR, P *
 eucalyptifolium H.Buek. ex Meisn., McDonald 1050 NBG, TSH, NS, MSS, W
 nervosum E.Phillips & Hutch., McDonald 1586 NBG, MSH, NS, HAD, P
 radiatum E.Phillips & Hutch., McDonald 1212 NBG, **Endemic**, MSH, NS, HAW, W *
 rubrum Burm.f., Bohnen 8652 NBG, TSH, NS, AR, W
 salicifolium (Salisb.) I.Williams, Bohnen 8241 NBG, TSH, NS, MSS, W
 salignum P.J.Bergius, McDonald, 1346 NBG, MSH, S, AR, W
 spissifolium (Salisb. ex Knight) I.Williams subsp. spissifolium, McDonald 1547, NBG, LSH, S, HAW, W
 tinctum I.Williams, McDonald 1250 NBG, MSH, NS, HAD, P
 tradouwense I.Williams, McDonald 911 NBG, **Endemic**, MSH, NS, MSS, P *
 xanthoconus (Kuntze) K.Schum., McDonald 1972 NBG, TSH, NS, MSS, W

Aulax

- cancellata (L.) Druce, McDonald 1785, NBG, MSH, NS, HAW, W
 pallasia Stapf, Bohnen 8655 NBG, MSH, S, HAD, W

SANTALACEAE

Osyris

- compressa (P.J.Bergius) A.DC., Burger 50 NBG, MSH, NS, MSS, P

Thesidium

- fragile (Thunb.) Sond., X, DSH, NS, MSS, P
 microcarpum (A.DC.) A.DC., X, DSH, NS, MSS, P

Thesium
carinatum *DC.*, *Taylor* 4773 NBG, LSH, NS, MSS, P
capituliflorum *Sond.*, *Taylor* 7618 NBG, DSH, NS, MSS, P
ericifolium *A.DC.*, X, DSH, NS, HAD, P
euphorbioides *L.*, *McDonald* 2103 NBG, TSH, NS, AR, P
funale *L.*, *Taylor* 7763 NBG, LSH, NS, MSS, P
glaucescens *A.W.Hill*, X, **Endemic**, LSH, NS, MSS, P
glomeruliflorum *Sond.*, *van Wyk* 683 NBG, LSH, NS, MSS, P
micromeria *A.DC.*, X, LSH, NS, MSS, P
nigromontanum *Sond.*, *Taylor* 3861, 7598 NBG, DSH, NS, MSS, P
paronychioides *Sond.*, X, DSH, NS, MSS, P
pinifolium *A.DC.*, *Taylor* 3865 NBG, TSH, NS, MSS, P
subnudum *Sond.*, X, LSH, NS, HAD, P
spicatum *L.*, *Taylor* 7599 NBG, LSH, NS, MSS, P
virgatum *Lam.*, *Taylor* 4754, 4755 NBG, LSH, NS, AR, P

GRUBBIACEAE

Grubbia
rosmarinifolia *P.J.Bergius*, subsp. rosmarinifolia var. rosmarinifolia,
McDonald 898 NBG, MSH, NS, MSS, P
tomentosa (*Thunb.*) *Harms*, *Marloth* 3577 NBG, MSH, S, MSS, P

POLYGONACEAE

Rumex
sagittatus *Thunb.*, CJG, HE, NS, MSS, P

AIZOACEAE

Pharnaceum
ciliare *Adamson*, X, DSH, NS, AR, P
Galenia
africana *L.*, X, MSH, NS, AR, P

MESEMBRYANTHEMACEAE

Carpobrotus
mellei (*L.Bolus*) *L. Bolus*, X, SUC, NS, HAD, VE
Drosanthemum
croceum *L.Bolus*, *Esterhuysen* 33307 NBG, **Endemic**, SUC, NS,
AR, P
Erepsia
tuberculata *N.E.Br.*, *Esterhuysen* 14394 BOL, SUC, NS, AR, P
Machairophylllum
cookii (*L.Bolus*) *Schwantes*, *McDonald* 1041 NBG, **Endemic**, SUC,
NS, AR, P
Oscularia
deltoides (*L.*) *Schwantes*, *Levyns* 695 BOL, SUC, NS, HAD, P
Ruschia
sp., *McDonald* 1885 NBG, SUC, NS, AR, P

CARYOPHYLLACEAE

Dianthus
caespitosus *Thunb.* subsp. caespitosus, *Van der Merwe* 280 NBG, F,
NS, AR, P

RANUNCULACEAE

Anemone
tenuifolia (*L.f.*) *DC.*, *McDonald* 956 NBG, G, S, HAW, P
Knowltonia
anemonoides *H.Rasm.* subsp. tenuis *H.Rasm.*, *McDonald* 1022 NBG,
F, S, MSS, P
vesicatoria (*L.f.*) *Sims* subsp. grossa *H.Rasm.*, *Wurts* 407 NBG, F, S,
MSS, P
Ranunculus
multifidus *Forssk.*, *Marsh* 1124, F, S, MSS, P

LAURACEAE

Ocotea
bullata (*Burch.*) *Baill.*, *P.J. van der Merwe* 1308 NBG, T, S, MSS,
VE *
Cryptocarya
angustifolia *E.Mey. ex Meisn.*, *Taylor* 7595 NBG, T, NS, MSS, VE *
Cassytha
ciliolata *Nees*, *Wurts* 472a NBG, V/Pa, NS, MSS, VE

BRASSICACEAE

Heliophila
elongata (*Thunb.*) *DC.*, X, LSH, NS, MSS, P
scoparia *Burch. ex DC.* var. aspera (*Schltr.*) *Marais*, *McDonald* 1135
NBG, F, NS, AR, P
Cardamine
africana *L.*, CJG, F, NS, MSS, P

CAPPARACEAE

Capparis
sepiaria *L.* var. citrifolia (*Lam.*) *Tölken*, CJG, V, NS, MSS, P

DROSERACEAE

Drosera
aliceae *Raym.-Hamet*, *McDonald*, 1645 NBG, HE, NS, MSS, P
capensis *L.*, *Du Plessis* 21 NBG, HE, NS, MSS, P
cistiflora *L.*, X, HE, NS, MSS, P
trinervia *Spreng.*, *Mauve & Hugo* 234 NBG, HE, NS, MSS, P

RORIDULACEAE

Roridula
gorgonias *Planch.*, *Nolte* 1 NBG, LSH, NS, MSS, P *

CRASSULACEAE

Crassula
atropurpurea (*Haw.*) *D.Dietr.* var. atropurpurea, *McDonald* 1008 NBG,
SUC, NS, AR, P
ericoides *Haw.*, *Hugo* 1077, SUC, NS, MSS, P
fascicularis *Lam.*, *McDonald* 1436 NBG, SUC, NS, HAD, P
lanceolata (*Eckl. & Zeyh.*) *Endl. ex Walp.* subsp. lanceolata, X, SUC,
NS, AR, P
muscosa *L.* var. muscosa, *Taylor* 4033 NBG, SUC, NS, AR, P
obtusa *Haw.*, *McDonald* 1992 NBG, SUC, NS, AR, P
rubricaulis *Eckl. & Zeyh.*, *Rourke* 310 NBG, SUC, NS, AR, P
rupestris *Thunb.* subsp. rupestris, *Du Plessis* 32 NBG, SUC, NS, AR,
P

Adromischus
triflorus (*L.f.*) *A.Berger*, *Burger* 88 NBG, SUC, NS, AR, P

MONTINIACEAE

Montinia
caryophyllacea *Thunb.*, *Bohnen* 8342 NBG, LSH, NS, MSS, P

PITTOSPORACEAE

Pittosporum
viridiflorum *Sims*, *Levyns & Levyns* 716 NBG, T, NS, MSS, VE

CUNONIACEAE

Platylophus
trifoliatus (*L.f.*) *D.Don*, *Van Wyk* 1219 NBG, T, NS, MSS, P
Canonia
capensis *L.*, *McDonald* 2077 NBG, T, S, MSS, P

BRUNIACEAE

Thamnea
gracilis (*Kuntze*) *Oliv.*, *Burchell* 7342 BOL, **Endemic**, DSH, NS, MSS,
P *
Linconia
alopecuroidea *L.*, *McDonald* 1055 NBG, LSH, S, MSS, P *
Raspalia
barnardii *Pillans*, *Esterhuysen* 33405 BOL, **Endemic**, LSH, NS, MSS,
P *
schlechteri *Dümmer*, X, **Endemic**, LSH, NS, MSS, P *
variabilis *Pillans*, *T.J. van der Merwe* 264 NBG, MSH, NS, AR, P
virgata (*Brongn.*) *Pillans*, *McDonald* 1610 NBG, MSH, NS, MSS, P

Nebelia
paleacea (*P.J.Bergius*) *Sweet*, X, LSH, NS, MSS, P

Pseudobaeckia
cordata (*Burm.f.*) *Nied.*, *McDonald* 2040 NBG, MSH, NS, MSS, P

Brunia
alopecuroides *Thunb.*, X, MSH, NS, HAW, P
laevis *Thunb.*, *T.J. van der Merwe* 239, MSH, NS, AR, P
neglecta *Schltr.*, *McDonald* 1252 NBG, MSH, NS, HAW, P
sp. = noduliflora *Goldblatt & Manning* ined., *McDonald* 1210 NBG,
MSH, NS, HAW, P

Mniothamnea

bullata *Schltr.*, *Esterhuysen* 10479 NBG, **Endemic**, DSH, S, MSS, P *
callunoides (*Oliv.*) *Nied.*, *McDonald & Morley* 1052 NBG, **Endemic**,
DSH, S, MSS, P *

Berzelia

burchellii *Dümmer*, *Campbell* 14834 NBG, MSH, S, MSS, P
galpinii *Pillans*, *Fellingham* 444, **Endemic**, MSH, S, MSS, P
intermedia (*D.Dietr.*) *Schldtl.*, *McDonald* 1507 NBG, TSH, S, MSS, P

HAMAMELIDACEAE

Trichocladus

crinitus (*Thunb.*) *Pers.*, *CJG*, TSH, NS, MSS, P

ROSACEAE

Rubus

pinnatus *Willd.*, *Taylor* 515 NBG, V, S, MSS, VE

Cliffortia

alata *N.E.Br.*, *Levy* 2118 BOL, **Endemic**, LSH, NS, AR, W *
atrata *Weim.*, X, LSH, NS, MSS, P
burchellii *Stapf*, *McDonald* 1265 NBG, MSH, NS, MSS, P
densa *Weim.*, *McDonald* 1864 NBG, **Endemic**, DSH, NS, HAW, P
dispar *Weim.*, *Esterhuysen* 10446 BOL, LSH, NS, HAW, P
erectisepala *Weim.*, *Taylor* 7762 NBG, MSH, NS, MSS, P
exilifolia *Weim.*, *Esterhuysen* 24506 BOL, MSH, NS, HAW, P
ferruginea *L.f.*, *Campbell* 14833 NBG, DSH, NS, HAW, P
glaucula *Weim.*, *Kruger* 1270 NBG, LSH, NS, MSS, P
gracilis *Harv.*, *Schlechter* 2203 NBG, DSH, NS, MSS, P
grandifolia *Eckl. & Zeyh.* var. *grandifolia*, *McDonald* 1614 NBG,
TSH, NS, MSS, P
lanceolata *Weim.*, *Taylor* 4244 NBG, **Endemic**, LSH, NS, HAW, P
polita *Weim.*, *Taylor* 7762 NBG, LSH, NS, MSS, P
propinqua *Eckl. & Zeyh.*, *Compton* 20348 NBG, LSH, NS, HAD, P
pulchella *L.f.*, *McDonald* 877 NBG, LSH, NS, AR, P
ruscifolia *L.* var. *ruscifolia*, *Van Wyk* 701 NBG, MSH, NS, MSS, P
serpyllifolia *Cham. & Schldtl.*, *T.J. van der Merwe* 129 NBG, MSH,
NS, MSS, P
stricta *Weim.*, *Boucher* 3685 NBG, MSH, NS, MSS, P
tuberculata (*Harv.*) *Weim.*, *McDonald* 1893 NBG, LSH, NS, HAW, P

FABACEAE

Virgilia

oroboides (*P.J.Bergius*) *Salter* subsp. *oroboides*, X, T, NS, MSS, P

Cyclopia

bowiciana *Harv.*, *McDonald* 1534 NBG, LSH, S, HAW, P *
intermedia *E.Mey.*, X, MSH, S, HAW, P
maculata (*Andrews*) *Kies*, X, LSH, S, MSS, P
glabra (*Hofmeyer & E.Phillips*) *A.L. Schutte*, *McDonald* 1408 NBG,
MSH, S, MSS, P
subternata *Vogel*, *Bohnen* 7768 NBG, LSH, S, MSS, P
sessiliflora *Eckl. & Zeyh.*, *Esterhuysen* 29482 BOL, MSH, S, HAW, P

Podalyria

canescens *E.Mey.*, *Van der Merwe* 59 NBG, MSH, NS, HAD, P
cuneifolia *Vent.*, X, MSH, NS, MSS, P
lanceolata *Benth.*, *Wurts* 262 NBG, **Endemic**, MSH, NS, MSS, P
rotundifolia (*P.J.Bergius*) *A.L.Schutte*, *McDonald* 1455 NBG, MSH,
NS, AR, P

Liparia

myrtifolia *Thunb.*, *McDonald* 1025 NBG, LSH, NS, MSS, P *
splendens (*Burm.f.*) *Bos & de Wit* subsp. *comantha* (*Eckl. & Zeyh.*)
Bos & de Wit, *Haynes* 663 NBG, LSH, NS, MSS, P
hirsuta *Thunb.*, *McDonald* 1277 NBG, TSH, NS, HAW, P

Amphithalea

axillaris *Granby*, *McDonald* 1659 NBG, **Endemic**, LSH, NS, HAW,
P *
bullata (*Benth.*) *A.L.Schutte*, X, **Endemic**, DSH, NS, HAW, P
cymbifolia (*C.A.Sm.*) *A.L.Schutte*, *McDonald* 2105a NBG, **Endemic**,
DSH, NS, AR, P
intermedia *Eckl. & Zeyh.*, *Taylor* 10042 NBG, LSH, NS, MSS, P
violacea (*E.Mey.*) *Benth.*, *McDonald* 2105 NBG, DSH, NS, AR, P

Rafnia

capensis (*L.*) *Druce*, *McDonald* 2071 NBG, LSH, S, AR, P
cuneifolia *Thunb.*, *McDonald* 1243 NBG, LSH, S, HAD, P
dichotoma *Eckl. & Zeyh.*, *McDonald* 1449 NBG, LSH, S, AR, P
fastigiata *Eckl. & Zeyh.*, X, **Endemic**, LSH, S, HAW, P
ovata (*P.J.Bergius*) *Schinz*, *McDonald* 1204 NBG, LSH, S, HAD, P
racemosa *Eckl. & Zeyh.*, *McDonald* 1558 NBG, LSH, S, HAD, P

Lotononis

umbellata (*L.*) *Benth.*, X, DSH, NS, MSS, P
varia (*E.Mey.*) *Steud.*, X, DSH, NS, MSS, P

Lebeckia

leptophylla *Benth.*, X, **Endemic**, LSH, NS, HAW, P

Aspalathus

acanthos *Eckl. & Zeyh.*, *McDonald* 1773 NBG, **Endemic**, MSH, NS,
AR, P
angustifolia (*Lam.*) *R.Dahlgren* subsp. *angustifolia*, *Marsh* 1103 NBG,
LSH, NS, MSS, P
arida *E.Mey.* subsp. *procumbens* (*E.Mey.*) *R.Dahlgren*, X, MSH, NS,
AR, P
aspalathoides (*L.*) *R.Dahlgren*, *McDonald* 1939 NBG, LSH, NS, AR, P
biflora *E.Mey.* subsp. *biflora*, *McDonald* 1438 NBG, DSH, NS, MSS,
P
calcarata *Harv.*, X, LSH, NS, MSS, P
ciliaris *L.*, *McDonald* 2036 NBG, MSH, NS, HAW, P
cliffortioides *Bolus*, *McDonald*, 1940 NBG, DSH, NS, AR, P
crassiseppala *R.Dahlgren*, *McDonald* 2072 NBG, DSH, NS, AR, P
diffusa *Eckl. & Zeyh.*, *Stirton & Zantovska* 11262 NBG, DSH, NS,
MSS, P
granulata *R.Dahlgren*, *McDonald* 1066 NBG, DSH, NS, AR, P
hirta *E.Mey.* subsp. *hirta*, *McDonald* 1069 NBG, MSH, NS, AR, P
hypnoides *R.Dahlgren*, *McDonald* 2026a NBG, **Endemic**, LSH, NS,
MSS, P
inops *Eckl. & Zeyh.*, *McDonald* 1423 NBG, DSH, S, MSS, P; *Taylor*
10059 NBG, LSH, NS, HAW, P
longifolia *Benth.*, *Dahlgren & Strid* 2588 NBG, **Endemic**, MSH, NS,
AR, P
nigra *L.*, *McDonald* 1638 NBG, LSH, NS, AR, P
opaca *Eckl. & Zeyh.* subsp. *opaca*, *McDonald* 2057 NBG, DSH, NS,
MSS, P
pachyloba *Benth.* subsp. *pachyloba*, *McDonald* 1857 NBG, TSH, NS,
AR, P
perforata (*Thunb.*) *R.Dahlgren*, *Schlechter* 2137 NBG, LSH, NS,
MSS, P
rubens *Thunb.*, *Compton* 8587 BOL, LSH, NS, HAD, P
securifolia *Eckl. & Zeyh.*, *McDonald* 1178 NBG, LSH, NS, MSS, P
spinosa *L.* subsp. *glaucula* (*Eckl. & Zeyh.*) *R.Dahlgren*, *McDonald* 1484
NBG, DSH, NS, AR, P
verbasciformis *R.Dahlgren*, *McDonald* 1644 NBG, **Endemic**, MSH,
NS, AR, P
vulpina *Garab. ex R.Dahlgren*, *Dahlgren & Strid* 2582, **Endemic**,
LSH, NS, AR, P
willdenowiana *Benth.*, *McDonald* 2037 NBG, TSH, NS, HAW, P

Argyrolobium

filiforme *Eckl. & Zeyh.*, X, F, NS, MSS, P

Hypocalyptus

coluteoides, (*Lam.*) *R.Dahlgren*, *McDonald* 1040 NBG, TSH, NS,
MSS, P
sophoroides, (*P.J.Bergius*) *Baill.*, *McDonald* 1454 NBG, TSH, NS,
AR, P

Indigofera

alopeuroides, (*Burm.f.*) *DC.* var. *minor* *E.Mey.*, *Haynes* 628 NBG,
DSH, S, MSS, P
complicata *Eckl. & Zeyh.*, X, LSH, S, HAW, P
concava *Harv.*, *McDonald* 1177 NBG, DSH, S, MSS, P
cf. *declinata* *E.Mey.*, *McDonald* 2013 NBG, DSH, S, MSS, P
filifolia *Thunb.*, *McDonald* 1802 NBG, MSH, S, MSS, P
flabellata *Harv.*, *McDonald* 1991 NBG, LSH, S, MSS, P
heterophylla *Thunb.*, *McDonald* 1965 NBG, DSH, NS, MSS, P
langebergensis *L.Bolus*, *McDonald* 1474 NBG, **Endemic**, DSH, S,
MSS, P
mundiana *Eckl. & Zeyh.*, X, DSH, S, MSS, P
ovata *L.f.*, X, DSH, S, MSS, P
pappei *Fourc.*, *McDonald* 1127 NBG, LSH, S, HAD, P
pentaphylla *Burch. ex Harv. non Murray*, *McDonald* 1159 NBG, DSH,
S, HAW, P
sarmentosa *L.f.*, *McDonald* 1803 NBG, DSH, S, HAW, P

Psoralea

aphylla *L.*, *McDonald* 1488 NBG, TSH, S, MSS, P
cordata *Thunb.*, *Barker* 8949 NBG, DSH, S, MSS, P
ensifolia (*Houtt.*) *Merrill*, *T.P.Stokoe s.n.* NBG, LSH, S, MSS, P
filifolia *Thunb.*, *Rourke* 1897 NBG, **Endemic**, TSH, S, AR, P *
imbricata (*L.f.*) *C.H. Sirt.*, *T.P. Stokoe s.n.* NBG, DSH, NS, MSS, P *
laxa *Salter*, *McDonald* 1443 NBG, DSH, S, MSS, P
monophylla (*L.*) *C.H. Sirt.*, *Marsh* 1164 NBG, DSH, S, MSS, P
pinnata *L.*, *McDonald* 1453 NBG, TSH, NS, MSS, P

Psoralea (cont.)

- sp. = azurea *C.H. Stirt.* ined., *McDonald* 2042 NBG, DSH, S, MSS, P *
 sp. = intonsa *C.H. Stirt.* ined., *McDonald* 2117 NBG, MSH, NS, HAW, P *
 sp. = nubicola *C.H. Stirt.* ined., *Rourke* 1760 NBG, **Endemic**, MSH, NS, HAW, P *
 speciosa *C.H. Stirt., Stirton & Zantovska* 11542 NBG, LSH, NS, MSS, P
 verrucosa *Willd.*, X, MSH, NS, MSS, P

Otholobium

- boweanum (*Harv.*) *C.H. Stirt., McDonald* 2131 NBG, **Endemic**, DSH, S, AR, P *
 candicans (*Eckl. & Zeyh.*) *C.H. Stirt., McDonald* 1828 NBG, LSH, NS, HAD, P
 decumbens (*Aiton*) *C.H. Stirt., Wurts* 478 NBG, DSH, NS, MSS, P
 saxosum *C.H. Stirt., Bolus* 11264 BOL, **Endemic**, LSH, NS, MSS, P *
 spicatum (*L.*) *C.H. Stirt., Stirton & Zantovska* 11279 MSH, NS, MSS, P
 striatum (*Thunb.*) *C.H. Stirt.*, X, TSH, NS, AR, P *

Tephrosia

- capensis (*Jacq.*) *Pers., McDonald* 1750 NBG, DSH, S, MSS, P

Rhynchosia

- chrysoscias *Benth., McDonald* 1955 NBG, DSH, S, MSS, P
 leucoscias *Benth., McDonald* 1045 NBG, DSH, S, MSS, P

Dipogon

- lignosus (*L.*) *Verdc., Van Wyk* 718 V, NS, MSS, P

GERANIACEAE

Pelargonium

- abrotanifolium (*L.f.*) *Jacq., Marloth* 8618 NBG, LSH, NS, AR, W
 alchemilloides (*L.*) *L'Hér., Marais* STEU718F, NS, MSS, W
 candicans *Spreng., McDonald* 1023 NBG, DSH, NS, MSS, W
 caucalifolium *Jacq. subsp. caucalifolium, McDonald* 2016 NBG, F, NS, MSS, W
 citronellum *J.J.A. van der Walt, Van der Walt* 716 NBG, MSH, S, AR, W
 cordifolium (*Cav.*) *Curt., McDonald* 939 NBG, MSH, S, HAW, W
 crispum (*P.J. Bergius*) *L'Hér., McDonald* 910 NBG, LSH, S, HAD, W
 denticulatum *Jacq., McDonald* 1749 NBG, MSH, S, AR, W
 fruticosum (*Cav.*) *Willd., McDonald* 1062 NBG, LSH, S, AR, W
 cf. grossularioides, (*L.*) *L'Hér., McDonald* 1818 NBG, F, NS, MSS, W
 hermannifolium (*P.J. Bergius*) *Jacq., McDonald* 1821 NBG, LSH, S, HAD, W
 hispidum (*L.f.*) *Willd., McDonald* 1787 NBG, MSH, NS, HAW, W
 multicaule *Jacq. subsp. multicaule, McDonald* 1884 NBG, LSH, NS, AR, W
 myrrhifolium (*L.*) *L'Hér.*, X, F, NS, MSS, W
 ovale (*Burm.f.*) *L'Hér. subsp. ovale, Esterhuysen* 26240 NBG, DSH, S, HAD, W
 papilionaceum (*L.*) *L'Hér., Moffett* 1074 NBG, MSH, NS, MSS, W
 patulum *Jacq., McDonald* 1249 NBG, DSH, NS, HAD, W
 radens *H.E. Moore, McDonald* 1766 NBG, LSH, NS, MSS, W
 rapaceum (*L.*) *L'Hér., McDonald* 1747 NBG, G, S, AR, W
 scabrum (*Burm.f.*) *L'Hér., McDonald* 1937 NBG, MSH, S, AR, W
 ternatum (*L.f.*) *Jacq., McDonald* 1028 NBG, LSH, NS, MSS, W
 tomentosum *Jacq., McDonald* 1544 NBG, DSH, NS, HAW, W
 tricolor (*Andrews*) *Curtis, McDonald* 1571 NBG, DSH, S, AR, W
 triste (*L.*) *L'Hér., McDonald* 1817 NBG, G, S, AR, W

OXALIDACEAE

Oxalis

- purpurea *L., Haynes* 638 NBG, G, S, MSS, P

LINACEAE

Linum

- africanum *L., McDonald* 1633 NBG, F, NS, AR, P
 gracile *Planch., Rogers* 13702 NBG, F, NS, MSS, P
 quadrifolium *L., Levyns & Levyns* 700F, NS, MSS, P

ZYGOPHYLLACEAE

Zygophyllum

- fulvum *L., McDonald* 1334 NBG, DSH, S, HAD, A

RUTACEAE

Calodendrum

- capense (*L.f.*) *Thunb., T.H. Brown s.n.* NBG, T, NS, MSS, P

Agathosma

- bifida (*Jacq.*) *Bartl. & H.L. Wendl., McDonald* 1969 NBG, LSH, NS, MSS, A
 blaerioides *Cham. & Schldtl., Muir* 3328 BOL, LSH, NS, HAW, A
 capensis (*L.*) *Dümmer, McDonald* 2021 NBG, LSH, NS, MSS, A
 cerefolium (*Vent.*) *Bartl. & H.L. Wendl., McDonald* 1064 NBG, LSH, NS, HAD, A
 crenulata (*L.*) *Pillans, McDonald* 965 NBG, MSH, NS, MSS, A
 elegans *Cham. & Schldtl., Esterhuysen* 17223 BOL, LSH, NS, MSS, A
 linifolia (*Roem. & Schult.*) *Licht. ex Bartl. & H.L. Wendl., Wurts* 411 NBG, **Endemic**, LSH, NS, MSS, A *
 minuta *Schldtl., McDonald* 1131 NBG, DSH, NS, AR, A *
 odoratissima (*Montin*) *Pillans, McDonald* 1533 NBG, LSH, S, HAW, A
 orbicularis (*Thunb.*) *Bartl. & H.L. Wendl., McDonald* 1490 NBG, DSH, NS, HAD, A *
 ovata (*Thunb.*) *Pillans, McDonald* 2088 NBG, LSH, S, AR, A *
 robusta *Eckl. & Zeyh.*, X, **Endemic**, DSH, NS, MSS, A
 serpyllacea *Licht. ex Roem. & Schult., McDonald* 1349 NBG, LSH, S, AR, A *
 umbonata *Pillans, Brett* 3 NBG, **Endemic**, LSH, NS, HAW, A *
 virgata (*Lam.*) *Bartl. & H.L. Wendl., Bean* 9 BOL, LSH, S, MSS, A
 sp. nov. aff. ciliaris, *Bean* 526 BOL, **Endemic**, DSH, NS, HAD, A
 sp. nov. Sect. Alares, *Williams* 2616 BOL, **Endemic**, DSH, NS, HAD, A

Adenandra

- fragrans, (*Sims*) *Roem. & Schult., McDonald* 900 NBG, LSH, NS, MSS, A
 mundiifolia *Eckl. & Zeyh., McDonald* 1241 NBG, LSH, NS, HAD, A

Coleonema

- calycinum (*Steud.*) *I. Williams, Taylor* 10038 NBG, MSH, NS, MSS, A
 pulchrum *Hook., McDonald* 1579 NBG, **Endemic**, MSH, NS, MSS, A *
 virgatum (*Schldtl.*) *Eckl. & Zeyh., McDonald* 867 NBG, **Endemic**, LSH, NS, MSS, A *

Acmadenia

- burchellii *Dümmer, Rourke* 301 NBG, **Endemic**, DSH, NS, HAW, A
 latifolia *I. Williams, McDonald* 2099 NBG, **Endemic**, LSH, NS, HAD, A
 nivenii *Sond., McDonald* 2085 NBG, **Endemic**, LSH, NS, AR, A *
 tetragona (*L.f.*) *Bartl. & H.L. Wendl., McDonald* 1976 NBG, LSH, NS, AR, A *
 trigona (*Eckl. & Zeyh.*) *Druce, McDonald* 1772 NBG, LSH, NS, AR, A

Diosma

- hirsuta *L., McDonald* 1483 NBG, LSH, NS, AR, A
 prama *I. Williams, McDonald* 1635 NBG, LSH, NS, AR, A
 tenella *I. Williams, Esterhuysen* 17241 BOL, LSH, NS, MSS, A *

Euchaetis

- avisylvana *I. Williams, McDonald* 1289 NBG, **Endemic**, LSH, NS, MSS, A *

Empleurum

- fragrans *P.E. Glover, McDonald* 1181 NBG, **Endemic**, LSH, NS, HAW, A *
 unicapsulare (*L.f.*) *Skeels, McDonald* 1174 NBG, TSH, NS, MSS, A

Vepris

- lanceolata (*Lam.*) *G. Don., Taylor* 7621 NBG, T, NS, MSS, A

POLYGALACEAE

Polygala

- bracteolata *L., McDonald* 1422 NBG, LSH, S, MSS, A
 empetrifolia *Houtt., McDonald* 1816 NBG, LSH, S, AR, A
 fruticosa *P.J. Bergius, McDonald* 1830 NBG, LSH, S, HAD, A
 langebergensis *Levyns, McDonald* 2098 NBG, **Endemic**, DSH, NS, HAD, A *
 myrtifolia *L., Walgate* 931 NBG, TSH, NS, MSS, A
 pappeana *Eckl. & Zeyh., McDonald* 984 NBG, LSH, NS, MSS, A
 refracta *DC.*, X, DSH, S, HAD, A
 scabra *L.*, X, DSH, S, MSS, A
 triquetra *C. Presl., Levyns* 644 NBG, LSH, S, MSS, A
 umbellata *L., Johnson* 137 NBG, DSH, S, AR, A
 wittebergensis *Compton, Bolus* 11212 BOL, LSH, S, AR, A

Muraltia

- alopecuroides (*L.*) *DC., McDonald* 1245 NBG, LSH, NS, HAD, A
 ciliaris *DC., McDonald* 908 NBG, DSH, S, MSS, A
 heisteria (*L.*) *DC., McDonald* 990 NBG, MSH, NS, AR, A
 langebergensis *Levyns, X, Endemic*, LSH, NS, HAW, A
 leptorhiza *Turcz., McDonald* 1039 NBG, DSH, NS, MSS, A

EUPHORBIACEAE

Adenocline

acuta (Thunb.) Baill., CJG, V, NS, MSS, P

Clutia

alaternoides L., Haynes 1386 NBG, DSH, S, MSS, P
ericoides Thunb., McDonald 1146 NBG, LSH, NS, MSS, P
laxa Eckl. ex Sond., Bond 309 NBG, LSH, NS, MSS, P
marginata E.Mey. ex Sond., X, MSH, NS, MSS, P
polygonoides L., T.J. van der Merwe 71 NBG, DSH, S, MSS, P
pulchella L. var. *pulchella*, McDonald 1591 NBG, MSH, NS, MSS, P
rubricaulis Eckl. & Zeyh. ex Sond., X, LSH, NS, MSS, P

ANACARDIACEAE

Laurophyllus

capensis Thunb., McDonald 1035 NBG, TSH, S, MSS, P

Rhus

chirindensis Baker f., Taylor 182 NBG, T, S, MSS, VE
lucida L. forma *lucida*, Taylor 513 MSH, NS, AR, VE
pallens Eckl. & Zeyh., X, MSH, NS, MSS, VE
rehmanniana Engl. var. *glabrata* (Sond.) Moffett, Stokoe s.n. NBG, MSH, NS, MSS, VE
rosmarinifolia Vahl, X, LSH, NS, MSS, VE
tomentosa L., Haynes 658 NBG, MSH, NS, MSS, VE

AQUIFOLIACEAE

Ilex

mitis (L.) Radkl., X, T, NS, MSS, VE

CELASTRACEAE

Maytenus

acuminata (L.f.) Loes. var. *acuminata*, Bohnen 7770 NBG, T, NS, MSS, VE
oleoides (Lam.) Loes., Burger 75 NBG, T, S, MSS, VE

Gymnosporia

buxifolia (L.) Szyszyl., CJG, T, NS, MSS, VE

Pterocelastrus

tricuspidatus (Lam.) Sond., Esterhuysen 10373 BOL, T, NS, MSS, VE
rostratus (Thunb.) Walp., McDonald 1268 NBG, T, NS, MSS, VE

Robsonodendron

eucleiforme (Eckl. & Zeyh.) R.H.Archer, CJG, T, NS, MSS, VE

Elaeodendron

capense Eckl. & Zeyh., CJG, T, NS, MSS, VE

Cassine

peragua L., Kruger 1261 NBG, T, S, MSS, VE
schinoides (Spreng.) R.H.Archer, Taylor 2959 NBG, T, NS, MSS, VE

ICACINACEAE

Cassinopsis

ilicifolia (Hochst.) Kuntze, Taylor 306 NBG, MSH, NS, MSS, VE

Apodytes

dimidiata E.Mey. ex Arn. var. *dimidiata*, Kruger 1292 NBG, T, NS, MSS, VE

Pyrenacantha

scandens Planch. ex Harv., Barker 8813 NBG, V, NS, MSS, VE

SAPINDACEAE

Dodonaea

angustifolia L.f., Johnson 140 NBG, TSH, S, AR, W

BALSAMINACEAE

Impatiens

hochstetteri Warb., CJG, F, NS, MSS, B

RHAMNACEAE

Rhamnus

prinoides L'Hér., Levyns 698 BOL, T, NS, MSS, VE

Scutia

myrtina (Burm.f.) Kurz, Taylor 197 NBG, T, NS, MSS, VE

Phylla

alba Pillans, T.P. Stokoe BOL21331, LSH, NS, MSS, P
axillaris Lam. var. *microphylla* (Eckl. & Zeyh.) Pillans, Lewis 5397 NBG, LSH, NS, MSS, P
brachycephala Sond., X, LSH, NS, HAD, P *
debilis Eckl. & Zeyh., X, LSH, NS, MSS, P

imberbis P.J.Bergius, Salter 6796 LSH, S, MSS, P

longimontana Pillans, Schlechter 1838 BOL, **Endemic**, LSH, NS, MSS, P *

mairei Pillans, McDonald 1128 NBG, LSH, NS, AR, P

mundii Pillans, T.J. van der Merwe 116 NBG, LSH, NS, MSS, P

pinia Thunb., McDonald 1464 NBG, TSH, NS, MSS, P

propinqua Sond., T.J. van der Merwe 140 NBG, LSH, NS, MSS, P
purpurea Sond. var. *floccosa* Pillans, McDonald 2038 NBG, MSH, NS, MSS, P

recurvifolia Eckl. & Zeyh., X, **Endemic**, LSH, NS, MSS, P

rogersii Pillans, Taylor 10271 NBG, LSH, NS, MSS, P

rubra Willd., McDonald 1604 NBG, TSH, NS, MSS, P

velutina Sond., T.J. van der Merwe 279 NBG, DSH, NS, MSS, P

VITACEAE

Rhoicissus

digitata (L.f.) Gilg & M.Brandt, Taylor 307 NBG, V, NS, MSS, VE
tomentosa (Lam.) Wild & R.B.Drumm., Taylor 304 NBG, V, NS, MSS, VE

TILIACEAE

Sparrmannia

africana L.f., X, T, NS, MSS, VE

Grewia

occidentalis L., McDonald & Morley 1072 NBG, T, NS, MSS, VE

MALVACEAE

Anisodonteia

pseudocapensis Bates, X, DSH, NS, MSS, P *

STERCULIACEAE

Hermannia

angularis Jacq., McDonald 1333 NBG, LSH, S, AR, P
aspera J.C.Wendl., X, MSH, S, AR, P
flammula Harv., X, LSH, S, AR, P
hyssopifolia L., McDonald 1823 NBG, LSH, S, HAD, P
multiflora Jacq., McDonald 1024 NBG, LSH, S, MSS, P
odorata Aiton, McDonald 1332 NBG, LSH, NS, AR, P
saccifera (Turcz.) K.Schum., McDonald 1335 NBG, DSH, S, AR, P
salviifolia L.f. var. *salviifolia*, McDonald 1345 NBG, MSH, NS, AR, P

FLACOURTIACEAE

Kiggelaria

africana L., X, T, S, MSS, VE

Scolopia

mundii (Eckl. & Zeyh.) Warb., Van Wyk 1221 NBG, T, NS, MSS, VE

GEISSOLOMATACEAE

Geissoloma

marginatum (L.) Juss., McDonald 1413 NBG, **Endemic**, MSH, S, MSS, P *

PENAEACEAE

Penaea

cneorum Meerb. subsp. *ovata* (Eckl. & Zeyh. ex A.DC.) R.Dahlgren, McDonald 1775 NBG, MSH, S, HAD, P
cneorum Meerb. subsp. *ruscifolia* R.Dahlgren, McDonald 1452 NBG, MSH, S, HAD, P
dahlgrenii Rourke, McDonald 1818a NBG, **Endemic**, MSH, NS, HAW, A *
mucronata L., McDonald 2086 NBG, LSH, S, AR, P

Stylapteris

dubius (Steph.) R.Dahlgren, McDonald 1837 NBG, **Endemic**, MSH, NS, HAW, P *
ericifolius (Juss.) R.Dahlgren, Du Plessis 85 NBG, **Endemic**, MSH, NS, MSS, P *

OLINIACEAE

Olinia

ventosa (L.) Cufod, Levyns 669 BOL, T, NS, MSS, VE

THYMELAEACEAE

Gnidia

decurrens Meisn., McDonald 2047 NBG, LSH, S, AR, P
denudata Lindl., CJG, LSH, S, MSS, P
francisci Bolus, McDonald 2075 NBG, LSH, NS, AR, P

Gnidia (cont.)

galpinii *C.H. Wright, McDonald 1682* NBG, DSH, S, MSS, P
 juniperifolia *Lam., McDonald 1234* NBG, DSH, NS, HAD, P
 laxa (*L.f.*) *Gilg, McDonald 1819* NBG, LSH, NS, HAD, P
 oppositifolia *L., McDonald 1053* NBG, MSH, S, MSS, P
 scabrada *Meisn., Burchell 7404* NBG, MSH, S, MSS, P *

Struthiola

argentea *Lehm., Oliver & Fellingham 9144* NBG, LSH, NS, AR, P
 ciliata (*L.*) *Lam., McDonald 902* NBG, DSH, S, MSS, P
 eckloniana *Meisn., McDonald 1479* NBG, MSH, S, HAW, P
 ericoides *C.H. Wright, Taylor 7579* NBG, DSH, S, MSS, P
 garciana *C.H. Wright, McDonald 1960* NBG, LSH, NS, MSS, P
 martiana *Meisn., McDonald 1288* NBG, LSH, NS, HAW, P
 myrsinites *Lam., McDonald 1961* NBG, LSH, NS, MSS, P

Lachnaea

ericoides *Meisn., McDonald 1945* NBG, **Endemic**, DSH, S, MSS, P
 filicaulis (*Meisn.*) *Beyers, McDonald 1989* NBG, DSH, S, MSS, P
 macrantha *Meisn., McDonald 1552* NBG, LSH, NS, HAW, P
 penicillata *Meisn., McDonald 1353* NBG, DSH, S, AR, P
 sp. nov., *McDonald 1963* NBG, **Endemic**, DSH, S, MSS, P

Passerina

obtusifolia *Thoday, McDonald 1005* NBG, MSH, NS, AR, P

MYRTACEAE**Metrosideros**

angustifolia (*L.*) *Sm., Van der Merwe 232* NBG, T, NS, MSS, P

ARALIACEAE**Cussonia**

spicata *Thunb., McDonald 1499* NBG, T, NS, AR, VE
 thyrsoflora *Thunb., CJG, T, NS, MSS, VE*

APIACEAE**Centella**

affinis (*Eckl. & Zeyh.*) *Adamson* var. *richardiana Adamson, X, F, NS, MSS, P*
 cf. *debilis (Eckl. & Zeyh.) Drude, X, F, NS, MSS, P*
dentata Adamson, McDonald 1173 NBG, F, NS, MSS, P
eriantha (Rich.) Drude, Taylor 3855 NBG, F, NS, MSS, P
glabrata L. var. glabrata, Marsh 1100 NBG, F, NS, MSS, P
lanata Compton, McDonald 1517 NBG, F, NS, MSS, P
linifolia (L.f.) Drude, X, F, NS, MSS, P
montana (Cham. & Schltdl.) Domin, McDonald 1083a NBG, F, NS, MSS, P
sessilis Adamson, X, F, NS, MSS, P
stenophylla Adamson, McDonald 1607 NBG, F, NS, MSS, P
virgata (L.f.) Drude var. *congesta Adamson, McDonald 1996* NBG, F, NS, MSS, P
virgata (L.f.) Drude var. *virgata, McDonald 1246* NBG, F, NS, MSS, P

Hermas

capitata *L.f., Esterhuysen 4803* NBG, F, NS, MSS, P
 ciliata *L.f., McDonald 1510* NBG, F, NS, MSS, P

Sanicula

elata *Buch.-Ham. ex D. Don., Taylor 1041* F, NS, MSS, P

Alepidea

capensis (*P.J. Bergius*) *R.A. Dyer, Stokoe s.n.* NBG, F, NS, MSS, P

Heteromorpha

trifoliata (*H.L. Wendl.*) *Eckl. & Zeyh., CJG, MSH, NS, MSS, P*

Anginon

difforme (*L.*) *B.L. Burtt, McDonald 1639* NBG, F, NS, AR, P

Chamarea

capensis, (*Thunb.*) *Eckl. & Zeyh., X, F, NS, MSS, P*

Peucedanum

ferulaceum (*Thunb.*) *Eckl. & Zeyh, McDonald 2033* NBG, F, NS, MSS, P
 galbanum (*L.*) *Drude, X, MSH, NS, MSS, P*
 hypoleucum (*Meisn.*) *Drude, Wurts 453* NBG, F, NS, MSS, P
 tenuifolium *Thunb., McDonald 1880* NBG, F, NS, MSS, P

CORNACEAE**Curtisia**

dentata (*Burm.f.*) *C.A. Sm., P.J. van der Merwe 1309* NBG, T, S, MSS, VE

ERICACEAE**Erica**

adunca *Benth., McDonald 958* NBG, LSH, NS, MSS, P

albans *L., McDonald 1079* NBG, MSH, NS, MSS, P
 albescens *Klotzsch ex Benth., X, Endemic, DSH, NS, MSS, P*
 amicorum *E.G.H. Oliv., X, Endemic, DSH, NS, MSS, P **
 ardens *Andrews, McDonald 1657* NBG, **Endemic**, DSH, NS, HAW, P
 articulata *L., McDonald 2058* NBG, DSH, NS, MSS, P
 atropurpurea *Dulfer, McDonald 1650* NBG, **Endemic**, DSH, NS, HAW, P
 barrydalensis *L. Bolus, McDonald 1238* NBG, **Endemic**, TSH, NS, AR, P *

bergiana *L., McDonald 1899* NBG, DSH, NS, AR, P
 blenna *Salisb., McDonald 959* NBG, **Endemic**, MSH, NS, MSS, P
 bracteolaris *Lam., McDonald 1877* NBG, DSH, NS, MSS, P
 brevifolia *Sol. ex Salisb., McDonald 1664* NBG, DSH, NS, HAW, P
 caffra *L., McDonald 1600* NBG, TSH, NS, MSS, P
 calycina *L., McDonald 1660* NBG, LSH, NS, HAW, P
 carduifolia *Salisb., McDonald 1208* NBG, DSH, NS, HAW, P
 cerinthoides *L., McDonald 1351* NBG, LSH, S, AR, P
 chartacea *Guthrie & Bolus, McDonald 1686* NBG, **Endemic**, DSH, NS, MSS, P
 chlorosepala *Benth., McDonald 1674* NBG, **Endemic**, LSH, NS, HAD P
 coccinea *L., McDonald 1256* NBG, LSH, S, MSS, P
 comata *Guthrie & Bolus, X, Endemic, DSH, NS, HAW, P*
 condensata *Benth., McDonald 1219* NBG, DSH, NS, HAW, P
 conferta *Andrews, McDonald 1264* NBG, DSH, NS, HAW, P
 copiosa *J.C. Wendl., McDonald 964* NBG, DSH, NS, HAW, P
 cordata *Andrews, McDonald 1090* NBG, DSH, NS, HAW, P
 corifolia *L., Bayliss 5860* NBG, LSH, NS, MSS, P
 crassiseppala *Benth., Schlechter 7354* BOL, **Endemic**, DSH, NS, HAW, P
 cubica *L., McDonald 1611* NBG, DSH, NS, MSS, P
 cubita *E.G.H. Oliv., McDonald 1549* NBG, **Endemic**, DSH, NS, HAW, P

curviflora *L., McDonald 2063* NBG, MSH, NS, HAW, P
 cyathiformis *Salisb., Taylor 7607* NBG, LSH, NS, MSS, P
 daphniflora *Salisb., McDonald 1101* NBG, LSH, NS, HAD, P
 deliciosa *H.L. Wendl. ex Benth., McDonald 2051* NBG, DSH, NS, MSS, P
 densifolia *Willd., McDonald 1642* NBG, LSH, NS, AR, P
 dianthifolia *Salisb., McDonald 1169* NBG, DSH, NS, HAW, P
 diaphana *Spreng., Dekenah STEU 10020* DSH, NS, HAW, P
 dodii *Guthrie & Bolus, McDonald 2112* NBG, DSH, NS, HAW, P
 dysantha *Benth., Rourke 302, Endemic, DSH, NS, HAW, P **
 elsieana (*E.G.H. Oliv.*) *E.G.H. Oliv., Esterhuysen 24490* BOL, DSH, NS, HAW, P

garciae *E.G.H. Oliv., McDonald 1798* NBG, LSH, NS, MSS, P
 georgica *Guthrie & Bolus, McDonald 1548* NBG, DSH, NS, HAW, P
 gigantea *Klotzsch ex Benth., Galpin 3626* BOL, **Endemic**, MSH, NS, MSS, P
 glandulosa *Thunb., McDonald 2024* NBG, LSH, NS, MSS, P
 gracilis *J.C. Wendl., McDonald 899* NBG, LSH, NS, MSS, P
 grandiflora *L.f. var. grandiflora, McDonald 878* NBG, LSH, NS, HAD P
 granulatifolia *H.A. Baker, McDonald 1275* NBG, **Endemic**, LSH, NS, HAW, P *

grata *Guthrie & Bolus, McDonald 1531* NBG, **Endemic**, LSH, NS, MSS, P
 heleophila *Guthrie & Bolus, Schlechter 2112* BOL, **Endemic**, LSH, NS, MSS, P *

heterophylla *Guthrie & Bolus, Zeyher 40777* SAM, **Endemic**, DSH, NS, MSS, P *

hispidula *L., McDonald 896* NBG, MSH, NS, HAW, P
 imbricata *L., McDonald 1284* NBG, LSH, NS, HAW, P
 inclusa *H.L. Wendl. ex Benth., Kirsten 431* NBG, **Endemic**, LSH, NS, MSS, P

ixanthera *Benth., Muir 5143* PRE, **Endemic**, LSH, NS, MSS, P *

kougabergensis *H.A. Baker, Esterhuysen 10792* NBG, DSH, NS, HAW, P

langebergensis *H.A. Baker, X, Endemic, DSH, NS, HAD, P*
 lateralis *Willd., X, DSH, NS, MSS, P*
 leucodesmia *Benth., McDonald 1460a* NBG, LSH, NS, HAD, P
 longimontana *E.G.H. Oliv., McDonald 2064* NBG, DSH, NS, HAW, P
 macilenta *Guthrie & Bolus, Schlechter 2043* SAM, **Endemic**, MSH, NS, MSS, P *

macrophylla *Klotzsch ex Benth., McDonald 1545* NBG, **Endemic**, LSH, NS, HAW, P

madida *E.G.H. Oliv., Stokoe 62522* SAM, TSH, NS, MSS, P
 melanthera *L., McDonald 895* NBG, LSH, NS, MSS, P
 microcodon *Guthrie & Bolus, McDonald 1418* NBG, LSH, NS, MSS, P

Erica (cont.)

- monadelpha *Andrews, Burchell* 7002 LSH, S, MSS, P
 mucronata *Andrews, McDonald* 2029 NBG, DSH, NS, HAW, P
 multumbellifera *P.J.Bergius, McDonald* 870 NBG, DSH, NS, HAD, P
 mundii *Guthrie & Bolus, Esterhuysen* 26212 BOL, DSH, NS, MSS, P *
 nematophylla *Guthrie & Bolus, Vogelpoel & Baker* 2472 NBG, **Endemic**, LSH, NS, MSS, P *
 obconica *H.A.Baker, Esterhuysen* 31780 NBG, LSH, NS, HAW, P *
 obtusata *Klotzsch ex Benth., McDonald* 1661 NBG, DSH, NS, HAW, P
 ocellata *Guthrie & Bolus, McDonald* 1217 NBG, **Endemic**, LSH, NS, HAW, P
 omninoglabra *H.A.Baker, McDonald* 1836 NBG, **Endemic**, DSH, NS, HAW, P
 oophylla *Benth., X, Endemic*, DSH, NS, HAW, P
 oxyandra *Guthrie & Bolus, X, Endemic*, DSH, NS, MSS, P *
 palliiflora *Salisb., McDonald* 1949 NBG, LSH, NS, MSS, P
 papyracea *Guthrie & Bolus, McDonald* 1954 NBG, **Endemic**, MSH, NS, HAW, P
 peltata *Andrews, Taylor* 7685 NBG, LSH, NS, MSS, P
 penicilliformis *Salisb., McDonald* 1145 NBG, LSH, NS, HAW, P
 peziza *Lodd., Van Wyk* 334 NBG, LSH, NS, MSS, P
 placentiflora *Salisb., Chater* 2822 NBG, LSH, NS, MSS, P
 plukenetii *L., McDonald* 1987 NBG, LSH, NS, AR, P
 podophylla *Benth., McDonald* 1407 NBG, **Endemic**, DSH, NS, HAW, P
 polifolia *Salisb. ex Benth., McDonald* 1417 NBG, LSH, NS, HAW, P
 pubigera *Salisb., McDonald* 905 NBG, **Endemic**, DSH, NS, MSS, P
 quadrangularis *Salisb., McDonald* 1620 NBG, LSH, NS, MSS, P
 racemosa *Thunb., Thompson* 633 NBG, LSH, NS, MSS, P
 regerminans *L., McDonald* 1221 NBG, LSH, NS, HAW, P
 rhodantha *Guthrie & Bolus, Oliver* 10242 NBG, **Endemic**, LSH, NS, AR, P
 rudolfii *Bolus, McDonald* 1460 NBG, **Endemic**, LSH, NS, HAD, P
 seriphiifolia *Salisb., McDonald* 1958 NBG, LSH, NS, MSS, P
 sonderiana *Guthrie & Bolus, Esterhuysen* 29457 NBG, LSH, NS, HAW, P
 sp. nov. 'amica-amicorum', X, **Endemic**, DSH, NS, MSS, P
 sp. nov., *Esterhuysen* 10470 BOL **Endemic**, DSH, NS, HAW, P
 sp. nov., *Esterhuysen* 24481 BOL **Endemic**, DSH, NS, HAW, P
 sp. nov., *Esterhuysen* 32916 BOL, **Endemic**, DSH, NS, HAW, P
 sp. nov. near albescens, *Esterhuysen* 24481 BOL, **Endemic**, DSH, NS, HAW, P
 sp. nov. near amicum/oligantha, *Esterhuysen* 18247 BOL, **Endemic**, DSH, NS, MSS, P
 sp. nov. near corifolia, *Esterhuysen* 29111 BOL, **Endemic**, LSH, NS, HAD, P
 sp. nov. near obconica/mucronata, *Esterhuysen* 32915 BOL, **Endemic**, DSH, NS, HAW, P
 sp. nov. near zwartbergensis, *Boucher* 1588 NBG, **Endemic**, DSH, NS, AR, P
 sp. nov., *Stokoe s.n.* NBG, **Endemic**, DSH, NS, HAW, P
 sp. nov. white flowers, *Esterhuysen* 24480 BOL, **Endemic**, DSH, NS, HAW, P
 sp. nov., *Esterhuysen* 35157 BOL, **Endemic**, DSH, NS, HAW, P
 sp. nov., *Esterhuysen* 36152 BOL, **Endemic**, DSH, NS, HAW, P
 sp. nov., *McDonald & Morley* 1129 NBG, **Endemic**, TSH, NS, HAD, P
 sp. nov., *McDonald* 1862 NBG, **Endemic**, DSH, NS, HAW, P
 sp. nov., *Schumann* 780 NBG, **Endemic**, DSH, NS, HAW, P
 spectabilis *Klotzsch ex Benth., Marloth* 2532 NBG, LSH, NS, MSS, P
 steinbergiana *H.L.Wendl. ex Klotzsch var. abbreviata Bolus, McDonald* 2066 NBG, LSH, NS, HAW, P
 stenantha *Klotzsch ex Benth., McDonald* 1889 NBG, LSH, NS, HAW, P
 tenuicaulis *Klotzsch ex Benth., Barnard* 45676 SAM, DSH, NS, HAW, P
 tenuis *Salisb., McDonald* 1658 NBG, DSH, NS, HAW, P
 tetragona *L.f., McDonald* 1782 NBG, LSH, NS, HAD, P
 tetrathecoides *Benth., McDonald* 2026 NBG, DSH, NS, MSS, P
 tradouwensis *Compton, Schumann* 305 NBG, **Endemic**, LSH, NS, MSS, P
 transparens *P.J.Bergius, McDonald* 1535 NBG, DSH, S, HAW, P
 triceps *Link, McDonald* 1966 NBG, LSH, NS, MSS, P
 vallis-fluminis *E.G.H.Oliv., McDonald* 1967 NBG, **Endemic**, LSH, NS, MSS, P
 versicolor *J.C.Wendl., Thompson* 625 NBG, MSH, NS, MSS, P
 vestita *Thunb., McDonald* 1103 NBG, MSH, NS, HAD, P
 walkeria *Andrews, Barnard* 28923 SAM, LSH, NS, MSS, P
 winteri *H.A.Baker, McDonald* 916 NBG, **Endemic**, LSH, NS, MSS, P

Syndesmanthus

- articulatus (*L.*) *Klotzsch, McDonald* 2060 NBG, DSH, NS, MSS, P
 scaber *Klotzsch, Esterhuysen* 16980 BOL, DSH, NS, MSS, P
 similis *N.E.Br., McDonald* 2065 NBG, DSH, NS, MSS, P

Anomalanthus

- scoparius *Klotzsch, McDonald* 2069 NBG, DSH, NS, MSS, P

Thoracosperma

- galpinii *N.E.Br., McDonald* 996 NBG, LSH, NS, AR, P

Sympieza

- gracilis (*Bartl.*) *E.G.H.Oliv., McDonald* 977 NBG, DSH, NS, MSS, P

Scyphogyne

- muscosa (*Aiton*) *Druce, McDonald* 1878 NBG, LSH, NS, MSS, P
 tenuis (*Benth.*) *E.G.H.Oliv., Burchell* 7034 PRE, **Endemic**, DSH, NS, MSS, P

Coccosperma

- parviporandrum *E.G.H.Oliv., McDonald* 1193 NBG, LSH, NS, MSS, P

MYRSINACEAE**Myrsine**

- africana *L., Compton* 5727 NBG, T, NS, MSS, VE

Rapanea

- melanophloeos (*L.*) *Mez, X, T, NS, MSS, VE*

EBENACEAE**Euclea**

- polyandra (*L.f.*) *E.Mey ex Hiern, Van der Merwe* 125 NBG, LSH, NS, AR, VE
 racemosa *Murray, Bolus* 30680 BOL, T, NS, MSS, VE
 schimperi (*A.DC.*) *Dandy, CJG, T, NS, MSS, VE*

Diospyros

- austro-africana *De Winter, X, TSH, NS, AR, VE*
 dichrophylla (*Gand.*) *De Winter, Hugo* 1075 NBG, TSH, NS, MSS, VE
 glabra (*L.*) *De Winter, McDonald* 2043 NBG, LSH, NS, MSS, VE
 simii (*Kuntze*) *De Winter, CJG, MSH, NS, MSS, VE*
 whyteana (*Hiern.*) *F.White, Zeyher* 3352 BOL, TSH, NS, MSS, VE

OLEACEAE**Chionanthus**

- foveolatus (*E.Mey.*) *Stearn, CJG, T, NS, MSS, P*

Olea

- capensis *L. subsp. capensis, Bohnen* 7769 NBG, T, S, MSS, VE
 capensis *L. subsp. macrocarpa (C.H.Wright) I.Verd., X, T, S, MSS, VE*
 europaea *L. subsp. africana (Mill.) P.S.Green, X, T, S, MSS, VE*

LOGANIACEAE**Nuxia**

- floribunda *Benth., CJG, T, NS, MSS, P*

Buddleja

- saligna *Willd., Willems* 82 NBG, T, NS, MSS, P
 salviifolia (*L.*) *Lam., CJG, TSH, NS, MSS, P*

GENTIANACEAE**Sebaea**

- capitata *Cham. & Schltdl. var. sclerosepala (Schinz) Murais, McDonald* 1223 NBG, F, NS, HAW, P
 elongata *E.Mey., McDonald* 1434 NBG, F, NS, MSS, P
 laxa *N.E.Br., Galpin* 4337 NBG, **Endemic**, F, NS, MSS, P
 stricta (*E.Mey.*) *Gilg, McDonald* 2097 NBG, F, NS, HAD, P
 sulphurea *Cham. & Schltdl., Esterhuysen* 25030 BOL, F, NS, HAW, P

Chironia

- jasminoides *L., McDonald* 1868 NBG, F, NS, HAW, P
 linoides *L. subsp. linoides, McDonald* 1792 NBG, LSH, NS, AR, P

APOCYNACEAE**Carissa**

- bispinosa (*L.*) *Desf. ex Brenan* subsp. bispinosa, CJG, MSH, NS, MSS, VE

ASCLEPIADACEAE**Microloma**

- tenuifolium (*L.*) *K.Schum., X, F, NS, AR, W*

Gomphocarpus

- cancellatus (*Burm.f.*) *Bruyns, Haynes* 1462 NBG, LSH, NS, MSS, W

Oncinema

lineare (L.f.) Bullock, CJG, V, NS, MSS, W

Secamone

alpini Schult., Van der Merwe 77 NBG, V, NS, MSS, W

CONVOLVULACEAE

Cuscuta

africana Willd., McDonald 1414 NBG, Pa, NS, MSS, VE

BORAGINACEAE

Lobostemon

decorus Levyns, X, LSH, S, AR, P

echioides Lehm., McDonald 1822 NBG, DSH, S, AR, P

marlothii Levyns, Glen 785 BOL, LSH, S, AR, P

muri Levyns, McDonald 2090 NBG, **Endemic**, LSH, S, AR, P *

strigosus (Lehm.) H.Buek, X, LSH, S, AR, P

STILBACEAE

Stilbe

albiflora E.Mey., X, DSH, NS, MSS, P

phylicoides A.DC., Taylor 3876, 7203 NBG, **Endemic**, LSH, S, MSS, P

vestita P.J.Bergius, X, LSH, NS, MSS, P

LAMIACEAE

Stachys

aethiopica L., Wurts 461 NBG, F, NS, MSS, P

sublobata Skan, McDonald 1748 NBG, F, NS, AR, P

Plectranthus

fruticosus L'Hér., McDonald 1281 NBG, MSH, NS, MSS, P

SOLANACEAE

Solanum

giganteum Jacq., CJG, LSH, NS, MSS, P

SCROPHULARIACEAE

Halleria

lucida L., Van der Walt 1537 NBG, TSH, S, MSS, VE

Teedia

lucida (Sol.) Rudolphi, McDonald 1044 NBG, LSH, S, MSS, VE

Oftia

africana (L.) Bocq., Hugo 62 NBG, LSH, NS, MSS, P

Suteralangebergensis Hilliard, Galpin 4379 PRE, **Endemic**, F, NS, MSS, P

revoluta (Thunb.) Kuntze, McDonald 1883 NBG, LSH, NS, AR, P

subnuda (N.E.Br.) Hiern, Burger 29 NBG, **Endemic**, LSH, NS, AR, P ***Jamesbrittenia**

argentea (L.f.) Hilliard, Viviers 364 NBG, DSH, NS, MSS, P

Phyllopodium

elegans (Choisy) Hilliard, Esterhuysen 24579 NBG, F, NS, MSS, P

multifolium Hiern, Esterhuysen 24608 BOL, HE, NS, AR, P *

rustii (Rolfe) Hilliard, Wurts 210 NBG, HE, NS, HAW, P

Selago

brevifolia Rolfe, McDonald 1136 NBG, DSH, NS, AR, P

cylindrica Levyns, Bolus 8072 BOL, DSH, NS, MSS, P

dregii Rolfe, De Kock 100 NBG, LSH, NS, MSS, P

eckloniana Choisy, McDonald 1497 NBG, LSH, NS, HAD, P

glabrata Choisy, X, LSH, NS, MSS, P

procera Hilliard, X, LSH, NS, MSS, P

ramulosa E.Mey., McDonald 941 NBG, LSH, NS, MSS, P

Walafrida

cinerea (L.f.) Rolfe, X, LSH, NS, MSS, P

gracilis Rolfe, X, DSH, NS, MSS, P

squarrosa Rolfe, X, DSH, NS, MSS, P

Pseudoselago

caerulescens Hilliard, McDonald 1516 NBG, LSH, NS, MSS, P

candida Hilliard, Marsh 1148 NBG, LSH, NS, MSS, P

gracilis Hilliard, Van Wyk 715 NBG, LSH, NS, MSS, P

langebergensis Hilliard, McDonald 2041 NBG, **Endemic**, LSH, NS, MSS, P**Harveya**

bolusii Kuntze, McDonald 1542 NBG, HE/Pa, NS, HAW, P

capensis Hook., McDonald 1790 NBG, HE/Pa, NS, AR, P

stenosiphon Hiern, McDonald 1503 NBG, HE/Pa, NS, MSS, P

LENTIBULARIACEAE

Utricularia

bisquamata Schrank, Levyns & Levyns 694 NBG, HE, NS, MSS, P

RUBIACEAE

Burchellia

bubalina (L.f.) Sims, Van der Merwe 1383, T, NS, MSS, P

Rothmannia

capensis Thunb., Taylor 336 NBG, T, NS, MSS, P

Canthium

inermis (L.f.) Kuntze, Taylor 180 NBG, T, NS, MSS, P

mundianum Cham. & Schltdl., CJG, T, NS, MSS, P

Psydrax

obovata (Eckl. & Zeyh.) Bridson subsp. obovata, CJG, T, NS, MSS, P

Galopina

circaeoides Thunb., CJG, F, NS, MSS, P

Anthospermum

aethiopicum L., Bohnen 7599 NBG, MSH, NS, MSS, P

galioides Rchb.f. subsp. reflexifolium (Kuntze) Puff, McDonald 1598 NBG, DSH, NS, MSS, P

spatulatum Spreng. subsp. spatulatum, McDonald 1000 NBG, MSH, NS, AR, P

Nenax

acerosa Gaertn. subsp. acerosa, McDonald 2090a NBG, LSH, NS, AR, P

Carpacoegigantea Puff, McDonald 1055a NBG, **Endemic**, LSH, NS, MSS, P *

spermacoea (Rchb.f.) Sond. subsp. spermacoea, McDonald 1838 NBG, DSH, NS, HAW, P

vaginellata Salter, X, LSH, NS, MSS, P

Galium

mucroniferum Sond., CJG, F, NS, MSS, P

undulatum Puff, McDonald 1263 NBG, F, NS, MSS, P

DIPSACACEAE

Scabiosa

columbaria L., Van der Merwe 286 NBG, F, NS, MSS, W

CUCURBITACEAE

Zehneria

scabra (L.f.) Sond., Taylor 1026 NBG, V, NS, MSS, P

CAMPANULACEAE

Roella

prostrata E.Mey ex A.DC., Taylor 7690 NBG, LSH, NS, MSS, P

Prismatocarpus

brevilobus A.DC., X, DSH, NS, MSS, P

campanuloides (L.f.) Sond., X, DSH, NS, AR, P

candolleanus Cham., X, LSH, NS, AR, P

cliffortioides Adamson, X, LSH, NS, MSS, P

debilis Adamson, Wurts 581 NBG, F, NS, HAD, P

lasiophyllus Adamson, Adamson 3883 BOL (Type), **Endemic**, F, NS, HAD, P

tenerrimus H.Buek., X, DSH, NS, HAW, P

Siphocodon

spartioides Turcz., McDonald 1900 NBG, LSH, NS, AR, P

Wahlenbergia

albans (Spreng. ex A.DC.) Lammers, McDonald 1111 NBG, DSH, NS, AR, P

cernua (Thunb.) A.DC., Bohnen 7971 NBG, F, NS, MSS, P

desmantha Lammers, McDonald 2048 NBG, LSH, NS, AR, P

exilis A.DC., X, F, NS, AR, P

fruticosa Brehmer, Bohnen 8437 NBG, **Endemic**, LSH, NS, MSS, P

neorigida Lammers, X, LSH, NS, AR, P

obovata Brehmer, Bohnen 8955 NBG, F, NS, MSS, P

oligantha Lammers, Adamson 4832 SAM, LSH, NS, MSS, P

riversdalensis Lammers, Muir 2628 NBG, LSH, NS, MSS, P *

subrosulata Brehmer, X, F, NS, MSS, P

tenella (L.f.) Lammers var. palustris (Adamson) W.G. Welman, Taylor 4775 NBG, LSH, NS, MSS, P

LOBELIACEAE

Cyphia

volubilis (Burm.f.) Willd., McDonald 1439 NBG, F, NS, MSS, P

zeyheriana C.Presl. ex Eckl. & Zeyh., X, F, NS, MSS, P

Lobelia

- capillifolia (C.Presl.) A.DC., X, F, NS, AR, P
 chamaepitys Lam., X, DSH, NS, MSS, P
 coronopifolia L., McDonald 1676 NBG, F, S, MSS, P
 dasyphylla E. Wimm., Esterhuysen 4805 BOL, **Endemic**, F, S, MSS, P *
 erinus L., McDonald 862 NBG, F, NS, MSS, P *
 hypsibata E. Wimm., X, **Endemic**, F, NS, MSS, P *
 jasionoides (A.DC.) E. Wimm., Marsh 1113 NBG, F, S, MSS, P
 linearis Thunb., Burger 102 NBG, F, NS, MSS, P
 muscoides Cham., McDonald 1888 NBG, **Endemic**, F, NS, HAW, P
 neglecta Roem. & Schult., McDonald 1605 NBG, F, NS, MSS, P
 patula L.f., Muir 2698 BOL, F, NS, MSS, P
 pinifolia L., McDonald 1061 NBG, F, NS, AR, P
 pubescens Dryand ex Aiton var. pubescens, Thompson 671 NBG, F, NS, HAW, P
 pubescens Dryand ex Aiton var. rotundifolia E. Wimm., McDonald 1995 NBG, F, NS, HAW, P

Laurentia

- bifida (Thunb.) Sond., McDonald 1888a NBG, HE NS, MSS, P
 longitubus E. Wimm., Schlechter s.n. BOL (Isotype), **Endemic**, HE NS, MSS, P *
 pygmaea (Thunb.) Sond., Thorn s.n. NBG, F, NS, MSS, P

ASTERACEAE**Corymbium**

- africanum L. subsp. scabridum (P.J.Bergius) Weitz
 var. gramineum (Burm.f.) Weitz, McDonald 1461 NBG, F, S, HAD P
 var. scabridum, McDonald 1485 NBG, F, S, HAD P
 glabrum L. var. glabrum, McDonald 1471 NBG, F, S, HAD P *

Pteronia

- beckeoides DC., X, **Endemic**, LSH, NS, MSS, W
 camphorata L. var. longifolia Harv., McDonald 1266 LSH, NS, HAW, W
 stricta Aiton, X, MSH, NS, HAW, W

Gymnostephium

- fruticosum DC., X, **Endemic**, LSH, NS, HAW, P
 gracile Less., X, LSH, NS, MSS, P

Zyrphelis

- lasiocarpa (DC.) Kuntze, Taylor 7689 NBG, F, NS, MSS, P
 microcephala (Less.) Nees, McDonald 1462 NBG, F, NS, HAW, P

Mairia

- crenata (Thunb.) Nees, McDonald 1409 NBG, F, NS, HAW, P
 hirsuta DC., McDonald 1582 NBG, F, NS, HAW, P

Felicia

- cana DC., Thompson 2680 NBG, DSH, NS, AR, W
 comptonii Grau, Esterhuysen 23800 NBG, (Type), **Endemic**, LSH, NS, AR, W
 denticulata Grau, Hall 1431 NBG, LSH, NS, MSS, W
 filifolia (Vent.) Burt Davy subsp. bodkinii (Compton) Grau, McDonald 1009 NBG, MSH, NS, AR, W
 cf. hirsuta DC., X, LSH, NS, HAD, W
 minima (Hutch.) Grau, Bohnen 9118 NBG, F, NS, AR, W
 muricata (Thunb.) Nees, X, LSH, NS, AR, W

Chrysocoma

- ciliata L., McDonald 1342 NBG, F, NS, AR, W
 flava Ehr.Bayer, X, F, NS, MSS, W

Brachylaena

- neriifolia (L.) R.Br., McDonald 1589 NBG, T, NS, MSS, W

Gnaphalium

- declinatum L.f., McDonald 1630 NBG, F, NS, AR, W

Troglophyton

- capillaceum (Thunb.) Hilliard & B.L.Burt, Lewis s.n. BOL, F, NS, MSS, W

Plecostachys

- polifolia (Thunb.) Hilliard & B.L.Burt, McDonald 1447 NBG, LSH, NS, AR, W

Langebergia

- canescens, (DC.) Anderb., McDonald 1228 NBG, **Endemic**, DSH, NS, HAW, W

Phaenocoma

- prolifera (L.) D.Don, Burger 19 NBG, LSH, NS, AR, W

Anderbergia

- fallax B.Nord., Esterhuysen 24503 BOL, **Endemic**, DSH, NS, HAD, W

Syncarpha

- eximia (L.) B.Nord., McDonald 1259 NBG, MSH, NS, MSS, W
 gnaphaloides, (L.) DC., Van Wyk 661 NBG, LSH, NS, AR, W

- milleflora (L.f.) B.Nord., McDonald 1784 NBG, MSH, NS, AR, W
 paniculata (L.) B.Nord., McDonald 1113 NBG, LSH, NS, AR, W
 speciosissima (L.) B.Nord. subsp. angustifolia (DC.) B.Nord., Du Plessis 79 NBG, LSH, NS, MSS, W
 vestita (L.) B.Nord., McDonald 1456 NBG, LSH, NS, MSS, W
 virgata (P.J.Bergius) B.Nord., McDonald 1634 NBG, LSH, NS, AR, W

Helichrysum

- capense Hilliard, McDonald 1550 NBG, DSH, NS, HAW, W
 cymosum (L.) D.Don subsp. cymosum, Taylor 7580a NBG, LSH, NS, HAW, W
 dasyanthum (Willd.) Sweet, McDonald 2007 NBG, LSH, NS, MSS, W
 felinum Less., McDonald 1421 NBG, F, NS, MSS, W
 foetidum (L.) Moench, McDonald 1881 NBG, F, NS, MSS, W
 lancifolium (Thunb.) Thunb., McDonald 1739 NBG, LSH, NS, AR, W
 nudifolium (L.) Less., Taylor 7581 NBG, F, NS, MSS, W
 oxyphyllum DC., McDonald 1541 NBG, F, NS, HAW, W
 odoratissimum (L.) Sweet, Taylor 4769 NBG, LSH, NS, MSS, W
 plebium DC., X, **Endemic**, DSH, NS, MSS, W
 cf. rotundifolium (Thunb.) Less, X, F, NS, HAD, W
 spiralepis, Hilliard & B.L.Burt, McDonald 1538 NBG, F, NS, HAW, W
 tinctum (Thunb.) Hilliard & B.L.Burt, Taylor 7582 NBG, F, NS, MSS, W
 zeyheri Less., Burger 42 NBG, LSH, NS, MSS, W
 zwartbergense Bolus, X, F, NS, HAD, W

Edmondia

- pinifolia (Lam.) Hilliard, McDonald 2030 NBG, F, NS, HAW, W
 sesamoides (L.) Hilliard, McDonald 1033 NBG, F, NS, HAW, W

Stoebe

- aethiopica L., Burger 61 NBG, MSH, NS, AR, W
 alopecuroides (Lam.) Less., Bohnen 8371 NBG, MSH, NS, MSS, W
 capitata P.J.Bergius, Bohnen 5322 NBG, LSH, NS, AR, W
 cinerea (L.) Thunb., McDonald 1037 NBG, LSH, NS, MSS, W
 incana Thunb., Bohnen 8434 NBG, LSH, NS, MSS, W
 intricata Levyns, X, LSH, NS, AR, W
 microphylla DC., McDonald 999 NBG, DSH, NS, MSS, W
 plumosa (L.) Thunb., Bohnen 8366 NBG, MSH, NS, MSS, W
 saxatilis Levyns, McDonald 1155 NBG, LSH, NS, HAD, W
 spiralis Less., McDonald 1927 NBG, LSH, NS, AR, W

Disparago

- ericoides (P.J.Bergius) Gaertn., McDonald 1781 NBG, DSH, NS, AR, W

Elytropappus

- cyathiformis DC., McDonald 1247 NBG, LSH, NS, AR, W
 glandulosus Less., McDonald 1100 NBG, LSH, NS, AR, W
 gnaphaloides (L.) Levyns, McDonald 1110 NBG, LSH, NS, AR, W
 rhinocerotis (L.f.) Less., Schlieben & Ellis 12372 NBG, MSH, NS, AR, W
 scaber (L.f.) Levyns, Kruger 1273 NBG, LSH, NS, AR, W

Metalasia

- densa (Lam.) P.O. Karis, McDonald 1007 NBG, MSH, NS, MSS, W
 galpinii L.Bolus, McDonald 1973 NBG, MSH, NS, AR, W
 massonii S.Moore, McDonald & Morley 1007 NBG, MSH, NS, AR, W
 pallida Bolus, McDonald 2046 NBG, MSH, NS, AR, W
 pungens D.Don, Haynes 625 NBG, MSH, NS, AR, W

Dolicothrix

- ericoides (Lam.) Hilliard & B.L.Burt, X, DSH, NS, AR, W

Relhania

- calycina (L.f.) L'Hér. subsp. apiculata (DC.) K.Bremer, McDonald 1133 NBG, LSH, NS, AR, P
 pungens L'Hér. subsp. pungens, Bohnen 8670 NBG, LSH, NS, AR, P

Athrixia

- heterophylla (Thunb.) Less. subsp. heterophylla, McDonald 1583 NBG, F, NS, MSS, P

Heterolepis

- peduncularis DC., Schlechter 2124 NBG, DSH, NS, AR, W
 sp. nov., McDonald 2091 NBG, **Endemic**, DSH, NS, AR, W

Osmitopsis

- osmitoides (Less.) K.Bremer, McDonald 978 NBG, LSH, NS, MSS, P

Erioccephalus

- sp., McDonald 992 NBG, LSH, NS, AR, VE

Oedera

- capensis (L.) Druce, McDonald 1340 NBG, DSH, NS, AR, P
 imbricata Lam., Ruiters 10 NBG, DSH, NS, MSS, P

Athanasia

- inopinata (Hutch.) Kallersjö, Levyns 640 NBG, **Endemic**, DSH, NS, MSS, P

Athanasia (cont.)

junceae (DC.) D.Dietr., Taylor 7604 NBG, LSH, NS, AR, P
trifurcata (L.) L., Lewis 5393 NBG, LSH, NS, MSS, P

Hymenolepis

incisa DC., McDonald 966 NBG, MSH, NS, HAW, P
parviflora (L.) DC., McDonald 1847 NBG, MSH, NS, AR, P

Hippia

frutescens (L.) L., McDonald 1441 NBG, LSH, NS, MSS, P
hirsuta DC., X, DSH, NS, MSS, P
hutchinsonii Merxm., McDonald 1892 NBG, DSH, NS, HAW, P
integrifolia Less., McDonald 1153 NBG, **Endemic**, DSH, NS, HAW, P
pilosa (P.J.Bergius) Druce, Van Wyk 704 NBG, DSH, NS, MSS, P

Artemisia

afra Jacq. ex Willd., CJG, F, NS, MSS, W

Pentzia

dentata (L.) Kuntze, Schlechter 2004 NBG, LSH, NS, AR, P
elegans DC., Burger 35 NBG, DSH, NS, AR, P

Senecio

aizoides (DC.) Sch.Bip., McDonald 1191 NBG, SUC NS, MSS, W
amabilis DC., McDonald 861 NBG, LSH, NS, MSS, W
aquifoliaceus DC., X, **Endemic**, F, NS, MSS, W
bipinnatus (Thunb.) Less., McDonald 873 NBG, LSH, NS, MSS, W
cf. sophioides DC., X, F, NS, MSS, W
cordifolius L.f., McDonald 1925 NBG, F, S, HAW, W
crassulaefolius (DC.) Sch.Bip., Levyns 10117 NBG, F, MSS, P
crenatus Thunb., Taylor 7580 NBG, LSH, NS, MSS, W
cymbalariaifolius (Thunb.) Less., McDonald 1956 NBG, F, NS, MSS, W
deltoideus Less., Viviers 358 NBG, F, NS, MSS, W
erosus L.f., X, F, NS, MSS, W
erubescens Aiton, Taylor 3850 NBG, F, NS, MSS, W
hastatus L., Compton 8739 NBG, F, NS, MSS, W
ilicifolius (L.) Thunb., McDonald 1074 NBG, LSH, NS, MSS, W
incisus Thunb., X, **Endemic**, LSH, NS, MSS, W
lineatus (L.f.) DC., McDonald 1267 NBG, LSH, NS, HAW, W
lyratus L.f., McDonald 1480 NBG, MSH, NS, MSS, W
muriarii L.Bolus, X, **Endemic**, LSH, NS, MSS, W *
oliganthus DC. X, DSH, NS, MSS, W
paniculatus P.J.Bergius, McDonald 1482 NBG, F, NS, MSS, W
pinifolius (L.) Lam., McDonald 1269 NBG, LSH, NS, MSS, W
quinquelobus (Thunb.) DC., Taylor 723 NBG, V, NS, MSS, W
rehmannii Bolus, McDonald 1928 NBG, LSH, NS, HAW, W *
subcanescens (DC.) Compton, McDonald 1511 NBG, F, NS, MSS, W

Euryops

abrotanifolius (L.) DC., McDonald 1190 NBG, LSH, NS, MSS, P
erectus (Compton) B.Nord., X, LSH, NS, MSS, P
pinnatipartitus (DC.) B.Nord., McDonald 1273 NBG, LSH, NS, HAW, P
tenuissimus (L.) DC., Taylor 10077 NBG, MSH, NS, AR, P

Othonna

gymnodiscus (DC.) Sch.Bip. X, F, NS, AR, W
mucronata Harv., McDonald 1337 NBG, LSH, NS, AR, W
parviflora P.J.Bergius, McDonald 1336 NBG, MSH, NS, AR, W
quinquedentata Thunb., McDonald 1148 NBG, LSH, NS, HAW, W

Dimorphotheca

acutifolia Hutch., McDonald 1496 NBG, F, NS, AR, P

Osteospermum

bolusii (Compton) Norl., Lewis 5388 NBG, MSH, NS, HAW, P
corymbosum L., McDonald 1870 NBG, TSH, NS, AR, P
glabrum N.E.Br., Ruiters 6 NBG, LSH, NS, AR, P
imbricatum L. subsp. imbricatum, McDonald 1354 NBG, MSH, NS, AR, P
junceum P.J.Bergius, McDonald 2104 NBG, MSH, NS, AR, P
polygaloides L., X, LSH, NS, MSS, P
pyrifolium Norl., Ruiters 13 NBG, **Endemic**, F, NS, MSS, P
spinosum L., Compton 8754 NBG, LSH, NS, MSS, P
triquetrum L.f., McDonald 2025 NBG, DSH, NS, MSS, P

Chrysanthemoides

monilifera (L.) Norl. subsp. pisifera (L.) Norl., McDonald 1588 NBG, MSH, NS, MSS, VE

Ursinia

anethoides (DC.) N.E.Br., Taylor 4248 NBG, F, NS, MSS, W
chrysanthemoides (Less.) Harv., X, F, NS, MSS, W *
heterodonta (DC.) N.E.Br., McDonald 1339 NBG, F, NS, AR, W
hispidula (DC.) N.E.Br., McDonald 979 NBG, **Endemic**, F, NS, MSS, W
nudicaulis (Thunb.) N.E.Br., X, F, NS, MSS, W
paleacea (L.) Moench, Taylor 3858 NBG, F, S, MSS, W
punctata (Thunb.) N.E.Br., Stokoe s.n. NBG, F, NS, MSS, W
scariosa (Aiton) Poir. subsp. scariosa, McDonald 1632 NBG, F, NS, AR, W
scariosa (Aiton) Poir. subsp. subhirsuta (DC.) Prassler, McDonald 1678 NBG, F, NS, MSS, W
serrata (L.f.) Poir., McDonald 1508 NBG, F, NS, MSS, W
tenuifolia (L.) Poir., X, F, NS, MSS, W
trifida (Thunb.) N.E.Br., McDonald 1509 NBG, F, NS, MSS, W

Arctotis

acaulis L., McDonald 1338 NBG, F, NS, AR, W
discolor (Less.) P.Beauv., Van Wyk 707 NBG, F, NS, AR, W
stoechadifolia P.J.Bergius, McDonald 1746 NBG, F, NS, AR, W *
virgata Jacq., Barker 8942 NBG, **Endemic**, F, NS, AR, W

Haplocarpha

lanata (Thunb.) Less., X, F, NS, MSS, W

Gazania

ciliaris DC., Galpin 4263 NBG, F, NS, MSS, W

Cullumia

aculeata (Houtt.) Roessler var. aculeata, McDonald 2005 NBG, DSH, NS, MSS, P
aculeata (Houtt.) Roessler var. sublanata (DC.) Roessler, McDonald 1223a NBG, DSH, NS, HAD, P

Berkheya

armata (Vahl) Druce, Hugo 2741 NBG, F, NS, MSS, P
carduoides (Less.) Hutch., Stokoe s.n. NBG, F, NS, MSS, P
carlinoides (Vahl) Willd., Wurts 166 NBG, F, NS, MSS, P

Oldenburgia

paradoxa Less., Taylor 12116 NBG, LSH, NS, AR, VE/W

Dicoma

spinosa (L.) Druce, Taylor 10272 NBG, DSH, NS, AR, P

Gerbera

cf. crocea (L.) Kuntze, X, F, S, MSS, W
linnaei Cass., X, F, S, MSS, W
serrata (Thunb.) Druce, McDonald 1486 NBG, F, S, MSS, W