

EXTINCT & THREATENED

ACANTHACEAE

Duvernoia aconitiflora A.Meeuse

Status: EN B1B2cD2

Threats: Urban expansion

Distribution: Ingwavuma Gorge (Lebombo District)
Could be in forest or grassland. The closest locality to Swaziland is in the southern highveld in South Africa, some 100 km away. High human population growth in the area constitutes a threat.

ALOACEAE

Aloe albidia Stapf

Status: EN B1B2cde

Endemism: Near-endemic

Distribution: Malolotja, Pigg's Peak

Tips into Swaziland from the Barberton area in South Africa. Barberton is the type locality. Apparently only one locality outside Swaziland.

Aloe chortolirioides A.Berger var. *chortolirioides*

Aloe chortolirioides A.Berger var. *boastii* (Letty) Reynolds

Status: EN B1B2abc2a

Distribution: Bulembu area, Barberton Mountains, Malolotja, Hawane Waterfall, Pigg's Peak (gold mine)
On rocky open outcrops. Is a fire-dependent species. Was listed as Rare for Swaziland in previous RDLs. The red form is found in the Bulembu area. Common between Bulembu (Swaziland) and Barberton Mountains (South Africa). Generally known from Limpopo Province and Mpumalanga in South Africa.

Aloe dewetii Reynolds

Status: EN A1acd

Threats: Collection

Distribution: Hlatikulu (Grand Valley)

Listed by WCMC's RDL as vulnerable for Swaziland and previously Rare. Previously found in the Hlatikulu (1970s), but could not be found there recently. Is a spotted-leaf aloe eaten by people. Threatened by a high population density.

Aloe ecklonis Salm-Dyck

Aloe kraussii Baker; *Aloe boylei* Baker

Status: VU B1B2cD2

Distribution: Malolotja area, Forbes Reef, between Motjane and Oshoek

Tips into Swaziland. Mainly a South African distribution. Very common and widespread in South Africa.

Aloe kniphofioides Baker

Status: VU A2cB1B2c

Threats: Collection, harvesting, grazing, fire, urban expansion

Distribution: Malolotja, Forbes Reef, Nyonyane Sisa Ranch, Bulembu, Mbabane, Mankayane
Grass aloe. Common in Malolotja. Not protected in Forbes Reef. Used in Nyonyane Sisa. Medicinal usage, cattle and resettlement are further threats. Widespread in South Africa.

Aloe minima Baker var. *minima*

Aloe minima Baker var. *blyderivierensis* (Groenew.) Reynolds;

Aloe parviflora Baker

Status: VU A1cB1B2bd1

Endemism: Near-endemic?

Threats: Road network

Distribution: Forbes Reef, Malolotja, Ngwenya, Motjane

Scattered. Very small and inconspicuous. In previous RDLs, considered Rare in Swaziland. Very common in South Africa (Limpopo Province and Mpumalanga).

AMARYLLIDACEAE

Cyrtanthus nutans R.A.Dyer

Status: EN A1c

Threats: Damming

Distribution: Komati Bridge, Magwya Farm area, between Pigg's Peak and Mbabane

Haemanthus paucifolius Snijman & A.E.van Wyk

Status: VU C2bd2

Endemism: Near-endemic

Threats: Damming, grazing

Distribution: Maguga

Found along the Komati River. Recently discovered in Swaziland from only one locality. In South Africa, it is known from only a few localities in fairly close proximity to the Swaziland border.

ANACARDIACEAE

Lannea antiscorbutica (Hiern) Engl.

Status: EN DB1B2aC2b

Endemism: Near-endemic

Distribution: Umbeluzi Gorge (Mlawula)

Previously only known from a single locality in South Africa near the Swaziland-Mozambique border.

APOCYNACEAE

Adenium multiflorum Klotzsch

Status: EN A2cdB1B2abcC1

Threats: Agriculture

Distribution: Near Tambuthi, Big Bend

Very restricted in Swaziland. One large scattered subpopulation. Sugarcane farming and lower Usuthu development are threats. Well represented outside Swaziland. The species nomenclature is not always recognised or in use in other countries.

Adenium swazicum Stapf

Status: EN A1acdB1B2abcd

Endemism: Near-endemic

Threats: Agriculture, damming, collection, alien plant infestation, habitat degradation

Distribution: West of Lebombo, Big Bend area and northwards

Thorny thicket on brackish plains. This succulent is protected by legislation. Its habitat is also very fragmented. Distribution mainly from north of Komatiport in South Africa to Big Bend in Swaziland. The main threat is urban development.

ASCLEPIADACEAE

Asclepias eminens (Harv.) Schltr.

Status: VU B1B2cD2

Threats: Grazing, soil erosion, fire

Distribution: Mpisi, Malkerns, St. Josephs, Hlatikulu, Manzini

A widely scattered but uncommon species. In Zimbabwe it is a distinct ecotype. Edible plant.

Brachystelma coddii R.A.Dyer

Status: EN B1B2c2aD

Distribution: Malolotja, Bomvu Ridge, Mbabane, Pigg's Peak

Three records in Swaziland, including from a protected area, by Compton, Braun and Kemp.

Brachystelma swazicum R.A.Dyer

Status: EX?

Endemism: Near-endemic?

Distribution: Rocky hills northeast of Mbabane, (Malandzela Area, on the road to Maphalaleni)

Known from two records in Swaziland by Compton and Kemp in Mbabane.

Ceropegia cimiciodora Oberm.

Status: EN B1B2c

Threats: Grazing

Distribution: Ingwavuma Poort

Restricted distribution. In a previous RDL, it is considered Endangered in South Africa's former Transvaal. Found in a restricted area. Grazing by cattle is a threat.

Orbeopsis gerstneri (Letty) L.C.Leach subsp. *gerstneri*

Status: EN B1B2c

Endemism: Endemic

Threats: Habitat degradation, grazing

Distribution: Ingwavuma Poort

One subpopulation said to be in Swaziland, but further taxonomic scrutiny is required. Partial habitat decline induced by cattle grazing is a threat.

Pachycarpus stelliceps N.E.Br.

Status: EX

Endemism: Endemic

Distribution: Mbabane

Only known from the type collection made near Mbabane. Reported to be extinct.

ASPHODELACEAE

Kniphofia tysonii Baker subsp. *lebomboensis* Codd

Status: CR A2B1B2bceC1C2b

Endemism: Near-endemic

Threats: Collection, alien plant infestation, road network

Distribution: Lebombo (South of Stegi)

Grew in a pan, but a road has been developed near the locality. High density area. Used for its medicinal properties. Reported to occur in South Africa.

Kniphofia umbrina Codd

Status: CR B1B2ce

Endemism: Near-endemic

Threats: Habitat degradation

Distribution: Mbabane, Forbes Reef, Hwane

Confined to small area near Mbabane. Only eight very small subpopulations are known. It is highly fragmented and declining due to habitat destruction.

ASTERACEAE

Aster pseudobakeranus Lippert

Status: VU D2

Endemism: Endemic

Distribution: Poliniane River, Ukuthula (Mbabane Division), Verdun (Hlatikulu Division)

Restricted distribution.

Helichrysum milleri Hilliard

Status: VU D2

Endemism: Near-endemic

Distribution: Barberton Mountains

On forest margins in grassland. Known mainly from the Barberton mountains in South Africa.

CANELLACEAE

Warburgia salutaris (Bertol.f.) Chiov.

Status: CR A1bcd

Threats: Collection

Distribution: Malolotja, possibly in Lomati Valley

Only six trees observed outside protected areas in Swaziland (as reported by conservation authorities in Swaziland). Very few individuals in protected areas, but these are regenerating and are currently not being utilised.

CAPPARACEAE

Bachmannia woodii (Oliv.) Gilg

Status: CR B1B2cC2a

Distribution: Jilobi

Only one record for this species in Swaziland.

CARYOPHYLLACEAE

Dianthus mooiensis F.N.Williams subsp. *kirkii* (Burt Davy) Hooper

Status: VU C1C2a

Threats: Collection

Distribution: Malolotja, Piggs Peak, Usuthu, Maguga Dam

In South Africa, found in the Magaliesberg and Witwatersrand (possibly declining over much of its range). Has horticultural potential. In Swaziland, it is used to make the royal soap for the King. The Swaziland subpopulations are scattered and locally rare. Utilisation is a serious threat.

CRASSULACEAE

Crassula vaginata Eckl. & Zeyh. subsp. *minuta* Eckl. & Zeyh.

Status: CR A1cB1B2ab

Endemism: Near-endemic

Threats: Urban expansion, habitat degradation

Distribution: North of Mbabane (possibly Nkwalini landfill site)

Found on rocky granite hills. Could be extirpated in the next five to ten years. Landfill site is a serious threat to locality, seriously threatened. The species is known only from this site in Swaziland.

ERICACEAE

Erica swaziensis E.G.H.Oliv.

Status: EN B1B2aD

Endemism: Endemic

Distribution: Mbabane, Forbes Reef, Black Umbeluzi Valley

Has a very localised distribution around Mbabane. Wetland species.

EUPHORBIACEAE

Euphorbia keithii R.A.Dyer

Status: CR B1B2ceC2a

Endemism: Near-endemic

Threats: Agriculture, urban expansion, habitat degradation, forestry exploitation, harvesting, alien plant infestation

Distribution: Stegi, Usuthu Gorge (?), Sitsatsaweni (northeast of Siteki), Oribi Ranch, Mlawula
Species protected under CITES. Habitat specific, habitat decline. Species prefers hot, dry, exposed areas. Restricted to the Lebombo Mountains.

Heywoodia lucens Sim

Status: EN B1B2cC2aD

Distribution: Jilobi, Siteki

Recorded in Swaziland by Kemp and Miller.

GESNERIACEAE

Streptocarpus confusus Hilliard subsp. *confusus* var. *confusus*

Status: EN A1cB1B2bc

Endemism: Near-endemic

Threats: Grazing

Distribution: Hlatikulu

Restricted global distribution. Cattle is a threat.

Streptocarpus daviesii N.E.Br. ex C.B.Clarke

Status: EN B1B2b

Endemism: Near-endemic

Threats: Urban expansion, habitat degradation

Distribution: Mbabane hills

Restricted global distribution. Known only from a single locality in Swaziland.

Streptocarpus davyi S.Moore

Status: VU B1B2bD2

Endemism: Endemic

Threats: Urban expansion, habitat degradation

Distribution: 40 km around Mbabane (hills), near Mankaiana, Forbes Reef, Makhosini Hills, Makhaya
On peaty soil on granite outcrops and is fragmented. Known from a number of localities but it is not widespread. Habitat specific in shade and soil. It is uncommon.

Streptocarpus wilmsii Engl.

Status: VU B1B2c

Endemism: Near-endemic

Threats: Urban expansion

Distribution: Devils Bridge, Kings Forest, Mbabane, Hilltop, Ukuthula

HYACINTHACEAE

Bowiea volubilis Harv. ex Hook.f.

Status: EN A1d

Threats: Collection

Being severely depleted in Swaziland. Many extinct localities. Used for treating fractures (medicinal). Very common on market places. Known from outside Swaziland. Also heavily utilised in South Africa.

IRIDACEAE

Dierama elatum N.E.Br.

Status: EX

Known only from the type collection of 1910 (Stewart 10 K & SAM). Material inadequate, and it may possibly be a hybrid or an albino form (taxonomy uncertain).

Gladiolus brachyphyllus F.Bolus

Status: VU A2c

Threats: Urban expansion

Distribution: Umbeluzi and Umlola Reserves, Mlawula
Several subpopulations found in the Kruger National Park (South Africa); recorded from Limpopo Province and Mpumalanga (South Africa). Only single plants have been found in Swaziland. Very seldomly seen.

LAMIACEAE

Hemizygia stalmsanii Paton

Status: VU D2

Endemism: Near-endemic

Threats: Afforestation

Distribution: Luhumannei School
Recently described species known only from Songimvelo (South Africa) and Swaziland (Malalotja). Occurs on Barberton Belt and known from different soil types, including serpentine soils. Few localities are known and it has a restricted global distribution.

Syncolostemon comptonii Codd

Status: CR A1cB1B2a

Endemism: Endemic

Threats: Damming

Distribution: Malolotja, Maguga

Threatened by construction of a new dam at Maguga. The species is known from only a single locality.

MORACEAE

Ficus polita Vahl subsp. *polita*

Status: VU D2

Distribution: Mlawula (Umbeluzi Gorge, Mahlabashane), Jilobi

Ficus sansibarica Warb.

Status: CR B1B2cC2a

Distribution: Sihoya

ORCHIDACEAE

Cheirostylis gymnochiloides (Ridl.) Rchb.f.

Status: CR B1B2cC2b

Threats: Mining

Distribution: Bomvu Ridge (Ngwenya Mountain—Malolotja)

Appears to be extremely rare everywhere. There is apparently only a single collection from Swaziland. Also known from dune forest in South Africa, and as far afield as Tanzania and Madagascar. Flowers from August to September. Iron ore mining is a threat in Swaziland.

Disa intermedia H.P.Linder

Status: EN B1B2cC2a

Endemism: Endemic

Threats: Habitat degradation

Distribution: Forbes Reef, near Mbabane, Malolotja, near Oshoek

Grows at an altitude of 1,000 m. Was considered to be common at one time, but due to continued habitat destruction, it is rapidly declining. Flowers in January. Found in highveld grassland.

Eulophia chlorantha Schltr.

Status: EN B1B2cC2a

Endemism: Near-endemic

Distribution: Mbabane, Waverley Mine, Fonteyn
Restricted distribution.

PROTEACEAE

Protea comptonii Beard

Status: EN B1B2cD

Endemism: Near-endemic?

Distribution: Bulembu, Malolotja

One outlying subpopulation in KwaZulu-Natal (South Africa), although more common in northern and northeastern parts of South Africa.

Protea parvula Beard

Status: VU B1B2cC2a

Distribution: Timbuti Farm, Hawane, Malolotja
Common in the former Transvaal of South Africa.

ROSACEAE

Prunus africana (Hook.f.) Kalkman

Status: EN C2aD

Distribution: Near Malolotja (Forbes Reef), near and in Mbabane

Also known from South Africa (KwaZulu-Natal) and further afield. Is widely utilised for its medicinal purposes.

RUBIACEAE

Gardenia thunbergia L.f.

Status: CR C2b

Threats: Deforestation

Distribution: Jilobi Forest (Lebombo)

This species is very well represented outside Swaziland, common in coastal areas from as far afield as the Eastern Cape in South Africa. Only a few individuals seen. Known from a small subpopulation.

Oxyanthus pyriformis (Hochst.) Skeels subsp. *pyriformis*

Oxyanthus natalensis Sond.

Status: EN B1B2cD

Endemism: Near-endemic

Distribution: Jilobi (Lebombo), Carmichael's Farm

The species is at the end of its distribution range in Swaziland, better known from KwaZulu-Natal (South Africa). The two known localities in Swaziland are quite a distance apart. Dune forest.

SAPINDACEAE

Allophylus chaunostachys Gilg

Status: **VU B1B2c**

Endemism: Near-endemic

Threats: Urban expansion

Distribution: Makwongwa

Found at altitude 1,730 m. Reported to be common. Human impact near border post is a threat.

SAPOTACEAE

Vitellariopsis dispar (N.E.Br.) Aubrév.

Status: **EN B1B2cD**

Endemism: Near-endemic

Distribution: Mlawula, Siteki

Restricted. Only one locality outside Swaziland. Moist forest.

SCROPHULARIACEAE

Melanospermum italae Hilliard

Status: **EN B1B2cC2a**

Endemism: Near-endemic

Distribution: Malolotja (Ngwenya Hills), Motjane

On sandy places around rock sheets. In South Africa, it is known from the Piet Retief area and Itala.

Melanospermum swazicum Hilliard

Status: **EN B1B2aC2a**

Endemism: Near-endemic

Threats: Fire, grazing, habitat degradation

Distribution: Mbabane, Malolotja, possibly Ngome, Siphocosini

Grows on hills. Subpopulation at Ngome may be a different species. Only one locality known outside Swaziland.

Selago swaziensis Rolfe

Status: **EN B1B2aC2a**

Endemism: Near-endemic

Threats: Urban expansion, fire

Distribution: Hills near Dalriach (Mbabane), Usuthu Forest, Miller's Falls, Makhosini Hills, Ukuthula

Known only from a single, highly threatened locality.

ULMACEAE

Celtis gomphophylla Baker

Status: **EN D B1 B2c C2a**

Distribution: Jilobi, Carmichael's Farm, Muti Muti
More common than *Celtis mildbraedii*. Only in South Africa according to PRECIS.

Celtis mildbraedii Engl.

Status: **CR B1B2cC2a**

Distribution: Mlawula, Jilobi (east of Siteki), Forbes Reef

Very rare in South Africa's KwaZulu-Natal and elsewhere. Known from a few small forest patches in Swaziland.

VELLOZIACEAE

Xerophyta villosa (Baker) L.B.Sm. & Ayensu

Status: **VU D2**

Distribution: Luhumannei School (Malolotja)

Found on serpentine soils in Swaziland.

ZAMIACEAE

Encephalartos aplanatus Vorster

Status: **EN A1acdB2abcde**

Distribution: Mlawula, Goba road just north of Siteki, South of Siteki toward the farm Muti-Muti, previously on Muti-Muti

This species is also known from Mozambique. This species was described from a subpopulation of about six individuals near the Swaziland-South Africa border.

Subsequently, several subpopulations have been discovered. Threatened by illegal collectors.

Encephalartos heenanii R.A.Dyer

Status: **CR A1acdC2a**

Threats: Collection

Distribution: Ngwenya Ridge, Malolotja

In 1985, 100 plants were counted. In 1999, only 20 plants could be located. These plants are known from a locality where no recruitment seems to be taking place. A few years ago, this species was also found in a protected area in Swaziland but in very small numbers. Also known from South Africa. Threatened by illegal collectors.

Encephalartos laevifolius Stapf & Burtt Davy

Status: **CR A2deB2bd**

Threats: Pest/disease

Distribution: Malolotja

In Swaziland, the effects of a pathogen are evident. Threatened by illegal collectors.

Encephalartos lebomboensis I.Verd.

Status: **EN A1acdeA2deB1B2abcde**

Threats: Harvesting, collection

Distribution: Mangana, Mbusini, Malto Alto, Lebombo, Stataweni, Mangana

All the localities mentioned are primarily relicts. Subpopulations suffered a measurable decline. In 1981, the subpopulation was observed to be abundant. Almost 20 years later, there has been a 25% decline. Threatened by illegal collectors.

Encephalartos ngoyanus I.Verd.

Status: **CR C2ad**

In Swaziland, it is known from a single locality as the distribution literally tips into Swaziland. The locality is not threatened, and no people live in that area. May become threatened by illegal collectors.

Encephalartos paucidentatus Stapf & Burtt Davy

Status: **VU A1cdC2aD2**

Distribution: Makonwya, Malolotja

Found in a protected area. The species is found along the Swaziland-South African border. Also known from South Africa where it is threatened. Threatened by illegal collectors.

Encephalartos relictus Hurter

Status: **EXW**

Endemism: Endemic

Distribution: Malto Alto (10 km west), Muti-Muti farm
It is now known only in cultivation.

Encephalartos senticosus Vorster

Status: **VU C2aD2**

Distribution: Lebombo, Usuthu, Bvane catchment
Extremely inaccessible habitat. The species is found along the Lebombo border. Threatened by illegal collectors.

Encephalartos umbeluziensis R.A.Dyer

Status: **CR A1acdA2cB1B2abcde**

Threats: Collection

Distribution: Umbeluzi Gorge of Mlawula

Occurs in the shade of *Androstachys johnsonii* forest. This species used to be extremely common, but this has changed. The species has suffered massive decline in the last 10 years, estimated at more than 80%. It is found in an extremely accessible area. Threatened by illegal collectors.

ZINGIBERACEAE

Siphonochilus aethiopicus (Schweinf.) B.L.Burtt

Kaempferia aethiopica (Schweinf.) Benth.; *Kaempferia natalensis* (J.M.Wood & Franks) Schltr. & K.Schum.

Status: **EN A1d**

Threats: Collection

Distribution: Malolotja, Balegane, Komati Valley, Pigg's Peak

Generally heavily utilised everywhere. Was on the previous Swaziland RDL as Rare. The Malalotja subpopulation is well-known and utilised by local herbalists, even though it is located within a protected area. There are unconfirmed reports that several subpopulations are protected from over-utilisation through traditional laws, but this cannot be confirmed. Well-represented outside Swaziland.



Siphonochilus aethiopicus, also occurring in South Africa and Mozambique, is a well known species that is heavily utilised in Swaziland. (Photo: NBI)

LOWER RISK

ACANTHACEAE

Thunbergia pondoensis Lindau
Status: LR-lc
Distribution: Mlawula, Komati Bridge

ALOACEAE

Aloe cooperi Baker subsp. *pulchra* Glen & D.S.Hardy
Status: LR-lc
Threats: Grazing, alien plant infestation, harvesting
Distribution: Lebombo, Nkambeni, Sishaweni Forest Company
Taxonomically unique and this nomenclature is used in Swaziland. Known from the Lebombo where it is rare. It is widespread. Eaten by people.

Aloe rupestris Baker
Status: LR-lc
Distribution: Umbeluzi Gorge, Mnyame, Libertas, Lebombo
Was listed previously as Rare for Swaziland.

Aloe vanbalenii Pillans
Status: LR-lc
Distribution: Mlawula, lower East side of Umbeluzi river, Lebombo
In river valleys. Uncommon. Was listed as Rare for Swaziland in previous RDLs. Only in the northern Lebombo Mountains.

AMARYLLIDACEAE

Clivia miniata (Lindl.) Regel var. *miniata*
Status: LR-nt
Distribution: Lebombo, Piggs Peak area
Forest species. Well-known from South Africa. Is being removed from the wild.

Crinum delagoense I.Verd.
Status: LR-lc
Threats: Agriculture
Distribution: Mlawula, Hlane (Simunye)
One subpopulation known. Only in South Africa, according to PRECIS. Sugar cultivation is a threat.

Cyrtanthus bicolor R.A.Dyer
Status: LR-lc
Threats: Collection
Distribution: Malolotja, Umbeluzi Valley, Mbabane (Umbeluzi Valley), Forbes Reef, Komati River Valley
Was on the previous Swaziland RDL as Rare. Found in grassland. Eaten as a vegetable.

Nerine angustifolia (Baker) Baker
Status: LR-lc
Distribution: Ngwenya Mts, Forbes Reef Road, Malolotja
Recorded in Swaziland by Compton and Braun.

ANACARDIACEAE

Rhus grandidens Harv. ex Engl.
Status: LR-lc
Distribution: Komati Valley, Ngomini, Mayami, Mankayane, 25 km North of Tulwane site
On forest margins. Although widespread, it is never plentiful.

ANNONACEAE

Uvaria lucida Benth. subsp. *virens* (N.E.Br.) Verdc.

Status: LR-lc
Distribution: Lebombo, Mlawula

Xylopia odoratissima Welw. ex Oliv.
Status: LR-lc
Distribution: Umbelzi Gorge, Mhlumeni Border

ANTHERICACEAE

Chlorophytum haygarthii J.M.Wood & M.S.Evans
Status: LR-lc
Distribution: Forbes Reef Road, Malolotja
At least two records from Swaziland by Compton and Heath. Common in Mpumalanga and KwaZulu-Natal (South Africa).

APIACEAE

Alepidea parva Compton
Status: LR-lc
Threats: Collection, mining
Distribution: Ngwenya Mountains near Mbabane, Malolotja
Reported to be threatened outside Swaziland. Used for its medicinal properties.

APOCYNACEAE

Gonioma kamassi E.Mey.
Status: LR-nt
Distribution: Mbabane, Msunduzu, Foot of Lubor
In forest. Common in the eastern and southern Cape forests of South Africa. Probably not used and therefore maybe not threatened. Single trees. Unusual distribution, not common in Swaziland. Frequently burnt. Very disjunct.

ARALIACEAE

Cussonia nicholsonii Strey
Status: LR-lc
Distribution: Mlawula (S), Siteki
Two records, one in a protected area. Known collections in Swaziland by Culverwell and Kemp.

ASCLEPIADACEAE

Orbea paradoxa (I.Verd.) L.C.Leach
Orbeanthus paradoxa (I.Verd.) L.C.Leach
Status: LR-nt
Threats: Mining
Distribution: Ngwenya
Listed as Endangered in South Africa's former Transvaal in previous RDLs.

Pachycarpus galpinii (Schltr.) N.E.Br.
Status: LR-lc
Threats: Agriculture, grazing
Distribution: Barberton Mountains, Mbabane, Usuthu, Forbes Reef, Maphalaleni
This is essentially a highveld species. Cattle is a serious threat.

Pachycymbium ubomboense (I.Verd.) M.G.Gilbert
Caralluma ubomboensis I.Verd.
Status: LR-lc
Endemism: Endemic?
Distribution: Lebombo
Was listed previously as Rare for Swaziland. Is common in the Lebombo Mountains.

ASPHODELACEAE

Bulbine inflata Oberm.
Status: LR-lc
Distribution: Manzini, Mbabane, Usuthu, Malolotja, Bulembu

Gasteria batesiana G.D.Rowley
Status: LR-nt
Threats: Collection
Distribution: Umbeluzi Gorge, Mnyami
On cliffs. Four small disjunct subpopulations in Swaziland. Collected for medicinal and horticultural purposes.

Haworthia limifolia Marloth var. *ubomboensis* (I.Verd.) G.G.Sm.
Status: LR-nt
Endemism: Near-endemic
Threats: Collection
Distribution: Siteki, Umbeluzi Gorge, Mnyame
In forests. Limited in distribution. Not uncommon. Known from two subpopulations in Swaziland, but restricted to the Lebombo. Known only from Ironwood forests. Collected for medicinal and horticultural purposes. Also reported from the Lebombo in South Africa and Mozambique.

ASTERACEAE

Eumorphia swaziensis Compton
Status: LR-nt
Endemism: Endemic?
Threats: Urban expansion
Distribution: Mbabane District, Black Umbeluzi Valley
Very restricted and suggested that it could be threatened. Several hundred individuals. On the edge of an urban/semi-urban environment. Should be monitored. Possibly also occurs in South Africa.

Newtonia hildebrandtii (Vatke) Torre
Status: LR-lc
Distribution: Mlawula, Manzimnyama (Nyame), Umbeluzi Gorge, Black Mbeluzi River
Recorded in Swaziland by Culverwell.

Senecio mlilwanensis Compton
Status: LR-nt
Endemism: Endemic
Distribution: Mbeluzi Valley, Millers Falls, Mbabane and Mlilwane, Mantenga?
Rocky outcrops. In Swaziland, mostly prevalent on private land. Also found at Mantenga where it is partially protected.

BEGONIACEAE

Begonia sonderana Irmsch.
Status: LR-lc

CAPPARACEAE

Cleome macrophylla (Klotzsch) Briq. var. *macrophylla*
Status: LR-lc
Distribution: Mlawula (Lebombo), Mbeluzi Gorge

COMMELINACEAE

Aneilema dregeanum Kunth
Status: LR-lc
Distribution: Ingwavuma Poort, Mtindekwa, Mlawula
Three localities identified in Swaziland from collections

by Compton and Braun. Also known from South Africa, and reported also to occur in Zimbabwe.

CRASSULACEAE

Cotyledon orbiculata L. var. oblonga (Haw.) DC.

Status: LR-1c

Distribution: Mlawula

A widespread and common species (well represented outside Swaziland). The Swaziland specimen may be a misidentification (taxonomic problem). If this is a good identification, then the species has a very restricted distribution.

Crassula acinaciformis Schinz

Status: LR-1c

Distribution: Ukuthula, Hlatikhulu, Komati Bridge, Mlawula, Maguga, Siteki, Umbeluzi Gorge
One protected locality.

Crassula orbicularis L.

Status: LR-1c

Only one record for Swaziland by Kemp.

CYATHEACEAE

Cyathea capensis (L.f.) Sm.

Status: LR-1c

Limited habitat. Very well represented outside Swaziland.

DIPSACACEAE

Cephalaria petiolata Compton

Cephalaria pungens Szabo

Status: LR-1c

Distribution: Malolotja, Forbes Reef Road
One of the four records in a protected area. The synonym is not used in Swaziland. It is common outside Swaziland.

EBENACEAE

Diospyros galpinii (Hiern) De Winter

Status: LR-1c

Distribution: Mankayane, Maphalaleni, Miller, Mantenga
Highveld grassland species.

ERICACEAE

Erica cerinthoides L. var. barbertona (Galpin)

Bolus

Status: LR-1c

Distribution: Malolotja, Waverley Mine, mHangamphepha Valley, Piggs Peak
Two records in Malolotja by Compton and Braun.

Erica oatesii Rolfe var. latifolia Bolus

Status: LR-1nt

Endemism: Near-endemic?
Distribution: Usuthu, on the road to Hlatikhulu
Limited distribution. Said to be rare. Possibly a taxonomic problem.

EUPHORBIACEAE

Croton madandensis S.Moore

Status: LR-1c

Distribution: Mlawula, Lebombo Mountains
Shrub or tree.

Drypetes mossambicensis Hutch.

Status: LR-1c

Distribution: Umbeluzi Gorge (Mlawula)
Known only from a southern locality in Swaziland which is relatively safe. Known to occur outside Swaziland, where it is common.

Euphorbia clavigera N.E.Br.

Status: LR-1c

Endemism: Endemic?

Threats: Grazing

Distribution: Manzini area, Siteki, Siphofaneni, Manzini

Wild-collected plants are known from cultivation. Easy to grow from seed, attractive species. Restricted distribution.

Euphorbia grandicornis Goebel ex N.E.Br. subsp. grandicornis

Status: LR-1c

Distribution: Chindene, Big Bend

Very common where it occurs. Also in Ndumo, South Africa.

Margaritaria discoidea (Baill.) G.L.Webster

Status: LR-1c

Distribution: Mlawula

Observed in the wild several times.

FLACOURTIACEAE

Scolopia oreophila (Sleumer) Killick

Status: LR-1c

Threats: Agriculture, deforestation, afforestation

Distribution: Manzini, Shiselweni, on Mkondo River

In Swaziland, its main centre is on the Mkondo River.

Its habitat appears to be stable. The threats are not resulting in any real declines. In future lack of suitable habitat may play a role. Subsistence farming is a threat.

GESNERIACEAE

Streptocarpus confusus Hilliard subsp.

lebomboensis Hilliard & B.L.Burt

Status: LR-1c

Endemism: Near-endemic

Distribution: Mlawula, Mnyame, Jilobi

Scattered in moist forest of the Lebombo.

Streptocarpus dunnii Hook.f.

Status: LR-1c

Distribution: Mbabane, Forbes Reef, Motjane,

Gobolondo, Piggs Peak, Malolotja

Narrow distribution. Mainly known from the Barberton area in South Africa. Habitat specific on granite.

Streptocarpus micranthus C.B.Clarke

Status: LR-1c

Threats: Grazing, mining

Distribution: Kings Forest, Devils Bridge

Restricted distribution. The species occurs in a protected area in Swaziland. However, it does not appear in PRECIS.

HETEROPYXIDACEAE

Heteropyxis canescens Oliv.

Status: LR-1c

Distribution: Malolotja, Mbabane, Black Umbeluzi

Valley, Palwane Valley

Was considered previously to be Rare in Swaziland.

Common in Malolotja.

HYACINTHACEAE

Drimiopsis maculata Lindl.

Status: LR-1c

Distribution: Mlawula, Red Tiger Ranch

Scilla natalensis Planch.

Status: LR-1nt

Threats: Collection

Distribution: Malolotja, Usuthu, Mbabane

Widespread. Suggested to be classified as Vulnerable. Widely used and still abundant. In remote places it is frequent. Collected for medicinal purposes.

IRIDACEAE

Dierama mobile Hilliard

Status: LR-1nt

Threats: Habitat degradation

Distribution: Oshoek, 15 km North of Forbes Reef, Komati River, Malandzela
Found in Swaziland and South Africa. Fairly widespread. Wetland species.

Dietes flavida Oberm.

Status: LR-1c

Distribution: Malolotja and Mlawula Reserves, Lebombo

Has a disjunct distribution and scarce everywhere.

Watsonia bella N.E.Br. ex Goldblatt

Status: LR-1c

Threats: Grazing, fire

Distribution: Malolotja, Hlatikhulu, Forbes Reef, Mbabane, 5 km NE of Motjane, Malalotja

In Swaziland, grazing by cattle is a threat. Common in South Africa.

LAMIACEAE

Acrotome thorncroftii Skan

Status: LR-1c

Distribution: Mlawula, Lomahasha, Tulwana, Blue Jay Ranch

Previously listed as Rare. Known from about five herbarium collections in Swaziland.

Hemizygia albiflora (N.E.Br.) M.Ashby

Status: LR-1c

Distribution: Ngwenya Mountains

Known from collections in Swaziland by Compton and Dlamini.

Hemizygia modesta Codd

Status: LR-1c

Distribution: Bomvu Ridge, Havelock, Gege, Forbes Reef

Recorded in Swaziland by Compton.

Orthosiphon vernalis Codd

Status: LR-1nt

Endemism: Endemic

Distribution: Manzini, Mankaiana, Bhunya area, Evelyn Biring Bridge

Syncolostemon concinnus N.E.Br.

Status: LR-1c

Distribution: Malolotja, Mankayane, Hlatikhulu

Thorncroftia longiflora N.E.Br.

Status: LR-1c

Endemism: Near-endemic

Distribution: Malolotja

Common in Malolotja.

Tinnea barbata Vollesen

Status: LR-1c

Distribution: Wyldesdale, Malolotja

Recorded in Swaziland by Compton, Heath and Braun.

Tinnea galpinii Briq.

Status: LR-1c

Distribution: Hlatikhulu, Mlawula, Siteki, Cecil Marks Pass

Recorded in Swaziland by Compton and Culverwell.

LEGUMINOSAE: PAPILIONOIDEAE

Cordyla africana Lour.

Status: LR-1c

Very rare and marginal in Swaziland, often occurring as single plants. It is a widespread tropical plant. Wild Mango.

Eriosema ellipticifolium Schinz

Status: LR-1c

Distribution: Malolotja, Malandzela, Mbabane
One record in Swaziland by Heath.

Eriosema transvaalense C.H.Stirt.

Status: LR-nt

Threats: Damming
Distribution: Malolotja, Maguga
Has a globally restricted distribution.

Tephrosia cordata Hutch. & Burt Davy

Status: LR-1c

Distribution: Malolotja, Havelock, Mbabane

Tephrosia gobensis Brummitt

Status: LR-1c

Endemism: Endemic ?
Distribution: Mlawula, Siteki

Tephrosia grandiflora (Aiton) Pers.

Status: LR-1c

Distribution: Blue Jay Ranch (Mlawula), Mananga Mount, Siteki
Recorded in Swaziland by Compton.

Tephrosia kraussiana Meisn.

Status: LR-1c

Distribution: Mlawula
Known from collections in Swaziland by Culverwell.

LOBELIACEAE

Cyphia bolusii E.Phillips

Status: LR-1c

Distribution: Mbabane (3 pops), Dalrich, Mbabane, Emlembe, Malkerns
On serpentine soils.

Lobelia corniculata Thulin

Status: LR-1c

Distribution: Lebombo, Siteki, Mlawula
Was listed as Indeterminate/Uncertain in previous RDLs.
Known from very few herbarium collections.

LYTHRACEAE

Nesaea alata Immelman

Status: LR-1c

Distribution: Mlawula
In or near shallow pans. Only recorded twice, once from Kruger National Park (South Africa) and once in the Lebombo Mountains.

MORACEAE

Ficus bubu Warb.

Status: LR-1c

Distribution: Mlawula, Manzinyama, Umbeluzi Poort, Siteki, Sihaya
In Androstachys forests in Mlawula.

OLEACEAE

Chionanthus foveolatus (E.Mey.) Stearn subsp. foveolatus

Status: LR-1c

Distribution: Mlawula, Jilobi, Umbeluzi Gorge
Known from only a single protected locality in Swaziland.

ORCHIDACEAE

Disa extintoria Rchb.f.

Status: LR-nt

Distribution: Unspecified locality in Swaziland
Rare, occurs in damp grassland and swamps at an altitude of 1,000–1,300 m. Flowers from December to

January. Also known from the former Transvaal in South Africa. Its status in previous RDLs is Indeterminate.

Disa stachyoides Rchb.f.

Monadenia leydenburgensis Kraenzl.

Status: LR-1c

Distribution: Mlembe, Malolotja
Widespread in many parts of South Africa. Also reported in Lesotho.

Polystachya albescens Ridl. subsp. imbricata (Rolfe) Summerh.

Status: LR-nt

Threats: Afforestation, grazing
Distribution: Gobhoho
Recently found in southern KwaZulu-Natal forests of South Africa. A sewerage plant in Swaziland may pose a threat.

Polystachya zuluensis L.Bolus

Status: LR-nt

Endemism: Near-endemic
Distribution: Usuthu Forest, Mzimba Mnts., Mbabane North
In rocky highveld areas, abundant, on Xerophyta. Locally common.

Schizochilus cecilii Rolfe subsp. culveri (Schltr.)

H.P.Linder

Status: LR-nt

Endemism: Near-endemic
Distribution: NW Swaziland, Malolotja
Confined to the mountains between Barberton (South Africa) and northwestern Swaziland. Flowers from December to January.

POACEAE

Aristida transvaalensis Henrard

Status: LR-1c

Distribution: Malolotja, Malandzela, Miomba, Forbes Reef
Three records in a protected area by Braun. Widespread in South Africa.

Ehrharta erecta Lam. var. erecta

Status: LR-1c

Distribution: Malolotja
Taxonomy needs attention.

Eragrostis comptonii De Winter

Status: LR-1c

Endemism: Endemic
Distribution: Mbabane area, Malolotja
Occurs in shady places at foot of rocks or forest margins. Very similar to *Eragrostis curvula*.

POLYGALACEAE

Heterosamara galpinii (Hook.f.) Paiva

Polygala galpinii Hook.f.

Status: LR-1c

Distribution: Devils Bridge, Kings Forest (Bulembu)
In South Africa, it has been categorised as Rare and even Endangered in previous RDLs. Occurs in unprotected small localities.

PROTEACEAE

Leucospermum gerrardii Stapf

Status: LR-1c

Distribution: Malolotja (and surroundings)
Fairly common in Mpumalanga (South Africa). Locally common, but restricted distribution. Subpopulation stable. Can survive fires. Habitat specific, soapstone.

PSILOTACEAE

Psilotum nudum (L.) P.Beauv.

Status: LR-1c

Distribution: Umbeluzi Gorge, Malolotja, Mlawula
A cosmopolitan species, but seldom common anywhere. Widespread in Africa, Madagascar, Mauritius, Australia, Polynesia, Spain, the Americas and so forth.

RUBIACEAE

Pavetta barbertonensis Bremek.

Status: LR-1c

Distribution: Siteki, Kings Forest, Lebombo Mnts., Palata, Mlawula
Was on the previous Swaziland RDL as Rare.

SAPOTACEAE

Manilkara concolor (Harv. ex C.H.Wright)

Gerstner

Status: LR-1c

Distribution: Bulunga Poort, Mlawula, Siteki, Umbeluzi, Timbutini, Manzini
Recorded in Swaziland by Compton, Culverwell and Kemp.

Manilkara discolor (Sond.) J.H.Hemsl.

Status: LR-1c

Distribution: Mlawula, Carmichael's, Mzimpofu River
Only in South Africa according to PRECIS, but observed by several people in the wild in Swaziland.



Mondia whitei, also known from South Africa and Mozambique, is used for medicinal purposes. (Photo: A. Nicholas)

DATA DEFICIENT

ACANTHACEAE

Barleria oxyphylla Lindau

Status: DD

Endemism: Near-endemic?

Threats: Agriculture

Distribution: Tshaneni (Lowveld)

Known only from type collection (1970s) in Komatipoort (South Africa). However, unconfirmed reports that it occurs in Swaziland, as well as Mozambique. Restricted distribution range.

Peristrophe transvaalensis (C.B.Clarke) K.Balkwill

Status: DD

Distribution: Ingwavuma Poort, Hlane Game Reserve

Salpinctium hirsutum T.J.Edwards

Status: DD

Threats: Agriculture, urban expansion

Distribution: Siteki, Hlatikulu, Malandze Road to Maphalaleni

Very little is known about this recently described species.

ALOACEAE

Aloe chortolirioides A.Berger var. **woolliana** (Pole-Evans) Glen & D.S.Hardy

Status: DD

Distribution: Malalotja, Forbes Reef, Mbabane, the Umbeluzi (near Waterford), Hawane Waterfall
The yellow form is found across the border in South Africa. The yellow form is more widely distributed than the red form. Generally known from Limpopo Province and Mpumalanga in South Africa.

Aloe cooperi Baker subsp. **cooperi**

Status: DD

Distribution: Malalotja Valley, Ezulwini, Stegi, 20 km North of Piggs Peak

Found in Malalotja Valley in the mid-veld. Taxonomic problem makes this species difficult to assess. Very common and widespread in South Africa.

Aloe dominella Reynolds

Status: DD

Distribution: Ingwavuma (Southern part)

Was listed as Indeterminate for Swaziland in a previous RDL. No further information available but thought prudent to include it here.

Aloe greathedii Schonland var. **davyana** (Schonland) Glen & D.S.Hardy

Aloe graciliflora Groenew.; *Aloe barbertoniae* Pole Evans

Status: DD

Some of the above taxa were previously considered to be threatened in the former Transvaal (South Africa). Extremely common and widespread in South Africa.

Aloe integra Reynolds

Status: DD

Threats: Afforestation

Distribution: Malalotja, Usuthu Forests, 3 km east of Mankanyane

Was previously thought to be Rare in Swaziland. Usuthu Forest subpopulation is healthy with well over 500 individuals. Is a forestry conservation site. Identified as area worthy of protection.

AMARYLLIDACEAE

Clivia caulescens R.A.Dyer

Status: DD

Threats: Collection

Distribution: Devils Bridge

Two records for it in Swaziland. Collected for horticultural purposes.

Clivia miniata (Lindl.) Regel var. **citrina** Watson

Clivia miniata (Lindl.) Regel var. *flava* E.Phillips

Status: DD

Endemism: Near-endemic?

Clivia nobilis Lindl.

Status: DD

No herbarium specimen for Swaziland, but has been observed there.

ANACARDIACEAE

Lannea schweinfurthii (Engl.) Engl. var.

stuhlmannii (Engl.) Kokwaro

Status: DD

Likely to be extinct in Swaziland.

Rhus rogersii Schonland

Status: DD

Known from Lydenburg to between Nelspruit and Barberton (South Africa).

ANNONACEAE

Xylopia parviflora (A.Rich.) Benth.

Status: DD

Threats: Collection

Collected for medicinal properties.

ANTHERICACEAE

Chlorophytum acutum (C.H.Wright) Nordal

Status: DD

Single record by Compton. PRECIS does not have it recorded for Swaziland.

Chlorophytum saundersiae (Baker) Nordal

Status: DD

Distribution: Lebombo Mountains
In Swaziland, known mainly from records by Compton. Common in Eastern Cape and KwaZulu-Natal (South Africa).

ARALIACEAE

Cussonia zuluensis Strey

Status: DD

Distribution: Bulunga Poort, Sipophaneni, Sidvokodvo
One record in Swaziland by Compton.

ASCLEPIADACEAE

Asclepias crassinervis N.E.Br.

Status: DD

Distribution: Mbabane, Usuthu Forest, Komati Pass, Maphalaleni
Reported to occur in Swaziland.

Asclepias cultriformis Harv. ex Schltr.

Status: DD

Distribution: Usuthu, 14 km from Piggs Peak to Mbabane, unspecified locality in Mbabane
Widespread, although represented by only a few collections.

Brachystelma chlorozonum E.A.Bruce

Status: DD

Distribution: Ingwavuma

Was previously considered to be Rare in South Africa's former Transvaal, but new subpopulations have been found along the escarpment in Swaziland.

Brachystelma circinatum E.Mey.

Status: DD

Known from Codd 9515.

Brachystelma gemmeum R.A.Dyer

Status: DD

Taxonomy of the Swaziland specimens may possibly need attention. The species was previously reported to only occur in South Africa. Known only from a single record in Swaziland.

Brachystelma gerrardii Harv.

Status: DD

Distribution: Black Umbeluzi Valley, Nkomati Pass, Little Usuthu River, Sipocosini, Komati Pass
Recorded in Swaziland by Compton.

Ceropegia ampliata E.Mey.

Status: DD

Distribution: Ngwenya Causeway
Known from collections in Swaziland by Bayliss.

Ceropegia carnososa E.Mey.

Status: DD

Distribution: Komati Pass, Bunya
Known from collections in Swaziland by Kemp.

Ceropegia crassifolia Schltr.

Status: DD

Distribution: Dinedor
Known from collections in Swaziland by Culverwell and Wallis.

Ceropegia decidua E.A.Bruce subsp. **decidua**

Status: DD

Distribution: Sicusha, Mtindekwa River
One record for Swaziland by Compton.

Ceropegia fortuita R.A.Dyer

Status: DD

Distribution: Ngwenya Causeway
In 1976 one site according to Compton. Only occurs in South Africa according to PRECIS.

Ceropegia linearis E.Mey. subsp. **woodii** (Schltr.)

H.Huber

Status: DD

Distribution: Malagwane Hill, Siphofaneni, Mdimba
Recorded in Swaziland by Codd, Dlamini, Culverwell and Kemp.

Ceropegia nilotica Kotschy

Ceropegia plicata E.A.Bruce

Status: DD

Distribution: Ingwavuma Poort
Known mainly from old collections (Compton).

Ceropegia pachystelma Schltr.

Status: DD

Distribution: Sicusha
Known mainly from old collections (Bayliss).

Ceropegia racemosa N.E.Br. subsp. **setifera**

(Schltr.) H.Huber

Status: DD

Distribution: Mlawula, Maguga, Gollel, Komati Pass
One site protected, whereas the other is inundated. It is known from several collections such as those of Culverwell, Germishuizen, Dlamini and Hilliard.

Ceropegia rendallii N.E.Br.

Status: DD

Known from collections in Swaziland by Bayliss.

Ceropegia sandersonii Decne. ex Hook.f.

Status: DD

Distribution: Sicusha, Ngwenya Causeway, Dinedor, Mtindekwa River, Maloma
The species is well-collected by Compton.

Woodia singularis N.E.Br.

Status: DD

Endemism: Near-endemic

Reported as a Swaziland endemic, although there is an old record from a neighbouring locality in South Africa.

ASPHODELACEAE

Haworthia limifolia Marloth var. *limifolia*

Status: DD

Threats: Collection

Distribution: Lebombo (Siteki to Pongola)

Collected for medicinal purposes. Also in Mpumalanga and KwaZulu-Natal (South Africa).

Trachyandra asperata Kunth subsp. *swaziensis* Oberm.

Status: DD

Distribution: Ukuthula, Black Umbeluzi Falls, Mbabane
Recorded in Swaziland by Compton.

ASTERACEAE

Helichrysum argyrolepis MacOwan

Status: DD

Distribution: Malolotja, Ukuthula, Usuthu, Mbabane, Ngwenya Mountains, Devils Bridge

Recorded in Swaziland by Compton and Braun. Common in Mpumalanga and KwaZulu-Natal (South Africa).

Helichrysum athrixifolium (Kuntze)

Status: DD

Distribution: Malkerns, Mlawula, Hlatikulu, Hlane Game Reserve, Malandzela, possibly Maguga

Helichrysum aureolum Hilliard

Status: DD

Distribution: Forbes Reef, Hlambanyati Valley, Mbabane

One record in Swaziland by Dlamini. Several records for it in Mpumalanga and KwaZulu-Natal (South Africa).

Helichrysum aureum (Houtt.) Merr. var. *candidum* Hilliard

Status: DD

Distribution: Forbes Reef, Mbabane, Gobolo
Known from several varieties in Swaziland. *Helichrysum aureum* var. *aureum* was collected by Compton in the Lebombo. *H. aureum* var. *monocephalum* was collected by Braun in Malolotja. Swaziland seems to be an ecotone for varieties of this species.

Helichrysum chrysargyrum Moeser

Status: DD

Distribution: Black Mbeluzi Valley, Ukuthula, Mbabane, Ngoyoyo

Recorded in Swaziland by Compton. Several records for it in Mpumalanga and KwaZulu-Natal (South Africa).

Helichrysum dasyanthum (Willd.) Sweet

Status: DD

Only one herbarium record for it in Swaziland by Stewart. Generally known from the Cape in South Africa.

Helichrysum difficile Hilliard

Status: DD

Distribution: Forbes Reef

Known from collections in Swaziland by Compton. Common in Gauteng and Mpumalanga (South Africa).

Helichrysum galpinii N.E.Br.

Status: DD

Distribution: Waverly Mine, Ngwenya Mountains, Motjane, Mbabane, Bomvu Ridge

Recorded in Swaziland by Compton. Fairly common in Mpumalanga (South Africa).

Helichrysum mimetes S.Moore

Status: DD

Distribution: Ukuthula, Mbabane, Black Mbeluzi Falls, Havelock

Recorded in Swaziland by Compton. Known from several records in Mpumalanga (South Africa).

Helichrysum mixtum (Kuntze) Moeser var. *grandiceps* Hilliard

Status: DD

Distribution: Ngundwane River, Malandela, Bremmersdorp, Komati Bridge, Kobolando Mountain.
Recorded in Swaziland by Compton.

Helichrysum mutabile Hilliard

Status: DD

Distribution: Evelyn Baring Bridge, Komati Pass
Both records in Swaziland by Compton.

Helichrysum petraeum Hilliard

Status: DD

Distribution: Millers Falls, Palwane Hills
One record in Swaziland by Compton. Known from several records in KwaZulu-Natal (South Africa).

Helichrysum reflexum N.E.Br.

Status: DD

Distribution: Havelock Road, Bomvu Ridge
Record in Swaziland by Compton. Known from several records in Mpumalanga (South Africa).

Helichrysum tongense Hilliard

Status: DD

Distribution: Mpepo
Reported to be rare in South Africa. No information available for Swaziland.

Helichrysum transmontanum Hilliard

Status: DD

Distribution: Malolotja, Mhlambanyati Valley, Black Mbeluzi Valley, Emlembe
Recorded in Swaziland by Compton and Braun.

Helichrysum truncatum Burtt Davy

Status: DD

Distribution: Palwane Hills
Known from collections in Swaziland by Compton. Known from several records in Mpumalanga (South Africa).

Helichrysum wilmsii Moeser

Status: DD

Distribution: Black Mbeluzi Falls, Piggs Peak, Devils Bridge, Emlembe
Recorded in Swaziland by Compton.

Inula paniculata (Klatt) Burtt Davy

Status: DD

Plecostachys polifolia (Thunb.) Hilliard & B.L.Burtt

Status: DD

Distribution: Havelock
Known from collections in Swaziland by Miller.

Senecio mbuluzensis Compton

Status: DD

Distribution: 5 km West of Mhlosheni, Ukuthula, Mbabane, Black Umbeluzi Valley
Widespread. Possibly a near-endemic but information unavailable. Reported to be rare in South Africa. No information available for Swaziland.

Senecio medley-woodii Hutch.

Status: DD

Distribution: Lebombo Mountains (Jozini) to Umtamvuna River, Mlawula
Has succulent stems. Good horticultural potential. Reported to be fairly uncommon in South Africa. No information available for Swaziland.

Senecio umbellatus L.

Status: DD

Widespread in Swaziland. Generally known from the Cape flora in South Africa.

CELASTRACEAE

Allopassine laurifolia (Harv.) N.Robson

Status: DD

Distribution: Jilobi Forest, Mbeluzi Gorge -Shewula
Known from collections in Swaziland by Kemp.

COLCHICACEAE

Sandersonia aurantiaca Hook.

Status: DD

Threats: Collection

Distribution: Hlatikhulu

Rare everywhere and often removed and picked by flower collectors. Also known from as far afield as the Cape in South Africa.

COMMELINACEAE

Aneilema schlechteri K.Schum.

Status: DD

Endemism: Near-endemic

Distribution: Malinda, Grand Valley

Known from collections in Swaziland by Codd, from two localities.

CRASSULACEAE

Crassula alba Forssk. var. *pallida* Toelken

Status: DD

Endemism: Endemic?

Distribution: Bomvu Ridge, Mukusini Hills, Nyokane
Recorded from Swaziland by Compton and Dlamini.

Crassula alba Forssk. var. *parvisepala* (Schonland) Toelken

Status: DD

Distribution: Malolotja, Maguga, Ngenya Hills, Siteki, Bearded man Mountain.

Known mainly from three records, one in a protected area. Two are possibly in an inundated area.

Crassula compacta Schonland

Status: DD

Distribution: Bomvu Ridge

Known from collections by Compton and Forsyth-Thompson.

Kalanchoe alticola Compton

Status: DD

Distribution: Mukusini Hills

Kalanchoe luciae Raym.-Hamet subsp. *montana* (Compton) Toelken

Status: DD

Endemism: Near-endemic

Distribution: Devils Bridge, Mbabane, Hilltop

Recorded in Swaziland by Compton and Dlamini.

Kalanchoe sexangularis N.E.Br.

Kalanchoe rogersii Raym.-Hamet

Status: DD

Threats: Grazing

Distribution: Ingwavuma Poort (Lebombo)

Habitat specialist, but with a scattered distribution. Cattle grazing is a threat.

CYPERACEAE

Costularia natalensis C.B.Clarke

Tetralia natalensis (C.B.Clarke) Koyama

Status: DD

Threats: Afforestation

Distribution: Usuthu Forest, Dalriach, Ukuthula, Piggs Peak

Found in grassland and forest margins. In KwaZulu-Natal (South Africa), it is threatened by afforestation. The commonly used genus name is *Tetralia*. Common in

KwaZulu-Natal, Mpumalanga and Limpopo Province (South Africa).

Schoenoxiphium lehmannii (Nees) Steud.

Kobresia lehmannii (Nees) Koyama var. *lehmannii*

Status: DD

Threats: Urban expansion, collection

Distribution: Malolotja, Hilltop

The synonym was listed as threatened in previous RDLs. Hilltop site near an informal settlement where it is highly threatened. Used for basketry. Very common in South Africa.

DRYOPTERIDACEAE

Polystichum macleanae (Baker) Diels

Status: DD

Fairly common in South Africa's Mpumalanga and Limpopo Province.

Polystichum transkeiense Jacobsen

Status: DD

Distribution: Kings Forest

Known from collections in Swaziland by Burrows.

EBENACEAE

Euclea undulata Thunb.

Status: DD

Distribution: Simunye, Sicusha, Golela

Only one record for Swaziland by Rodin.

ERICACEAE

Erica revoluta (Bolus) L.E.Davidson

Erica austroverna Hilliard

Status: DD

No known herbarium specimens for Swaziland, but observed there in the wild.

EUPHORBIACEAE

Croton steenkampianus Gerstner

Status: DD

Distribution: Blue Jay Ranch (Mlawula)

One record in a protected area by Lycette. Known to be extremely common outside Swaziland.

Euphorbia knobellii Letty

Status: DD

Swaziland specimens should be checked and taxonomy needs attention.

Synadenium cupulare (Boiss.) L.C.Wheeler

Status: DD

Distribution: Mdhetshana farm

Recorded in Swaziland by Miller.

GENTIANACEAE

Sebaea erosa Schinz

Status: DD

Distribution: Mbabane

Known from collections in Swaziland by Compton.

GESNERIACEAE

Streptocarpus cyaneus S.Moore

Status: DD

Distribution: Millers Falls, Mmhlambanyati, Piggs Peak, Malkerns, Malolotja

Streptocarpus pentherianus Fritsch

Status: DD

Threats: Urban expansion

Distribution: Mbabane, Hawane Falls

Restricted distribution. Does not appear in PRECIS.

Streptocarpus polyanthus Hook. subsp. comptonii (Mansf.) Hilliard

Status: DD

HIPPOCRATEACEAE

Salacia gerrardii Harv.

Status: DD

Distribution: Jilobi, Muti-muti

Only in South Africa according to PRECIS.

HYACINTHACEAE

Drimiopsis maxima Baker

Status: DD

Distribution: Usuthu Mission

Ornithogalum capillare J.M.Wood & M.S.Evans

Status: DD

Known from many localities in South Africa. The distribution tips into Swaziland.

Ornithogalum monophyllum Baker

Status: DD

Distribution: Nduma, Mbabane (Fonteyn), Havelock

Recorded in Swaziland by Compton, Dlamini and Kemp.

Ornithogalum saundersiae Baker

Status: DD

Distribution: Marula Ridge, Mbabane, Cecil Mancks Pass

Recorded in Swaziland by Compton and Nicholson.

HYPOXIDACEAE

Hypoxis hemerocallidea Fisch. & C.A.Mey.

Status: DD

Very widely used. Still very widespread and abundant in the wild.

IRIDACEAE

Dierama adelphicum Hilliard

Status: DD

Distribution: Unspecified locality in Swaziland

Known from Limpopo Province and Mpumalanga (South Africa).

Dierama insigne N.E.Br.

Status: DD

Distribution: Oshoek

Common in South Africa.

Dierama medium N.E.Br.

Status: DD

Distribution: Usuthu, Waverley Mine

Common in South Africa.

Dierama mossii (N.E.Br.) Hilliard

Status: DD

Distribution: Forbes Reef

Known from several collections from Forbes Reef.

Common in South Africa.

Gladiolus ferrugineus Goldblatt & J.C.Manning

Gladiolus varius F.Bolus var. *micranthus* (Baker) Oberm.

Status: DD

Distribution: Forbes Reef, 4.5 km West of Piggs Peak

Common in South Africa.

Gladiolus hollandii L.Bolus

Status: DD

Previously listed as Rare for South Africa's former Transvaal and Swaziland. It is reported to be common in hills above Barberton in South Africa, as it is a highveld species. Common in South Africa.

Hesperantha umbricola Goldblatt

Status: DD

Endemism: Endemic?

Threats: Habitat degradation

Distribution: Mbabane hills

Apparently there are closely related specimens from southern KwaZulu-Natal (South Africa).

LAMIACEAE

Hemizygia petiolata M.Ashby

Status: DD

Distribution: Maguga, Sisa

Hemizygia pretoriae (Gürke) M.Ashby subsp. heterotricha Codd

Status: DD

Distribution: Hlatikhulu, Verdun, Kubuta, Gege

Recorded in Swaziland by Compton.

Hemizygia pretoriae (Gürke) M.Ashby subsp. pretoriae

Status: DD

Distribution: Ngotshane

Known from collections by Compton.

Hemizygia transvaalensis (Schltr.) M.Ashby

Status: DD

Distribution: Malolotja, Piggs Peak

One record for Swaziland requiring confirmation.

Plectranthus rubropunctatus Codd

Status: DD

Distribution: Mdzimba, Forbes Reef, Ermelo Rd., Piggs Peak, Mbabane

Plectranthus zuluensis T.Cooke

Status: DD

Endemism: Near-endemic

Distribution: Mdzimba, Umbeluzi

Recorded in Swaziland by Culverwell.

Stachys aethiopica L.

Status: DD

Distribution: Isiteki Beacon

Known mainly from old collections (Compton).

Stachys arachnoidea Codd

Status: DD

Distribution: Mbabane District, Malolotja, Piggs Peak, Forbes Reef

Stachys natalensis Hochst. var. galpinii (Briq.) Codd

Status: DD

Distribution: Malolotja, Havelock mine, Nduma, Ngwenya Mountain.

Stachys simplex Schltr.

Status: DD

Distribution: Malolotja, Mbabane

Stachys tubulosa MacOwan

Status: DD

Only in South Africa according to PRECIS. However, certain that it occurs in Swaziland, but never surveyed.

Thorncroftia thorncroftii (S.Moore) Codd

Status: DD

Endemism: Near-endemic

Distribution: Northwest of Piggs Peak (mountains)

Found at a neighbouring locality in South Africa.

LAURACEAE

Ocotea kenyensis (Chiov.) Robyns & R.Wilczek

Status: DD

Distribution: Kings Forest (Bulembu), Malolotja

LEGUMINOSAE: CAESALPINIOIDEAE

Chamaecrista capensis (Thunb.) E.Mey. var. *capensis*
Status: DD
Distribution: Hawane Falls
Known from collections by Compton and Stewart.

Chamaecrista capensis (Thunb.) E.Mey. var. *flavescens* (Thunb.) E.Mey.
Status: DD
Distribution: Stroma
Known from collections in Swaziland by Compton.

LEGUMINOSAE: PAPILIONOIDEAE

Tephrosia albissima H.M.L.Forbes subsp. *albissima*
Status: DD
Distribution: Mankayane
Known from collections in Swaziland by Compton.

Tephrosia brummittii Schrire
Status: DD
Endemism: Endemic?
Distribution: Black Umbeluzi Falls, Malandzela
Recorded in Swaziland by Compton and Germishuizen.

Tephrosia capensis (Jacq.) Pers. var. *capensis*
Status: DD
Known mainly from old collections (Mogg).

Tephrosia natalensis H.M.L.Forbes subsp. *natalensis*
Status: DD
Distribution: Evelyn Baring Bridge, Tshaneni, Mankaiana
Recorded in Swaziland by Compton.

Tephrosia retusa Burtt Davy
Status: DD
Only in South Africa according to PRECIS. However, certain that it occurs in Swaziland, but never surveyed.

LOBELIACEAE

Monopsis malvacea E.Wimm.
Lobelia coddii Compton
Status: DD
Endemism: Endemic
Distribution: Mbabane, Hlatikulu

LORANTHACEAE

Tapinanthus forbesii (Sprague) Wiens
Status: DD
Distribution: Tshaneni

Tapinanthus gracilis Toelken & Wiens
Status: DD
Distribution: Ingwavuma Poort
Known from collections in Swaziland by Compton and Dlamini.

Tapinanthus rubromarginatus (Engl.) Danser
Moeser
Status: DD
Distribution: Hlatikhulu, Mankaiana, Tshaneni
Three records by Compton, Dlamini and Karsten.

LYTHRACEAE

Nesaea sagittifolia (Sond.) Koehne var. *ericiformis* Koehne forma *swaziensis* Immelman
Status: DD
Basically known from four records by Compton and Karsten.

Nesaea zambatidis Immelman
Status: DD
Distribution: Mlawula
Known from collections in Swaziland by Culverwell.

MARSILEACEAE

Marsilea fenestrata Launert
Status: DD
Locally common in seasonally inundated pans.

MELIACEAE

Turraea floribunda Hochst.
Status: DD
Distribution: Lebombo Mountains, Mhlophe, Siteki
Recorded in Swaziland by Compton.

MELIANTHACEAE

Bersama transvaalensis Turrill
Status: DD
Known from two records in Swaziland by Dlamini. From a South African perspective, unlikely to be rare.

MORACEAE

Ficus burtt-davyi Hutch.
Status: DD
Distribution: Shiselweni Forest Company
Known from two subpopulations in Swaziland.

OCHNACEAE

Ochna arborea Burch. ex DC. var. *oconnorii* (E.Phillips) Du Toit
Status: DD
Distribution: Muti Muti, Jilobi, north of Mbabane
Unconfirmed report that it occurs in Swaziland.

Ochna gamostigmata Du Toit
Status: DD
Distribution: Havelock Concession

OLEACEAE

Olea woodiana Knobl.
Status: DD
Distribution: Jilobi, Ubombo Mountain.
Recorded in Swaziland by Miller.

OLINIACEAE

Olinia emarginata Burtt Davy
Status: DD
Distribution: Jilobi
Previously reported only to occur in South Africa.

ORCHIDACEAE

Calanthe sylvatica (Thouars) Lindl.
Calanthe natalensis (Rchb.f.) Rchb.f.
Status: DD
Distribution: Malandela
In evergreen and riverine montane forest, near streams and swampy areas. Also known from the Eastern Cape in South Africa. Widespread throughout Tropical Africa and Madagascar.

Eulophia speciosa (R.Br. ex Lindl.) Bolus
Eulophia austrooccidentalis Sölch.; *Eulophia leucantha* (Kraenzl.) Sölch.
Status: DD
Distribution: Mlawula, Umbeluzi Gorge
Northwards into Tropical Africa. Also reported from the

Cape area (South Africa). Both synonyms were classified as threatened in previous RDLs.

Habenaria bicolor Conrath & Kraenzl.
Habenaria laevigata Lindl. subsp. *bicolor* (Conrath & Kraenzl.) Schltr.
Status: DD
Known mainly from Gauteng (South Africa). Flowers mainly from March to April. According to PRECIS, two localities outside Swaziland. Apparently new specimens collected from Swaziland. Reported from Zimbabwe but very unlikely. Known from grasslands.

Habenaria culveri Schltr.
Status: DD

Neobolusia tysonii (Bolus) Schltr.
Status: DD
Distribution: Forbes Reef
Wide distribution in South Africa from the Eastern Cape to Mpumalanga. Small cross-border distribution in Swaziland.

PASSIFLORACEAE

Adenia hastata (Harv.) Schinz var. *glandulifera* W.J.de Wilde
Status: DD
Distribution: Bulunga Poort
Single record by Compton.

PERILOCACEAE

Mondia whitei (Hook.f.) Skeels
Status: DD
Threats: Collection
Distribution: Siteki, Ubombo
Widespread, and probably utilised everywhere. Known from several collections in Swaziland. Harvested for medicinal purposes. Nothing is known about the rates of utilisation in Swaziland, and distributions from herbarium collections in Swaziland could not be confirmed.

POACEAE

Ehrharta erecta Lam. var. *natalensis* Stapf
Status: DD
Distribution: Malolotja
Known from collections in Swaziland by Braun.
Widespread in the summer rainfall region of South Africa.

Eragrostis barbinodis Hack.
Status: DD
Endemism: Near-endemic
Distribution: Nkomati River Valley
Also known from South Africa.

Sartidia jucunda (Schweick.) De Winter
Status: DD
Endemism: Near-endemic
Distribution: Malolotja
The species is restricted to the Barberton Mountains. Known from only a single site outside Swaziland.

Sartidia sp.
Status: DD
Endemism: Near-endemic
Distribution: Malolotja (N & S)
Found on serpentine soils, but undescribed for more than a decade.

Thamnocalamus tessellatus (Nees) Sonderstr. & R.P.Ellis
Arundinaria tessellata (Nees) Munro
Status: DD
Dispute as to how abundant this species is in Swaziland. Well represented outside Swaziland. Utilised throughout its range.

PROTEACEAE

Faurea macnaughtonii E.Phillips

Status: DD

Distribution: Mlumati, Malolotja, Shelangubu Valley
Locally common, but restricted distribution in Swaziland.

RHIZOPHORACEAE

Cassipourea swaziensis Compton

Status: DD

Endemism: Near-endemic

Threats: Grazing, fire

Distribution: Mhlosheni, 2 km north of Mbabane, Nhlanguano, Nsongweni

Very restricted in Swaziland. Also in South Africa (KwaZulu-Natal, Mpumalanga?). Quartzite. Area poorly collected, only old collections. Cattle grazing and population growth a problem.

RUBIACEAE

Canthium suberosum Codd

Status: DD

Distribution: Hlatikhulu

Known from specimens collected by Compton.

Pavetta zeyheri Sond.

Pavetta microlancea-K.Schum.

Status: DD

The synonym was listed as threatened in previous RDLs. Known only from old collections.

Pentas micrantha Baker subsp. *wyliei* (N.E.Br.) Verdc.

Status: DD

Distribution: Mapokane, Mnyame, Komati Valley, Tulwane

RUTACEAE

Teclea gerrardii I.Verd.

Status: DD

Distribution: Muti Muti, Jilobi
Recorded in Swaziland by Miller.

Teclea natalensis (Sond.) Engl.

Status: DD

Teclea pilosa (Engl.) I.Verd.

Status: DD

SAMYDACEAE

Homalium dentatum (Harv.) Warb.

Status: DD

Distribution: Jilobi, Siteki, Tibulati stream
Recorded in Swaziland by Miller.

SANTALACEAE

Thesium gracilentum N.E.Br.

Status: DD

Distribution: Emlembo Mountain (Havelock Concession)
Found in an inaccessible habitat.

STERCULIACEAE

Crassula greenwayi Brenan

Status: DD

Distribution: Shewula (Umbeluzi Gorge North Bank), Muti Muti

Sterculia murex Hemsl.

Status: DD

Only in South Africa according to PRECIS. However, certain that it occurs in Swaziland but never surveyed.

TURNERACEAE

Tricliceras laceratum (Oberm.) Oberm.

Status: DD

Distribution: Tshaneni

Known from collections in Swaziland by Edwards and Culverwell.

Tricliceras longipedunculatum (Mast.) R.Fern. var. *longipedunculatum*

Status: DD

Known mainly from old collections (Barrett).

VERBENACEAE

Vitex rehmannii Gürke

Status: DD

Distribution: Siteki

Known from collections in Swaziland by Miller.



Encephalartos relictus is classified as *Extinct in the Wild*. (Photo: P.J.H. Hurter)