

A three-step methodology was used to identify ecosystems using Criterion F:

- Step 1: Identify clusters of very high irreplaceability planning units from the systematic biodiversity plan
- Step 2: Delineate ecosystems using ecological, topographical and/or geological features
- Step 3: Assess the threat value (high, medium or low) for each ecosystem based on data included in the systematic biodiversity planning process, to categorise as critically endangered, endangered or vulnerable respectively

4.4 How do listed threatened ecosystems relate to ecosystem status in the National Spatial Biodiversity Assessment 2004?

The NSBA 2004 was the first national spatial assessment of South Africa's terrestrial and aquatic biodiversity. It identified broad biodiversity priority areas for conservation action, and as mentioned in Section 1 included early attempts to identify threatened ecosystems in the terrestrial, river, estuarine and marine environments. An assessment of ecosystem threat status categorised ecosystems as critically endangered (CR), endangered (EN), vulnerable (VU) or least threatened (LT).

The methodology used to assess ecosystem threat status in the NSBA 2004 used only Criterion A1, and the thresholds for endangered and vulnerable ecosystems were different from those used for ecosystem listing. Available data on loss of natural habitat has improved since the NSBA 2004 was undertaken, and further criteria for identifying threatened ecosystems have been developed. **This means that the terrestrial ecosystem status results in the NSBA 2004 are superceded by this more detailed, comprehensive analysis.** The National Biodiversity Assessment (NBA) 2011 incorporates a spatial assessment as well as other non-spatial elements. When the NBA 2011 is published, it will be aligned and consistent with this published list of threatened terrestrial ecosystems, and will supercede the NSBA 2004 with respect to the assessment of ecosystem threat status of aquatic ecosystems.

5 Implications of listing threatened ecosystems

This section briefly discusses the implications of listing threatened ecosystems. Four main types of implications have been identified:

- Planning related implications, linked to IDPs and SDFs;
- Environmental authorisation implications, in terms of NEMA and EIA regulations;
- Proactive management implications, in terms of the Biodiversity Act;
- Monitoring and reporting implications, in terms of the Biodiversity Act.

5.1 Planning related Implications

According to Section 54 of the Biodiversity Act, the need for protection of listed ecosystems must be taken into account in municipal Integrated Development Plans (IDPs) and by implication in Spatial Development Frameworks (SDFs).²³

IDPs can take listed ecosystems into account by, for example:

- Identifying IDP projects or local economic development projects with biodiversity benefits, linked to management of threatened ecosystems (such as clearing of invasive aliens through Working for Water, or other forms of rehabilitation e.g. through Working for Wetlands, LandCare, CoastCare);
- Prioritising threatened ecosystems in the development of invasive species control and eradication plans (these are required of municipalities in terms of Subsection 76(2) of the Biodiversity Act, for any land under a municipality's control, and should form part of the IDP);
- Exploring options to formally protect and manage municipal land that supports threatened ecosystems;
- Ensuring that development projects identified by the IDP, especially those with large footprints, avoid conflict with or negative impacts on threatened ecosystems.

SDFs should take listed ecosystems into account by:

- Including a map of listed ecosystems and their accompanying descriptions;

²³ The Municipal Systems Act (Act 32 of 2000) requires that an IDP must include a spatial component, the SDF. In practice, IDPs and SDFs are usually compiled separately by separate sets of consultants.

- Ensuring that listed ecosystems are reflected in the final integrated map of spatial planning categories or zones;
- Applying appropriately restrictive land-use guidelines to listed ecosystems, so that further loss and degradation of natural habitat in these ecosystems is avoided.

Zoning schemes or land-use management schemes should ultimately be consistent with and give effect to Spatial Development Frameworks, and should include appropriately restrictive zoning categories for ecologically important areas such as threatened ecosystems.

An important starting point is for municipalities to be aware of listed ecosystems that fall within their jurisdiction. To this end, SANBI and DEA have embarked on a project to develop municipal biodiversity summaries, which will provide basic information on important biodiversity features per district municipality, initially in pilot provinces and later in all provinces. Municipal biodiversity summaries will be available on SANBI's Biodiversity GIS (BGIS) website (<http://bgis.sanbi.org>), which already serves substantial amounts of spatial biodiversity information to municipalities, consultants and others.

The need for protection of listed ecosystems should also be taken into account in provincial growth and development strategies and provincial spatial development frameworks, which provide the provincial context for district and local IDPs and SDFs.

5.2 Environmental authorisation implications

As discussed in Section 3.2.2, the EIA Regulations include three lists of activities that require environmental authorisation:

- Listing Notice 1: activities that require a basic assessment (R544 of 2010),
- Listing Notice 2: activities that require scoping and environmental impact report (EIR) (R545 of 2010),
- Listing Notice 3: activities that require a basic assessment in specific identified geographical areas only (R546 of 2010).

Activity 12 in Listing Notice 3 relates to the clearance of 300m² of more of vegetation, which will trigger a basic assessment within any critically endangered or endangered ecosystem listed in terms of S52 of the Biodiversity Act. This means **any development that involves loss of natural habitat in a listed critically endangered or endangered ecosystem is likely to require at least a basic assessment** in terms of the EIA regulations.

In addition, if any other development that requires environmental authorisation impacts on a threatened ecosystem, that impact should be avoided, minimised, mitigated and/or offset as appropriate.

In determining the significance of impact on biodiversity in an EIA process, loss of natural habitat in a critically endangered or endangered ecosystem should be ranked as highly significant.

To establish whether a site falls within or contains part of a threatened ecosystem, go to SANBI's BGIS website (<http://bgis.sanbi.org>) where a shapefile of listed ecosystems is available. BGIS also provides a land-use decision support (LUDS) tool, which can be used to locate your site and to determine whether the site falls within or contains part of a threatened ecosystem (or other biodiversity priority area). If the site does fall within a listed ecosystem, it is important to ground-truth the presence of indigenous vegetation of the ecosystem in question, preferably with an ecologist who knows the area. Spatial data on the location of ecosystems and on land cover is always subject to errors of scale, and land cover data is never 100% up to date.

As discussed in Section 3.2.2, NEMA also provides for the development of EMFs. **Listed ecosystems should be incorporated into EMFs**, with restrictions on any loss of natural habitat in critically endangered or endangered ecosystems.

5.3 Proactive biodiversity management implications

Listing of ecosystems allows for considerable focus of proactive management actions on these ecosystems to protect or rehabilitate them.

In terms of the Biodiversity Act:

- A Biodiversity Management Plan can be developed and published for a listed ecosystem. The Minister must identify an implementing agent for the management plan in order for it to be published, and must assess implementation of the plan every five years. A Biodiversity Management Plan could also be developed for a portion of a listed ecosystem or for a group of listed ecosystems. As noted in Section 3.1.4, norms and standards for Biodiversity Management Plans for ecosystems are in the process of being developed.
- The Minister can enter into a Biodiversity Management Agreement with the implementing agent of a Biodiversity Management Plan.

Other proactive management actions that could be applied to listed ecosystems include the following:

- Regulation and control of invasive alien species could be prioritised in listed ecosystems
- Rehabilitation programmes such as Working for Wetlands could prioritise listed ecosystems
- Provincial biodiversity stewardship programmes could prioritise listed ecosystems for contract protected areas in terms of the Protected Areas Act or for other biodiversity stewardship agreements
- Protected area management plans could pay particular attention to the need for careful management of threatened ecosystems within protected areas.

5.4 Monitoring and reporting implications

The functions of SANBI, set out in Section 11 of the Biodiversity Act, include monitoring and reporting regularly to the Minister on the conservation status of all listed species and listed ecosystems.

In terms of Section 49 of the Biodiversity Act, which deals with monitoring the status of biodiversity in the country, the Minister must designate monitoring mechanisms and set indicators to determine the conservation status of various components of South Africa's biodiversity, as well as any negative and positive trends affecting their conservation status. The Minister must report annually to parliament on these indicators and make the information publicly available.

SANBI has developed a National Biodiversity Monitoring and Reporting Framework, together with headline indicators, to provide an effective mechanism for reporting on the state of South Africa's biodiversity, including co-ordinating and aligning the biodiversity monitoring and reporting efforts of many organisations and individuals. The National Biodiversity Monitoring and Reporting Framework has a component that deals with the state of ecosystems, with headline indicators on the number and extent of threatened ecosystems (CR, EN and VU) in terrestrial and aquatic environments.

We recommend that provinces and municipalities developing State of Environment Reports align their biodiversity indicators as far as possible with those in the National Biodiversity Monitoring and Reporting Framework, and include indicators on the number and remaining area of threatened ecosystems, and the extent of further loss or degradation of threatened ecosystems.

6 Summary of listed ecosystems

This section provides summary information on the terrestrial ecosystems listed in the current phase of listing. Detailed information on each of the ecosystems follows in Section 7.

As shown in Table 2, remaining natural areas in threatened terrestrial ecosystems make up 9.5% of the country, with critically endangered and endangered ecosystems together accounting for 2.7% and vulnerable ecosystems a further 6.8%. The table shows how the ecosystems are distributed by province. The area figures refer to the remaining natural habitat in listed ecosystems, not their original extent. Much natural habitat has already been lost in most threatened ecosystems, so the remaining extent is much smaller than the original extent. Figure 1 and Figure 2 show the original and remaining extent of the ecosystems respectively.

Table 3 gives a summary list of all the ecosystems. The table is organised by category of threatened ecosystem (CR, EN and VU) and within each category the ecosystems are given in alphabetical order. Table 4 gives a summary list of all the ecosystems organised by province. Where a listed ecosystem is shared by more than one province this is indicated in the table.

Table 2: Summary statistics for listed ecosystems

| | CR | | EN | | VU | | TOTAL | |
|---------------------|------------|------------|--------------|------------|--------------|------------|---------------|------------|
| | 000 ha | % | 000 ha | % | 000 ha | % | 000 ha | % |
| Eastern Cape | 4 | 0.0 | 51 | 0.3 | 588 | 3.5 | 643 | 3.8 |
| Free State | 2 | 0.0 | 383 | 3.0 | 1 049 | 8.1 | 1 433 | 11.0 |
| Gauteng | 99 | 6.0 | 95 | 5.8 | 189 | 11.4 | 384 | 23.2 |
| KZN | 224 | 2.4 | 464 | 5.0 | 1 164 | 12.5 | 1 852 | 19.9 |
| Limpopo | 9 | 0.1 | 123 | 1.0 | 536 | 4.3 | 668 | 5.3 |
| Mpumalanga | 6 | 0.1 | 634 | 8.3 | 2 226 | 29.1 | 2 866 | 37.5 |
| Northern Cape | | | 35 | 0.1 | 109 | 0.3 | 144 | 0.4 |
| North West | 186 | 1.8 | 452 | 4.3 | 1 309 | 12.3 | 1 947 | 18.3 |
| Western Cape | 374 | 2.9 | 154 | 1.2 | 1 083 | 8.4 | 1 611 | 12.5 |
| South Africa | 903 | 0.7 | 2 392 | 2.0 | 8 252 | 6.8 | 11 547 | 9.5 |

Table notes:

- Area figures refer to remaining natural area. They have been rounded to nearest thousand hectares so totals may not add up exactly.
- A blank cell indicates that no ecosystems were identified. A zero indicates that one or more ecosystems have been identified but that their total remaining area is less than 1 000ha.

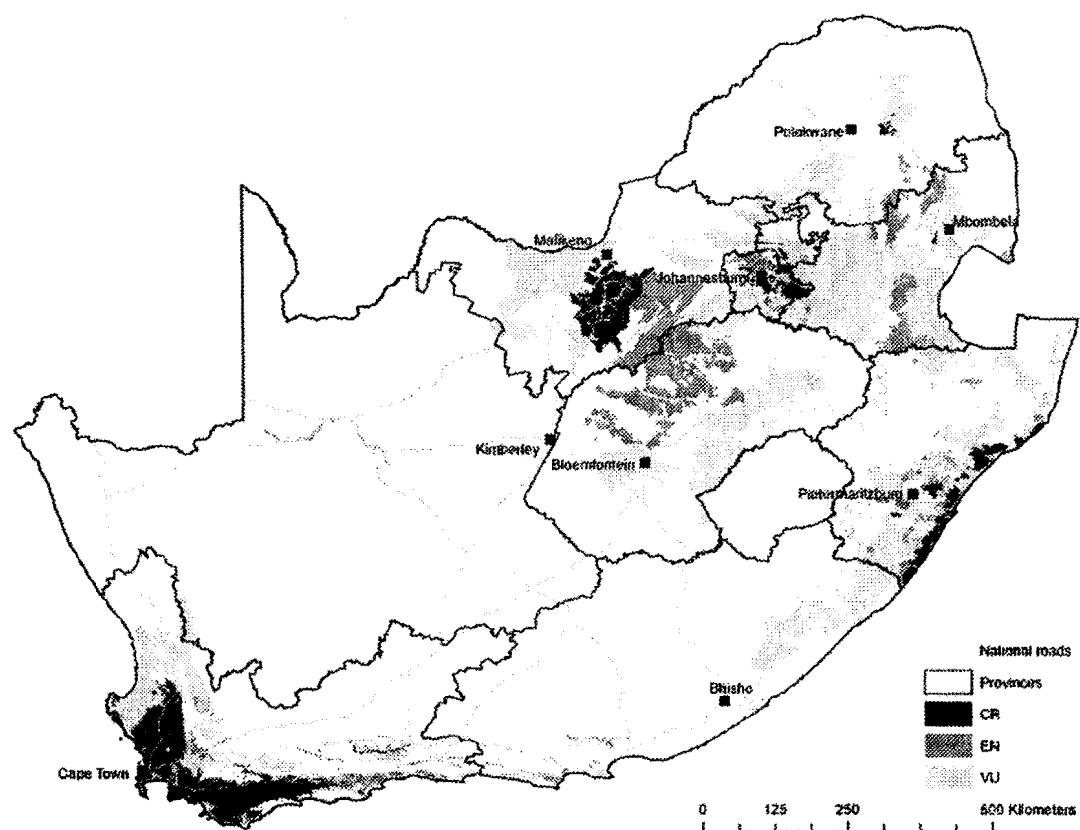


Figure 1: Map of listed ecosystems, showing original extent of ecosystems

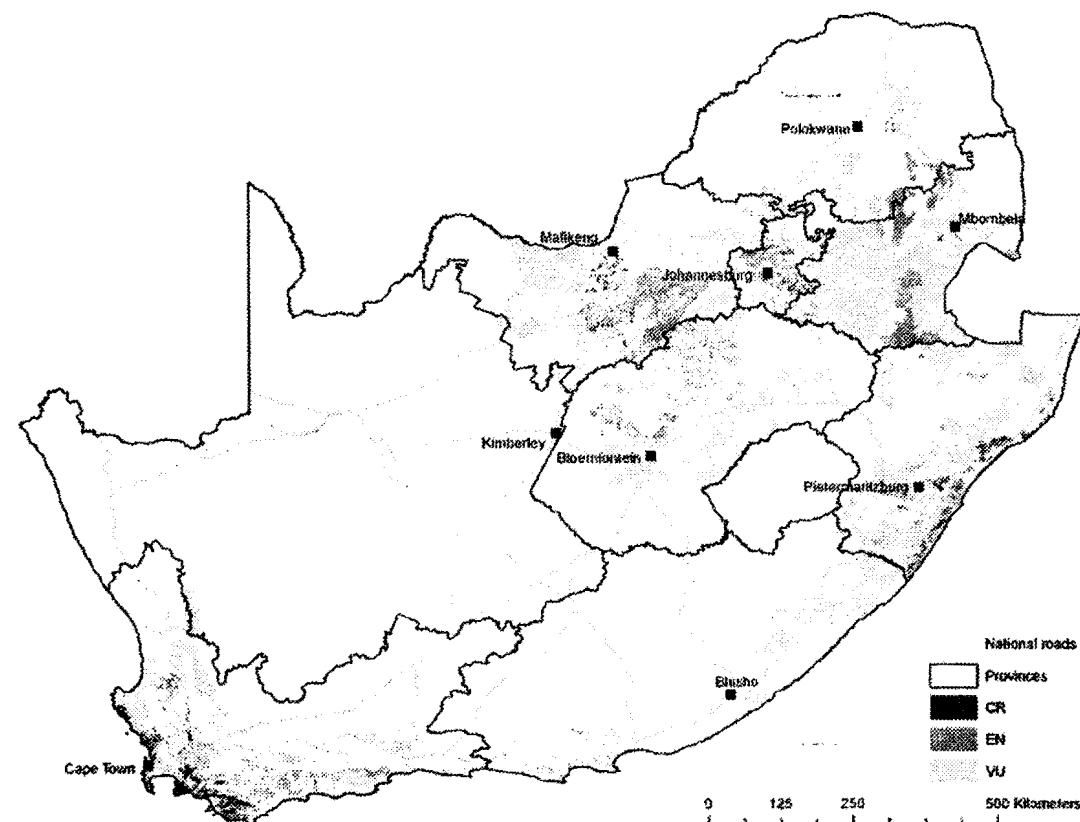


Figure 2: Map of listed ecosystems, showing remaining extent of ecosystems

Table 3: Summary of listed ecosystems, including reference numbers, divided into critically endangered, endangered and vulnerable ecosystems

| No. | Ecosystem | Biome | Province | Criterion |
|-----------------------------------|--|--|---------------|-----------|
| Critically Endangered (CR) | | | | |
| 1 | Atlantis Sand Fynbos (FFd 4) | Fynbos | Western Cape | D1 |
| 2 | Blesbokspruit Highveld Grassland (GP 1) | Grassland/Savanna/Wetland | Gauteng | F |
| 3 | Blinkwater Valley (KZN 1) | Grassland/Savanna | KwaZulu-Natal | F |
| 4 | Boesmanspruit Highveld Grassland (GP 2) | Grassland/Wetland | Gauteng | F |
| 5 | Bronberg Mountain Bushveld (GP 3) | Grassland/Savanna | Gauteng | F |
| 6 | Cape Flats Sand Fynbos (FFd 5) | Fynbos | Western Cape | A1 & D1 |
| 7 | Cape Lowland Alluvial Vegetation (AZa 2) | Azonal | Western Cape | A1 |
| 8 | Central Rūens Shale Renosterveld (FRs 12) | Fynbos | Western Cape | A1 |
| 9 | Durban Metropole North Coast Grassland (KZN 2) | Indian Ocean Coastal Belt/Forest | KwaZulu-Natal | F |
| 10 | Eastern Rūens Shale Renosterveld (FRs 13) | Fynbos | Western Cape | A1 |
| 11 | Elgin Shale Fynbos (FFh 6) | Fynbos | Western Cape | A1 |
| 12 | Elim Ferricrete Fynbos (FFf 1) | Fynbos | Western Cape | A1 |
| 13 | Entumeni Valley (KZN 3) | Indian Ocean Coastal Belt/Savanna/Forest | KwaZulu-Natal | F |
| 14 | Eshowe Mtunzini Hilly Grasslands (KZN 4) | Indian Ocean Coastal Belt/Savanna/Forest | KwaZulu-Natal | F |
| 15 | Glen Austin Pan (GP 4) | Grassland | Gauteng | F |
| 16 | Highover Nature Reserve and Roselands Farm Surrounds (KZN 5) | Grassland/Savanna/Forest | KwaZulu-Natal | F |
| 17 | Interior North Coast Grasslands (KZN 6) | Indian Ocean Coastal Belt/Savanna/Forest | KwaZulu-Natal | F |
| 18 | Interior South Coast Grasslands (KZN 7) | Indian Ocean Coastal Belt/Savanna/Forest | KwaZulu-Natal | F |
| 19 | Kaapsehoop Quartzite Grasslands (MP 1) | Grassland/Forest | Mpumalanga | F |
| 20 | Klipriver Highveld Grassland (GP 5) | Grassland/Savanna/Wetland | Gauteng | F |

| No. | Ecosystem | Biome | Province | Criterion |
|-----|--|--|------------------------------|-----------|
| 21 | Knysna Sand Fynbos (FFd 10) | Fynbos | Western Cape | A1 |
| 22 | Kogelberg Sandstone Fynbos (FFs 11) | Fynbos | Western Cape | D1 |
| 23 | Kwambonambi Dune Forest (KZN 8) | Indian Ocean Coastal Belt/Forest | KwaZulu-Natal | F |
| 24 | Kwambonambi Hygrophilous Grasslands (KZN 9) | Indian Ocean Coastal Belt/Forest | KwaZulu-Natal | F |
| 25 | Langkloof Shale Renosterveld (FRs 17) | Fynbos | Western Cape Eastern Cape | A1 |
| 26 | Lourensford Alluvium Fynbos (FFa 4) | Fynbos | Western Cape | A1 |
| 27 | Magaliesberg Pretoria Mountain Bushveld (GP 6) | Grassland/Savanna | Gauteng | F |
| 28 | Margate Pondoland-Ugu Sourveld (KZN 10) | Indian Ocean Coastal Belt/Forest | KwaZulu-Natal | F |
| 29 | Mlazi Gorge (KZN 11) | Indian Ocean Coastal Belt/Forest | KwaZulu-Natal | F |
| 30 | Muscadel Riviere (AZi 8) | Azonal | Western Cape | A1 |
| 31 | New Hanover Plateau (KZN 12) | Grassland/Savanna/ Forest | KwaZulu-Natal | F |
| 32 | Ngoye Scarp Forests and Grasslands (KZN 13) | Indian Ocean Coastal Belt/ Savanna/Forest | KwaZulu-Natal | F |
| 33 | North Coast Dune Forest (KZN 14) | Indian Ocean Coastal Belt/Forest | KwaZulu-Natal | F |
| 34 | North Coast Forest Collective (KZN 15) | Indian Ocean Coastal Belt/Forest | KwaZulu-Natal | F |
| 35 | Northern Coastal Grasslands (KZN 16) | Indian Ocean Coastal Belt/Forest | KwaZulu-Natal | F |
| 36 | Oakland and Townhill Ridge (KZN 17) | Grassland/Savanna/ Forest | KwaZulu-Natal | F |
| 37 | Overberg Sandstone Fynbos (FFs 12) | Fynbos | Western Cape | D1 |
| 38 | Peninsula Granite Fynbos (FFg 3) | Fynbos | Western Cape | A1 |
| 39 | Peninsula Shale Renosterveld (FRs 10) | Fynbos | Western Cape | A1 |
| 40 | Rietvleiriver Highveld Grassland (GP 7) | Grassland/Wetlands | Gauteng | F |
| 41 | Roodepoort Reef Mountain Bushveld (GP 8) | Grassland/Savanna | Gauteng | F |
| 42 | Rûens Silcrete Renosterveld (FRc 2) | Fynbos | Western Cape | A1 |
| 43 | Southern Coastal Grasslands (KZN 18) | Indian Ocean Coastal Belt/Forest | KwaZulu-Natal | F |
| 44 | Swartland Alluvium Fynbos (FFa 3) | Fynbos | Western Cape | A1 |
| 45 | Swartland Granite Renosterveld (FRg 2) | Fynbos | Western Cape | A1 & D1 |

| No. | Ecosystem | Biome | Province | Criterion |
|------------------------|---|--|-------------------------------|-----------|
| 46 | Swartland Shale Renosterveld (FRs 9) | Fynbos | Western Cape | A1 & D1 |
| 47 | Swartland Silcrete Renosterveld (FRc 1) | Fynbos | Western Cape | A1 |
| 48 | Umvoti Valley Complex (KZN 19) | Indian Ocean Coastal Belt/Savanna/Forest | KwaZulu-Natal | F |
| 49 | Western Highveld Sandy Grassland (Gh 14) | Grassland | North West | A1 |
| 50 | Western Rüens Shale Renosterveld (FRs 11) | Fynbos | Western Cape | A1 |
| 51 | Wilge Mountain Bushveld (GP 9) | Grassland/Savanna | Gauteng | F |
| 52 | Witwatersberg Pretoria Mountain Bushveld (GP 10) | Grassland/Savanna | Gauteng | F |
| 53 | Woodbush Granite Grassland (Gm 25) | Grassland | Limpopo | A1 |
| Endangered (EN) | | | | |
| 54 | Aguilhas Sand Fynbos (FFd 7) | Fynbos | Western Cape | A1 |
| 55 | Albany Alluvial Vegetation (AZa 6) | Azonal | Eastern Cape | A1 |
| 56 | Bazini Forest Complex (KZN 20) | Grassland/Savanna/Forest | KwaZulu-Natal | F |
| 57 | Bivane Montane Grassland (KZN 21) | Grassland | KwaZulu-Natal | F |
| 58 | Blouberg Forest (FOR 1) | Forest | Limpopo | F |
| 59 | Blyde Quartzite Grasslands (MP 2) | Grassland/Forest | Mpumalanga | F |
| 60 | Brakfontein Reef Bushveld (GP 11) | Grassland/Savanna | Gauteng | F |
| 61 | Breede Alluvium Fynbos (FFa 2) | Fynbos | Western Cape | A1 |
| 62 | Bronkhorstspruit Highveld Grassland (GP 12) | Savanna/Grassland/Wetland | Gauteng | F |
| 63 | Cape Flats Dune Strandveld (FS 6) | Fynbos | Western Cape | D1 |
| 64 | Cape Vernal Pools (AZf 2) | Azonal | Western Cape Northern Cape | A1 |
| 65 | Chrissiesmeer Panveld (MP 3) | Grassland/Wetland | Mpumalanga | F |
| 66 | Cumberland Crest (KZN 22) | Savanna | KwaZulu-Natal | F |
| 67 | Deneysville Highveld Grassland (GP 13) | Grassland/Savanna | Gauteng | F |
| 68 | Dukuduku/St Lucia Grasslands and Forests (KZN 23) | Indian Ocean Coastal Belt/Forest | KwaZulu-Natal | F |
| 69 | Dullstroom Plateau Grasslands (MP 4) | Grassland/Forest | Mpumalanga | F |
| 70 | Egoli Granite Grassland (Gm 10) | Grassland | Gauteng | A1 |
| 71 | Fort Metcalf Grasslands (KZN 24) | Grassland | KwaZulu-Natal | F |
| 72 | Garden Route Granite Fynbos (FFg 5) | Fynbos | Western Cape | A1 |

| No. | Ecosystem | Biome | Province | Criterion |
|-----|--|---|-------------------------------|-----------|
| 73 | Gqunu Forest (KZN 25) | Grassland/Forest | KwaZulu-Natal | F |
| 74 | Greyton Shale Fynbos (FFh 7) | Fynbos | Western Cape | A1 |
| 75 | Greytown North Grasslands (KZN 26) | Grassland | KwaZulu-Natal | F |
| 76 | Groot Brak Dune Strandveld (FS 9) | Fynbos | Western Cape | A1 |
| 77 | Hangklip Sand Fynbos (FFd 6) | Fynbos | Western Cape | A1 |
| 78 | Hlabeni State Forest (KZN 27) | Grassland/Forest | KwaZulu-Natal | F |
| 79 | Hlabisa Forest Complex (FOR 2) | Forest | KwaZulu-Natal | F |
| 80 | Humansdorp Shale Renosterveld (FRs 19) | Fynbos | Eastern Cape | A1 |
| 81 | Impendle Highlands (KZN 28) | Grassland/Forest | KwaZulu-Natal | F |
| 82 | Karkloof Forest Collective (KZN 29) | Grassland/Savanna/ Forest | KwaZulu-Natal | F |
| 83 | Kobonqaba Forest Complex (FOR 3) | Forest | Eastern Cape | F |
| 84 | Kouebokkeveld Alluvium Fynbos (FFa 1) | Fynbos | Western Cape | A1 |
| 85 | Kraanspoort Mountain Bushveld (GP 14) | Grassland/Savanna | Gauteng | F |
| 86 | KwaZulu-Natal Coastal Forest (FOz VII1) | Forest | KwaZulu-Natal | A2 |
| 87 | KwaZulu-Natal Sandstone Sourveld (SVs 5) | Savanna | KwaZulu-Natal | A1 |
| 88 | Loskop Grasslands (KZN 30) | Grassland | KwaZulu-Natal | F |
| 89 | Lower Gariep Alluvial Vegetation (AZa 3) | Azonal | Northern Cape | A1 |
| 90 | Malmani Karstlands (MP 5) | Grassland/Savanna/ Forest | Mpumalanga Limpopo | F |
| 91 | Mananga-Lebombo Thornveld (MP 6) | Savanna/Forest | Mpumalanga | F |
| 92 | Mangrove Forest (FOa 3) | Forest | KwaZulu-Natal Eastern Cape | C |
| 93 | Mapungubwe/Greefswald Riverine Forest (FOR 4) | Forest | Limpopo | F |
| 94 | Mauchesburg Alpine Grasslands (MP 7) | Grassland/Forest | Mpumalanga | F |
| 95 | Mossel Bay Shale Renosterveld (FRs 14) | Fynbos | Western Cape | A1 |
| 96 | Mount Thesiger Forest Complex (FOR 5) | Forest | Eastern Cape | F |
| 97 | Ngome Mistbelt Grassland and Forest (KZN 31) | Grassland/Savanna/ Forest | KwaZulu-Natal | F |
| 98 | Noordkaap Greenstone Bushveld (MP 8) | Savanna | Mpumalanga | F |
| 99 | Ntimbankulu Forest (FOR 6) | Forest | KwaZulu-Natal | F |
| 100 | Ntunjambili Valley Complex (KZN 32) | Savanna/Grassland | KwaZulu-Natal | F |
| 101 | Oribi-Port Edward Pondoland-Ugu Sourveld (KZN 33) | Indian Ocean Coastal Belt/ Savanna/Forest | KwaZulu-Natal | F |

| No. | Ecosystem | Biome | Province | Criterion |
|------------------------|---|------------------------------|-----------------------------|-----------|
| 102 | Peninsula Sandstone Fynbos (FFs 9) | Fynbos | Western Cape | D1 |
| 103 | Pietermaritzburg South (KZN 34) | Grassland/Savanna/ Forest | KwaZulu-Natal | F |
| 104 | Potberg Ferricrete Fynbos (FFf 2) | Fynbos | Western Cape | A1 |
| 105 | Qudeni Mountain Mistbelt Forest and Grassland (KZN 35) | Grassland/Savanna/ Forest | KwaZulu-Natal | F |
| 106 | Saldanha Granite Strandveld (FS 2) | Fynbos | Western Cape | A1 |
| 107 | Sekhukhune Mountainlands (MP 9) | Grassland/Savanna | Mpumalanga Limpopo | F |
| 108 | Sekhukhune Norite Bushveld (LP 1) | Savanna | Limpopo | F |
| 109 | Sihleza (KZN 36) | Grassland/Forest | KwaZulu-Natal | F |
| 110 | Southern Weza State Forest (KZN 37) | Grassland/Forest | KwaZulu-Natal | F |
| 111 | Stoffberg Mountainlands (MP 10) | Grassland | Mpumalanga | F |
| 112 | Tsakane Clay Grassland (Gm 9) | Grassland | Gauteng Mpumalanga | A1 |
| 113 | Umgeli Valley Bushveld (KZN 38) | Grassland/Savanna/ Forest | KwaZulu-Natal | F |
| 114 | Vaal-Vet Sandy Grassland (Gh 10) | Grassland | North West Free State | A1 |
| 115 | Wakkerstroom/Luneburg Grasslands (MP 11) | Grassland/Forest | Mpumalanga KwaZulu-Natal | F |
| 116 | Western Cape Milkwood Forest (FOz VI3) | Forest | Western Cape | C |
| 117 | Witwatersberg Skeerpoort Mountain Bushveld (GP 15) | Grassland/Savanna | Gauteng | F |
| Vulnerable (VU) | | | | |
| 118 | Aguilhas Limestone Fynbos (FFI 1) | Fynbos | Western Cape | D1 |
| 119 | Albertinia Sand Fynbos (FFd 9) | Fynbos | Western Cape | A1 |
| 120 | Algoa Sandstone Fynbos (FFs 29) | Fynbos | Eastern Cape | A1 |
| 121 | Badplaas Mountainlands (MP 12) | Grassland/Savanna/ Forest | Mpumalanga | F |
| 122 | Barberton Mountainlands (MP 13) | Grassland/Savanna/ Forest | Mpumalanga | F |
| 123 | Beinn Mheadmon Mountain Grasslands (KZN 39) | Grassland | KwaZulu-Natal | F |
| 124 | Bivane Sour Grassveld and Bushveld (KZN 40) | Grassland/Savanna | KwaZulu-Natal | F |

| No. | Ecosystem | Biome | Province | Criterion |
|-----|---|--|---|-----------|
| 125 | Black Rhino Range (KZN 41) | Indian Ocean Coastal Belt/Savanna/Forest | KwaZulu-Natal | F |
| 126 | Bloemfontein Dry Grassland (Gh 5) | Grassland | Free State | A1 |
| 127 | Bokkeveld Sandstone Fynbos (FFs 1) | Fynbos | Western Cape Northern Cape | D1 |
| 128 | Boland Granite Fynbos (FFg 2) | Fynbos | Western Cape | D1 |
| 129 | Boschhoek Forests (KZN 42) | Grassland/Forest | KwaZulu-Natal | F |
| 130 | Boschhoek Plateau (KZN 43) | Grassland/Forest | KwaZulu-Natal | F |
| 131 | Breede Alluvium Renosterveld (FRa 1) | Fynbos | Western Cape | A1 |
| 132 | Breede Sand Fynbos (FFd 8) | Fynbos | Western Cape | A1 |
| 133 | Bushman's Nek/Garden Castle Lowlands (KZN 44) | Grassland | KwaZulu-Natal | F |
| 134 | Cape Winelands Shale Fynbos (FFh 5) | Fynbos | Western Cape | A1 |
| 135 | Cederberg Sandstone Fynbos (FFs 4) | Fynbos | Western Cape | D1 |
| 136 | Ceres Shale Renosterveld (FRs 4) | Fynbos | Western Cape | A1 |
| 137 | Chelmsford Grasslands (KZN 45) | Grassland | KwaZulu-Natal | F |
| 138 | Chelmsford North Grasslands (KZN 46) | Grassland/Savanna | KwaZulu-Natal | F |
| 139 | Croc Gorge Granite Mountainlands (MP 14) | Savanna/Forest | Mpumalanga | F |
| 140 | Drakensberg Foothill Wattled Crane Habitat (KZN 47) | Grassland/Forest | KwaZulu-Natal | F |
| 141 | Easingwold Grasslands (KZN 48) | Grassland/Forest | KwaZulu-Natal | F |
| 142 | Eastern Coastal Shale Band Vegetation (FFb 6) | Fynbos | Western Cape Eastern Cape | A1 |
| 143 | Eastern Creighton and Donnybrook (KZN 49) | Grassland/Savanna | KwaZulu-Natal | F |
| 144 | Eastern Free State Clay Grassland (Gm 3) | Grassland | Free State | A1 |
| 145 | Eastern Highveld Grassland (Gm 12) | Grassland | Mpumalanga Gauteng | A1 |
| 146 | Eastern Little Karoo (SKv 11) | Succulent Karoo | Western Cape | A1 |
| 147 | Eastern Scarp Forest (FOz V1) | Forest | KwaZulu-Natal | A2 |
| 148 | Eastern Temperate Freshwater Wetlands (Azf 3) | Azonal | Northern Cape Eastern Cape Free State North West Gauteng Mpumalanga KwaZulu-Natal | A1 |
| 149 | Eastlands (KZN 50) | Grassland/Savanna | KwaZulu-Natal | F |

| No. | Ecosystem | Biome | Province | Criterion |
|-----|---|------------------------------|------------------------------|-----------|
| 150 | Elandschoek Summit Grasslands (MP 15) | Grassland | Mpumalanga | F |
| 151 | Elandschoogte Mountainlands (MP 16) | Grassland/Savanna/ Forest | Mpumalanga | F |
| 152 | eMondlo Sandy Moist Grassland (KZN 51) | Grassland | KwaZulu-Natal | F |
| 153 | Fort Nottingham Lowland Grasslands (KZN 52) | Grassland/Forest | KwaZulu-Natal | F |
| 154 | Garden Route Shale Fynbos (FFb 9) | Fynbos | Western Cape Eastern Cape | A1 |
| 155 | Glen Cairn Valley (KZN 53) | Grassland/Savanna | KwaZulu-Natal | F |
| 156 | Gold Cliff Farm Surrounds (KZN 54) | Grassland/Savanna | KwaZulu-Natal | F |
| 157 | Harding East (KZN 55) | Savanna | KwaZulu-Natal | F |
| 158 | Harding West (KZN 56) | Grassland | KwaZulu-Natal | F |
| 159 | Hawequas Sandstone Fynbos (FFs 10) | Fynbos | Western Cape | D1 |
| 160 | Himeville Lowlands and Ridge (KZN 57) | Grassland | KwaZulu-Natal | F |
| 161 | Hluhluwe Scarp Forest (KZN 58) | Grassland/Savanna/ Forest | KwaZulu-Natal | F |
| 162 | Hopefield Sand Fynbos (FFd 3) | Fynbos | Western Cape | A1 & D1 |
| 163 | Imfolosi Savanna and Sourveld ((KZN 59) | Grassland/Savanna | KwaZulu-Natal | F |
| 164 | Impendle Lowland Grasslands (KZN 60) | Grassland/Forest | KwaZulu-Natal | F |
| 165 | Ixopo Surrounds (KZN 61) | Grassland/Savanna | KwaZulu-Natal | F |
| 166 | Kaalrug Mountainlands (MP 17) | Grassland/Savanna/ Forest | Mpumalanga | F |
| 167 | Kango Limestone Renosterveld (FRI 1) | Fynbos | Western Cape | A1 |
| 168 | KaNgwane Montane Grassland (Gm 16) | Grassland | Mpumalanga KwaZulu-Natal | A1 |
| 169 | Kouebokkeveld Shale Fynbos (FFh 1) | Fynbos | Western Cape | A1 |
| 170 | Kromberg Plateau (KZN 62) | Grassland/Savanna/ Forest | KwaZulu-Natal | F |
| 171 | KwaMncane North Plateau (KZN 63) | Grassland/Forest | KwaZulu-Natal | F |
| 172 | KwaZulu-Natal Coastal Belt (CB 3) | Indian Ocean Coastal Belt | KwaZulu-Natal | A1 |
| 173 | Lebombo Scarp Forest (KZN 64) | Grassland/Savanna/ Forest | KwaZulu-Natal | F |
| 174 | Lebombo Summit Sourveld (SVI 17) | Savanna | Mpumalanga KwaZulu-Natal | A1 |
| 175 | Legogote Sour Bushveld (SVI 9) | Savanna | Limpopo Mpumalanga | A1 |
| 176 | Leipoldtville Sand Fynbos (FFd 2) | Fynbos | Western Cape | A1 & D1 |

| No. | Ecosystem | Biome | Province | Criterion |
|-----|--|------------------------------|--|-----------|
| 177 | Loskop Mountainlands (MP 18) | Grassland/Savanna | Mpumalanga | F |
| 178 | Louwsberg Mistbelt Grassland (KZN 65) | Grassland/Forest | KwaZulu-Natal | F |
| 179 | Low Escarpment Mistbelt Forest (FOz II4) | Forest | Mpumalanga KwaZulu-Natal | A2 |
| 180 | Lowveld Riverine Forest (FOa 1) | Forest | Mpumalanga KwaZulu-Natal Limpopo | A2 |
| 181 | Mafikeng Bushveld (SVk 1) | Savanna | North West | A1 |
| 182 | Magaliesberg Hekpoort Mountain Bushveld (GP 16) | Grassland/Savanna/ Forest | Gauteng | F |
| 183 | Majuba Mistbelt Forest and Moist Grassland (KZN 66) | Grassland/Forest | KwaZulu-Natal | F |
| 184 | Maputaland Wooded Grassland (CB 2) | Indian Ocean Coastal Belt | KwaZulu-Natal | A1 |
| 185 | Marikana Thornveld (SVcb 6) | Savanna | North West Gauteng | A1 |
| 186 | Marwaqa (KZN 67) | Grassland/Forest | KwaZulu-Natal | F |
| 187 | Michaelhouse Grasslands (KZN 68) | Grassland/Forest | KwaZulu-Natal | F |
| 188 | Midlands Mistbelt Grassland (Gs 9) | Grassland | KwaZulu-Natal Eastern Cape | A1 |
| 189 | Midmar Valley (KZN 69) | Grassland | KwaZulu-Natal | F |
| 190 | Montagu Shale Renosterveld (FRs 7) | Fynbos | Western Cape | A1 |
| 191 | Mount Gilboa Plateau (KZN 70) | Grassland/Forest | KwaZulu-Natal | F |
| 192 | Mount MacDonald Ridge and Wetlands (KZN 71) | Grassland | KwaZulu-Natal | F |
| 193 | Mthatha Moist Grassland (Gs 14) | Grassland | Eastern Cape | A1 |
| 194 | Namib Seashore Vegetation (AZd 1) | Azonal | Northern Cape | A1 |
| 195 | New Amalfi Wetlands (KZN 72) | Grassland | KwaZulu-Natal | F |
| 196 | Ngongoni Veld (SVs 4) | Savanna | KwaZulu-Natal Eastern Cape | A1 |
| 197 | Nieuwoudtville Shale Renosterveld (FRs 2) | Fynbos | Northern Cape | A1 |
| 198 | Nkandla Forests and Grasslands (KZN 73) | Grassland/Forest | KwaZulu-Natal | F |
| 199 | Nkunzi/Sundays River Grasslands (KZN 74) | Grassland/Forest | KwaZulu-Natal | F |
| 200 | Northern Escarpment Dolomite Grassland (Gm 22) | Grassland | Mpumalanga | A1 |
| 201 | Northern Qudenii Mistbelt Grasslands (KZN 75) | Grassland | KwaZulu-Natal | F |

| No. | Ecosystem | Biome | Province | Criterion |
|-----|--|-------------------------------------|---|-----------|
| 202 | Ntsikeni Vlei (KZN 76) | Grassland/Forest | KwaZulu-Natal | F |
| 203 | Oakspring Valley (KZN 77) | Grassland | KwaZulu-Natal | F |
| 204 | Paulpietersburg Moist Grassland (Gm 15) | Grassland | Mpumalanga KwaZulu-Natal | A1 |
| 205 | Piketberg Quartz Succulent Shrubland (SKk 8) | Succulent Karoo | Western Cape | A1 |
| 206 | Piketberg Sandstone Fynbos (FFs 6) | Fynbos | Western Cape | D1 |
| 207 | Pondoland Scarp Forest (FOz V2) | Forest | KwaZulu-Natal Eastern Cape | A2 |
| 208 | Pudsey/Otterburn Wetlands (KZN 78) | Grassland | KwaZulu-Natal | F |
| 209 | Rand Highveld Grassland (Gm 11) | Grassland | Gauteng North West Free State Mpumalanga | A1 |
| 210 | Saldanha Flats Strandveld (FS 3) | Fynbos | Western Cape | A1 |
| 211 | Schweizer-Reneke Bushveld (SVk 3) | Savanna | North West | A1 |
| 212 | Sherwood Forest Collective (KZN 79) | Grassland/Forest | KwaZulu-Natal | F |
| 213 | Soweto Highveld Grassland (Gm 8) | Grassland | Gauteng/Free State/North West/ Mpumalanga | A1 |
| 214 | Springbokvlakte Thornveld (SVcb 15) | Savanna | Limpopo Gauteng Mpumalanga North West | A1 |
| 215 | Swamp Forest (FOa 2) | Forest | KwaZulu-Natal Eastern Cape | A2 & C |
| 216 | Swarthberg/Franklin Vlei/Kokstad Ridge and Wetlands (KZN 80) | Grassland/Forest | KwaZulu-Natal | F |
| 217 | Swartland Alluvium Renosterveld (FRa 2) | Fynbos | Western Cape | A1 |
| 218 | Swellendam Silcrete Fynbos (FFc 1) | Fynbos | Western Cape | A1 |
| 219 | Transkei Coastal Forest (FOz V3) | Forest | Eastern Cape | A2 |
| 220 | Tzaneen Sour Bushveld (SVI 8) | Savanna | Limpopo Mpumalanga | A1 |
| 221 | Umvoti Vlei and Surrounds (KZN 81) | Grassland/Indian Ocean Coastal Belt | KwaZulu-Natal | F |
| 222 | Uyskop Valley (KZN 82) | Grassland | KwaZulu-Natal | F |
| 223 | Vaalkop Headlands (KZN 83) | Grassland/Savanna | KwaZulu-Natal | F |

| No. | Ecosystem | Biome | Province | Criterion |
|-----|--|-------------------|--------------------------|-----------|
| 224 | Vredefort Dome Granite Grassland (Gh 11) | Grassland | Free State North West | A1 |
| 225 | Warley Commons (KZN 84) | Grassland/Savanna | KwaZulu-Natal | F |

Table 4: Summary of listed ecosystems by province

| Ecosystem | Biome | Criterion | Shared with |
|---|-----------|-----------|---|
| Eastern Cape Province | | | |
| Critically endangered | | | |
| Langkloof Shale Renosterveld (FRs 17) | Fynbos | A1 | Western Cape |
| Endangered | | | |
| Albany Alluvial Vegetation (AZa 6) | Azonal | A1 | |
| Humansdorp Shale Renosterveld (FRs 19) | Fynbos | A1 | |
| Kobonqaba Forest Complex (FOR 3) | Forest | F | |
| Mangrove Forest (FOa 3) | Forest | C | KwaZulu-Natal |
| Mount Thesiger Forest Complex (FOR 5) | Forest | F | |
| Vulnerable | | | |
| Algoa Sandstone Fynbos (FFs 29) | Fynbos | A1 | |
| Eastern Coastal Shale Band Vegetation (FFb 6) | Fynbos | A1 | Western Cape |
| Eastern Temperate Freshwater Wetlands (Azf 3) | Azonal | A1 | Northern Cape Free State North West Gauteng Mpumalanga KwaZulu-Natal |
| Garden Route Shale Fynbos (FFb 9) | Fynbos | A1 | Western Cape |
| Midlands Mistbelt Grassland (Gs 9) | Grassland | A1 | KwaZulu-Natal |
| Mthatha Moist Grassland (Gs 14) | Grassland | A1 | |
| Ngongoni Veld (SVs 4) | Savanna | A1 | KwaZulu-Natal |
| Pondoland Scarp Forest (FOz V2) | Forest | A2 | KwaZulu-Natal |
| Transkei Coastal Forest (FOz V3) | Forest | A2 | |
| Swamp Forest (FOa 2) | Forest | A2 & C | KwaZulu-Natal |

| Ecosystem | Biome | Criterion | Shared with |
|--|-------------------------------|-----------|---|
| Free State Province | | | |
| Endangered | | | |
| Vaal-Vet Sandy Grassland (Gh 10) | Grassland | A1 | North West |
| Vulnerable | | | |
| Bloemfontein Dry Grassland (Gh 5) | Grassland | A1 | |
| Eastern Free State Clay Grassland (Gm 3) | Grassland | A1 | |
| Eastern Temperate Freshwater Wetlands (Azf 3) | Azonal | A1 | Northern Cape Eastern Cape North West Gauteng Mpumalanga KwaZulu-Natal |
| Rand Highveld Grassland (Gm 11) | Grassland | A1 | Gauteng North West Mpumalanga |
| Soweto Highveld Grassland (Gm 8) | Grassland | A1 | Gauteng Mpumalanga North West |
| Vredefort Dome Granite Grassland (Gh 11) | Grassland | A1 | North West |
| | | | |
| Gauteng Province | | | |
| Critically endangered | | | |
| Blesbokspruit Highveld Grassland (GP 1) | Grassland/Savanna/ Wetland | F | |
| Boesmanspruit Highveld Grassland (GP 2) | Grassland/Wetland | F | |
| Bronberg Mountain Bushveld (GP 3) | Grassland/Savanna | F | |
| Glen Austin Pan (GP 4) | Grassland | F | |
| Klipriver Highveld Grassland (GP 5) | Grassland/Savanna/ Wetland | F | |
| Magaliesberg Pretoria Mountain Bushveld (GP 6) | Grassland/Savanna | F | |
| Rietvleiriver Highveld Grassland (GP 7) | Grassland/Wetlands | F | |
| Roodepoort Reef Mountain Bushveld (GP 8) | Grassland/Savanna | F | |
| Wilge Mountain Bushveld (GP 9) | Grassland/Savanna | F | |
| Witwatersberg Pretoria Mountain Bushveld (GP 10) | Grassland/Savanna | F | |

| Ecosystem | Biome | Criterion | Shared with |
|---|--|-----------|--|
| Endangered | | | |
| Brakfontein Reef Bushveld (GP 11) | Grassland/Savanna | F | |
| Bronkhorstspruit Highveld Grassland (GP 12) | Savanna/Grassland/Wetland | F | |
| Deneysville Highveld Grassland (GP 13) | Grassland/Savanna | F | |
| Egoli Granite Grassland (Gm 10) | Grassland | A1 | |
| Kraanspoort Mountain Bushveld (GP 14) | Grassland/Savanna | F | |
| Tsakane Clay Grassland (Gm 9) | Grassland | A1 | Mpumalanga |
| Witwatersberg Skœrpoort Mountain Bushveld (GP 15) | Grassland/Savanna | F | |
| Vulnerable | | | |
| Eastern Highveld Grassland (Gm 12) | Grassland | A1 | Mpumalanga |
| Eastern Temperate Freshwater Wetlands (Azf 3) | Azonal | A1 | Northern Cape Eastern Cape Free State North West Mpumalanga KwaZulu-Natal |
| Magaliesberg Hekpoort Mountain Bushveld (GP 16) | Grassland/Savanna/Forest | F | |
| Marikana Thornveld (SVcb 6) | Savanna | A1 | North West |
| Rand Highveld Grassland (Gm 11) | Grassland | A1 | North West Free State Mpumalanga |
| Soweto Highveld Grassland (Gm 8) | Grassland | A1 | Free State Mpumalanga North West |
| Springbokvlakte Thornveld (SVcb 15) | Savanna | A1 | Limpopo Mpumalanga North West |
| KwaZulu-Natal Province | | | |
| Critically endangered | | | |
| Blinkwater Valley (KZN 1) | Grassland/Savanna | F | |
| Durban Metropole North Coast Grassland (KZN 2) | Indian Ocean Coastal Belt/Forest | F | |
| Entumeni Valley (KZN 3) | Indian Ocean Coastal Belt/Savanna/Forest | F | |

| Ecosystem | Biome | Criterion | Shared with |
|--|---|------------------|--------------------|
| Eshowe Mtunzini Hilly Grasslands (KZN 4) | Indian Ocean Coastal Belt/ Savanna/Forest | F | |
| Highover Nature Reserve and Roselands Farm Surrounds (KZN 5) | Grassland/Savanna/ Forest | F | |
| Interior North Coast Grasslands (KZN 6) | Indian Ocean Coastal Belt/ Savanna/Forest | F | |
| Interior South Coast Grasslands (KZN 7) | Indian Ocean Coastal Belt/ Savanna/Forest | F | |
| Kwambonambi Dune Forest (KZN 8) | Indian Ocean Coastal Belt/Forest | F | |
| Kwambonambi Hygrophilous Grasslands (KZN 9) | Indian Ocean Coastal Belt/Forest | F | |
| Margate Pondoland-Ugu Sourveld (KZN 10) | Indian Ocean Coastal Belt/Forest | F | |
| Mlazi Gorge (KZN 11) | Indian Ocean Coastal Belt/Forest | F | |
| New Hanover Plateau (KZN 12) | Grassland/Savanna/ Forest | F | |
| Ngoye Scarp Forests and Grasslands (KZN 13) | Indian Ocean Coastal Belt/ Savanna/Forest | F | |
| North Coast Dune Forest (KZN 14) | Indian Ocean Coastal Belt/Forest | F | |
| North Coast Forest Collective (KZN 15) | Indian Ocean Coastal Belt/Forest | F | |
| Northern Coastal Grasslands (KZN 16) | Indian Ocean Coastal Belt/Forest | F | |
| Oakland and Townhill Ridge (KZN 17) | Grassland/Savanna/ Forest | F | |
| Southern Coastal Grasslands (KZN 18) | Indian Ocean Coastal Belt/Forest | F | |
| Umvoti Valley Complex (KZN 19) | Indian Ocean Coastal Belt/ Savanna/Forest | F | |
| Endangered | | | |
| Bazini Forest Complex (KZN 20) | Grassland/Savanna/ Forest | F | |
| Bivane Montane Grassland (KZN 21) | Grassland | F | |
| Cumberland Crest (KZN 22) | Savanna | F | |

| Ecosystem | Biome | Criterion | Shared with |
|---|---|------------------|--------------------|
| Dukuduku/St Lucia Grasslands and Forests (KZN 23) | Indian Ocean Coastal Belt/Forest | F | |
| Fort Metcalf Grasslands (KZN 24) | Grassland | F | |
| Gqunu Forest (KZN 25) | Grassland/Forest | F | |
| Greytown North Grasslands (KZN 26) | Grassland | F | |
| Hlabeni State Forest (KZN 27) | Grassland/Forest | F | |
| Hlabisa Forest Complex (FOR 2) | Forest | F | |
| Impendle Highlands (KZN 28) | Grassland/Forest | F | |
| Karkloof Forest Collective (KZN 29) | Grassland/Savanna/Forest | F | |
| KwaZulu-Natal Coastal Forest (FOz VII1) | Forest | A2 | |
| KwaZulu-Natal Sandstone Sourveld (SVs 5) | Savanna | A1 | |
| Loskop Grasslands (KZN 30) | Grassland | F | |
| Mangrove Forest (FOa 3) | Forest | C | Eastern Cape |
| Ngome Mistbelt Grassland and Forest (KZN 31) | Grassland/Savanna/Forest | F | |
| Ntimbankulu Forest (FOR 6) | Forest | F | |
| Ntunjambili Valley Complex (KZN 32) | Savanna/Grassland | F | |
| Oribi-Port Edward Pondoland-Ugu Sourveld (KZN 33) | Indian Ocean Coastal Belt/Savanna/Forest | F | |
| Pietermaritzburg South (KZN 34) | Grassland/Savanna/Forest | F | |
| Quden'i Mountain Mistbelt Forest and Grassland (KZN 35) | Grassland/Savanna/Forest | F | |
| Sihleza (KZN 36) | Grassland/Forest | F | |
| Southern Weza State Forest (KZN 37) | Grassland/Forest | F | |
| Umgeni Valley Bushveld (KZN 38) | Grassland/Savanna/Forest | F | |
| Wakkerstroom/Luneburg Grasslands (MP 11) | Grassland/Forest | F | Mpumalanga |
| Vulnerable | | | |
| Beinn Mheadmon Mountain Grasslands (KZN 39) | Grassland | F | |
| Bivane Sour Grassveld and Bushveld (KZN 40) | Grassland/Savanna | F | |
| Black Rhino Range (KZN 41) | Indian Ocean Coastal Belt/ Savanna/Forest | F | |

| Ecosystem | Biome | Criterion | Shared with |
|---|------------------------------|------------------|--|
| Boschhoek Forests (KZN 42) | Grassland/Forest | F | |
| Boschhoek Plateau (KZN 43) | Grassland/Forest | F | |
| Bushmans Nek/Garden Castle Lowlands (KZN 44) | Grassland | F | |
| Chelmsford Grasslands (KZN 45) | Grassland | F | |
| Chelmsford North Grasslands (KZN 46) | Grassland/Savanna | F | |
| Drakensberg Foothill Wattled Crane Habitat (KZN 47) | Grassland/Forest | F | |
| Easingwold Grasslands (KZN 48) | Grassland/Forest | F | |
| Eastern Creighton and Donnybrook (KZN 49) | Grassland/Savanna | F | |
| Eastern Scarp Forest (FOz V1) | Forest | A2 | |
| Eastern Temperate Freshwater Wetlands (Azf 3) | Azonal | A1 | Northern Cape Eastern Cape Free State North West Gauteng Mpumalanga |
| Eastlands (KZN 50) | Grassland/Savanna | F | |
| eMondlo Sandy Moist Grassland (KZN 51) | Grassland | F | |
| Fort Nottingham Lowland Grasslands (KZN 52) | Grassland/Forest | F | |
| Glen Cairn Valley (KZN 53) | Grassland/Savanna | F | |
| Gold Cliff Farm Surrounds (KZN 54) | Grassland/Savanna | F | |
| Harding East (KZN 55) | Savanna | F | |
| Harding West (KZN 56) | Grassland | F | |
| Himeville Lowlands and Ridge (KZN 57) | Grassland | F | |
| Hluhluwe Scarp Forest (KZN 58) | Grassland/Savanna/ Forest | F | |
| Imfolosi Savanna and Sourveld (KZN 59) | Grassland/Savanna | F | |
| Impendle Lowland Grasslands (KZN 60) | Grassland/Forest | F | |
| Ixopo Surrounds (KZN 61) | Grassland/Savanna | F | |
| KaNgwane Montane Grassland (Gm 16) | Grassland | A1 | Mpumalanga |
| Kromberg Plateau (KZN 62) | Grassland/Savanna/ Forest | F | |
| KwaMncane North Plateau (KZN 63) | Grassland/Forest | F | |

| Ecosystem | Biome | Criterion | Shared with |
|---|---------------------------|------------------|--------------------|
| KwaZulu-Natal Coastal Belt (CB 3) | Indian Ocean Coastal Belt | A1 | |
| Lebombo Scarp Forest (KZN 64) | Grassland/Savanna/Forest | F | |
| Lebombo Summit Sourveld (SVI 17) | Savanna | A1 | Mpumalanga |
| Louwsberg Mistbelt Grassland (KZN 65) | Grassland/Forest | F | |
| Low Escarpment Mistbelt Forest (FOz II4) | Forest | A2 | Mpumalanga |
| Lowveld Riverine Forest (FOa 1) | Forest | A2 | Mpumalanga Limpopo |
| Majuba Mistbelt Forest and Moist Grassland (KZN 66) | Grassland/Forest | F | |
| Maputaland Wooded Grassland (CB 2) | Indian Ocean Coastal Belt | A1 | |
| Marwaqa (KZN 67) | Grassland/Forest | F | |
| Michaelhouse Grasslands (KZN 68) | Grassland/Forest | F | |
| Midlands Mistbelt Grassland (Gs 9) | Grassland | A1 | Eastern Cape |
| Midmar Valley (KZN 69) | Grassland | F | |
| Mount Gilboa Plateau (KZN 70) | Grassland/Forest | F | |
| Mount MacDonald Ridge and Wetlands (KZN 71) | Grassland | F | |
| New Amalfi Wetlands (KZN 72) | Grassland | F | |
| Ngongoni Veld (SVs 4) | Savanna | A1 | Eastern Cape |
| Nkandla Forests and Grasslands (KZN 73) | Grassland/Forest | F | |
| Nkunzi/Sundays River Grasslands (KZN 74) | Grassland/Forest | F | |
| Northern Qudenii Mistbelt Grasslands (KZN 75) | Grassland | F | |
| Ntsikeni Vlei (KZN 76) | Grassland/Forest | F | |
| Oakspring Valley (KZN 77) | Grassland | F | |
| Paulpietersburg Moist Grassland (Gm 15) | Grassland | A1 | Mpumalanga |
| Pondoland Scarp Forest (FOz V2) | Forest | A2 | Eastern Cape |
| Pudsey/Otterburn Wetlands (KZN 78) | Grassland | F | |
| Sherwood Forest Collective (KZN 79) | Grassland/Forest | F | |
| Swamp Forest (FOa 2) | Forest | A2 & C | Eastern Cape |
| Swartberg/Franklin Vlei/Kokstad Ridge and Wetlands (KZN 80) | Grassland/Forest | E | |

| Ecosystem | Biome | Criterion | Shared with |
|---|-------------------------------------|------------------|-------------------------------------|
| Umvoti Vlei and Surrounds (KZN 81) | Grassland/Indian Ocean Coastal Belt | F | |
| Uyskop Valley (KZN 82) | Grassland | F | |
| Vaalkop Headlands (KZN 83) | Grassland/Savanna | F | |
| Warley Commons (KZN 84) | Grassland/Savanna | F | |
| | | | |
| Limpopo Province | | | |
| Critically endangered | | | |
| Woodbush Granite Grassland (Gm 25) | Grassland | A1 | |
| Endangered | | | |
| Blouberg Forest (FOR 1) | Forest | F | |
| Malmani Karstlands (MP 5) | Grassland/Savanna/Forest | F | Mpumalanga |
| Mapungubwe/Greefswald Riverine Forest (FOR 4) | Forest | F | |
| Sekhukhune Mountainlands (MP 9) | Grassland/Savanna | F | Mpumalanga |
| Sekhukune Norite Bushveld (LP 1) | Savanna | F | |
| Vulnerable | | | |
| Legogote Sour Bushveld (SVI 9) | Savanna | A1 | Mpumalanga |
| Lowveld Riverine Forest (FOa 1) | Forest | A2 | Mpumalanga KwaZulu-Natal |
| Springbokvlakte Thornveld (SVcb 15) | Savanna | A1 | Gauteng Mpumalanga North West |
| Tzaneen Sour Bushveld (SVI 8) | Savanna | A1 | Mpumalanga |
| | | | |
| Mpumalanga Province | | | |
| Critically endangered | | | |
| Kaapsehoop Quartzite Grasslands (MP 1) | Grassland/Forest | F | |
| Endangered | | | |
| Blyde Quartzite Grasslands (MP 2) | Grassland/Forest | F | |
| Chrissiesmeer Panveld (MP 3) | Grassland/Wetland | F | |
| Dullstroom Plateau Grasslands (MP 4) | Grassland/Forest | F | |
| Malmani Karstlands (MP 5) | Grassland/Savanna/Forest | F | Limpopo |
| Mananga-Lebombo Thornveld (MP 6) | Savanna/Forest | F | |
| Mauchesburg Alpine Grasslands (MP 7) | Grassland/Forest | F | |

| Ecosystem | Biome | Criterion | Shared with |
|--|--------------------------|------------------|---|
| Noordkaap Greenstone Bushveld (MP 8) | Savanna | F | |
| Sekhukhune Mountainlands (MP 9) | Grassland/Savanna | F | Limpopo |
| Stoffberg Mountainlands (MP 10) | Grassland | F | |
| Tsakane Clay Grassland (Gm 9) | Grassland | A1 | Gauteng |
| Wakkerstroom/Luneburg Grasslands (MP11) | Grassland/Forest | F | KwaZulu-Natal |
| Vulnerable | | | |
| Badplaas Mountainlands (MP 12) | Grassland/Savanna/Forest | F | |
| Barberton Mountainlands (MP 13) | Grassland/Savanna/Forest | F | |
| Croc Gorge Granite Mountainlands (MP 14) | Savanna/Forest | F | |
| Eastern Highveld Grassland (Gm 12) | Grassland | A1 | Gauteng |
| Eastern Temperate Freshwater Wetlands (Azf 3) | Azonal | A1 | Northern Cape Eastern Cape Free State North West Gauteng KwaZulu-Natal |
| Elandshoek Summit Grasslands (MP 15) | Grassland | F | |
| Elandshoogte Mountainlands (MP 16) | Grassland/Savanna/Forest | F | |
| Kaalrug Mountainlands (MP 17) | Grassland/Savanna/Forest | F | |
| KaNgwane Montane Grassland (Gm 16) | Grassland | A1 | KwaZulu-Natal |
| Lebombo Summit Sourveld (SVI 17) | Savanna | A1 | KwaZulu-Natal |
| Legogote Sour Bushveld (SVI 9) | Savanna | A1 | Limpopo |
| Loskop Mountainlands (MP 18) | Grassland/Savanna | F | |
| Low Escarpment Mistbelt Forest (FOz II4) | Forest | A2 | KwaZulu-Natal |
| Lowveld Riverine Forest (FOa 1) | Forest | A2 | KwaZulu-Natal Limpopo |
| Northern Escarpment Dolomite Grassland (Gm 22) | Grassland | A1 | |
| Paulpietersburg Moist Grassland (Gm 15) | Grassland | A1 | KwaZulu-Natal |
| Rand Highveld Grassland (Gm 11) | Grassland | A1 | Gauteng North West Free State |

| Ecosystem | Biome | Criterion | Shared with |
|---|--------------|------------------|---|
| Soweto Highveld Grassland (Gm 8) | Grassland | A1 | Gauteng Free State North West |
| Springbokvlakte Thornveld (SVcb 15) | Savanna | A1 | Limpopo Gauteng North West |
| Tzaneen Sour Bushveld (SVI 8) | Savanna | A1 | Limpopo |
| North West Province | | | |
| Critically endangered | | | |
| Western Highveld Sandy Grassland (Gh 14) | Grassland | A1 | |
| Endangered | | | |
| Vaal-Vet Sandy Grassland (Gh 10) | Grassland | A1 | Free State |
| Vulnerable | | | |
| Eastern Temperate Freshwater Wetlands (Azf 3) | Azonal | A1 | Northern Cape Eastern Cape Free State Gauteng Mpumalanga KwaZulu-Natal |
| Mafikeng Bushveld (SVk 1) | Savanna | A1 | |
| Marikana Thornveld (SVcb 6) | Savanna | A1 | Gauteng |
| Rand Highveld Grassland (Gm 11) | Grassland | A1 | Gauteng Free State Mpumalanga |
| Schweizer-Reneke Bushveld (SVk 3) | Savanna | A1 | |
| Soweto Highveld Grassland (Gm 8) | Grassland | A1 | Free State Mpumalanga Gauteng |
| Springbokvlakte Thornveld (SVcb 15) | Savanna | A1 | Limpopo Gauteng Mpumalanga |
| Vredefort Dome Granite Grassland (Gh 11) | Grassland | A1 | Free State |
| Northern Cape Province | | | |
| Endangered | | | |
| Cape Vernal Pools (AZf 2) | Azonal | A1 | Western Cape |
| Lower Gariep Alluvial Vegetation (AZa 3) | Azonal | A1 | |

| Ecosystem | Biome | Criterion | Shared with |
|---|--------|-----------|--|
| Vulnerable | | | |
| Bokkeveld Sandstone Fynbos (FFs 1) | Fynbos | D1 | Western Cape |
| Eastern Temperate Freshwater Wetlands (Azf 3) | Azonal | A1 | Eastern Cape Free State North West Gauteng Mpumalanga KwaZulu-Natal |
| Namib Seashore Vegetation (AZd 1) | Azonal | A1 | |
| Nieuwoudtville Shale Renosterveld (FRs 2) | Fynbos | A1 | |
| | | | |
| Western Cape Province | | | |
| Critically endangered | | | |
| Atlantis Sand Fynbos (FFd 4) | Fynbos | D1 | |
| Cape Flats Sand Fynbos (FFd 5) | Fynbos | A1 & D1 | |
| Cape Lowland Alluvial Vegetation (AZa 2) | Azonal | A1 | |
| Central Rūens Shale Renosterveld (FRs 12) | Fynbos | A1 | |
| Eastern Rūens Shale Renosterveld (FRs 13) | Fynbos | A1 | |
| Elgin Shale Fynbos (FFh 6) | Fynbos | A1 | |
| Elim Ferricrete Fynbos (FFf 1) | Fynbos | A1 | |
| Knysna Sand Fynbos (FFd 10) | Fynbos | A1 | |
| Kogelberg Sandstone Fynbos (FFs 11) | Fynbos | D1 | |
| Langkloof Shale Renosterveld (FRs 17) | Fynbos | A1 | Eastern Cape |
| Lourensford Alluvium Fynbos (FFa 4) | Fynbos | A1 | |
| Muscadel Riviere (AZi 8) | Azonal | A1 | |
| Overberg Sandstone Fynbos (FFs 12) | Fynbos | D1 | |
| Peninsula Granite Fynbos (FFg 3) | Fynbos | A1 | |
| Peninsula Shale Renosterveld (FRs 10) | Fynbos | A1 | |
| Rūens Silcrete Renosterveld (FRc 2) | Fynbos | A1 | |
| Swartland Alluvium Fynbos (FFa 3) | Fynbos | A1 | |
| Swartland Granite Renosterveld (FRg 2) | Fynbos | A1 & D1 | |
| Swartland Shale Renosterveld (FRs 9) | Fynbos | A1 & D1 | |
| Swartland Silcrete Renosterveld (FRc 1) | Fynbos | A1 | |
| Western Rūens Shale Renosterveld (FRs 11) | Fynbos | A1 | |

| Ecosystem | Biome | Criterion | Shared with |
|---|-----------------|-----------|---------------|
| Endangered | | | |
| Agulhas Sand Fynbos (FFd 7) | Fynbos | A1 | |
| Breede Alluvium Fynbos (FFa 2) | Fynbos | A1 | |
| Cape Flats Dune Strandveld (FS 6) | Fynbos | D1 | |
| Cape Vernal Pools (AZf 2) | Azonal | A1 | Northern Cape |
| Garden Route Granite Fynbos (FFg 5) | Fynbos | A1 | |
| Greyton Shale Fynbos (FFh 7) | Fynbos | A1 | |
| Groot Brak Dune Strandveld (FS 9) | Fynbos | A1 | |
| Hangklip Sand Fynbos (FFd 6) | Fynbos | A1 | |
| Kouebokkeveld Alluvium Fynbos (FFa 1) | Fynbos | A1 | |
| Mossel Bay Shale Renosterveld (FRs 14) | Fynbos | A1 | |
| Peninsula Sandstone Fynbos (FFs 9) | Fynbos | D1 | |
| Potberg Ferricrete Fynbos (FFf 2) | Fynbos | A1 | |
| Saldanha Granite Strandveld (FS 2) | Fynbos | A1 | |
| Western Cape Milkwood Forest (FOz VI3) | Forest | C | |
| Vulnerable | | | |
| Agulhas Limestone Fynbos (FFl 1) | Fynbos | D1 | |
| Albertinia Sand Fynbos (FFd 9) | Fynbos | A1 | |
| Bokkeveld Sandstone Fynbos (FFs 1) | Fynbos | D1 | Northern Cape |
| Boland Granite Fynbos (FFg 2) | Fynbos | D1 | |
| Breede Alluvium Renosterveld (FRa 1) | Fynbos | A1 | |
| Breede Sand Fynbos (FFd 8) | Fynbos | A1 | |
| Cape Winelands Shale Fynbos (FFh 5) | Fynbos | A1 | |
| Cederberg Sandstone Fynbos (FFs 4) | Fynbos | D1 | |
| Ceres Shale Renosterveld (FRs 4) | Fynbos | A1 | |
| Eastern Coastal Shale Band Vegetation (FFb 6) | Fynbos | A1 | Eastern Cape |
| Eastern Little Karoo (SKv 11) | Succulent Karoo | A1 | |
| Garden Route Shale Fynbos (FFb 9) | Fynbos | A1 | Eastern Cape |
| Hawequas Sandstone Fynbos (FFs 10) | Fynbos | D1 | |
| Hopefield Sand Fynbos (FFd 3) | Fynbos | A1 & D1 | |
| Kango Limestone Renosterveld (FRI 1) | Fynbos | A1 | |
| Kouebokkeveld Shale Fynbos (FFh 1) | Fynbos | A1 | |
| Leipoldtville Sand Fynbos (FFd 2) | Fynbos | A1 & D1 | |
| Montagu Shale Renosterveld (FRs 7) | Fynbos | A1 | |

| Ecosystem | Biome | Criterion | Shared with |
|--|-----------------|------------------|--------------------|
| Piketberg Quartz Succulent Shrubland (SKk 8) | Succulent Karoo | A1 | |
| Piketberg Sandstone Fynbos (FFs 6) | Fynbos | D1 | |
| Saldanha Flats Strandveld (FS 3) | Fynbos | A1 | |
| Swartland Alluvium Renosterveld (FRa 2) | Fynbos | A1 | |
| Swellendam Silcrete Fynbos (FFc 1) | Fynbos | A1 | |

7 Descriptions and maps of individual listed ecosystems

7.1 Explanation of descriptions

For each ecosystem, the following information is given: its **name**, **reference number**, the **criterion** or criteria under which the ecosystem is listed, and the **biome(s)**, **province(s)** and **municipality(ies)** in which the ecosystem falls. Where possible the **original area** of the ecosystem is provided (for forest ecosystems this data is not available) together with the percentage of **natural area remaining** of the ecosystem and the proportion of the ecosystem **protected** (expressed as a percentage of the ecosystem's original area).

If data is available the known number of **species of special concern** is provided including threatened Red List plant (EX, EW, CR, EN and VU, excluding VU D2) and animal species; Orange Listed plant and animal species²⁴; and endemic plant and animal species. However the species of special concern listed for each ecosystem are not comprehensive and names of species threatened by collection or trade have not been included.

The **geographical location** and a **brief description** are provided for each ecosystem. Other **information**, such as the names of protected areas in which parts of the ecosystem are protected, is provided where possible.

Finally references are provided for further information. For ecosystems listed under Criterion A1, A2, C and D1 the National Vegetation Map²⁵ and the classification system for South African forests²⁶ was used to obtain the information relating to the geographical location and the description. For ecosystems listed under Criterion F the information was obtained from the relevant provincial systematic biodiversity plans, namely the Mpumalanga Biodiversity Conservation Plan (2007), the Gauteng C-Plan V2 (2006), and the KwaZulu-Natal Terrestrial

²⁴ Victor, J. & Keith, M. The Orange List: a safety net for biodiversity in South Africa. *South African Journal of Science* 100: 139 – 141. Orange-listed species were used in the Gauteng C-Plan V2 (2006) and are referred to in the descriptions of individual ecosystems identified using Criterion F in Gauteng.

²⁵ Mucina, L. & Rutherford, M.C. (eds). 2006. The Vegetation of South Africa, Lesotho and Swaziland. *Strelitzia* 19. South African National Biodiversity Institute, Pretoria.

²⁶ Von Maltitz, G., Mucina, L., Geldenhuys, C., Lawes, M., Eeley, H., Adie, H., Vink, D., Flemming, G. and Bailey, C. 2003. Classification system for South African Indigenous Forests. An objective classification for the Department of Water Affairs and Forestry. Environmentek Report ENV-P-C 2003-017, CSIR, Pretoria.

Conservation Plan (C-Plan) V4 (2007); the National Forest Inventory²⁷ and the forest systematic conservation plan²⁸.

²⁷ Department of Water Affairs and Forestry. National Forest Inventory.

²⁸ Berliner, D., van der Merwe, I.J., Benn, D. & Rouget, M. 2006. Systematic conservation planning for the Forest Biome of South Africa: Approach, methods and results used for the selection of priority forests. Unpublished report for the Department of Water Affairs and Forestry.

7.2 Critically Endangered (CR) ecosystems

1. Atlantis Sand Fynbos (FFd 4)

| | |
|--|--|
| Reference number | FFd 4 |
| Listed under Criterion | D1 |
| Biome | Fynbos |
| Province | Western Cape |
| Municipalities | City of Cape Town MM, Swartland LM and Drakenstein LM |
| Original area of ecosystem | 70 000 ha |
| Remaining natural area of ecosystem (%) | 51% |
| Proportion of ecosystem protected | 6% of original area |
| Known number of species of special concern | 84 Red Data plant species (EX, EW, CR, EN & VU excl VU D2) and 6 endemic plant species |

Geographical location

Rondeberg to Blouberg on the West Coast coastal flats; along the Groen River on the eastern side of the Dassenberg-Darling Hills through Riverlands to the area between Atlantis and Kalbaskraal, also between Klipheuwel and the Paardeberg with outliers west of the Berg River and east and north of Riebeek-Kasteel between Hermon and Heuningberg.

Description

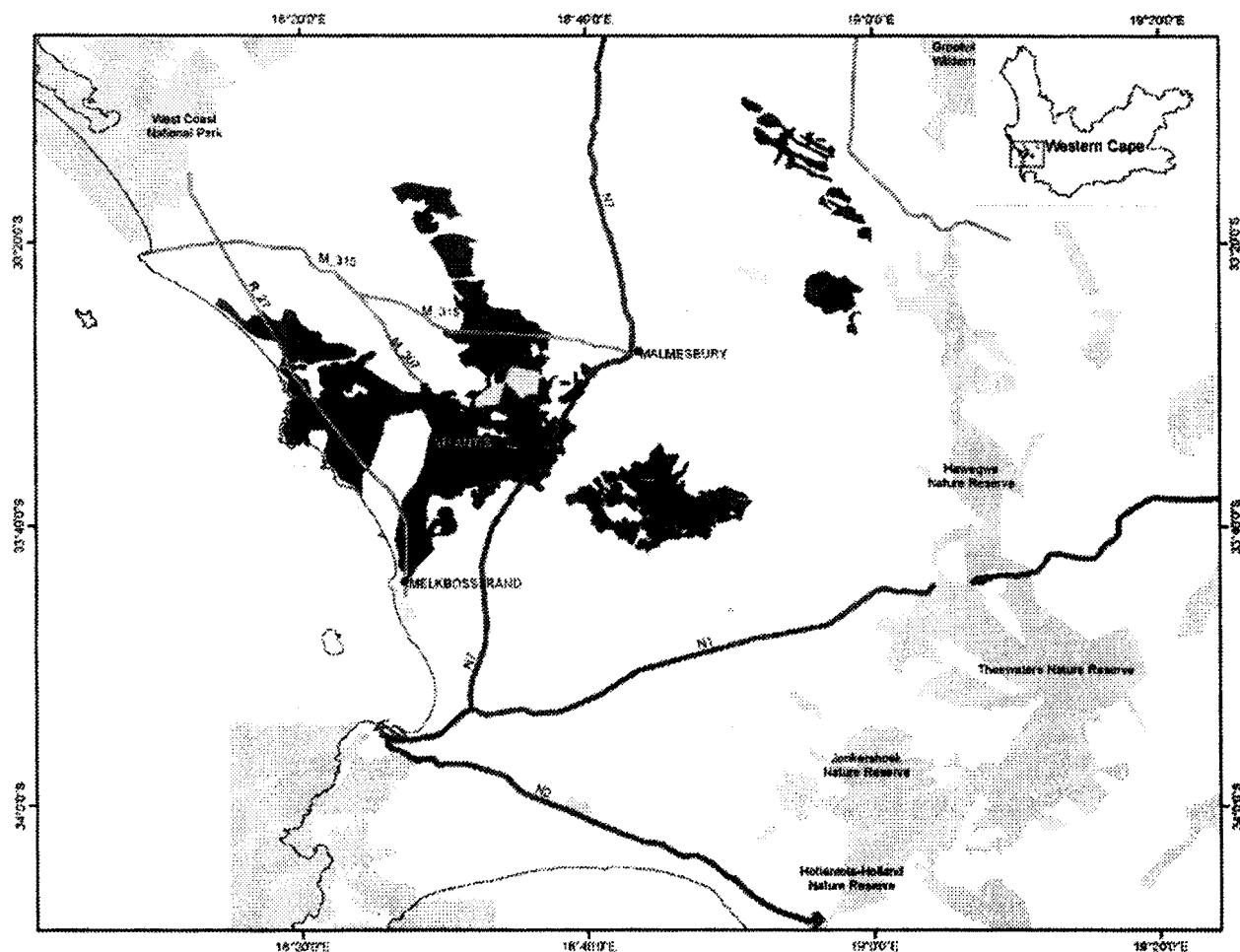
Moderately undulating to flat sand plains with a dense, moderately tall, ericoid shrubland dotted with emergent, tall sclerophyllous shrubs and an open, short restioid stratum. Restioid and proteoid fynbos are dominant, with asteraceous fynbos and patches of ericaceous fynbos in seepages. Boundaries are edaphically determined; and within sand fynbos are delimited by endemic species, and loss of species compared to south. At least six endemic species and 84 Red Data List plant species occur in the ecosystem.

Other information

Approximately 6% of the ecosystem is protected in Riverlands Nature Reserve, Paardenberg and the Pella Research Site. The Pella portion of the Riverlands area was well studied in the 1980s and potentially is a long-term monitoring site.

Reference

Rebelo, A.G., Boucher, C., Helme, N., Mucina, L., & Rutherford, M.C. et al. 2006. Fynbos Biome. In: L. Mucina & M.C. Rutherford (eds). The Vegetation of South Africa, Lesotho and Swaziland. *Strelitzia* 19: 139. South African National Biodiversity Institute, Pretoria.



Location of Atlantis Sand Fynbos showing original area of ecosystem

2. Blesbokspruit Highveld Grassland (GP 1)

| | |
|--|--|
| Reference number | GP 1 |
| Listed under Criterion | F |
| Biome | Grassland, Savanna and Wetland |
| Province | Gauteng |
| Municipalities | Ekurhuleni MM, Kungwini LM, Lesedi LM and Midvaal LM |
| Original area of ecosystem | 94 000 ha |
| Remaining natural area of ecosystem (%) | 85% |
| Proportion of ecosystem protected | 1% of original area |
| Known number of species of special concern | 26 threatened or endemic plant and animal species including those listed below |

Geographical location

East Rand of Gauteng including Endicott, Springs, and Benoni (2628BC, 2628AD, and 2628AB respectively). Ecosystem delineated by the Blesbokspruit and its tributaries together with associated wetlands and pans.

Description

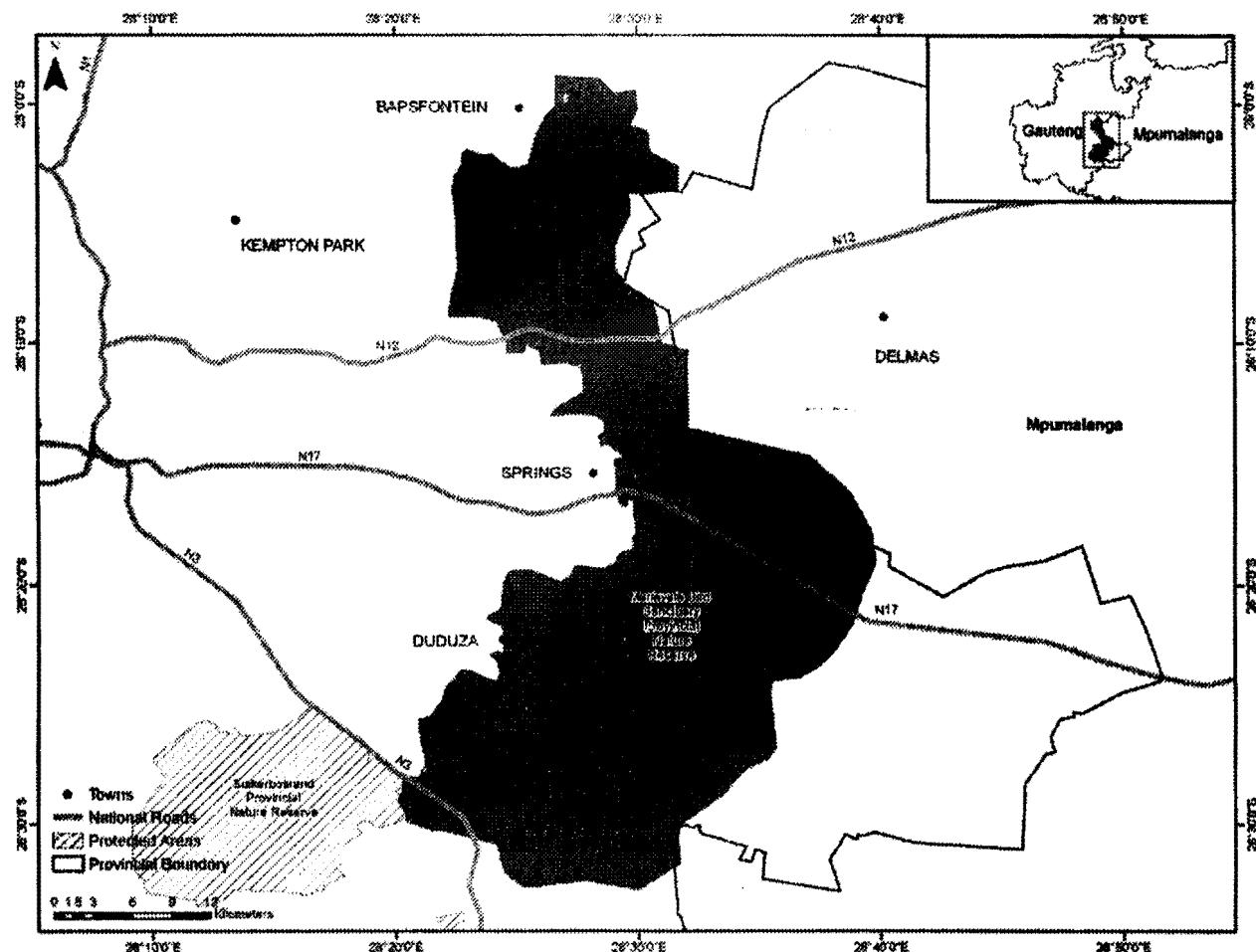
Key biodiversity features include Red or Orange Listed plants for example *Delosperma leendertziae* and *Khadia beswickii*; Red or Orange Listed mammals for example the Spotted-necked Otter and Brown Hyena; Red or Orange Listed birds for example the African Grass-Owl, Greater Flamingo, Lesser Flamingo, African Marsh-Harrier, Secretarybird, Yellow-billed Stork, Caspian Tern, Melodious Lark, Lesser Kestrel, White-bellied Korhaan, and Corncrake; Red or Orange Listed amphibians for example the Giant Bullfrog; Red or Orange Listed or priority invertebrates for example the Heidelberg Copper Butterfly, and the Golden Starburst Baboon Spider; and seven vegetation types including Andesite Mountain Bushveld, Eastern Highveld Grassland, Eastern Temperate Freshwater Wetlands, Gold Reef Mountain Bushveld, Rand Highveld Grassland, Soweto Highveld Grassland and Tsakane Clay Grassland. River, wetlands and pans in the ecosystem include the Blesbokspruit, Klein-Blesbokspruit, Verdrietlaagte, Karringmelkpan, Riet Pan, Spaarwater Pan, University Pan, Varkfontein Pan, and various other unnamed wetlands and pans.

Other Information

Approximately 1% of the ecosystem is protected in the Marlevale Bird Sanctuary.

Reference

Gauteng C-Plan Version 2. 2006. Gauteng Department of Agriculture, Conservation and Environment.



Location of Blesbokspruit Highveld Grassland showing original area of ecosystem

3. Blinkwater Valley (KZN 1)

| | |
|--|--|
| Reference number | KZN 1 |
| Listed under Criterion | F |
| Biome | Grassland and Savanna |
| Province | KwaZulu-Natal |
| Municipality | uMshwathi LM |
| Original area of ecosystem | 2 000 ha |
| Remaining natural area of ecosystem (%) | 8% |
| Proportion of ecosystem protected | 0% of original area |
| Known number of species of special concern | 2 threatened or endemic plant or animal species including those listed below |

Geographical location

Albert Falls (2930AD). Ecosystem restricted mainly to one valley bottom. Ecosystem delineated by the Karkloof Forest Collective threatened ecosystem (KZN 29) in the west. The northern and eastern boundaries delineated by the lowermost contour of the surrounding slopes, whilst the southern boundary follows a common contour from the east to west boundaries.

Description

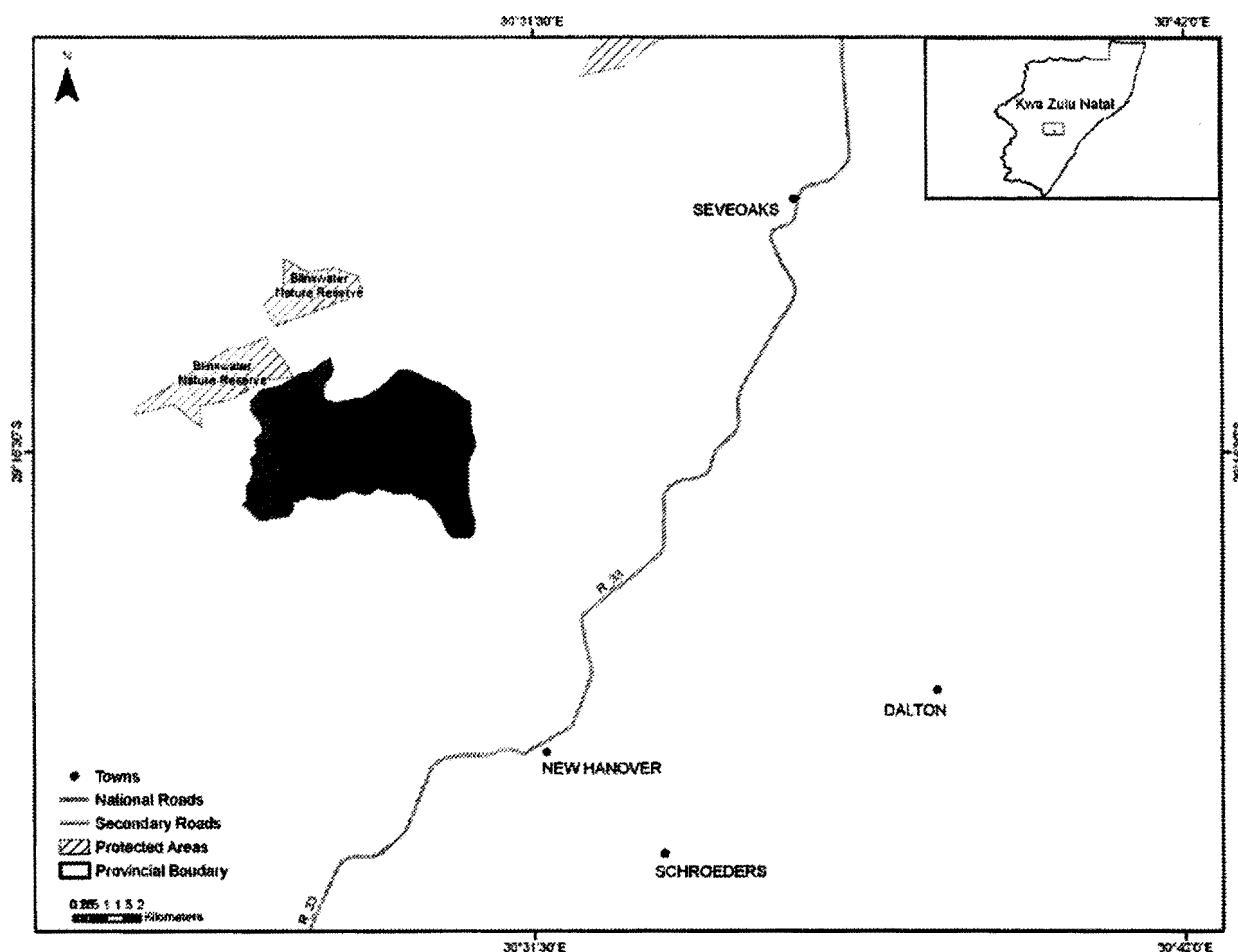
Key biodiversity features include one bird species, the Wattled Crane; one millipede species, *Doratogonus montanus*; one plant species, *Senecio exuberans*; and two vegetation types including Midlands Mistbelt Grassland and Ngongoni Veld.

Other information

The ecosystem is not protected.

Reference

Goodman, P.S. 2007. KwaZulu-Natal Terrestrial Conservation Plan (C-Plan), Version 4. Biodiversity Conservation Planning Division, Ezemvelo KZN Wildlife.



Location of Blinkwater Valley showing original area of ecosystem

4. Boesmanspruit Highveld Grassland (GP 2)

| | |
|--|--|
| Reference number | GP 2 |
| Listed under Criterion | F |
| Biome | Grassland and Wetland |
| Province | Gauteng |
| Municipality | Lesedi LM |
| Original area of ecosystem | 42 000 ha |
| Remaining natural area of ecosystem (%) | 99% |
| Proportion of ecosystem protected | 0% of original area |
| Known number of species of special concern | 14 threatened or endemic plant and animal species including those listed below |

Geographical location

East Rand of Gauteng, including Endicott and Leslie (2628BC and 2628 BD respectively).

Ecosystem delineated by the Boesmanspruit and its tributaries together with associated wetlands and pans and the quaternary catchment.

Description

Key biodiversity features include Red or Orange Listed plants for example *Nerine gracilis* and *Kniphofia typhoides*; Red or Orange Listed birds for example Secretarybird, African Grass-Owl, Greater Flamingo, Black-Winged Pratincole, Black Stork and Blue Crane; Red or Orange Listed amphibians for example the Giant Bullfrog; and two vegetation types including Eastern Temperate Freshwater Wetlands and Soweto Highveld Grassland. Rivers, wetlands and pans in the ecosystem include the Suikerbosrandrivier, Boesmanspruit, Die Leeufontein, Klippan, Skilpadpan and various other unnamed wetlands and pans.

Other information

The ecosystem is not protected.