February 2011

BIO-PHYSICAL SPECIALIST REPORT

*PROPOSED CAMDEN – MBEWU 765 KV POWER LINE: BIOPHYSICAL SPECIALIST STUDIES*

**Proponent:** Eskom Holdings Limited

**Prepared by:** Zitholele Consulting

# DRAFT BIOPHYSICAL REPORT

Project 12619

# PURPOSE OF THIS DOCUMENT

Eskom is the South African utility that generates, transmits and distributes electricity. Eskom supplies about 95% of the country's electricity, and about 60% of the total electricity consumed in Africa. Eskom plays a major role in accelerating growth in the South African economy by providing a high-quality supply of electricity.

Eskom is in the process of undertaking major infrastructure investments, including the construction of substations and new transmission power lines. The transmission network supplying electricity to KwaZulu-Natal requires strengthening to meet the growing demand in this province and to improve service quality and reliability.

To address this situation Eskom wants to construct a number of new transmission lines, linking its main generating facilities in Mpumalanga with demand centres in KwaZulu-Natal. The strengthening of the electricity network entails the phased construction of various 765kV transmission lines across the country in the near future. The construction of a 765kV power line is a listed activity in terms of Section 24(5) of the National Environmental Management Act (NEMA), Act No 107 of 1998, as amended, and therefore requires environmental authorisation from the Department of Environmental Affairs (DEA).

Eskom Transmission has appointed Zitholele Consulting (Pty) Ltd, an independent company, to conduct an Environmental Impact Assessment (EIA) to evaluate the potential environmental and social impacts of the proposed project. As part of the EIA several specialist studies have to be undertaken. This report details the findings of the biophysical specialist assessments including surface water, soils and land capability, terrestrial ecology and the visual impact.

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# 1 INTRODUCTION

## 1.1 Project Background

Eskom's Transmission network supplying electricity to the KwaZulu Natal Province requires strengthening to meet the growing demand and to improve service quality and reliability. To address this situation and to meet the projected future electricity demand, Eskom undertook to strengthen its Transmission network by constructing a number of new transmission lines, linking its main generating facilities in the Mpumalanga Province with demand centres in the KwaZulu Natal Province.

Strengthening of the network entails the phased construction of 765kV transmission lines into the Empangeni and Pinetown Customer Load Centres. The proposed power line will be constructed between Camden (Ermelo, Mpumalanga) and Mbewu (Theta) in KwaZulu Natal.

The Environmental Impact Assessment (EIA) alternatives comprise several loop-in and loop-out corridors in an interconnected grid. The reason for these alternatives is to avoid environmental and social sensitivities and technical constraints identified during a high-level assessment. The alternatives are discussed by means of alphabetic representation for each alternative intersection (please refer to Figure 1-1). Three main alternative routes were identified.

### 1.1.1 Alternative 1 (AB, BC, CD, DE, EF2, FG, GH, HI, IJ)

Alternative 1 commences at the Camden Power Station (**Point A**) located approximately 15 km south east of Ermelo, Mpumalanga. The alternative heads in a south south westerly (SSW) direction along alignment **AB,** transects the *Vaal River* approximately 10 km from the Camden Power Station, then transectsthe *Klein-Vaal River* a further 10 km (SSW??) and the continues for a further 10 km (**Point B**). Thereafter the alternative continues in a SSW direction along alignment **BC** for approximately 50km, transecting the *Wielspruit* and a *tributary of the Sandspruit*, before crossing over the provincial border into KwaZulu Natal.

On entering the KwaZulu Natal province the alternative changes direction and curves in a south easterly direction for approximately 50km to **Point C** (approximately 30km south of Wakkerstroom). This portion of alignment BC spans over the *Slang River* and a tributary of the *Buffelspruit*.

The alternative then continues in a southerly direction along alignment **CD** towards Claremont for approximately 15 km (crosses over the R34) and then turns in a south easterly direction (the turn occurs as the alignment spans the *Dorspruit*) for approximately 30km to **Point D**. The alternative then follows alignment **DE** crossing over the R33 and *Bloed River* and after approximately 40km reaches **Point E**, located approximately 10km south west of Ermondlo.

For alternative 1, the alternative follows alignment **EF2**. **EF2** is approximately 15km in length and meets **Point F** after spanning across the *Jojosi River*. The alignment continues in a south easterly direction along alignment **FG** spanning over the *Nondweni* and *Ntinini Rivers.*

Alignment **GH** diverts the alternative in southerly direction in order to avoid the protect nature conservation area located to the south east of Babanango. Alignment **GH** is approximately 60km in length and spanning over both the *Mhlatuze* and *Mefule Rivers*. **GH** runs parallel to the existing R68 road.

The alternative then turns southwards along alignment **HI** for approximately 15 km before turning in an easterly direction, crossing the R68 again and the R38 to **Point I**. The last portion of the alternative is **IJ**. Segment **IJ** is approximately 35 km in length depending on the approved location of the Mbewu (Theta) substation (environmental authorisation is still pending for the substation). Alignment **IJ** spans over the confluence of the *Mefule* and *Mhlatuze Rivers*.

Variation Link BK

Variation link **BK** is provided as an alternative link to **BC**. This alignment is one of the least favourable alignments as it crosses over many sensitive areas such as: the Baltrasna proposed conservancy, irreplaceable flora, the Langfontein, Kombewaria, Outhoutdraai Ossewaaikop protected areas, Outhoutdraai, Wakkerstroom town and the Wakkerstroom Nature Reserve. The alignment is 55km in length of which 20km is located in sensitive areas.

Variation Link KC

Variation link **KC** is dependent on **BK** being the preferred alternative. Should BK not be the preferred alternative **KC** is not feasible as there is no route from **KC** north to the Camden Power Station other than link **BC**.

**KC** is 20 km in length and heads in a SSW direction close to Groenvlei. This variation link traverses many wetland and sensitive water bodies.

Variation Link KD

Variation link **KD** spans the Slang and Dorpsruit Rivers and several water bodies. The link is approximately 60 km in length and heads in a predominantly south east direction. The link crosses the R34 before meeting up with **Point D.**

Variation Link EF1

The purpose of link **EF1** is to avoid the steep topography at **EF2**. **EF1** is approximately 20 km (5km longer than **EF1** and loops to the west of **EF2**).

Variation Link GLH

Variation link **GLH** is designed to divert to the north of Babanango and then turn in a south easterly direction towards **Point H**. **GLH** is 55km in length and crosses through a protected area for approximately 15km. The link also spans over the Mpembeni and Mfule Rivers as well as over an arterial road, the R68 and R34 and through Melmoth.

### 1.1.2 Alternative 2 (AM, MN, NL, LH, HI, IJ)

Alternative 2 commences at the Camden Power Station (**Point A**) located approximately 15 km south east of Ermelo, Mpumalanga. The alternative heads in a south easterly direction along alignment **AM** for approximately 135km spanning the *Vaal River, Sandspruit, Ngwempisi River, Hlelo River, Assegaai River, Boesmanspruit, Ntombe, and Pongolo Rivers*. Segment **AM** additionally traverses through the Ngwempisi protected area however it diverts to the east of the Mhlangmpisi and Rooikraal protected areas avoiding these sensitive areas.

Thereafter the alternative crosses the Mpumalanga-KwaZulu Natal provincial boundary and the *Pongola River*, before meeting **Point P** located approximately 10 km south east of Paulpietersburg. The alternative then follows alignment **MN** in a south easterly direction for approximately 60km, spanning over the *Bivana, Manzana, Ishoba Rivers* and several wetland areas. Alignment **MN** is located approximately 10 km to the east of Vryheid, and slightly to the east of Gluckstadt.

From **Point N**, alternative 2 heads in a southerly direction for approximately 40km towards Babanango along alignment **NL**. Alignment **NL** spans the *Wit Mfolozi River* towards **Point L**. Thereafter the alternative follows alignment **LH**. **LH** spans through various environmentally sensitive areas such as: a protected area, the *Mpembeni River* the *Mefule River*, the R68 and R34. The alternative then follows **HIJ** as outlined for alternative 1 above.

Variation Link MP

Variation link **MP** is located 10 km to the south east of Paulpietersburg. The purpose of variation link **MP** is to provide the option of joining **AM** to **PO** or **AP** to **MN** should certain segments be more environmental feasible. **MP** is less than 5km in length.

Variation Link NO

Variation link **NO** is approximately 35 km in length and traverses in a predominantly south easterly direction. The variation link crosses an unnamed tributary of the Swart Mfolozi rivers.

### 1.1.3 Alternative 3 (AP, PO, OI, IJ)

Alternative 3 commences at the Camden Power Station (**Point A**) located approximately 15 km south east of Ermelo, Mpumalanga. The alternative heads in a south easterly direction along alignment **AP,** spans the *Vaal River* approximately 10 km from the Camden Power Station, spans the *Sandspruit* and *Hlelo River* and the continues traversing the Assegaai River to the west of Piet Retief and crosses the 543 road. After passing Piet Retief the alternative turns in a southerly direction spanning over the *Swart River, Wit River* and an *unnamed river*. The total length of alignment AP is 145km.

From **Point P**, the alternative heads along alignment **PO** in a south easterly direction. The alignment spans over the *Bivana, Manzana, Ithalu, Sikwebezi* and *Swart Mfolozi Rivers*.

Approximately 30 km north of **Point O** the alignment traverses to the west of the Ngome protected area.

The last portion of alternative 3 before the alternative joins with alternative 1 and 2 is alignment **OI**. Alignment **OI** is approximately 70 km in length and travels in a southerly direction. Alignment **OI** is located between the Ophathe Nature Reserve and the Hluhluwe – Umfolozi Park. The alignment spans the R66, the *Wit Mfolozi* and *Mefule Rivers*. The alternative then follows **HIJ** as outlined for alternative 1 above.

### 1.1.4 Stakeholder Identified Alternatives

During the public review of the Draft Scoping Report several additional alternatives were identified by stakeholders. All technically feasible stakeholder alternatives have been added to the assessment. These new alternatives have been labelled as follows e.g. S(ab), S(bc), S(cd). The "S" denotes "stakeholder" and the "(ab)" for example denotes which alternative it relates to, is close to, or can potentially replace. The alternatives that have been identified are listed below and illustrated in Figure 1-1 below:

- S(ij) – Along existing 400kV power line;
- S(no2) – Along existing 400kV power line;
- S(am) – Along existing 400kV power line.
- S(gh);
- S(oi);
- S(no1);

## 1.2 Study Area Delineation

The following section is provided in order to better facilitate describing the study area. The study area has been divided into three sections. The northern section of the study area refers to the Mpumalanga portion of the study area. The central section of the study area refers to the northern KwaZulu Natal portion of the study area, that is, everything south of the Mpumalanga provincial border and north of points **E**, **N** and **O**. And the southern section of the study area refers to the southern KwaZulu Natal portion of the study area, that is, everything south of points **E**, **N** and **O** and north of the proposed substation.

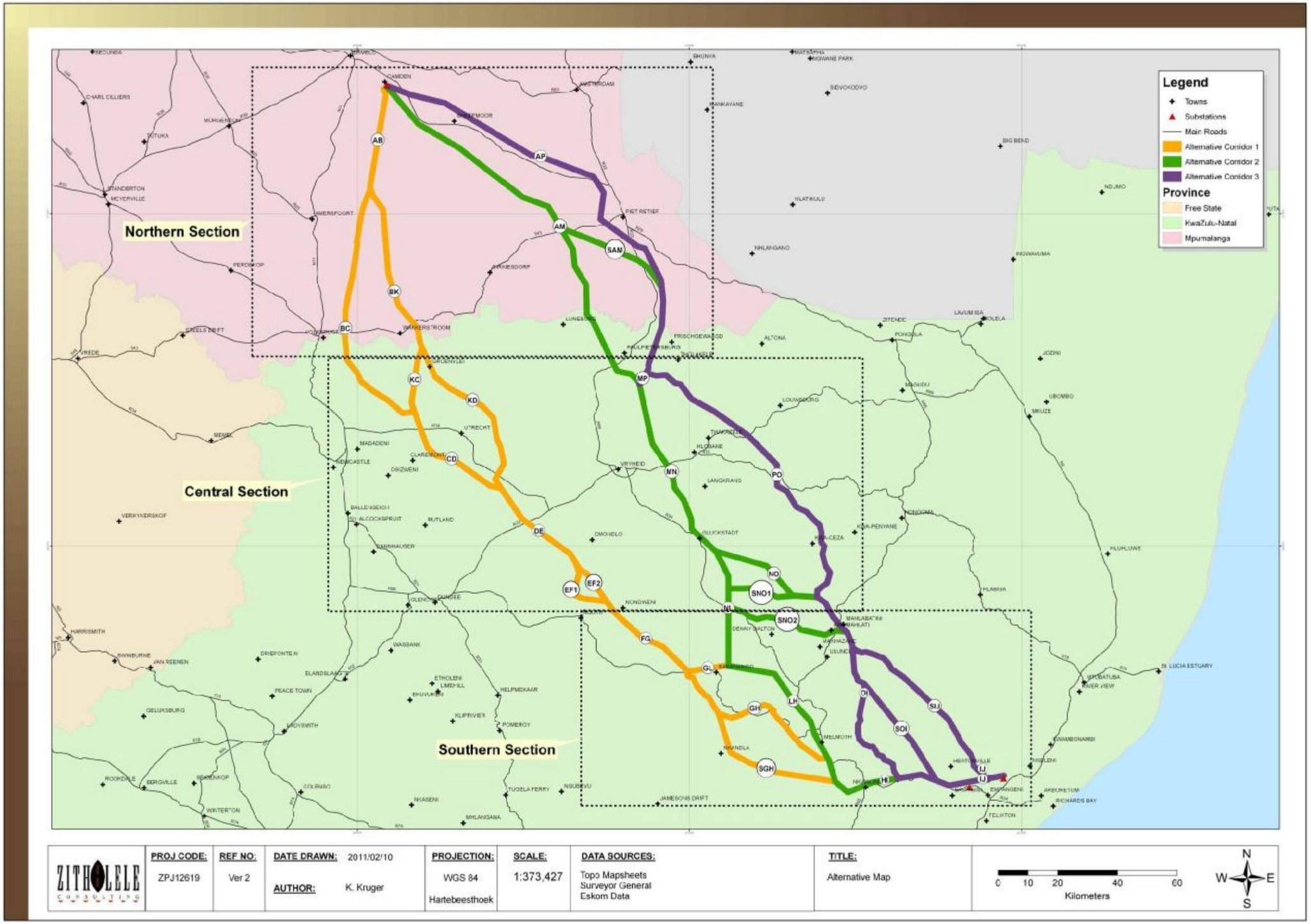


**Figure 1-1: Proposed route alternatives for the power line.**

## 1.3 Study Scope

Eskom's Transmission Division has appointed Zitholele Consulting (Pty) Ltd, an independent company, to conduct an EIA to evaluate the potential environmental and social impacts of the proposed project. As part of the environmental impact assessment for the aforementioned project it is required that certain biophysical specialist investigations are undertaken. Zitholele Consulting was appointed to undertake the following biophysical specialist studies:

- Wetland and Riparian Area Delineation;
- Topography and Visual Impact;
- Soils and Agricultural Potential; and
- Terrestrial Ecology.

## 1.4 Study Approach

Zitholele Consulting undertook the aforementioned specialist studies during several site visits conducted from October 2010 – March 2011. The wide spread of site visits during the year were undertaken to obtain a maximum cover of the seasonal variations. The study area encompasses the area within a 1 000 m radius of the proposed power line alternatives. Transects were walked on either side of the proposed power line alternatives in which flora, soil, fauna and land use characteristics were sampled.

## 1.5 Project Personnel

The following project team was involved in the compilation of this report.

**Konrad Kruger** graduated from the University of Pretoria with a BSc Environmental Science (Majors in Soils Science, Ecology, Geomorphology and Zoology) in 2002 and a BSc Honours in Geography in 2003. He has been involved in a variety of environmental projects in the last six years and has become specialised in undertaking a variety of environmental assessments, audits, environmental plans and specialist studies. He has undertaken a variety of specialist assessments including wetland delineations, ecological assessments, flora assessments, soil and agricultural potential assessments, GIS mapping and modelling and visual assessments. These projects have been completed for clients like Eskom, City Power, Harmony Gold, BHP Billiton, De Beers, Kruger National Park and Xstrata Coal.

## 1.6 Assumptions and Limitations

The following limitations were encountered during the assessment:

- The corridors are not 100% accessible by vehicle.

# 2 TOPOGRAPHY

## 2.1 Data Collection

The topography data was obtained from the Surveyor General's 1:50 000 toposheet data for the region. Contours were combined from the topographical mapsheets to form a combined contours layer. Using the Arcview GIS software the contour information was used to develop a digital elevation model of the region as shown below.

## 2.2 Regional Description

The study area ranges from 2,000 mamsl (metres above mean sea level) to less than 100 mamsl. The highest parts of the study area are in the northern western portions (Wakkerstroom and Groenvlei) and the lowest portions are in the south eastern portions of the study area (Empangeni).

Due to the size of the study area the topography varies from flat plains to deeply incised valleys. Figure 2-1 provides an illustration of the topography of the site.

As it can be seen from the map the routes start on the eastern Highveld (Ermelo, Amersfoort, Piet Retief) and traverse over the north-eastern escarpment (Volksrust, Wakkerstroom, Utrecht, Paul Pietersburg) before entering into the rolling hills of the KZN midland (Vryheid, Gluckstadt, Melmoth, Nqutu) and finally ending the route in the lowveld (Empangeni).

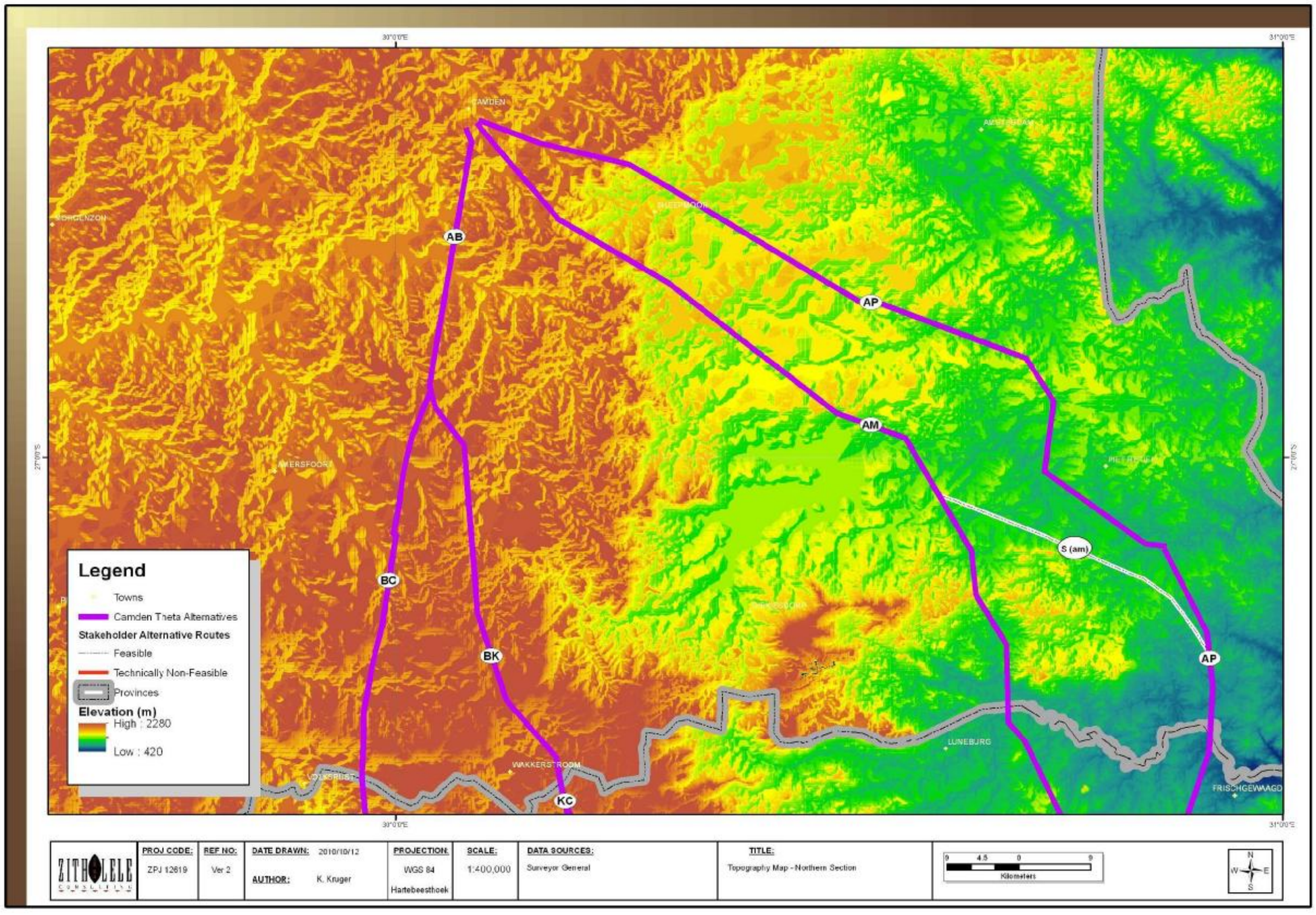


**Figure 2-1: Topography of the site**

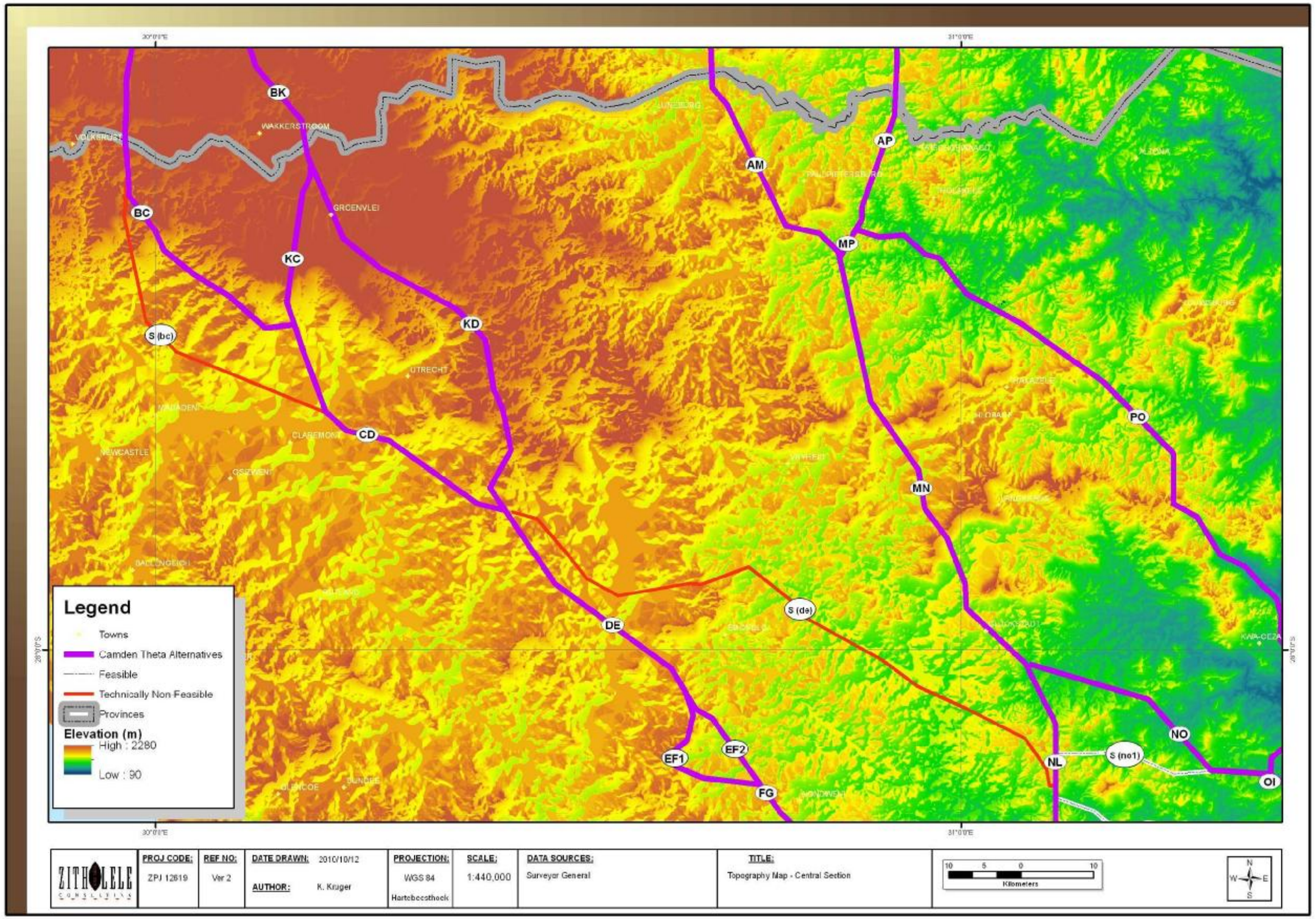


**Figure 2-2: Topography of the site**

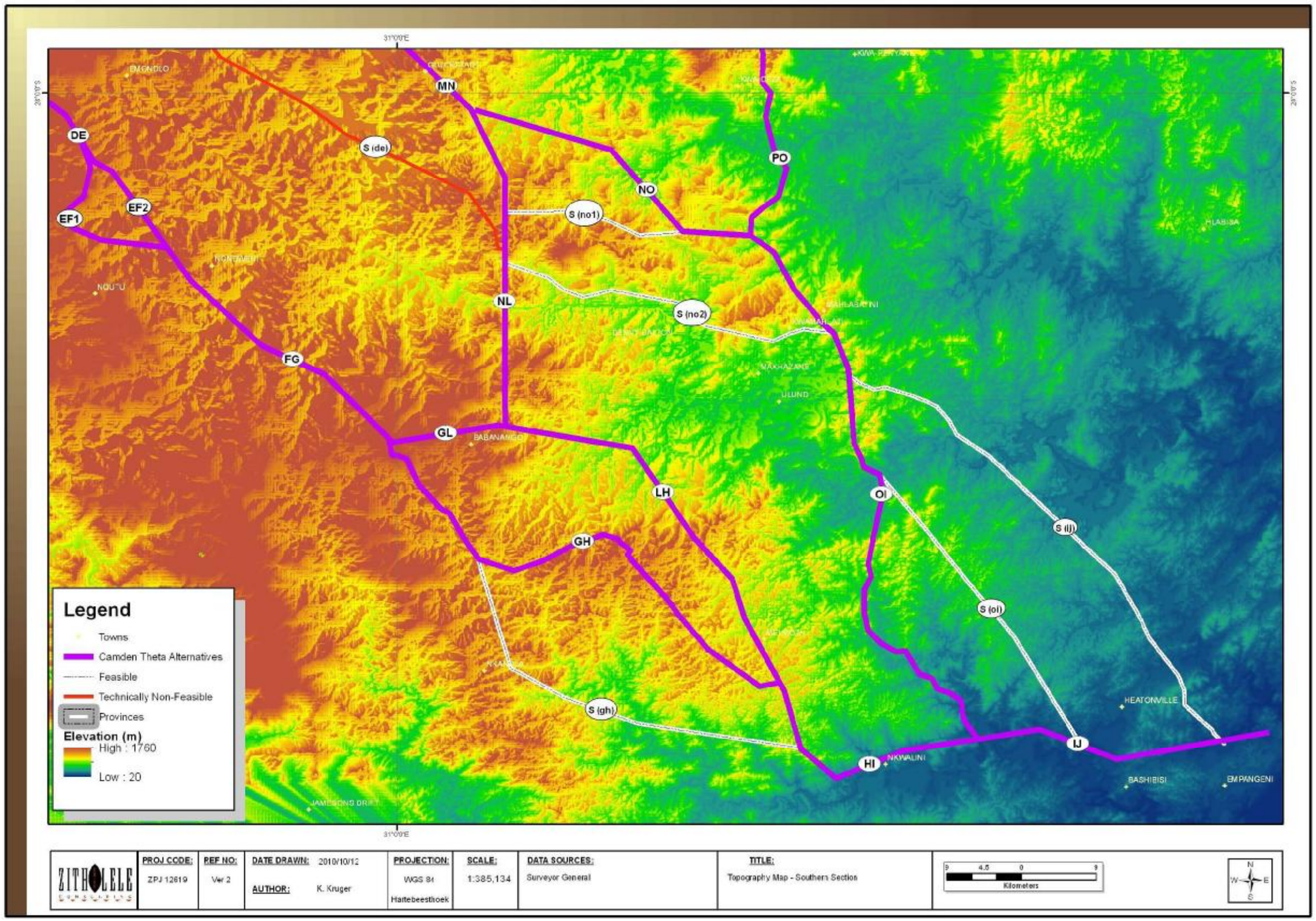


**Figure 2-3: Topography of the site**

# 3 SOILS

## 3.1 Data Collection

The site visit was conducted from October 2010 – February 2011. Soils were augered at 500m intervals along the proposed railway line routes using a 150 mm bucket auger, up to refusal or 1.2 m. Soils were identified according to Soil Classification; a taxonomic system for South Africa (Memoirs on the Natural Resources of South Africa, no. 15, 1991). The following soil characteristics were documented:

- Soil horizons;
- Soil colour;
- Soil depth;
- Soil texture (Field determination);
- Wetness;
- Occurrence of concretions or rocks; and
- Underlying material (if possible).

## 3.2 Regional Description

The soils in the region are mostly derived from the underlying geology resulting in sandy loam soils of a brown colour over large sections of the study area. Due to local variations in topography and the rest of the soil forming factors (topography, time, organic material, organisms and parent material) a large diversity of soils was found along the routes and these are described in more detail below.

## 3.3 Site Description

During the site visit large quantities of soil forms were identified. The soils forms were grouped into management units and are described in detail in the sections below and Figure 3-1 illustrates the location of the soil types. The land capability (agricultural potential) of the abovementioned soil form is described in more detail in Section 3.3.

The management units are broken up into:

- Good and Average Agricultural Soils;
- Shallow Soils;
- Transitional and Poor Transitional Soils; and
- Disturbed Soils / Hard Rock.

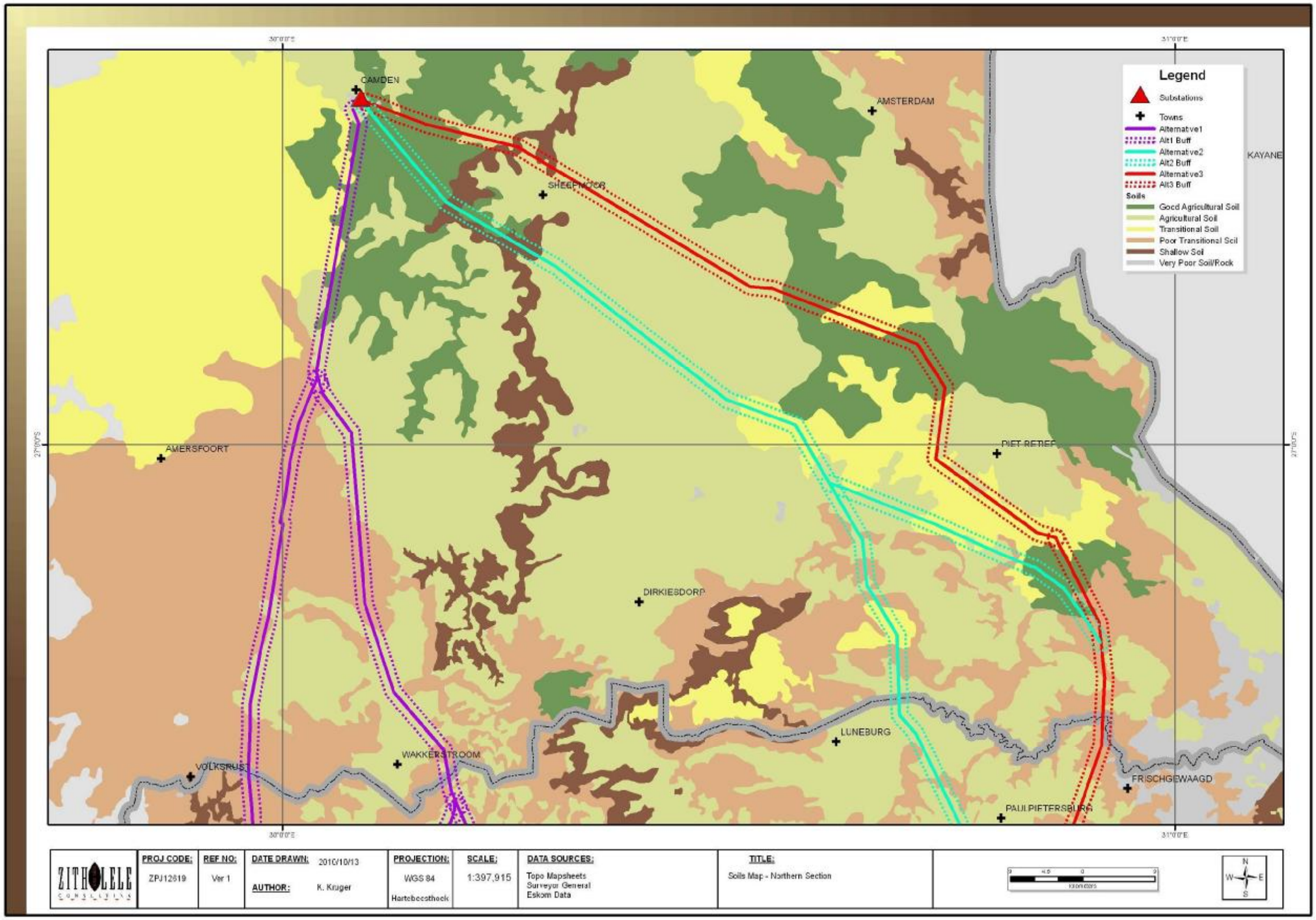


**Figure 3-1: Soil Type Map - North**

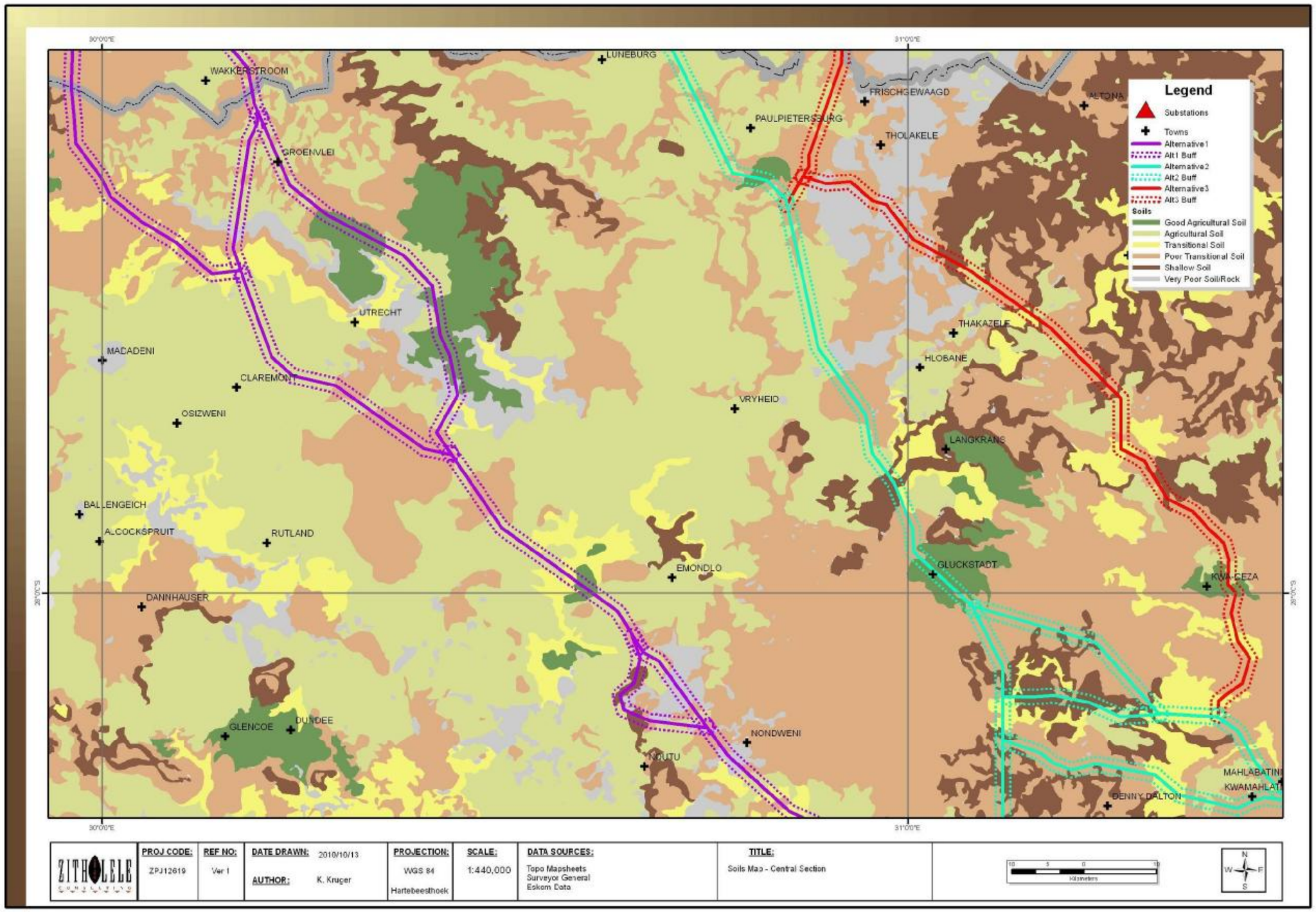


**Figure 3-2: Soil Type Map - Central**

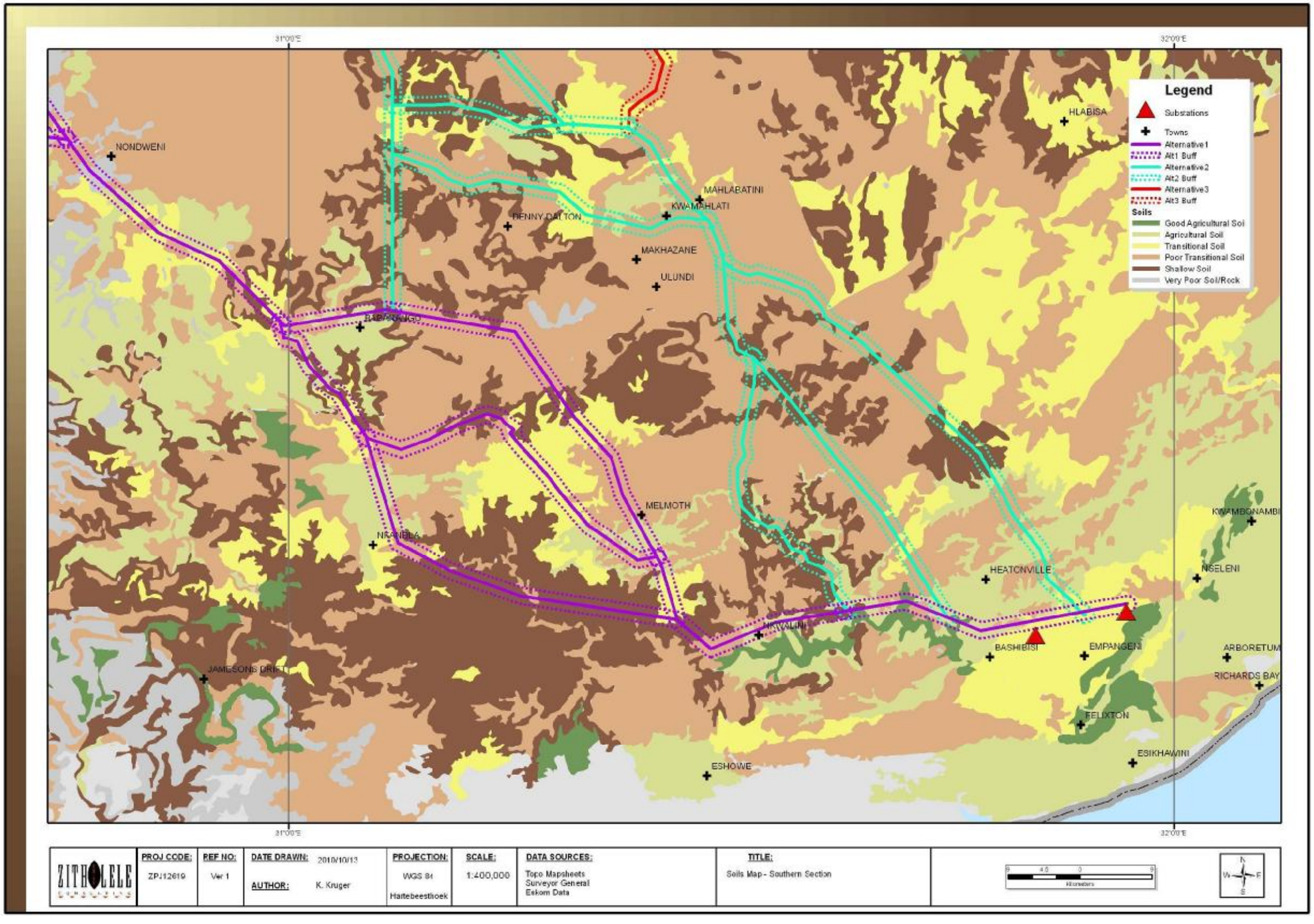


**Figure 3-3: Soil Type Map - South**

### 3.3.1 Shallow (Rocky) Soils

The rocky soils are generally shallow and overlie an impeding layer such as hard rock or weathering saprolite. These soils are not suitable for cultivation and in most cases are only usable as light grazing. The main soil forms found in rocky soils were Mispah and Glenrosa, each form is described below.

Mispah soil form

The Mispah soil form is characterised by an Orthic A – horizon overlying hard rock. Mispah soil is horizontally orientated, hard, fractured sediments which do not have distinct vertical channels containing soil material. There is usually a red or yellow-brown apedal horizon with very low organic matter content. Please refer to Figure 3-4 for an illustration of a typical Mispah soil form.

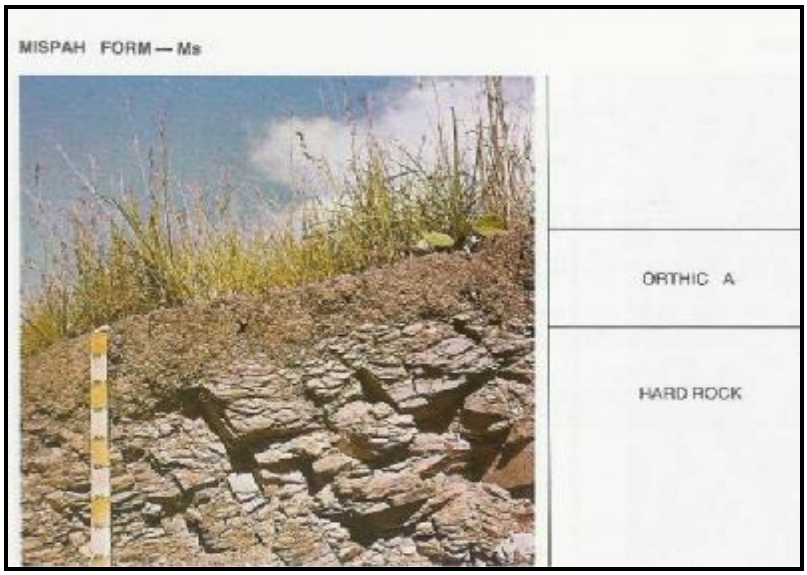


**Figure 3-4: Mispah soil form (Soil Classification, 1991).**

Glenrosa Soil Form

The Glenrosa soil form is a combination of an Orthic A horizon overlying a lithocutanic B horizon as indicated in Figure 3-5 below. A lithocutanic B has several characteristics that separate it from other horizons, namely:

- It merges into the underlying weathering rock;
- Has a general organisation in respect of colour, structure or consistency that has distinct affinities with the underlying parent rock;

- Has cutanic character expressed usually as tongues or prominent colour variations caused by residual soil formation and illuviation resulting in localization of one or more of clay, iron and manganese oxides;
- Lacks a laterally continues horizon which would qualify as either a diagnostic podzol B, neocarbonate B, pedocutanic B, pedocutanic B, hardpan carbonate or dorbank; and
- If the horizon shows signs of wetness, then more than 25% by volume has saprolitic character.

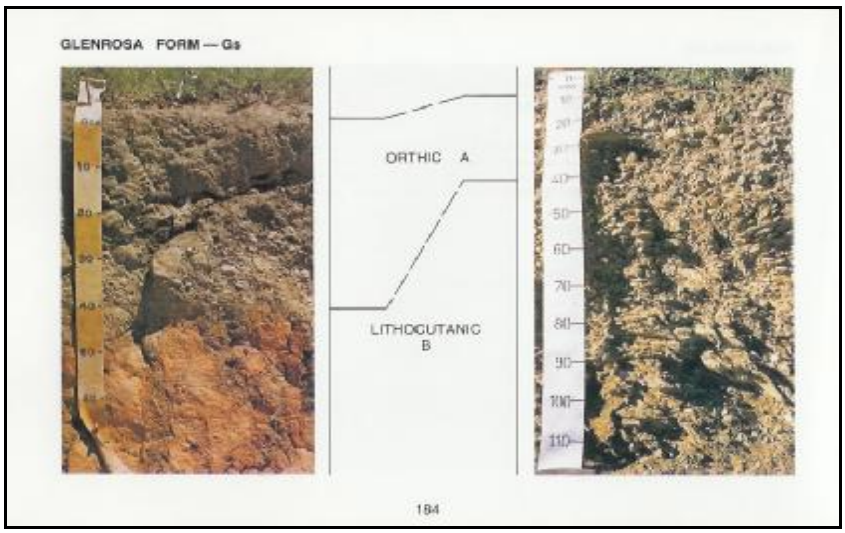


**Figure 3-5: Glenrosa Soil Form (Soil Classification, 1991)**

Mayo Soil Form

The Mayo soil form comprises a Melanic A horizon over a Lithocutanic B horizon. The Lithocutanic B is described in the Glenrosa soil form above, while the Melanic A horizon is characterised by being a dark coloured, well structured topsoil horizon that does not have large amounts of organic carbon or swelling clays.

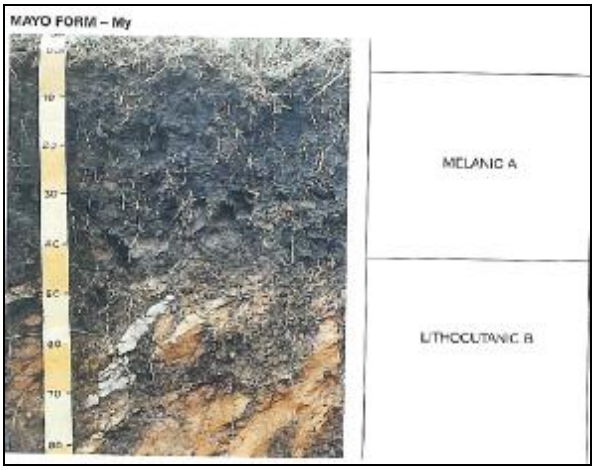


**Figure 3-6: Mayo Soil Form (Soil Classification, 1991).**

Dresden Soil Form

The Dresden soil form is typified by an Orthic A-horizon over a Hard Plinthic B-horizon. The Hard Plinthic B-horizon develops when a Soft Plinthic horizon is subjected to a prolonged dry period and the accumulated Fe and Mn colloidal matter hardens, almost irreversibly. This B-horizon has similar characteristics to hard rock and has a very low agricultural potential.

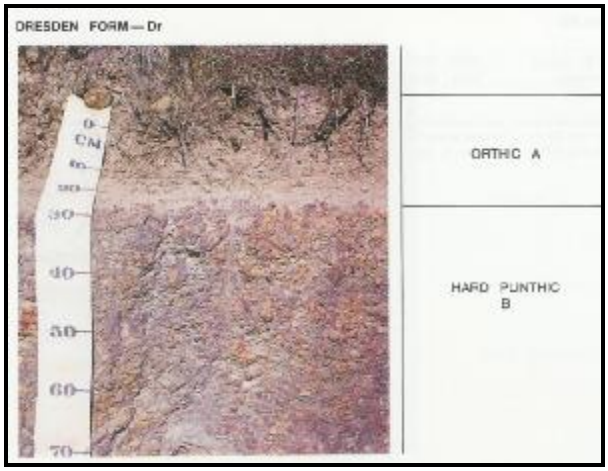


**Figure 3-7: Dresden Soil Form (Soil Classification, 1991).**

### 3.3.2 Agricultural Soils

The agricultural soils found on site support an industry of commercial maize production. These soils include Clovelly and Avalon. These soils have deep yellow-brown B-horizons with minimal structure. These soils drain well and provide excellent to moderate cultivation opportunities. Each of the soils is described in detail below.

Clovelly Soil Form

Clovelly soils can be identified as an apedal “yellow” B-horizon as indicated in Figure 3-8 below. These soils along with Hutton soils are the main agricultural soil found within South Africa, due to the deep, well-drained nature of these soils. The soils are found on the valley slopes of the site.

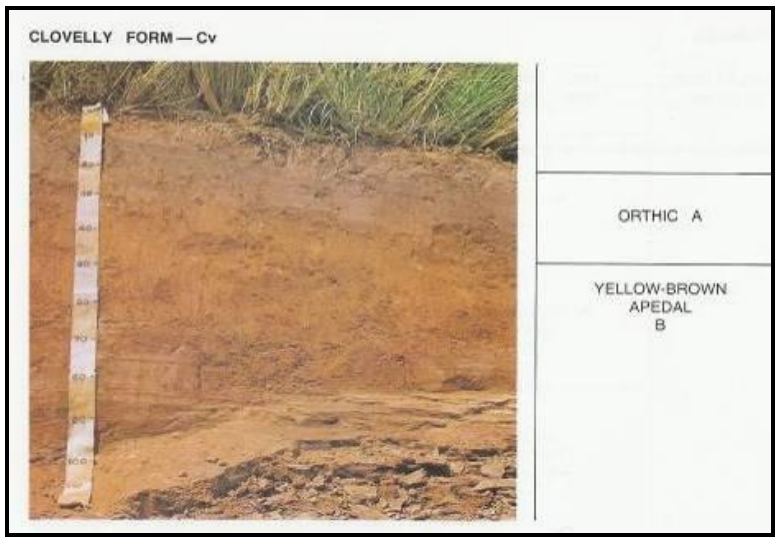


**Figure 3-8: Clovelly soil form (Soil Classification, 1991)**

Avalon Soil Form

The Avalon soil form is characterised by the occurrence of a yellow-brown apedal B-horizon over a soft plinthic B – horizon (See Figure 3-9). The yellow-brown apedal horizon is the same as described for the Clovelly soil form and the plinthic horizon has the following characteristics:

- Has undergone localised accumulation of iron and manganese oxides under conditions of a fluctuating water table with clear red-brown, yellow-brown or black strains in more than 10% of the horizon;
- Has grey colours of gleying in or directly underneath the horizon; and
- Does not qualify as a diagnostic soft carbonate horizon.

These soils are found between lower down the slopes than the Clovelly soils and indicate the start of the soils with clay accumulation.

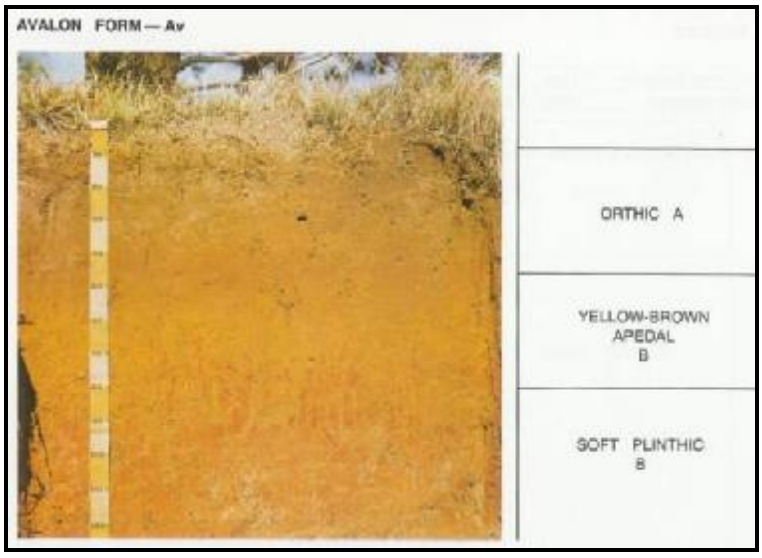


**Figure 3-9: Avalon Soil Form (Soil Classification, 1991)**

Hutton Soil Form

Hutton's are identified on the basis of the presence of an apedal (structureless) "red" B-horizon as indicated in Figure 3-10 below. These soils are the main agricultural soil found in South Africa, due to the deep, well-drained nature of these soils.

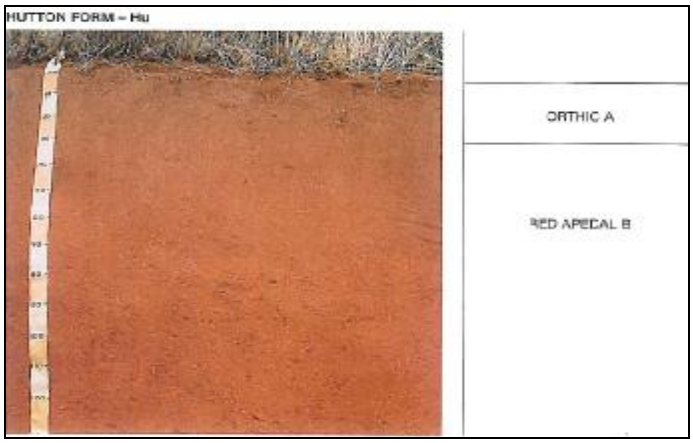


**Figure 3-10: Hutton Soil Form (Soil Classification, 1991).**

### 3.3.3 Transitional Soils

The transitional soil management unit comprises the soils found between clay soils and the agricultural soils. These soils often have signs of clay accumulation or water movement in the lower horizons. These soils are usually indicative of seasonal or temporary wetland conditions. The main soil forms found in transitional soils were Kroonstad, Wasbank, Longlands and Westleigh, each form is described below.

Kroonstad Soil Form

The Kroonstad soil form is most commonly found in areas of semi-permanent wetness. The soil is made up of an Orthic A horizon over a diagnostic E-horizon over a G-horizon, as indicated in Figure 3-11 below. The G-horizon has several unique diagnostic criteria as a horizon, namely:

- It is saturated with water for long periods unless drained;
- Is dominated by grey, low chroma matrix colours, often with blue or green tints, with or without mottling;
- Has not undergone marked removal of colloid matter, usually accumulation of colloid matter has taken place in the horizon;
- Has a consistency at least one grade firmer than that of the overlying horizon;
- Lacks saprolitic character; and
- Lacks plinthic character.

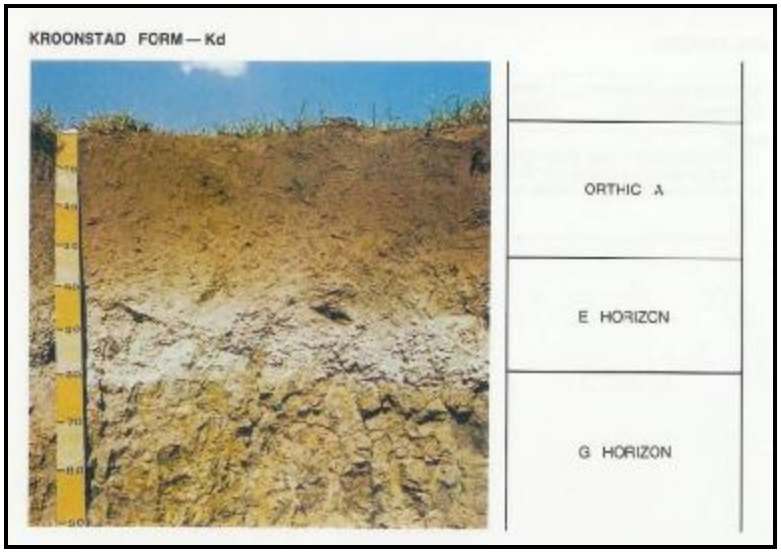


**Figure 3-11: Kroonstad Soil Form (Soil Classification, 1991)**

Estcourt Soil Form

The Estcourt soil form also has a prismacutanic B horizon. This horizon is formed where you have extensive amounts of accumulated clay underlying A/B horizon. A prismacutanic horizon has severa; unique diagnostic criteria namely:

- It has an abrupt transition with the overlying horizon in respect of at least two of either texture, structure or consistency.
- It has prismatic or columnar structure;
- It lacks evidence of wetness in the form of low chromas;
- It exhibits colour contrasts between the clayskins and the ped interiors.

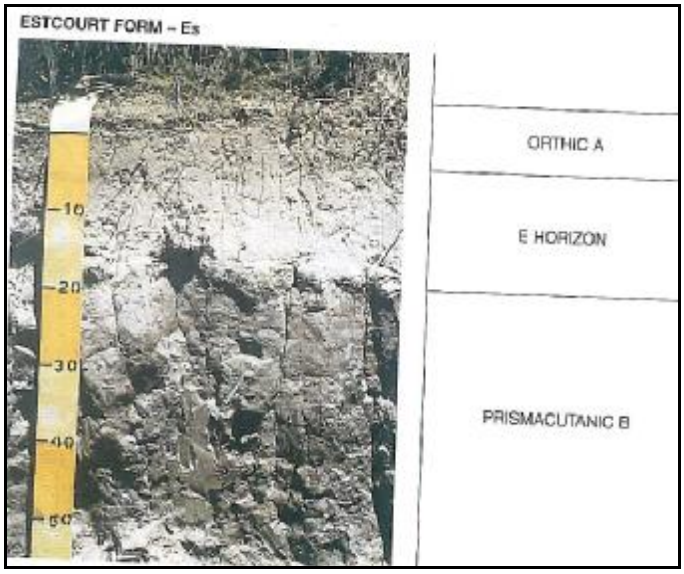


**Figure 3-12: Estcourt Soil Form (Soil Classification, 1991).**

Longlands Soil Form

The Longlands soil forms are all typified by an eluvial (E) horizon over a soft plinthic horizon (as described above). The E-horizon is a horizon that has been washed clean by excessive water movement through the horizon and the plinthic horizon as undergone local accumulation of colloidal matter (refer photo below). Please refer to Figure 3-13 and Figure 3-14 for an illustration of the soil form.

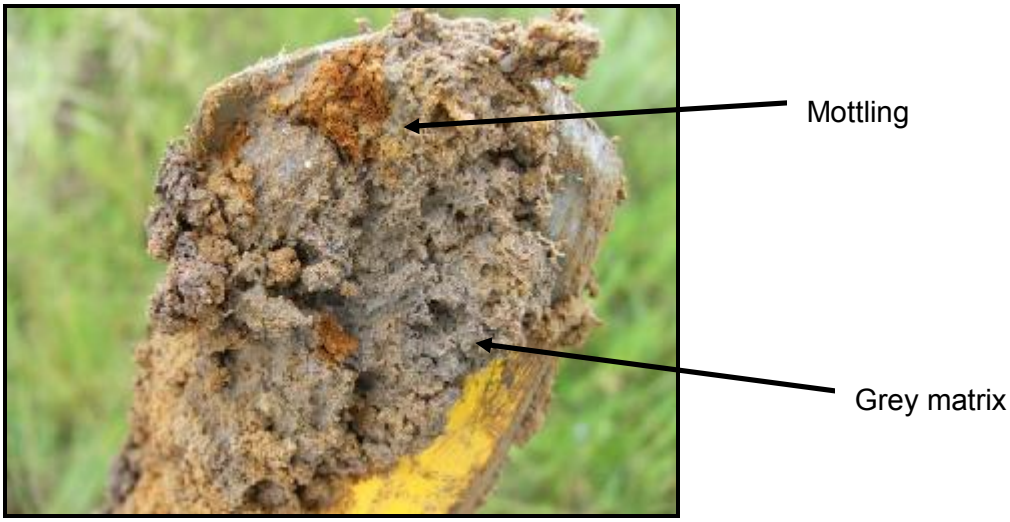


**Figure 3-13: Soft plinthic B-horizon.**

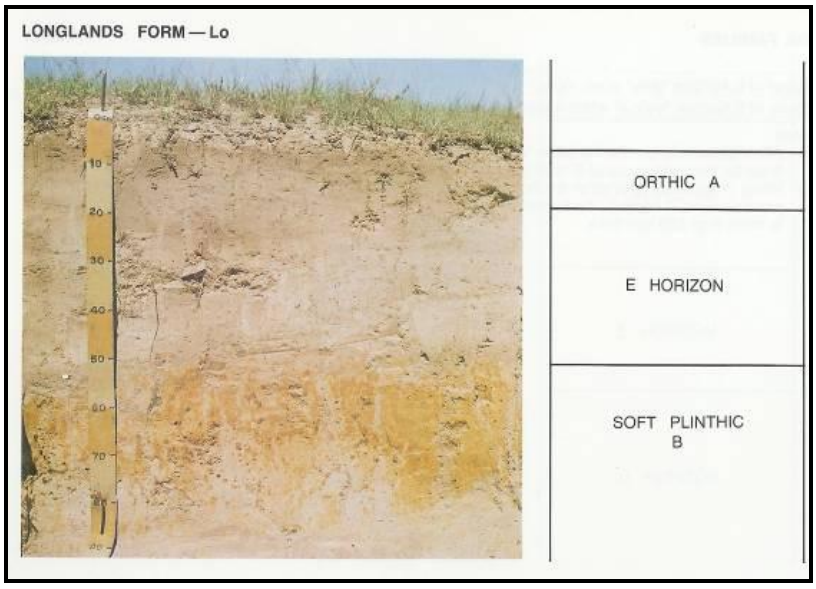


**Figure 3-14: Longlands Soil Form (Soil Classification, 1991)**

Wasbank Soil Form

The Wasbank soil form is found in close proximity to the Longlands soil form and is typified by an Orthic A-horizon over an E-horizon (as described above) over a Hard Plinthic B-horizon. The Hard Plinthic B-horizon develops when a Soft Plinthic horizon is subjected to a prolonged dry period and the accumulated colloidal matter hardens, almost irreversibly. The Wasbank soil form is illustrated in Figure 3-15 below.

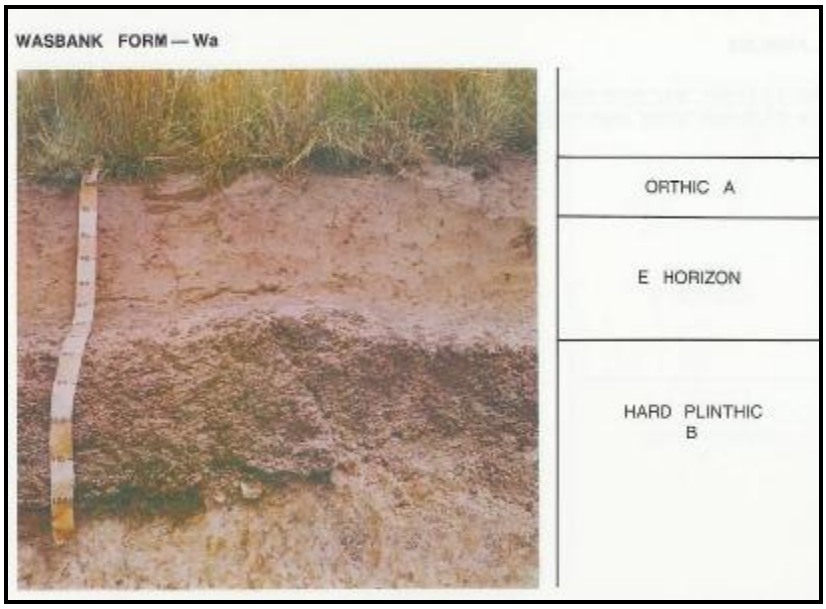


**Figure 3-15: Wasbank Soil Form (Soil Classification, 1991)**

Westleigh Soil Forms

Westleigh soils are characterised by an orthic A-horizon over a soft plinthic B-horizon and is found in areas between good agricultural soils and clay soils and the movement of water determines the characteristics of the soil.

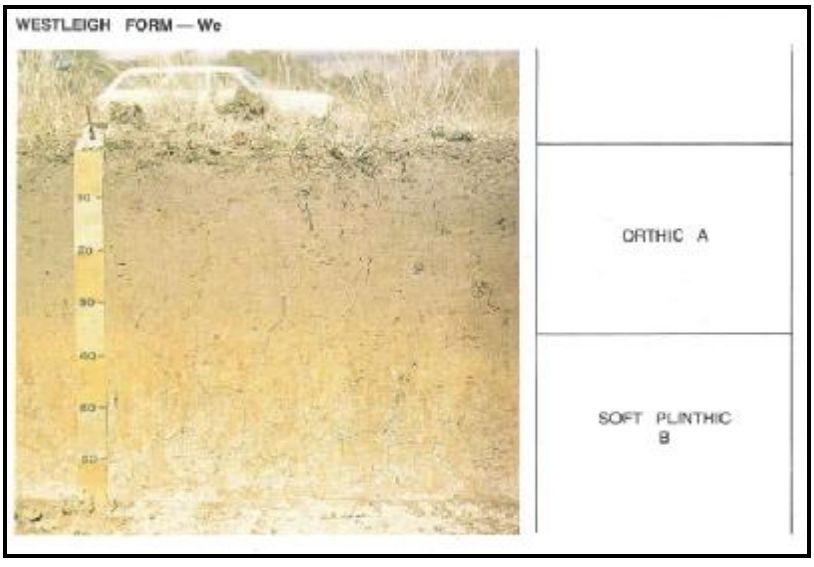


**Figure 3-16: Westleigh Soil Form (Soil Classification 1991)**

Cartref Soil Form

The Cartref soil form comprises an orthic A horizon over an E-horizon as described for the Kroonstad and Escourt soil forms above. The E horizon overlays a Lithocutanic B as described for the Glenrosa soil form above.

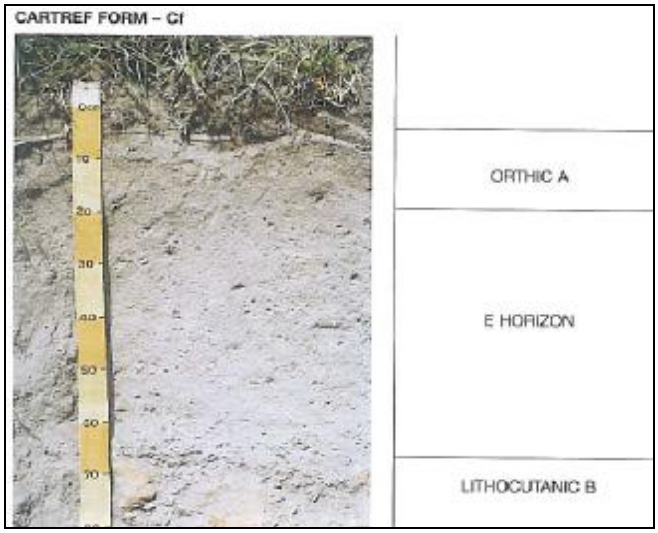


**Figure 3-17: Cartref Soil Form (Soil Classification, 1991).**

Fernwood Soil Form

The Fernwood soil form is characterised by an orthic A horizon over an E-horizon as described in the Escourt soil form above.

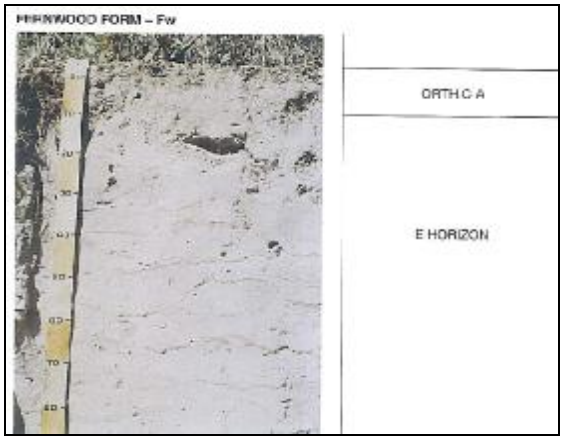


**Figure 3-18: Fernwood Soil Form (Soil Classification, 1991).**

Glencoe Soil Form

The Glencoe soil form is characterised by an orthic A horizon over an yellow-brown apedal B-horizon as described in the Clovelly soil form above, over a hard plinthic B described in the Dresden soil form above.

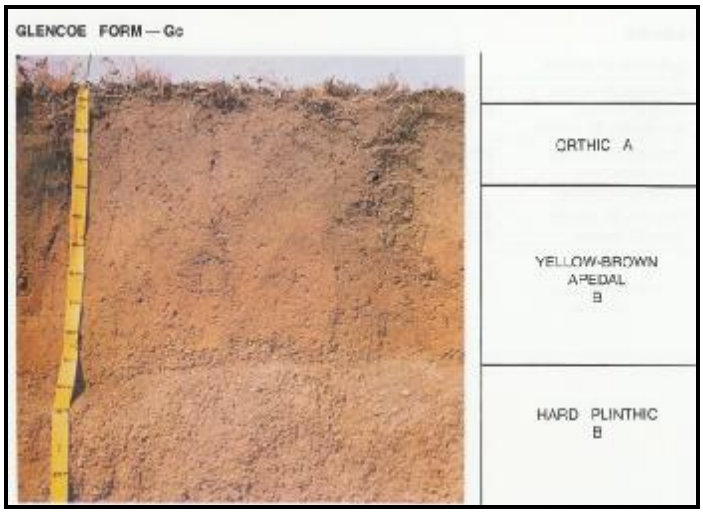


**Figure 3-19: Glencoe Soil Form (Soil Classification, 1991).**

### 3.3.4 Clay Soils

The clay soil management unit is found in areas where clays have accumulated to such an extent that the majority of the soil matrix is made up of clay particles. These soils are usually indicative of seasonal or permanent wetland conditions. The main soil forms found in clay soils were Katspruit and Willowbrook, each form is described below. These soils are saturated with water and must be noted to be unstable for construction and are sensitive.

Katspruit Soil Form

The Katspruit soil form is most commonly found in areas of semi-permanent wetness. The soil is made up of an Orthic A-horizon over a diagnostic G-horizon and is indicated in Figure 3-20 below. The G-horizon has several unique diagnostic criteria as a horizon, namely:

- It is saturated with water for long periods unless drained;
- Is dominated by grey, low chroma matrix colours, often with blue or green tints, with or without mottling;
- Has not undergone marked removal of colloid matter, usually accumulation of colloid matter has taken place in the horizon;
- Has a consistency at least one grade firmer than that of the overlying horizon;

- Lacks saprolitic character; and
- Lacks plinthic character.

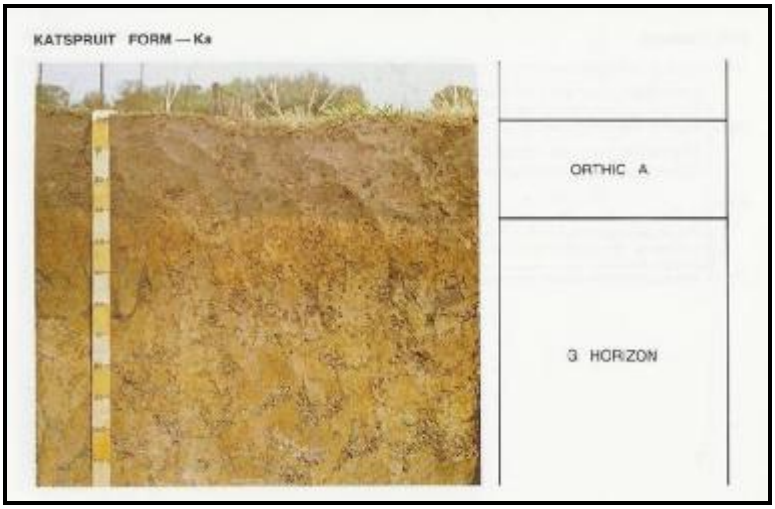


**Figure 3-20: Katspruit Soil form (Soil Classification, 1991)**

Willowbrook Soil Form

Willowbrook soils are characterised by Melanic A-horizon over a G-horizon. The G-horizon is invariably firm or very firm and its characteristics are described above. The Melanic horizon has several unique diagnostic criteria as a horizon, namely:

- Has dark colours in the dry state.
- Lack slickensides that are diagnostic of vertic horizons.
- Has less organic carbon than required for diagnostic organic O horizon.
- Has structure that is strong enough so that the major part of the horizon is not both massive and hard or very hard when dry.

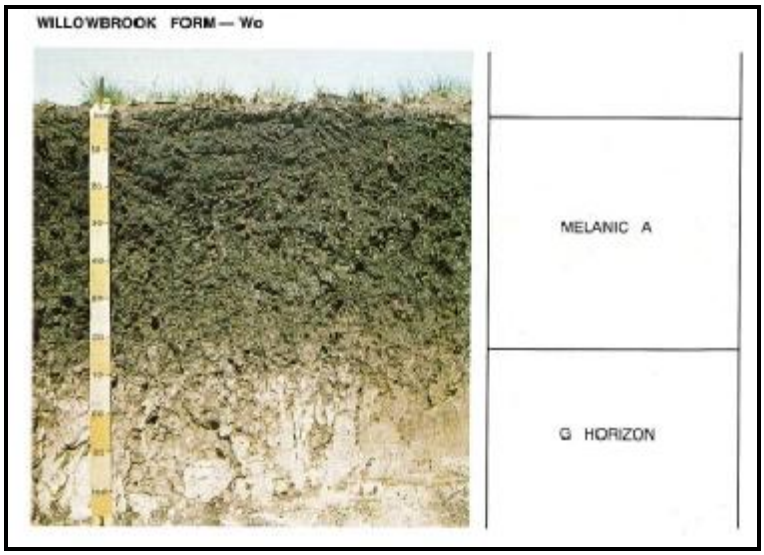


**Figure 3-21: Willowbrook Soil Form (Soil Classification 1991)**

Inhoek Soil Form

Inhoek soils are characterised by Melanic A-horizon as described above.

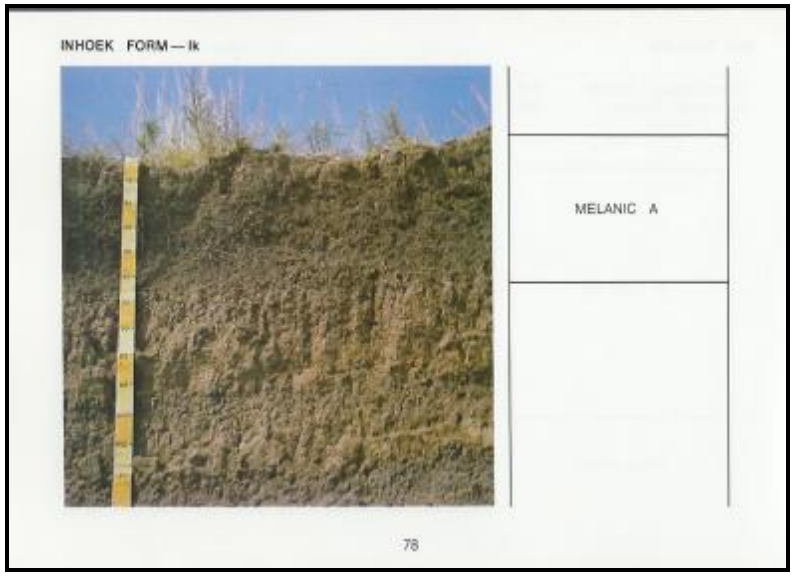


**Figure 3-22: Inhoek Soil Form (Soil Classification 1991)**

### 3.3.5 Disturbed Soils

The disturbed soil management unit is found in areas where human disturbance has influenced the soil that developed on site. This is the case at dumping sites, roadsides, beneath buildings and mined areas.

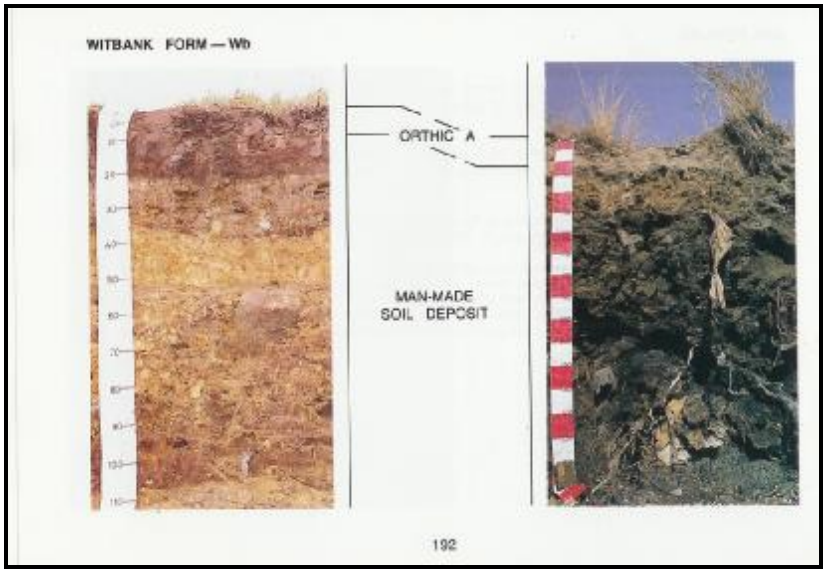


**Figure 3-23: Witbank Soil Form (Soil Classification 1991)**

# 4 AGRICULTURAL POTENTIAL (LAND CAPABILITY)

## 4.1 Data Collection

A literature review was conducted in order to obtain any relevant information concerning the area, including information from the Environmental Potential Atlas (ENPAT), Weather Bureau and Department of Agriculture. Results from the soil study were taken into account when determining the agricultural potential also known as the land capability of the site. The land capability assessment methodology as outlined by the National Department of Agriculture was used to assess the soil's capability to support agriculture on site.

## 4.2 Regional Description

The regional land capability is mostly Class II or IV soils with few limitations. This is evident in the large number of cultivated lands found in the region. In the areas where the soil is too shallow or too wet to cultivate, livestock are grazed.

## 4.3 Site Description

According to the land capability methodology, the potential for a soil to be utilised for agriculture is based on a wide number of factors. These are listed in the table below along with a short description of each factor.

**Table 4-1: Agricultural Potential criteria**

| Criteria | Description |
|---|---|
| Rock Complex | If a soil type has prevalent rocks in the upper sections of the soil it is a limiting factor to the soil's agricultural potential |
| Flooding Risk | The risk of flooding is determined by the closeness of the soil to water sources. |
| Erosion Risk | The erosion risk of a soil is determined by combining the wind and water erosion potentials. |
| Slope | The slope of the site could potentially limit the agricultural use thereof. |
| Texture | The texture of the soil can limits its use by being too sandy or too clayey. |
| Depth | The effective depth of a soil is critical for the rooting zone for agricultural crops. |
| Drainage | The capability of a soil to drain water is important as most grain crops do not tolerate submergence in water. |
| Mechanical Limitations | Mechanical limitations are any factors that could prevent the soil from being tilled or ploughed. |
| pH | The pH of the soil is important when considering soil nutrients and hence fertility. |
| Soil Capability | This section highlights the soil type's capability to sustain agriculture. |
| Climate Class | The climate class highlights the prevalent climatic conditions that could |

| Criteria | Description |
|---|---|
| | influence the agricultural use of a site. |
| Land Capability / Agricultural Potential | The land capability or agricultural potential rating for a site combines the soil capability and the climate class to arrive at the sites potential to support agriculture. |

The soils identified in Section 3 above were classified according to the methodology proposed by the Agricultural Research Council – Institute for Soil, Climate and Water (2002). The criteria mentioned above were evaluated in the table below. The site is made up of several land capability classes, namely Class II, III, IV, V, VI and VII. The Class II - III soils are suitable for cultivation and can be used for a range of agricultural applications in the case of Class II. Class IV – V soils have features that reduce their potential for agricultural use, this can be flood hazards, erosion risk, texture or drainage. The Class VI and VII soils have continuing limitations that cannot be corrected; in this case rock complexes, flood hazard, stoniness, and a shallow rooting zone constitute these limitations. Figure 4-1 illustrates the various land capability units on site.

**Table 4-2: Land Capability of the soils within the study site**

| Soil | Good Agricultural | Agricultural | Transitional | Poor Transitional | Shallow Soil | Disturbed / Hard Rock |
|---|---|---|---|---|---|---|
| % on Site | 8 | 28 | 12 | 40 | 11 | 1 |
| Rock Complex | None | None | None | None | Yes | None |
| Flooding Risk | No | Moderate | Moderate | Moderate | No | Very Limiting |
| Erosion Risk | Low | Moderate | High | High | High | Very Low |
| Slope % | 3.9 | 3.7 | 3.7 | 3.7 | 4.0 | 0.5 |
| Texture | Loam | Loam | Loam | Clay/Clayey Loam | Sandy Loam | Rock/Sandy |
| Effective Depth | > 100 cm | > 60 cm | > 60 cm | < 60 cm | < 60 cm | < 10 cm |
| Drainage | Good | Imperfect | Imperfect | Poor | Poorly drained | Poorly drained |
| Mech Limitations | None | None | None | None | Rocks | Rocks |
| pH | > 5.5 | > 5.5 | > 5.5 | > 5.5 | > 5.5 | > 5.5 |
| **Soil Capability** | Class II | Class III | Class IV | Class V | Class VI | Class VIII |
| **Climate Class** | Mild | Mild | Mild | Mild | Mild | Mild |
| **Land Capability** | Class II – Arable Land | Class III – Moderately Arable Land | Class IV – Poor Arable Land | Class V – Good Grazing Land | Class VI – Moderately Grazing Land | Class VII – Wildlife |

| No limitation | Low | Moderate | High | Very Limiting |
|---|---|---|---|---|

For an illustration of the land capability please refer to the figures below and a discussion on the preferred routes is highlighted in Section 8.

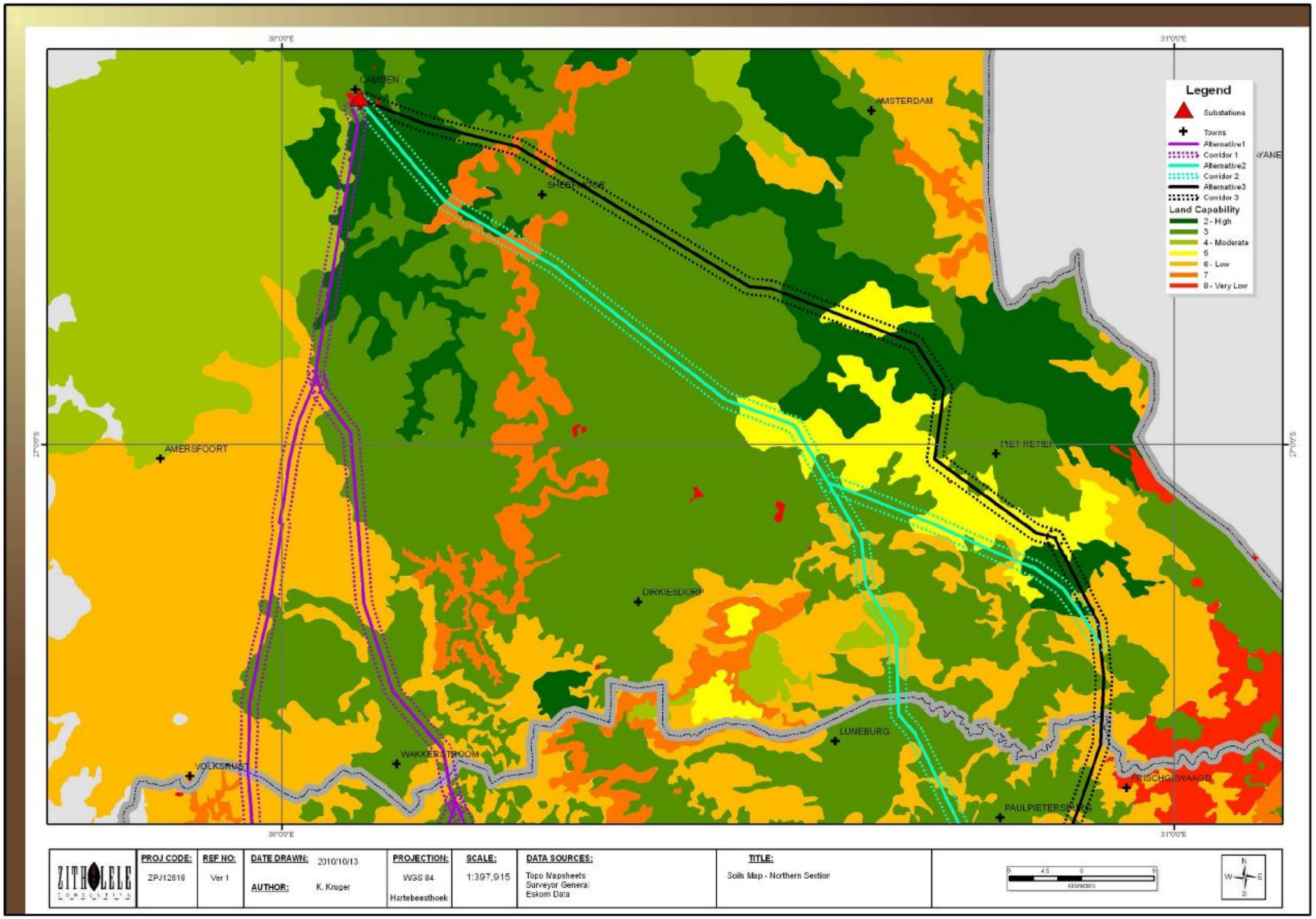


**Figure 4-1: Agricultural Potential Map**

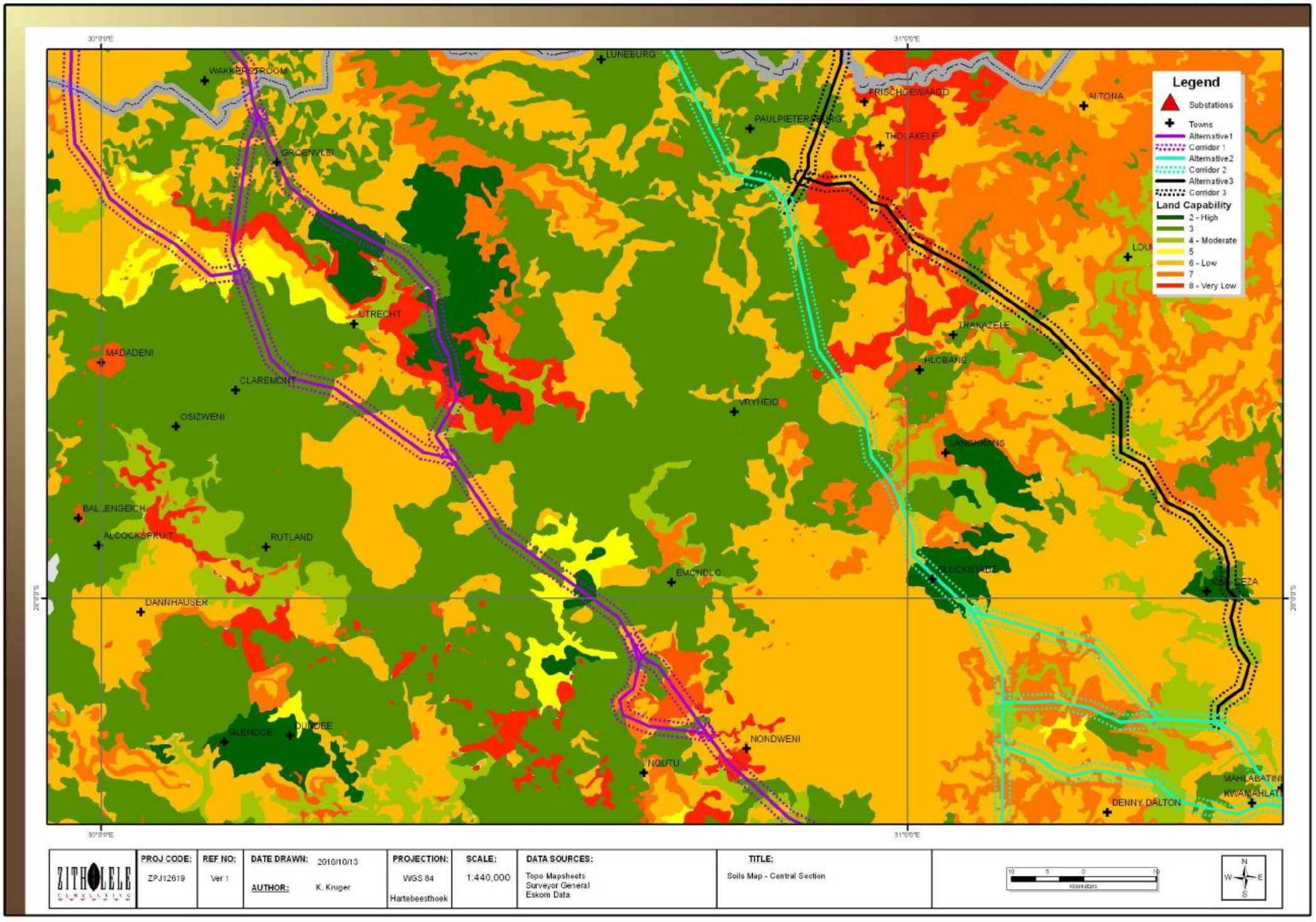


**Figure 4-2: Agricultural Potential Map**

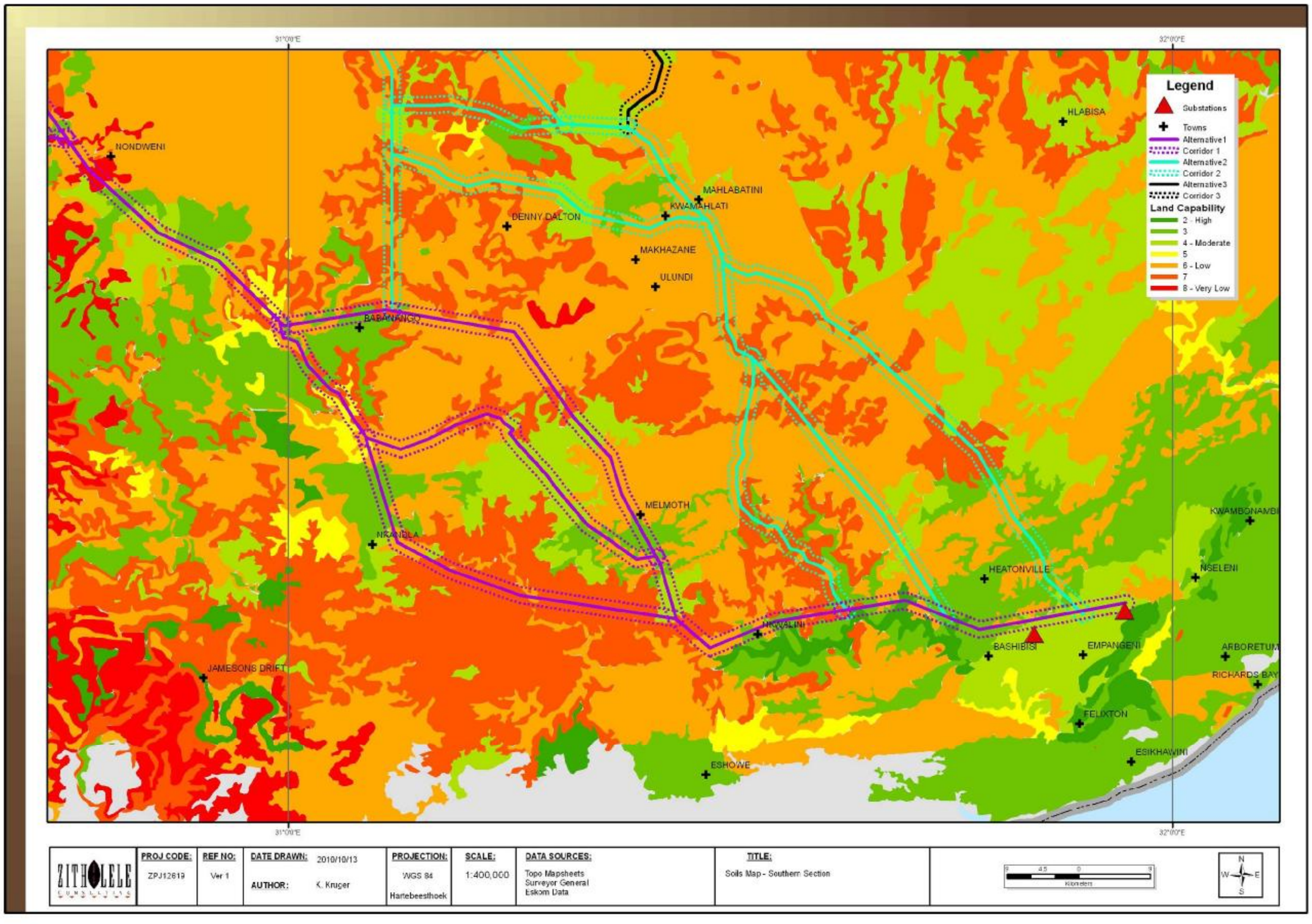


**Figure 4-3: Agricultural Potential Map**

# 5 SURFACE WATER

## 5.1 Data Collection

The surface water data was obtained from the WR90 database from the Water Research Council. The data used included catchments, river alignments and river names. In addition water body data was obtained from the CSIR land cover database (1990) to illustrate water bodies and wetlands. This data was supplemented with site observations during the various site visits

## 5.2 River Catchments and Crossings

The alternatives span over several rivers in the study area. The various river crossings are tabulated below. It is important to note that Eskom should not place pylon footings within water bodies (or associated areas such as wetlands) and therefore the power lines are designed to span across these sensitive habitats. The alternative route segments, affected catchments and river crossings are shown Figure 5-1 to Figure 5-3 and tabulated in Table 5-1 below.

**Table 5-1: River crossings per alternative segment.**

| ALTERNATIVE LINK | CATCHMENT | RIVER CROSSINGS |
|---|---|---|
| **AB** | C11B | Vaal<br>Klein Vaal |
| **BC** | V32G, C11B | Wielspruit<br>Gelykwater<br>Sandspruit<br>Papale<br>Slang<br>Womeni<br>Doring |
| **BK** | V32G, C11B, W53A | Assegaai<br>Klein Vaal<br>Unnamed tributary of the Slang |
| **KC** | V32G | Slang |
| **CD** | V32G | Dorpsruit<br>Unnamed river |
| **KD** | V32G | Dorpsruit |
| **DE** | W21B, V32G | Bloed<br>Tributary of the Eerstlingspruit |
| **EF1** | W21B | Jojosi<br>Unnamed tributary of the Jojosi |
| **EF2** | W21B | Jojosi<br>Unnamed tributary of the Jojosi |
| **FG** | W21K, W21B | Nondweni<br>Ntinini |
| **GH** | W12D, W21K | Mhlatuze<br>Mfule |
| **SGH** | W12A, W12B, W12D | Unnamed Tributary of the Nyawushane |
| **HI** | W12D | Mfule |
| **IJ** | W12D | Mefule<br>Mhlatuze |

| ALTERNATIVE LINK | CATCHMENT | RIVER CROSSINGS |
|---|---|---|
| | | Okula |
| **SIJ** | W21K, W21L, W12G, W12H | White Umfolozi<br>Nseleni<br>Munywana<br>Khwibi |
| **AM** | W42B, C11B, W53A, W42D | Vaal<br>Sandspruit<br>Ngwempisi<br>Hlelo<br>Assegaai<br>Unnamed River |
| **SAM** | W42D | Swartwater<br>Unnamed River |
| **MP** | W42B | None |
| **MN** | W21B, W42B | Mpemvana<br>Unnamed River<br>Limpopo River |
| **NL** | W21K, W21B | Wit Mfolozi |
| **GL** | W21K | Tributary of the Nyawushane |
| **LH** | W12D, W21K | Tributary of the Wit Mfolozi<br>Tributary of the Mfule |
| **AP** | W42B, C11B, W53A, W42D | Witpuntspruit<br>Vaal<br>Sandspruit<br>Ngwempisi<br>Hlelo<br>Assegaai<br>Swartwater<br>Wit<br>Tributary of the Pongolo |
| **PO** | W21K, W21B, W42B | Mpalaza<br>Mpemvana<br>Unnamed tributary of the Pongolo River<br>Mkuze<br>Unnamed tributary of the Mkuze<br>Sikwebezi<br>Black Mfolozi |
| **NO** | W21K, W21B | Thaka |
| **SNO1** | W22D, W21H | Thaka |
| **SNO2** | W21K, W21H | None |
| **OI** | W12D, W21K, W21B | Wit Mfolozi<br>Mfule |
| **SOI** | W12D, W12C, W12G, W21K, W21L | Nseleni<br>Munywana<br>Khwibi |

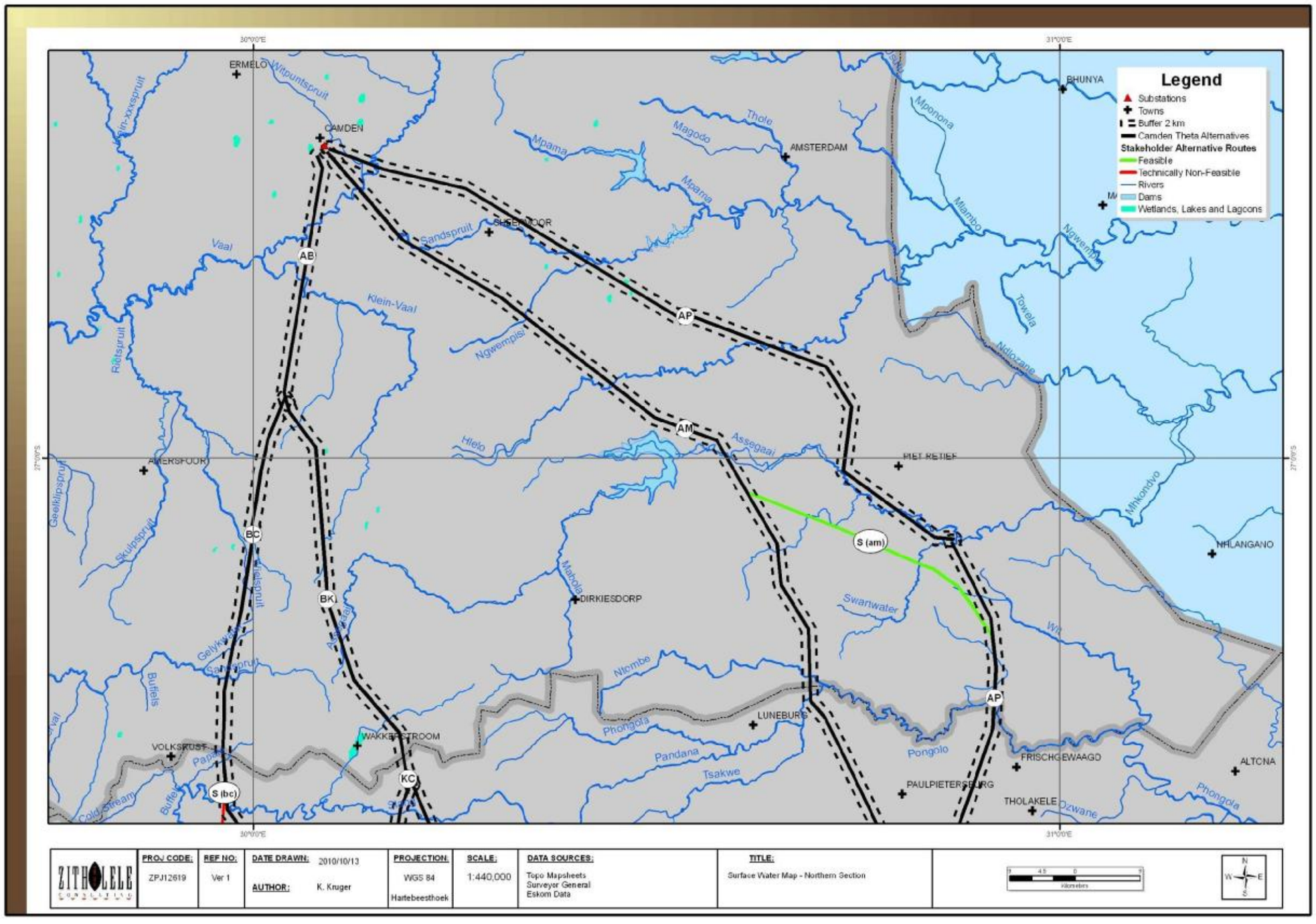


**Figure 5-1: Surface water and drainage features**

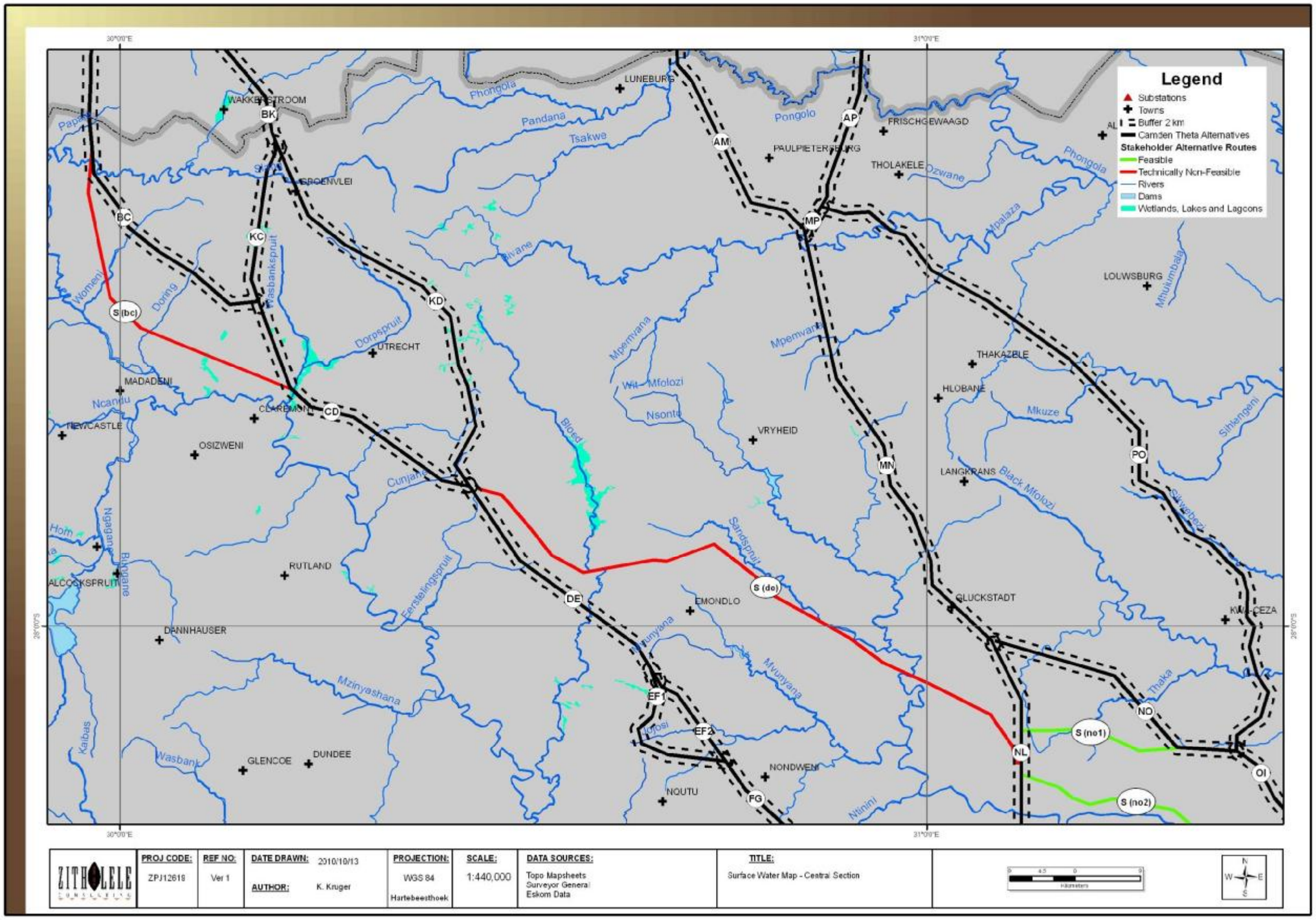


**Figure 5-2: Surface water and drainage features**

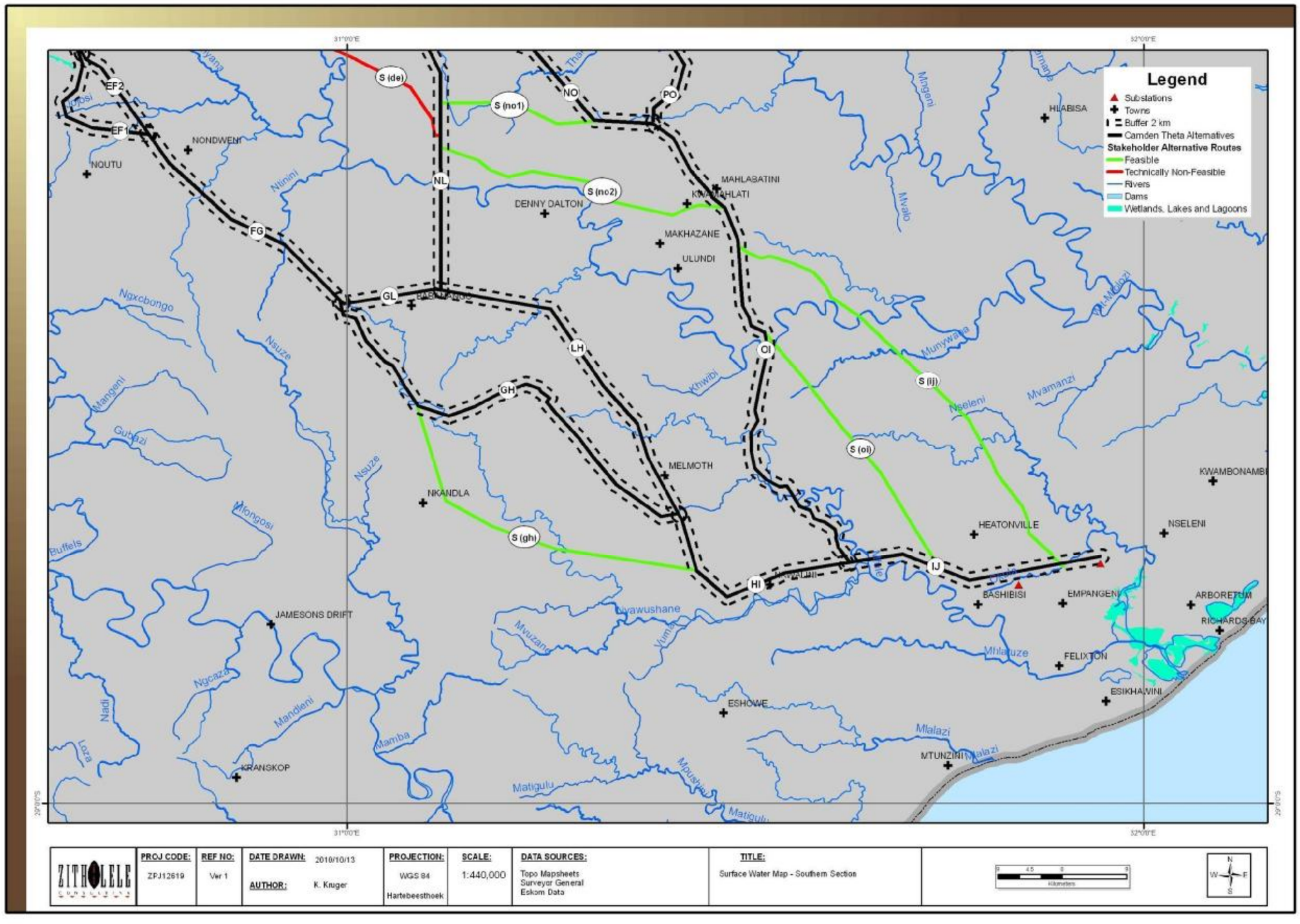


**Figure 5-3: Surface water and drainage features**

## 5.3 Sensitivities

Water bodies also provide important systemic functions in the landscape such as transportation of nutrients, weathering and deposition of soils, and formation of landscapes to mention a few. Water bodies also represent sensitive areas because they provide habitat for a wide variety of species terrestrial and aquatic species, particularly avifauna.

Several sensitive wetlands and other bodies are present in the study area, and these water bodies should be avoided as far as possible. The photos below are examples of a sensitive habitat to a range of avifauna and as such should be avoided. In order to identify, buffer and avoid these features a wetland and riparian zone delineation was undertaken as presented below.

**Figure 5-4: Sensitive water bodies: Wakkerstroom Wetland.**

**Figure 5-5: Sensitive water bodies: Groenvlei Wetland.**

**Figure 5-6: Sensitive water bodies: White Umfolozi River.**

# 6 WETLAND AND RIPARIAN ZONE DELINEATION

## 6.1 Data Collection and Methodology

### 6.1.1 Riparian Zones vs. Wetlands

***Wetlands***

The riparian zone and wetlands were delineated according to the Department of Water Affairs (DWA, previously known as the Department of Water Affairs and Forestry -DWAF) guideline, 2003: A practical guideline procedure for the identification and delineation of wetlands and riparian zones. According to the DWA guidelines *a wetland* is defined by the National Water Act as:

*"land which is transitional between terrestrial and aquatic systems where the water table is usually at or near surface, or the land is periodically covered with shallow water, and which land in normal circumstances supports or would support vegetation typically adapted to life in saturated soil."*

In addition the guidelines indicate that wetlands must have one or more of the following attributes:

- Wetland (hydromorphic) soils that display characteristics resulting from prolonged saturation;
- The presence, at least occasionally, of water loving plants (hydrophytes); and
- A high water table that results in saturation at or near surface, leading to anaerobic conditions developing in the top 50 centimetres of the soil.

During the site investigation the following indicators of potential wetlands were identified:

- Terrain unit indicator;
- Soil form indicator;
- Soil wetness indicator; and
- Vegetation indicator.

***Riparian Areas***

According to the DWA guidelines *a riparian area* is defined by the National Water Act as:

*"Riparian habitat includes the physical structure and associated vegetation of the areas associated with a watercourse which are commonly characterised by alluvial soils, and which are inundated or flooded to an extent and with a frequency sufficient to support vegetation of species with a composition and physical structure distinct from those of adjacent land areas"*

***The difference between Riparian Areas and Wetlands***

According to the DWA guidelines the difference between a wetland and a riparian area is:

*"Many riparian areas display wetland indicators and should be classified as wetlands. However, other riparian areas are not saturated long enough or often enough to develop wetland characteristics, but also perform a number of important functions, which need to be safeguarded… Riparian areas commonly reflect the high-energy conditions associated with the water flowing in a water channel, whereas wetlands display more diffuse flow and are lower energy environments."*

Delineation

The site was investigated for the occurrence / presence of wetlands and riparian areas, using the methodology described above and described in more detail in the DWA guidelines.

### 6.2 Terrain Unit Indicator

The study area ranges from 2,000 mamsl (metres above mean sea level) to less than 100 mamsl. The highest parts of the study area are in the northern western portions (Wakkerstroom and Groenvlei) and the lowest portions are in the south eastern portions of the study area (Empangeni).

Due to the size of the study area the topography varies from flat plains to deeply incised valleys as shown in Figure 2-1 to Figure 2-3.

As it can be seen from the map the routes start on the eastern Highveld (Ermelo, Amersfoort, Piet Retief) and traverse over the north-eastern escarpment (Volksrust, Wakkerstroom, Utrecht, Paul Pietersburg) before entering into the rolling hills of the KZN midland (Vryheid, Gluckstadt, Melmoth, Nqutu) and finally ending the route in the lowveld (Empangeni).

According to the DWA guidelines the valley bottom is the terrain unit where wetlands are most likely to occur, but the occurrence of wetlands is not excluded from any of the other terrain units.

### 6.3 Soil Form Indicator

Due to the large size of the site the soils on site were broken into management unit with similar characteristics. These were:

- Good and Average Agricultural Soils;
- Shallow Soils;
- Transitional and Clay (Poor Transitional) Soils; and
- Disturbed Soils / Hard Rock.

The transitional as well as the poor transitional soils identified in the soil assessment section could potentially be wetland soils as they have clay accumulation. The clay soils are mostly typical of the permanent and seasonal wetland zone while the transitional soils can be found in temporary wetland zones.

## 6.4 Soil Wetness Indicator

The soils on site were subjected to a soil wetness assessment. If soils showed signs of wetness within 50 cm of the soil surface, it was classified as a hydromorphic soil and divided into the following groups:

***Temporary Zone***

- Minimal grey matrix (<10%);
- Few high chroma mottles; and
- Short periods of saturation.

***Seasonal Zone***

- Grey matrix (>10%);
- Many low chroma mottles present; and
- Significant periods of wetness (>3 months / annum).

***Permanent Zone***

- Prominent grey matrix;
- Few to no high chroma mottles;
- Wetness all year round; and
- Sulphuric odour.

The clay soils that showed signs of wetness within the top 50 cm of the soil profile were identified and mapped as illustrated from Figure 3-1.

## 6.5 Vegetation Indicator

The vegetation units on site are described in Section 7 below and illustrated in Figure 7-1. The vegetation found in the moist grassland and the seepage zone vegetation units both have species present to indicate the presence of wetlands

## 6.6 Delineated Wetlands and Buffer Zones

According to the methodology that was followed for delineation of wetlands by DWA, there are wetlands present on site. It should however be noted that several of the so-called wetlands could also be classified as riparian zones as they follow the drainage path of the perennial and non-perennial streams on site. All the area's identified above perform critical ecosystem functions and also provide habitat for sensitive species. It is suggested that a 50m and 100m buffer be placed from the edge of the temporary zone in order to sufficiently protect the wetlands and riparian

zones. Figure 6-1 to Figure 6-3 below illustrates the various wetland and riparian zones as well as the buffers placed along the edge of the temporary zone.

Sensitivities

Several sensitive and important wetlands and water features were identified as mentioned in the surface water sections. These are indicated as red stars on the figures. The main features to be avoided include the following wetlands with route numbers in brackets:

- Wakkerstroom wetland, Langfontein Pan (BK); and
- Groenvlei (KC);

These features should be avoided by choosing alternative routes if possible.

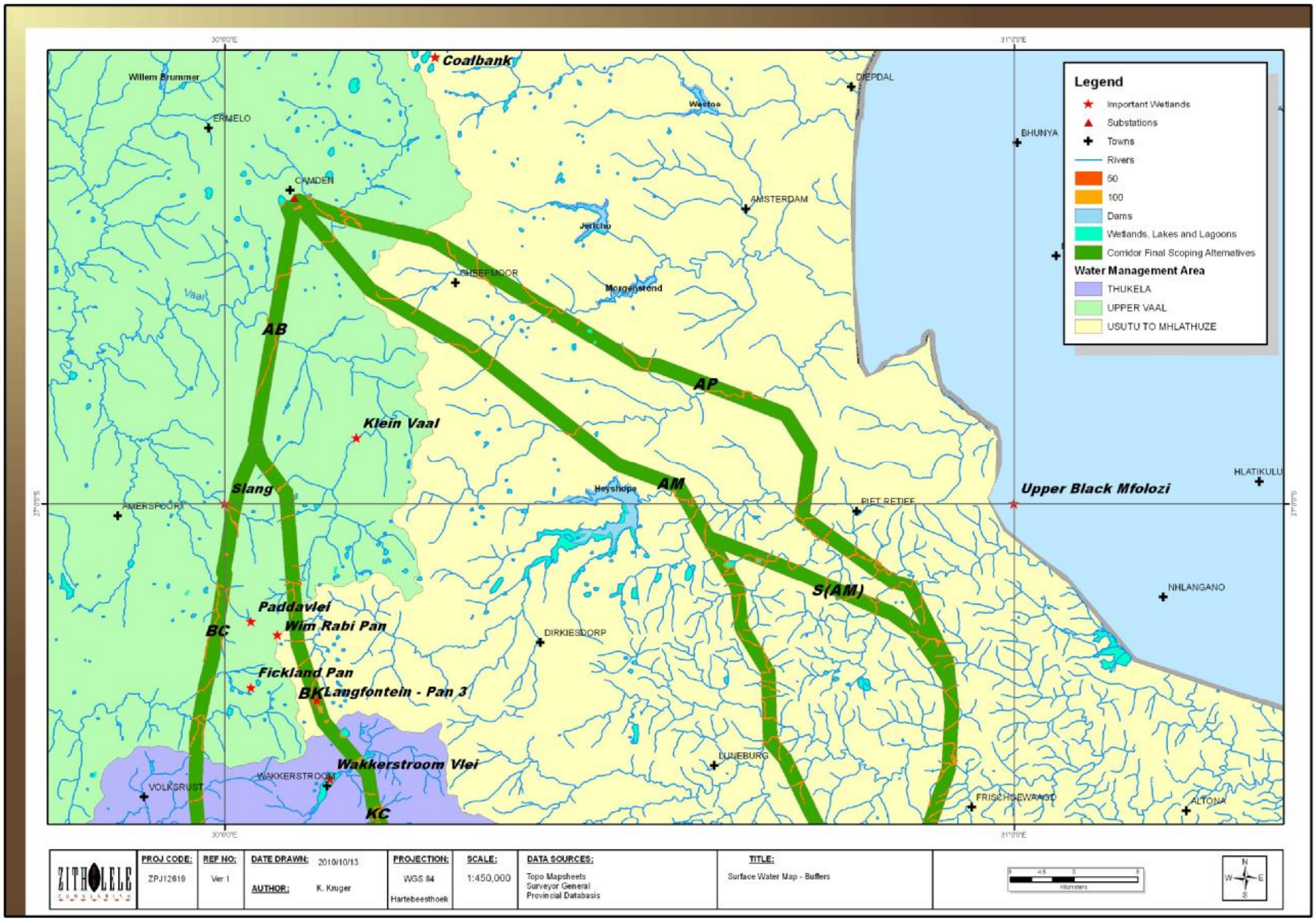


**Figure 6-1: Wetlands and Riparian Zones including buffer**

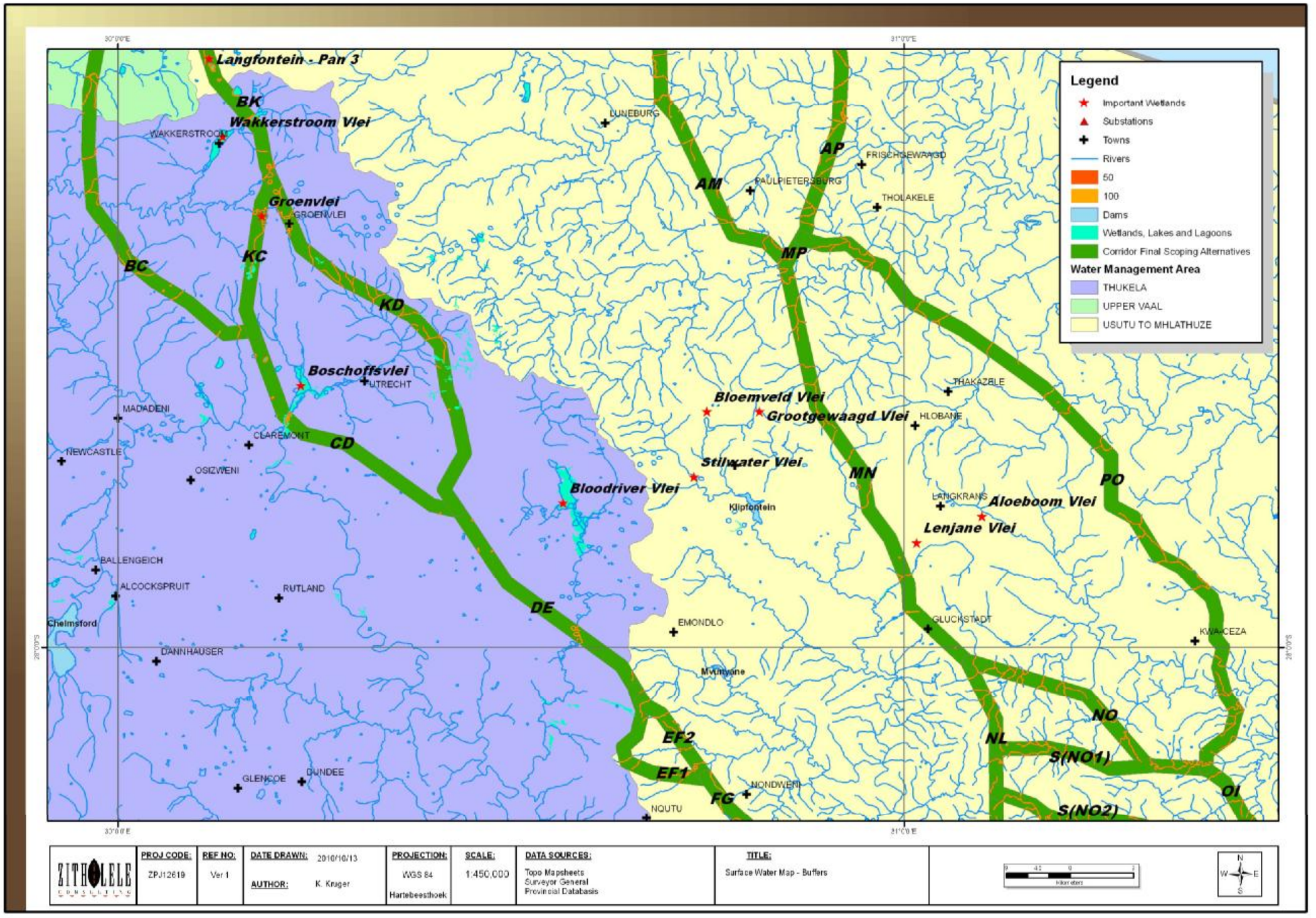


**Figure 6-2: Wetlands and Riparian Zones including buffer**

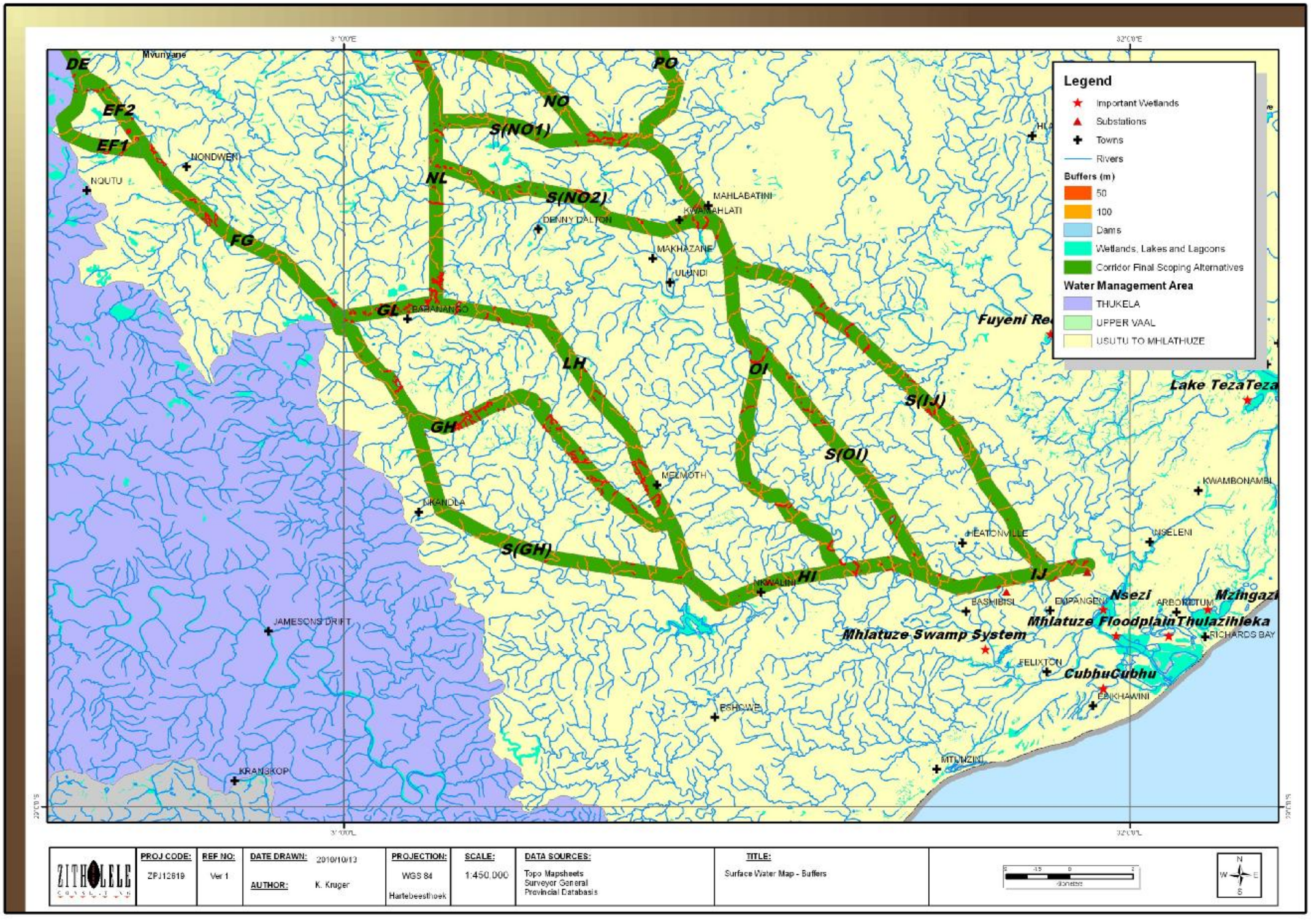


**Figure 6-3: Wetlands and Riparian Zones including buffer**

# 7 TERRESTRIAL ECOLOGY

## 7.1 Data Collection

A literature review of the faunal and floral species that could occur in the area was conducted. C-Plan data provided from the Mpumalanga and KwaZulu Natal provincial departments was used to conduct a desktop study of the area. This data consists of terrestrial components; ratings provide an indication as to the importance of the area with respect to biodiversity.

The study involved extensive fieldwork, a literature review and a desktop study utilizing GIS. Site investigations were conducted from October to February 2011, from spring to summer. The area within the servitude was sampled using transects placed at 500 m intervals. At random points along these transect an area of 20 m x 20 m was surveyed. All species within the 20 m x 20 m quadrant were identified, photographed and their occurrence noted. Sensitive features such as ridges or wetlands were sampled by walking randomly through the area concerned and identifying all species within the area.

The floral data below is taken from The Vegetation of South Africa, Lesotho and Swaziland (Mucina and Rutherford 2006). Also, while on site, the following field guides were used:

- Guide to Grasses of Southern Africa (Frits van Oudtshoorn, 1999);
- Field Guide to Trees of Southern Africa (Braam van Wyk and Piet van Wyk, 1997);
- Field Guide to the Wild Flowers of the Highveld (Braam van Wyk and Sasa Malan, 1998);
- Problem Plants of South Africa (Clive Bromilow, 2001); and
- Medicinal Plants of South Africa (Ben-Erik van Wyk, Bosch van Oudtshoorn and Nigel Gericke, 2002)

Species lists were obtained from the SIBIS (*South African National Biodiversity Institute - Accessed through the SIBIS portal, sibis.sanbi.org, 2011-01-25)*. In addition the following faunal guides were used on site and while compiling this report:

- Die Natuurlewe van Suider-Afrika, 'n veldgids tot diere en plante van die streek (Vincent Carruthers, 1997);
- Birds of Southern Africa (Ian Sinclair, 1994);
- Smithers' Mammals of Southern Africa, a field guide (Ed. Peter Apps, 2000);
- Sasol Owls and Owling in Southern Africa (Warwick Tarboton & Rudi Erasmus, 1998);
- Bats of Southern Africa (Peter John Taylor, 2000);
- Ecological Assessment Report Of The Three Alternative Transmission Powerline Route Corridors For The Proposed 765kv Transmission Power Line From Umfolozi Substation To The New Empangeni Sub-Station (Indiflora Environmental Services, 2007); and
- Ecological Assessment Specialist Report Of The Three Alternative Powerline Alignment Corridors For The Proposed 765kv Transmission Line From Majuba Power Station To Umfolozi Sub-Station (Indiflora Environmental Services, 2006).

## 7.2 Vegetation

### 7.2.1 Regional Description

The area under investigation straddles the Savanna and Grassland Biomes. Each biome comprises several bioregions which in turn has various vegetation types within the bioregion. The Grassland Biome is represented by Mesic Highveld Grassland, Sub-Escarpment Grassland bioregions. The Savanna Biome is respresented by the Lowveld and Sub-Escarpment Savanna bioregions. Each of these bioregions is described below. These descriptions are adapted from Mucina and Rutherford, 2006.

Mesic Highveld Grassland

Mesic Highveld Grassland is found mainly in the eastern, high rainfall regions of the Highveld, extending all the way to the northern escarpment. These are considered to be “sour” grasslands and are dominated by primarily andropogonoid grasses. The different grassland types are distinguished on the basis of geology, elevation, topography and rainfall. Shrublands are found on outcrops of rock within the bioregion, where the surface topography creates habitat in which woody vegetation is favoured above grasses.

As mentioned above the power line corridors were visited for a lengthy period of time and the following vegetation types were identified along the route:

- Amersfoort Highveld Clay Grassland
- Eastern Highveld Grassland;
- Paulpietersburg Moist Grassland; and
- KaNgwane Montane Grassland.

The vegetation types identified on site are indicated in Figure 7-1 below and described in detail below.

Sub-Escarpment Grassland

Sub-Escarpment Grassland is found on the rolling hills and flat plains of the foothills of the Drakensberg and Northern Escarpment. The physical nature of these areas is determined by the rate at which the landscape ascends to the main Escarpment region as well as the degree to which the landscape has been geomorphologically shaped. The result is a diversity of landforms including rolling hills and flat plains.

The following vegetation types from this bioregion were identified along the route:

- Northern Zululand Mistbelt Grassland
- Ithala Quartzite Sourveld
- Northern KwaZulu-Natal Moist Grassland
- KwaZulu Natal Highland Thornveld; and
- Income Sandy Grassland.

Lowveld

The Lowveld bioregion is found in the low-lying frost free areas near the coastline of South Africa. Here there is an abundance of typical savanna trees namely those members of the *Acacia* genus that along with the numerous grasses create the typical patchwork of grassy plains and clumps of trees. The following vegetation types were identified within the bioregion:

- Swaziland Sour Bushveld;
- Northern Zululand Sourveld;
- Zululand Lowveld; and
- Zululand Coastal Thornveld.

Sub-Escarpment Savanna

The Sub-escarpment Savanna is found typically just below the escarpment of South Africa's Drakensberg mountains and the northern escarpment as the name suggests. Here the drop in altitude and lack of frost allows the thorn trees to propagate and the vegetation changes from the grasslands to savanna. The following vegetation types were found along the corridors:

- Ngongoni Veld; and
- Eastern Valley Bushveld.

Inland Azonal Vegetation

The Azonal Vegetation bioregion is characterised by those vegetation units that is associated with inland water features such as riparian and wetland vegetation. Along the proposed route only one vegetation type was identified, namely Easter Temperate Freshwater Wetlands.

### 7.2.2 Site Description

Each of the vegetation types identified along the corridors are described in more detail below and shown in the maps below.

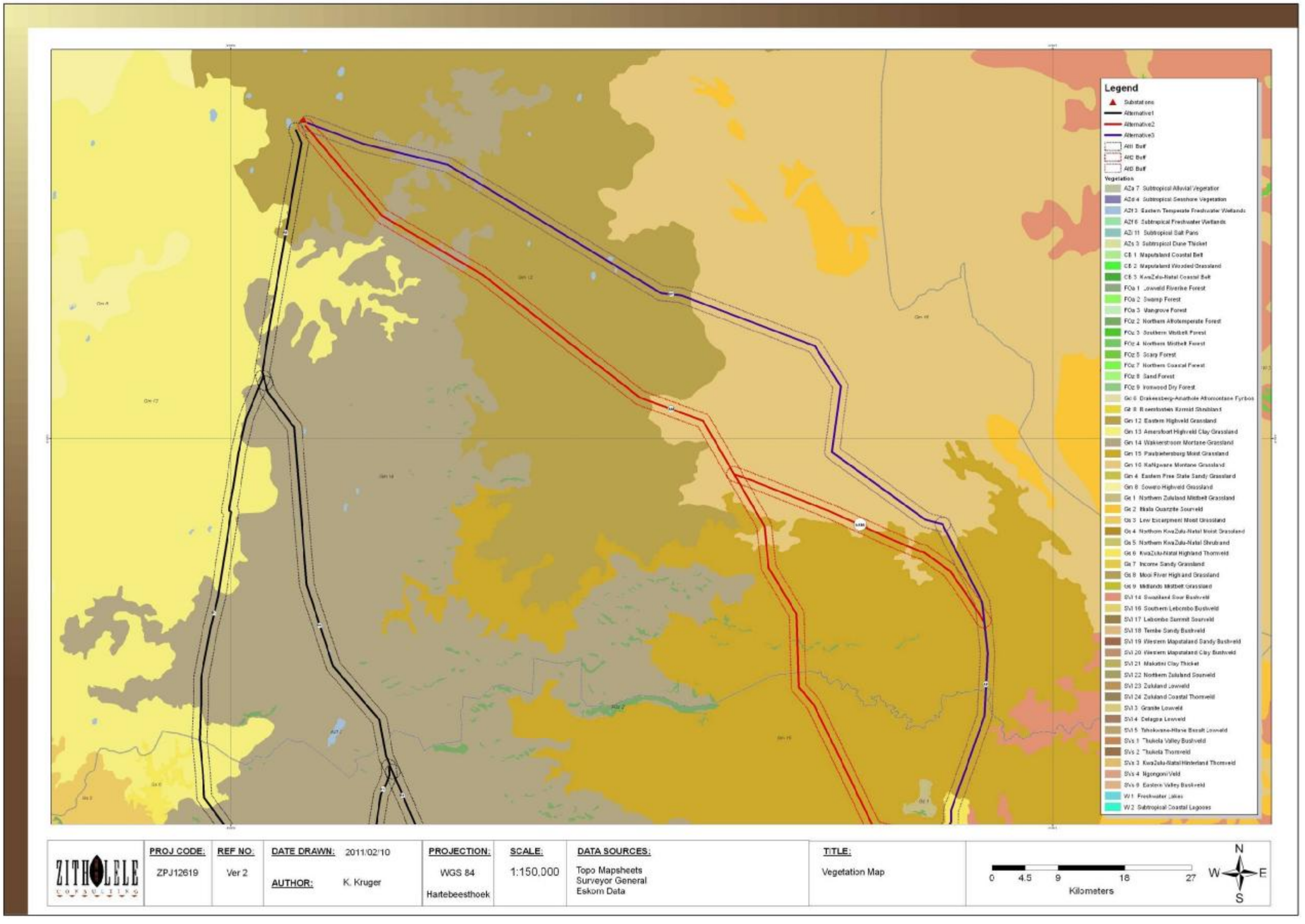


**Figure 7-1: Vegetation Map the site.**

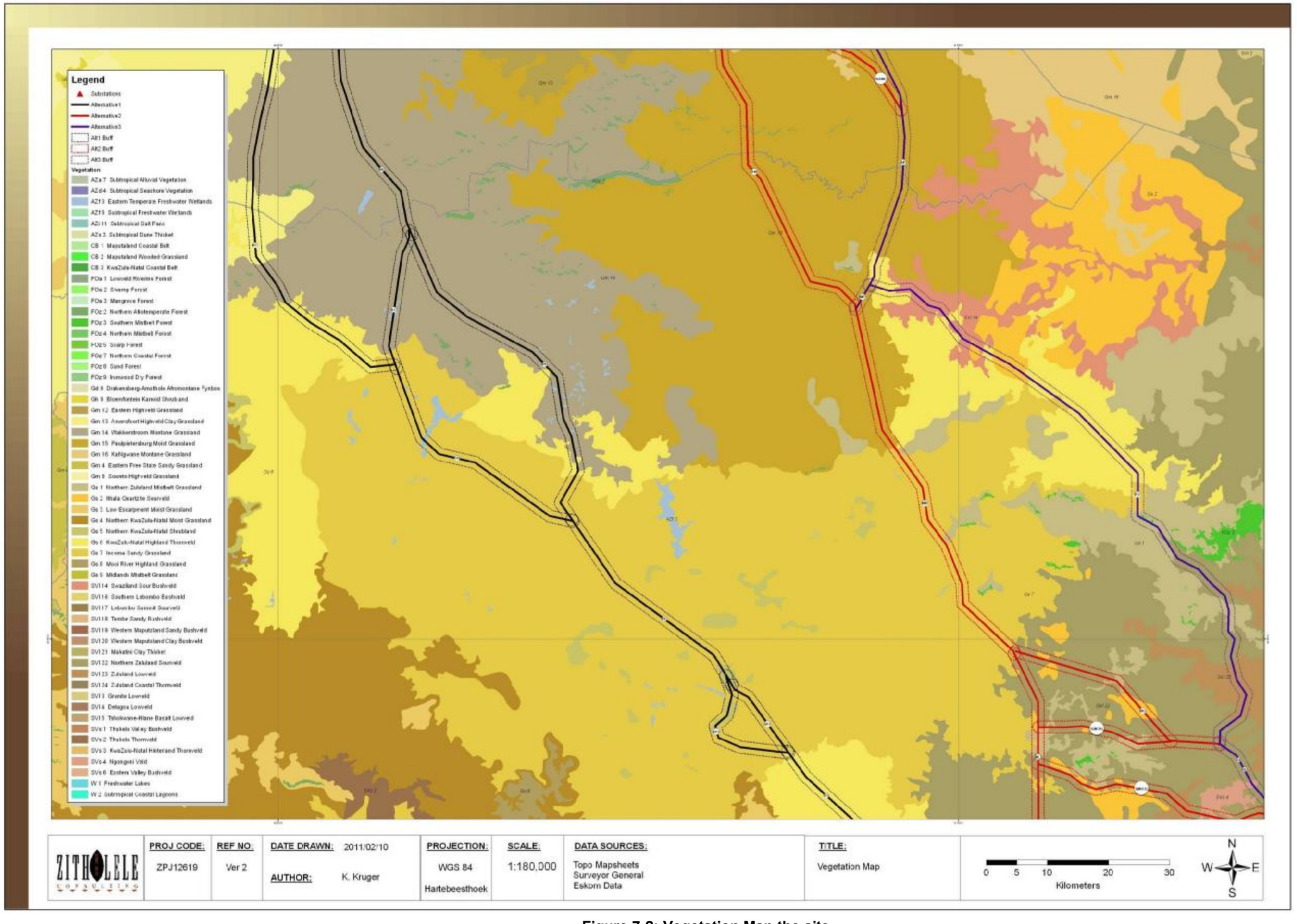


**Figure 7-2: Vegetation Map the site.**

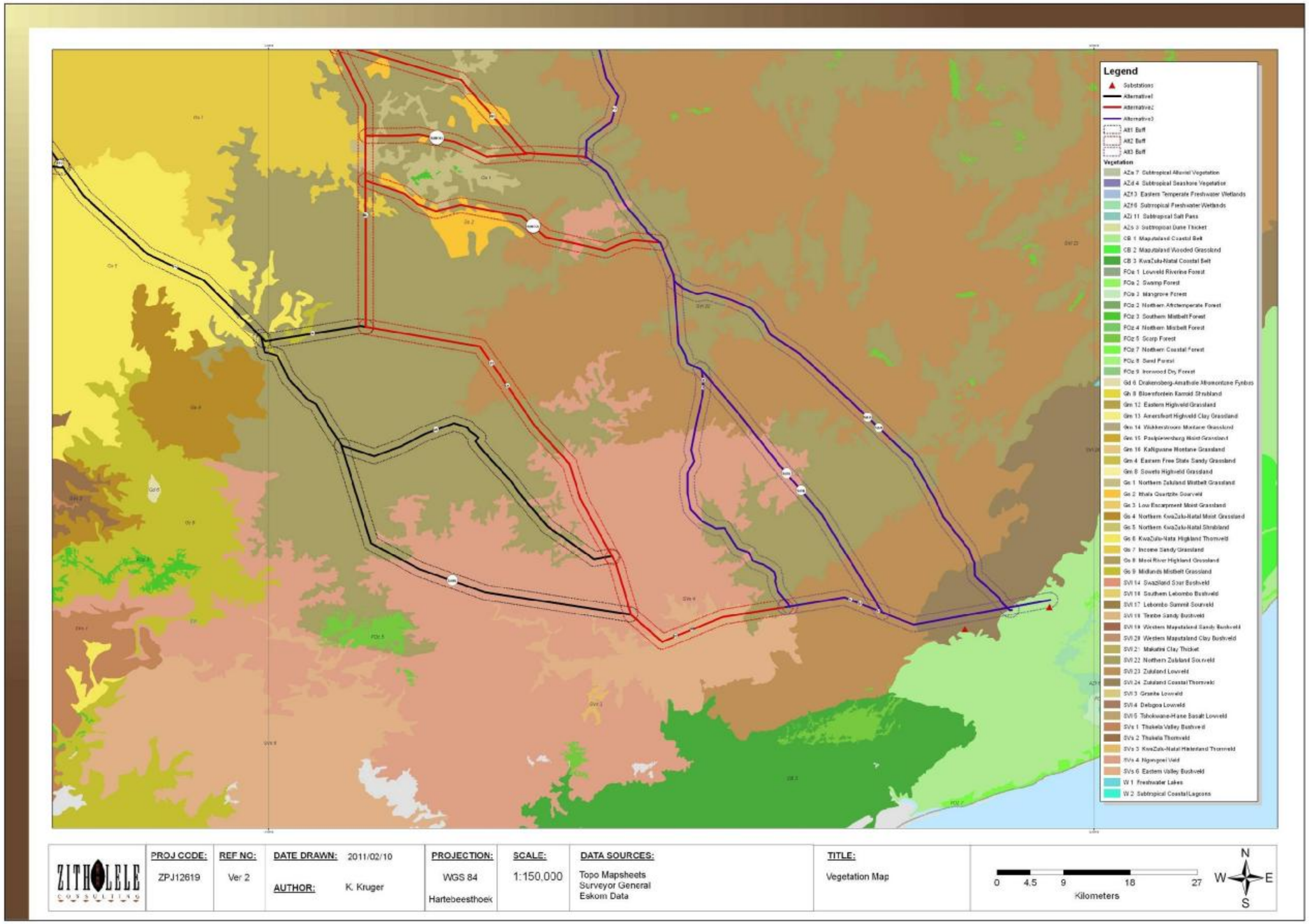


**Figure 7-3: Vegetation Map the site.**

Wetlands

**Eastern Temperate Freshwater Wetlands**

This vegetation unit is found throughout the Northern Cape, Eastern Cape, Free State, North-West, Gauteng, Mpumalanga and KwaZulu-Natal Provinces as well as in neighbouring Lesotho and Swaziland. It is based around water bodies with stagnant water (lakes, pans, periodically flooded vleis, and edges of calmly flowing rivers) and embedded within the Grassland Biome. These water bodies support zoned systems of aquatic and hygrophillous vegetation of temporary flooded grasslands and ephemeral herblands.

Due to the recent efforts of organisations such as Ramsar, this vegetation unit is now 4.6 % conserved and rated as least threatened. The following alien species are encountered in this type of wetland: *Bidens bidentata, Cirsium vulgare, Conyza bonariensis, Oenothera rosea, Physalis viscosa, Plantago lanceolata, Rumex crispus, Sesbania punicea, Schkuhria pinnata, Stenotaphrum secundatum* (native on South African coast, alien on Highveld*), Trifolium pratense, Verbena bonariensis, V. brasiliensis, and Xanthium strumarium*.

Areas around drainage lines/seepage areas were also added to this unit because of the similar vegetation that may occur in these areas. Seepage areas are seasonally wet areas that occur in sandy areas where water seeps into lowlying drainage lines after rains. These areas are usually covered by hygrophytes such as sedges and reeds. The dominant sedge in the study area is *Juncus rigidus*. Sometimes bulrush (*Typha capensis*) and reeds (*Phragmites australis*) also occurs.

**Figure 7-4: A wetland close to Groenvlei**

Wetlands are of a more permanent nature and occur in low-lying areas such as tributaries of streams and rivers. Here hydrophytes can be found. Typical plants are the Orange River Lily (*Crinum bulbispermum*), bulrush (*Typha capensis*) and reeds (*Phragmites australis*), sedges of the *Cyperus, Fuirena and Scirpus* genera also occur. The site had many drainage and seepage lines running into large streams and into dams. Many of the site drainage and seepage lines had associated wetland and riparian flora. This made these areas have a high species diversity in terms of both plants and animals and makes them have a high conservation level.

**Eastern Highveld Grassland**

The Eastern Highveld Grassland occurs in the Mpumalanga and the Gauteng provinces on the plains between Belfast in the east and the eastern side of Johannesburg in the west extending southwards to Bethal, Ermelo and west of Piet Retief. The landscape is slightly to moderately undulating plains, including some low hills and pan depressions. The vegetation is short dense grassland dominated by the usual Highveld grass composition (*Aristida, Digitaria, Eragrostis, Themeda, Tristachya, etc.*) with small scattered rocky outcrops with wiry, sour grasses and some woody species (*Arcacia caffra, Celtis Africana, Diospyros luciodes subspecies lycioides, Parinari capensis, Protea caffra, P. Welwitschii and Rhus magalismontanum*).

**Figure 7-5: Eastern Highveld Grassland found to the south of Camden Power Station.**

This vegetation unit is considered endangered with a conservation target of 24%. Only a very small fraction is conserved in statutory reserves (Nooitgedacht dam and Jericho dam Nature Reserves) and in private reserves (Holkranse, Kransbank, Morgenstond). Approximately 44% is transformed primarily by cultivation, plantations, mines, urbanisation and by the building of dams. Cultivation may have had a more extensive impact, indicated by land-cover data. No serious alien invasions are reported, but *Acacia mearnsii* can become dominant in disturbed areas.

**Wakkerstoom Montane Grassland**

**Figure 7-6: Wakkerstroom Montane Grassland en route to Groenvlei.**

The Wakkerstroom Montane Grassland occurs in the KwaZulu-Natal and Mpumalanga provinces. It occurs from the escarpment just north of Sheepmoor (north) to southeast of Utrecht, and then from the vicinity of Volksrust in the west to Mandhlangampisi Mountain near Lunebrg in the east

This unit is a less obvious continuation of the escarpment that links the southern and northern Drakensburg escarpments. It straddles this divide and is comprised of low mountains and undulating plains. The vegetation comprises predominantly short montane grasslands on the plateaus and the relatively flat area, with short forest and *Leucosidea* thickets occurring along steep, mainly east facing slopes and drainage areas. *L. Sericea* is the dominant woody pioneer species that invades areas as a result of grazing mismanagement.

This unit is less threatened with a conservation target of 27%, however less than 1% is statutorily protected in the Paardeplaats Nature Reserve. There are 10 South African Natural Heritage Sites in this unit, although very little of it is formally protected. Land use pressures from agriculture are low (5% cultivated) probably owing to the colder climate and shallower soils. The area is also suited to afforestation, with more than 1% under *Acacia mearnsii* and *Eucalyptus* plantations. The black wattle (*Acacia mearnsii*) is an aggressive invader of riparian areas and the erosion potential is very low.

**Paulpietersburg Moist Grassland**

The Paulpietersburg Moist Grassland is located in both the Mpumalanga and KwaZulu-Natal provinces, mainly in the broad surrounds of Piet Retief, Paulpietersburg, and Vryheid, extending westwards to east of Wakkerstroom. This unit occurs in the upper most catchments of the Pongola River.

The unit is mainly undulating with moderately steep slopes, but valley basins are wide and flat and mountainous areas occur mostly along the northern and eastern boundary. Tall closed grassland rich in forbs and dominated by *Tristachya leucothrix, Themda triandra and Hyparrhenia hirta*. Evergreen woody vegetation is characteristic on rocky outcrops.

The unit is seen as vulnerable with a conservation target of 24%. Only a very small portion is statutorily conserved in Witbad, Vryheid Mountain, Paardeplaats and Phongola Bush Nature Reserves. Some private reserves protect small patches (Rooikraal, Mhlongamvula, Kombewaria). About one third is already transformed by plantations or cultivated land. Heavy livestock grazing and altered fire regimes have greatly reduced the area of grasslands of high conservation value. Aliens such as species of Acacia, Eucalyptus and Pinus are a major concern in places. The erosion potential is very low.

**Figure 7-7: PaulPietersburg Moist Grassland**

**KaNgwane Montane Grassland**

The KaNgwane Montane Grassland is situated in Mpumalanga and Swaziland, and marginally into northern KwaZulu-Natal. The unit occurs along the gentle slopes of the Escarpment from the Phongolo Valley in the south, northwards to the Usutu Valley and to the uppermost Lomati Valley near Carolina, including the western grassland areas of Swaziland.

**Figure 7-8: Plantations.**

The vegetation unit largely comprises of undulating hills and plains that occur on the eastern edge off the escarpment. This unit is transitional between the Highveld and the escarpment and contains elements of both. The vegetation structure comprises of a short closed grassland layer with many forbs, and a few scattered shrubs on the rocky outcrops.

This unit is considered vulnerable with a conservation target of 27%. Only 0.4% is protected within formally proclaimed nature reserves (Malalotja, Nooitgedacht Dam, and Songimvelo). A number of private conservation areas protect small patches of this unit. It is well suited for afforestation and 30% has already been converted to plantations of alien trees. A further 6% is under cultivation.

**Amersfoort Highveld Clay Grassland**

The Amersfoort Highveld Clay Grassland occurs in the Mpumalanga and KwaZulu-Natal provinces. This vegetation unit extends in a north-south band from just south of Ermelo, down through Amersfoort to the Memel area in the south. The vegetation unit is comprised of undulating

grassland plains, with small scattered portions of dolerite outcrops in areas. The vegetation is comprised of a short closed grassland cover, largely dominated by a dense *Themeda triandra* sward, often severely grazed to form a short lawn

The Amersfoort Highveld Clay Grassland is considered vulnerable. The conservation target for this unit is 27% but none is protected. Some 25% of the unit is transformed, predominantly by cultivation (22%). The area is not suited to afforestation. Silver and black wattle (Acacia species), and *Salix babylonica* invade drainage areas. The erosion potential is however very low.

**Figure 7-9: Amersfoort Clay Grassland with Blue Cranes in the background**

**Northern Zululand Misbelt Grassland**

The Northern Zululand Misbelt Grassland is, as the name suggests, located in KwaZulu-Natal specifically on the crests and slopes of the Ngome Mountain range and the Ngoje Mountain surrounding Louwsburg as well as some smaller mountainous areas of Langkrans, KwaCeze, KwaNtimbankulu and Nhlazatshe. Located on gentle to steep upper slopes of mountains formed by hard dolerite dykes dominated by relatively forb-rich, tall sour *Themeda triandra* grasslands.

This vegetation unit is seen as vulnerable with a 23% conservation target. Only about 3% is statutorily conserved in the Ithala Nature Reserve and in the Ntendeka Wilderness Area of the Ngome State Forest. Some 22% has been transformed for plantations or cultivated land. Threats

to the remaining grasslands are heavy selective grazing by livestock and extensive annual burning. Spread of alien *Acacia mearnsii* and Eucalyputs species is a serious concern.

**Figure 7-10: Northern Zululand Mistbelt Grassland**

**Income Sandy Grassland**

The Income Sandy Grassland is located in the KwaZulu-Natal province in a large triangle between Newcastle, Vryheid and Dundee and a larger polygon in the Wasbank area in northern KwaZulu-Natal. The vegetation unit occurs in very flat extensive areas with generally shallow, poorly drained, sandy soils supporting low, tussock-dominated sourveld forming a mosaic with wooded grasslands (with *Acacia sieberiena* var. *woodii*) and on well-drained sites with the trees *A. Karroo*, *A. Nilotica*, *A. Caffra* and *Diospyros lyciodes*. On disturbed sites *A. Sieberiana* var. *woodii* can form sparse woodlands. *Aristida congesta*, *Cynodon dactylon* and *Microchloa caffra* are common on shallow soils.

**Figure 7-11: Income Sandy Grassland to the south of Utrecht.**

The vegetation unit is considered vulnerable with a conservation target of 23%. None of this vegetation unit is currently in statutory conservation areas. Approximately 27% has been transformed for cultivation, plantations and by urban sprawl. A small portion of the area has been lost due to the building of dams (Klipfontein and Mvunyane). No serious invasions of aliens have been observed (probably due to the low nutrient status of the soils).

**Northern KwaZulu-Natal Shrubland**

The Northern KwaZulu-Natal Shrubland is located in the KwaZulu-Natal province with a widely scattered group of patches. The unit is embedded within sub-escarpment grassland units of Northern KwaZulu-Natal Moist Grassland, KwaZulu-Natal Highland Thornveld, and Income Sandy Grassland units, from Ladysmith in the west to Vryheid in the northeast. Large portions of this unit are found in the surrounds of Newcastle.

**Figure 7-12: Northern KZN Shrubland just to the north of Newcastle**

The landscape comprises of small dolerite koppies and steeper slopes of ridges with sparse grass cover and typical occurrence of scattered shrubland pockets (and locally also thickets). *Acacia caffra, A. natalitia*, *Clerodendrum glabrum, Diospryos lycioides, Rhus pyroides, R. pentheri, Scutia myrtina* etc are the most prominent shrubs and small trees.

This vegetation unit is classified as least threatened with a conservation target of 23%. Currently less than 1% is statutorily conserved in the Spioenkop Nature Reserve and about 3% is transformed by cultivation.

**Ithala Quartzite Sourveld**

The Ithala Quartzite Sourveld occurs in the Mpumalanga and KawZulu-Natal provinces. The unit is confined to large quartzite patches that occur from Amsterdam, southwards east of Piet Retief and through Mahamba, to the Paris dam and Ithala Game Reserve, with isolated outcrops near Magudu. This unit is located in low mountain ranges and undulating hills with rocky lowlands. The general pattern is a mosaic of woody shrubs and small trees in rocky areas, interspersed in the grass layer. The vegetation structure varies according to altitude and rockiness, but the basal density of the grass sward is relatively low. This unit occurs in the zone between Grassland and Savanna where the dominant grassland gives way to woodland as elevation decreases. The grasslands are species rich covering a variety of altitudes but sharing common species unique to the dystrophic quartzite geology.

This vegetation unit is considered least threatened and the 27% conservation target has not been reached. A total of 10% of this unit is protected within the Ithala Game Reserve. Land use pressures on this unit are low, probably because of its low nutrient status and rocky nature. Approximately 5 % is under plantations and a further 5% has been transformed into cultivated land.

Savanna Biome

Most Savanna has an herbaceous layer usually dominated by grass species and a discontinuous to sometimes very open tree layer. The following Savanna vegetation units are present in the proposed study area:

- Eastern Valley Bushveld;
- Swaziland Sour Bushveld;
- Zululand Lowveld;
- Northern Zululand Sourveld;
- Ngongoni Veld; and
- Zululand Coastal Thornveld.

**Eastern Valley Bushveld**

The Eastern Valley Bushveld is characteristic of the KwaZulu-Natal and Eastern Cape provinces, occurring in deeply incised valleys of rivers including the lower reaches of the Thukela, Mvoti, Mgeni, Mlazi, Mkhomazi, Mzimkulu, Mzimkulwana, Mtamvuna, Mtentu, Msikaba, Mzimvubu (and its several tributaries), Mthatha, Mbhashe, Shixini, Qhorha and Great Kei Rivers. This vegetation unit very seldom extends to the coast.

**Figure 7-13: Eastern Valley Bushveld with Aloes in the foreground and Euphorbia in the background.**

The unit comprises of semi-deciduous savanna woodlands in a mosaic with thickets, often succulent and dominated by species of Euphorbia and Aloe. Most of the river valleys run along a northwest-southwest axis which results in unequal distribution of rainfall on respective north-facing and south-facing slopes since the rain-bearing winds blow from the south. The steep north-facing slopes are sheltered from the rain and also receive greater amounts of insulation adding to xerophilous conditions on these slopes.

This unit is considered least threatened with a conservation target of 24%. Only 0.8% is statutorily conserved, mainly in the Luchaba Wildlife Reserve and small patches are also conserved in the Oribi Gorge Nature Reserve. Approximately 15% has been transformed mainly by cultivation. Alien invasive species are a serious threat with *Chromolaena odorata, Lantana camara* and *Caeslpinia decapetala* being most problematic.

**Swaziland Sour Bushveld**

The Swaziland Sour Bushveld is located in the Mpumalanga province, Swaziland and marginally in KwaZulu-Natal. It occurs from Badplaas, Tjakastad east to the Piggs Peak area in the north, southwards through valleys around Manzini and slopes around the Grand Valley, with some isolated mountain outcrops in the lowveld plains, for example the Nkambeni Hills and the Bulungu Mountains.

The vegetation is characteristic of an open to closed, medium to tall tree layer with a closed well-developed grass layer. The landscape is very hilly with moderate to steep slopes. The unit is considered vulnerable with a conservation target of 19%. Only about 6% is statutorily conserved in mainly the Songimvelo, Ithala and Malalotja Nature Reserves, and a further 0.5% is conserved in the Mlilwane Game Sanctuary in Swaziland. Approximately 21% of this unit has been transformed by cultivation and plantations.

**Figure 7-14: Swaziland Sour Bushveld.**

**Zululand Lowveld**

The Zululand Lowveld occurs in the KwaZulu-Natal province, Swaziland and Mpumalanga province with the main extent occurring from around Big Bend south of Mkuze, Hluhluwe, Ulundi to just north of the Ongoye Forest. An isolated patch is found in the Swaziland-Mpumalanga border.

The landscape is extensively flat or only slightly undulating supporting a complex of various bushveld units ranging from dense thickets of *Dichrostachys cineria* and *Acacia* species, through park-like savanna with flat topped *A. tortilis* to tree dominated woodland with broad-leaved open bushveld with *Sclerocarya birrea* subspecies *caffra* and *A. Nigrescens*. Tall grassland types occur

with sparsely scattered solitary trees and shrubs from a mosaic with the typical savanna thornveld, bushveld and thicket patches.

**Figure 7-15: Zululand Lowveld**

This unit is considered vulnerable with a conservation target of 19%. Approximately 11% is statutorily conserved mainly in the Hluhluwe-iMolozi Park and Phongolapoort Nature Reserve. Almost 1% is protected in the private Masibekela Wetland. Much of the area between Magudu, Mkuze and Nongoma is managed as private game farms and lodges. Approximately 26% of the area has been transformed, mostly by cultivation.

**Northern Zululand Sourveld**

The Northern Zululand Sourveld occurs in the KwaZulu-Natal province and in Swaziland, from the Lusthof area in Swaziland southwards with scattered patches in northern Zululand in the surrounds of Hlomohlomo, east of Louwsburg, Nongoma and the vicinity of Ulundi including Nkandla. It occurs in the highest altitudes of the Hluhluwe-iMfolozi Park. The dominant structural vegetation type in this unit is wooded grassland, in places pure sour grasslands occur and rarely dense bushveld thickets. The terrain is low, undulating mountains and sometimes highly dissected.

This unit is considered vulnerable with a 19% conservation target. Only 4% is statutorily conserved, mainly in the Hluhluwe-iMfolozi Park and the Ithala Game Reserve. Approximately 22% of this unit is already transformed, mainly by cultivation and plantations.

**Figure 7-16: Northern Zululand Sourveld.**

**Ngongoni Veld**

Th Ngongoni Veld is located in the KwaZulu-Natal and Eastern Cape provinces, from Melmoth in the north to near Libode in the former Transkei (including Eshowe, New Hanover, Camperdown, Eston, Richmond, Dumisa, Harding, Lusikisiki and the Libode area). The vegetation is dense, with tall grassland overwhelmingly dominated by unpalatable, wry Ngongoni grass (*Aristida junciformis*), with this monodominance associated with low species diversity. Wooded (thornveld) areas are found in valleys at lower altitudes, where this vegetation unit grades into KwaZulu-Natal Hinterland Thornveld and Bhisho Thornveld. Termitaria, support bush clumps with Acacia species*, Cussonia spicata, Ziziphus mucronata, Coddia rudis, Ehretia rigida* etc.

This unit is considered vulnerable with a 25% conservation target. Only less than 1% of this unit is statutorily conserved in the Ophathe and Vernon Crookes Nature Reserves. Approximately 39% has been transformed for cultivation, plantations and urban development.

**Figure 7-17: Ngongoni Veld to the south of Melmoth**

**Zululand Coastal Thornveld**

The Zululand Coastal Thornveld only occurs the KwaZulu-Natal province, immediately west of Mtubtuba (in the north) and Empangeni (in the south) bisected by the iMfolozi River, extending westwards for 10-20km. The area is characteristic of gently rolling landscapes supporting wooded grassland dominated by *Themeda triandra*. The bush clumps are a strong feature and are more numerous on deeper soils, with *Phoenix reclinata* and *Gymnosporia senegalensis* usually dominant. These plant communities are species rich relative to the surrounding vegetation units. They grade into dense Acacia woodland on dry slopes and riverine bushland thickets and Lowveld Riveriene Forest in valley bottoms.

**Figure 7-18: Sugar Cane Fields near Empangeni**

This unit is considered endangered with a 19% conservation target. None of the area is protected in statutory conservation areas. It is highly transformed (58%), mostly by cultivation. This is high potential agricultural land, which is already much transformed to sugar cane. Most of the area is communal land. Large areas close to towns, such as Mtubatuba, are becoming an urban sprawl. Very little of the natural plant communities remain intact, heavy grazing has depleted the grasslands and wood harvesting has depleted the bush clumps, reducing them to the resistant and less useful species. Stunted forms of many of the woody species (e.g. *Euclea, Diospyros, Gymnosporia, Maytenus*) invade the grasslands in many places. Currently it is rare to find a site still with its natural plant composition. *Themeda triandra*, a 'decreaser species' has declined to critically low levels. Alien plant invasions are a threat, with Chromolaena odorata being the most problematic.

**KwaZulu Natal Highland Thornveld**

The KwaZulu-Natal Highland Thornveld vegetation unit is occurs in the KwaZulu-Natal province, in patches scattered immediately above the Eastern Valley Bushveld unit, in river valleys mainly the Mpisi (in the Thukela River catchment), Mvoti, Umgeni (below the Howick falls), Mlazi, Lufafa (vicinity of Ixopo) and Mtungwane (tributaries of the Mkomazi).

The vegetation is open thornveld dominated by Acacia species on undulating plains found on upper margins of river valleys. This unit is considered vulnerable with a 25% conservation target. None of this unit is currently conserved in statutory conservation areas. Approximately 22% has already been transformed by cultivation and some urban or built-up areas.

Indian Ocean Coastal Belt

The Indian Ocean Coastal Belt (IOCB) covers the seaboard in the KwaZulu-Natal and Eastern Cape provinces. This coastal belt in its subtropical facies extends beyond the national borders into Mozambique as far north as the Limpopo River mouth. The Maputaland Coastal Belt is the only vegetation unit from the Indian Ocean Coastal Belt biome in the proposed study area, a description of this unit is provided below:

**Maputaland Coastal Belt**

The Maputaland Coastal Belt occurs in the KwaZulu-Natal province (and continues into southern Mozambique), and occurs in an up to 35km broad strip along the coast of the Indian Ocean stretching from the Mozambique border in the north to Mtunzini in the south.

**Figure 7-19: Maputaland Coastal Belt.**

The landscape is characteristic of a flat coastal plain originally probably densely forested in places with a wide range of interspersed non-forest plant communities including dry grasslands (which include palm veld where special conditions prevail), hydrophilous grasslands and thicket groups. Today the vegetation landscape is composed of various forest types (separated into different vegetation units), thickets, primary and secondary grasslands, extensive timber plantations and cane fields.

This vegetation unit is classified as vulnerable with a conservation target of 25%. About 15% is statutorily conserved in the Greater St Lucia Wetland Park as well as Zileza, Enseleni and Amathikulu Nature Reserves. More than 30% has been transformed for plantations and cultivation and by urban spawl. Aliens include scattered populations of *Chromolaena odorata and Lantana camara*. This vegetation type has a relatively high number of plant taxa at the southernmost and northernmost limits of their distribution range.

Forests

Indigenous forests in South Africa is defined as "a generally multilayered vegetation unit dominated by trees (largely evergreen or semi-deciduous), whose combined strata have overlapping crowns (i.e. the crown cover is 75% or more), and where graminoids in the herbaceous stratum (if present) are generally rare". The following types of forests are present in the study area and are outlined below:

- Northern Afrotemperate Forests; and
- Southern Misbelt Forests.

**Northern Afrotemperate Forests**

The Northern Afrotemperate Forests occur in the Free State, KwaZulu-Natal, Mpumalanga, North West, Gauteng and Limpopo provinces (as well as Lesotho), they are restricted to mountain kloofs and low ridges (Strydpoortberg, Waterberg, Pilanesburg, Witwatersrand, Magaliesburg, Suikerbosrand, Sekhukhuneland) interrupting the relatively flat northern Highveld. This group aso comprises forests found in kloofs along the northern and eastern flanks of the Drakensburg and those found on the slopes and scarps of Low Escarpment between Van Reenen's Pass and Pongola Bush near Piet Retief. The westernmost localities of these forests are found in the Koranaberg (close to Thaba 'Nchu).

This vegetation unit is characteristic of relatively species-poor forests of afromontane origin and some of them still show clear afromontane character. They can be found in small patches in kloofs and on sub-ridge scarps at high altitudes. The canopy is usually dominated by *Podocarpus latifolius, Olinia emarginata, Halleria lucida, Scolopia mundii*, and rarely also by *Widdringtonia nodiflora*, in drier facies also by *Pittosporum viridiflorum, Celtis Africana, Mimusops zeyheri, Nuxia* congest and *Combretum erythrophyllum. Xymalos monospora* sometimes dominate patches of species-poor mistbelt forests of northern KwaZulu-Natal.

This vegetation unit is considered least threatened with a conservation target of 31%. Approximately 30% is statutorily conserved in uKhahlamba Drakensburg Park, Phongols Bush, Vryheid Mountain, Poccolan/Robinson;s Bush, Ngome and Ncandu Nature Reserves, Magaliesburg Nature Area, Merville Ridge, Paardeplaats, Rustenburg, Suikerbosrand Nature Reserves, Marekele National Park and Pilanesburg Game Reserve . Some private nature reserves (e.g. Mooibron, Mhlongamvula, Tafelkop, Oudehoutdraai, Oshoek, and Ossewakop) protect some

patches too. Occasional hot fires encroaching from the surrounding savanna woodlands, uncontrolled timber extraction, medicinal-plant harvesting, and grazing in forest can be viewed as current major threats.

**Figure 7-20: Northern Afrotemperate Forest**

**Southern Misbelt Forests**

The Southern Misbelt Forests occur in the KwaZulu-Natal and Eastern Cape provinces. These forest vary in size and occur in fire-shadow habitats on south and southeast facing slopes and located along the Great Escarpment, spanning a large area from Somerset East, the Amothole Mountains, scarps of Transkei to the KwaZulu-Natal Midlands as far east as Ulundi. In KwaZulu-Natal these forests are found in a wide band sandwiched between the Drakensburg Montane Forests and Northern KwaZulu-Natal Misbelt Forests at higher altitudes and Eastern Scarp Forests at lower altitudes.

On the Great Escarpment (Amothole, Transkei Escarpment) and in the KwaZulu-Natal Midlands these forests are tall (15-20m tall) and multilayered (having two layers of trees, a dense shrubby understorey and a well-developed herb layer). The forests found on low-altitude scarps are low (in places having the character of a shrub forest), and although less structured into different tree layers, they are still species rich. The tall forests show a mix of coarse-grained, canopy gap/disturbance driven dynamics and fine-grained, regeneration characteristics. Further east (Transkei, KwaZulu-Natal Midlands) *Podocarpus henkelii* become prominent in the canopy layer. Deciduous elements play an important role.

**Figure 7-21: Southern Mistbelt Forest on the south slope of a mountain**

Disturbance

A major factor found all over the study area is the disturbance of the natural vegetation. Large tracks of land have been changed by cultivation (forestry and sugarcane), mining (coal) and urbanisation. In addition to these there is the impact of subsistence living. Large sections of the tribal lands in Kwazulu Natal have been steadily changed in species composition through years of communal grazing, burning and agriculture. Figure 7-23 below provides an illustration of the scale of the disturbance across the study area. Some examples are also shown below.

**Figure 7-22: Disturbances to natural vegetation found along the route**

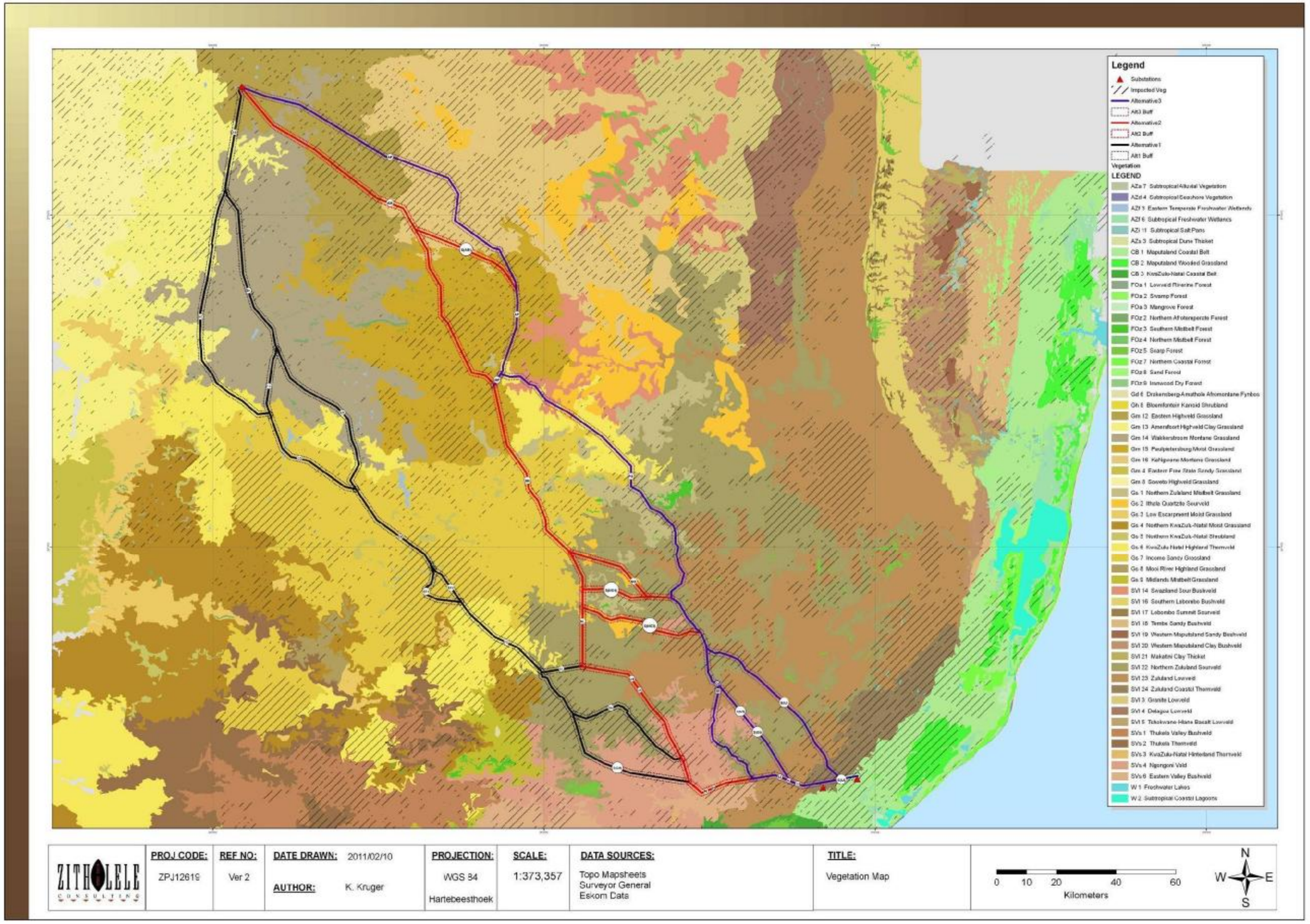


**Figure 7-23: Disturbed Vegetation found along the corridors**

Red data Flora Species

The red data species that potentially could occur along the route is listed in Appendix A. A total of 85 red data species potentially occur within the study area.

### 7.3 Terrestrial Animal Species

Invertebrates

A total of 796 arthropods and 308 butterflies are recorded for the study area. The large number is mainly due to the wide range of habitat available and the large area covered by the various alternatives.

Reptilia

A total of 96 reptilian species were recorded for the study site. The known red data specie is the African Rock Python.

Amphibia

Thirty seven species of amphibians were recorded as occurring within the study area and are given in Appendix 1. These species are not restricted in terms of habitat or distribution and none of the species recorded are classified as Red Data species.

Mammalia

Mammal species diversity was low across the bulk of the study area, as very little natural habitat remains. Most of the mammals occur in small pockets of remaining natural vegetation or within games farms or reserves, with a total of 102 species being recorded. Six of these species are listed as endangered, including the Black Rhino, Tonga Red Squirrel, Marley's Golden Mole, Swinny's Horseshoe Bat, the Damara Woolly Bat and Sclater's Forest Shrew.

In addition 12 near threatened species that are included is Honey Badger, Serval, Spotted-necked Otter, Water Rat, Red Squirrel, Darling's Horseshoe Bat, Lander's Horseshoe Bat, Geoffrey's Horseshoe Bat, Anchietta's Pipistrelle, Temmick's Hairy Bat, Schreiber's Long Fingered Bat, and the Lesser Long Fingered Bat. Due to the habitat requirements for all the sensitive species mentioned above, there should be very little conflict with the proposed power line, with the exception being the Black Rhino. Several sections of the proposed routes near the Hluhluwe-Umfolozi Park is aligned through areas that are prime Black Rhino habitat that have been earmarked by the KZN Provincial Government as an area with high conservation status.

# 8 VISUAL IMPACT ASSESSMENT

## 8.1 Introduction

The proposed power lines are aligned through a wide variety of landscapes, from grazed plains, to Pine and Eucalyptus plantations to mountains and the rolling hills of KwaZulu Natal and the sugar cane plantations of the lowlands. The bulk of the study area is utilised for agriculture with a varying topography.

A number of other existing power lines are found throughout the area including high voltage transmission lines similar to the new lines proposed. However due to the mainly agricultural nature of the land any linear infrastructure like existing power lines and roads featuring prominently in the landscape.

## 8.2 Methodology

The methodology adopted for the visual assessment includes the following tasks:

- Examine the baseline information (contours, building dimensions, vegetation, inter alia);
- Determine the area from which the proposed power line may be visible (viewshed);
- Identify the locations from which views of the proposed power line may be visible (observation sites), which include buildings and roads;
- Analyse the observation sites to determine the potential level of visual impact that may result from the proposed power line; and
- Identify measures available to mitigate the potential impacts.

Each component of the assessment process is explained in detail in the following sections of the Report.

The Viewshed

The viewshed represents the area from which the proposed site would potentially be visible. The extent of the viewshed is influenced primarily by the combination of topography and vegetation, which determine the extent to which the site would be visible from surrounding areas. The viewshed was determined by Zitholele through the following steps and presumptions:

- The likely viewshed was determined by desktop study (ArcGIS) using contour plans (20 m interval); and
- An offset of 2 m (maximum) for the observer and an offset of 52 m (maximum) for the proposed power lines were utilized during the spatial analysis.

Visibility Assessment

Site visibility is an assessment of the extent to which the proposed power lines would potentially be visible from surrounding areas. It takes account of the context of the view, the relative number of viewers, duration of view and view distance.

The underlying rationale for this assessment is that if the proposed power lines are not visible from surrounding areas then the development will not produce a visual impact. On the other hand if one or more power lines are highly visible to a large number of people in surrounding areas then the potential visual impact is likely to be high.

Based on a combination of all these factors an overall rating of visibility was applied to each observation point. For the purpose of this report, categories of visibility have been defined as high (H), moderate (M) or low (L).

Assessment Criteria

For the purpose of this report, the quantitative criteria listed in Table 8-1 have been determined and used in the Visibility Assessment. The criteria are defined in more detail in the subsection following.

**Table 8-1: Visual Impact Assessment Criteria**

| CRITERIA | DEFINITIONS |
|---|---|
| **Category of Viewer** | |
| Static | Farms, homesteads or industries |
| Dynamic | Travelling along road |
| **View Elevation** | |
| Above | Higher elevation then proposed power lines. |
| Level | Level view with power lines |
| Below | Lower elevation then power lines viewed |
| **View Distance** | |
| Long | > 5 km |
| Medium | 1 – 5 km |
| Short | 200 m – 1 000 m |
| Very Short | < 200 m |
| **Period of View** | |
| Long Term | > 120 minutes |
| Medium Time | 1 – 120 minutes |
| Short Term | < 1 minute |

**Category Viewer**

The visibility of the proposed power lines will vary between static and dynamic view types. In the case of static views, such as views from a farmhouse or homestead, the visual relationship

between the proposed power lines and the landscape will not change. The cone of vision is relatively wide and the viewer tends to scan back and forth across the landscape.

In contrast views from a moving vehicle are dynamic as the visual relationship between the proposed power line infrastructure is constantly changing as well as the visual relationship between the proposed power line and the landscape in which they it is seen. The view cone for motorists, particularly drivers, is generally narrower than for static views.

**View Elevation**

The elevation of the viewer relative to the object observed significantly influences the visibility of the object by changing the background and therefore the visual contrast. In situations where the viewer is at a higher elevation than the building/structure it will be seen against a background of landscape. The level of visual contrast between the proposed power line and the background will determine the level of visibility. A white/bright coloured structure seen against a background of dark/pale coloured tree-covered slopes will be highly visible compared to a background of light coloured slopes covered by yellow/brown dry vegetation.

In situations where the viewer is located at a lower elevation than the proposed power lines it will mostly be viewed against the sky. The degree of visual contrast between white coloured structures will depend on the colour of the sky. Dark grey clouds will create a significantly greater level of contrast than for a background of white clouds. The photos below illustrate this effect, where the view from above is far less visible.

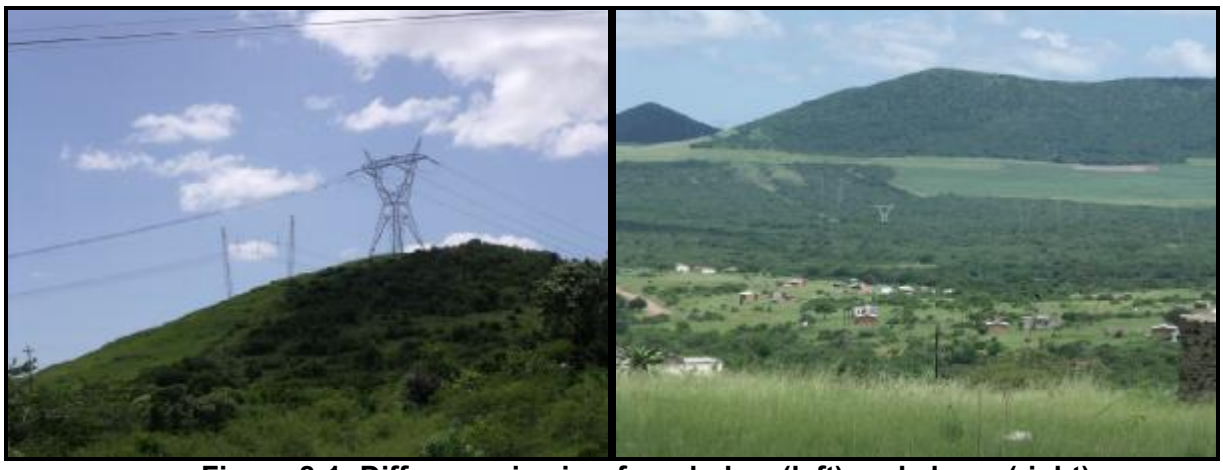

**Figure 8-1: Difference in view from below (left) and above (right)**

**View Distance**

The influence of distance on visibility results from two factors:

- With increasing distance the proportion of the view cone occupied by a visible structure will decline; and

- Atmospheric effects due to dust and moisture in the air reduce the visual contrast between the structure and the background against which they are viewed.

**Period of View**

The visibility of structures will increase with the period over which they are seen. The longer the period of view the higher the level of visibility. However, it is presumed that over an extended period the level of visibility declines as people become accustomed to the new element in the landscape.

Long term views of the proposed power line will generally be associated with farm houses, informal settlements and a couple of towns located within the viewshed. Short term and moderate term views will generally relate to commuters moving through the viewshed mostly by vehicle.

**Site Visibility**

The procedure followed by Zitholele to assess Site Visibility involved:

- Generate a viewshed analysis of the area utilizing ArcGIS 10.
- Determine the various categories of observation points (e.g. Static, Dynamic).

Impact Assessment Methodology

Visual impact is defined as the significance and/or severity of changes to visual quality of the area resulting from a development or change in land use that may occur in the landscape.

Significance or severity is a measure of the response of viewers to the changes that occur. It represents the interaction between humans and the landscape changes that they observe. The response to visible changes in the landscape may vary significantly between individuals.

Perception results from the combination of the extent to which the proposed power line is visible (level of visibility) and the response of individuals to what they see. A major influence on the perception of people/tourist in relation to the proposed power line will be the visual character and quality of the landscape in which it would be located. Natural landscape areas such as national parks, mountain areas or undeveloped sections of coast are valued for their high visual quality. The introduction of buildings and associated infrastructure may be seen as a negative impact on these areas of high visual quality. In the case of power lines some people perceive them in a positive manner because they represent progress essential to the economy of South Africa and contributing the local and national economy. On the other hand some people perceive them negatively due to the large structures that impact on the unspoilt natural landscape.

The potential visual impact of the proposed power line will primarily result from changes to the visual character of the area within the viewshed. The nature of these changes will depend on the

level of the visual contrast between buildings/structures and the existing landscape within which they would be viewed.

The degree of contrast between the proposed power line and the surrounding landscape will result from one or more of the following visual characteristics:

- Colour;
- Shape or form;
- Scale;
- Texture; and
- Reflectivity.

### 8.2.1 Visual Character

Landscape Character

The northern section of the study area can be described as an agricultural landscape with intermittent mining and power generation activities. The proposed Alternative 1 power line will be located on a slope starting at Ermelo (Camden) and moving down the slope towards Volksrust over land that is mainly used for maize and grazing with some isolated sport of tourism like Wakkerstroom. This area has very little screening from topography or vegetation due to the relatively flat nature of the area and the mainly grassland vegetation. Please refer to Figure 2-1 for the topography of the site. The Alternative 2 and 3 alignments traverse eastwards to Piet Retief before turning soutwards towards Paul Pietersburg. This area is characterised by large stands of Pine, Poplar and Bluegum plantations forming monocultures. Here the plantations will provide quite significant levels of screening when the plantations are near maturity, however due to the harvesting schedule, there will be a cycle when the visibility will be high when the trees are removed until such time that they have regrown.

In the central section of the study area the routes move down the escarpment and the vegetation changes from grassland to savanna. Alternative 1 traverses through the relatively pristine areas past Groenvlei before entering the farm and tribal lands past Utrecht to Nqutu. Alternatives 2 and 3 traverses from the highlying areas around Paul Pietersburg to the rolling savanna hills around Vryheid and Gluckstadt. The bulk of these areas are open savanna with little cover that can shield the power lines, with the exception being small patches of forestry around Gluckstadt.

In the southern section Alternative 1 traverses through Melmoth and the area has become typified by rolling hills and ridges and the coverage is dominated by plantations and sugarcane fields. Once down the ridges the route turns eastward along the Nkwalini Valley which is a fertile stretch of land with numerous fruit and sugarcane farms. Alternatives 2 and 3 enter the very hilly areas around Ulundi and finally stopping at Empangeni. This area is very hilly with mostly natural scrub

vegetation that provides good cover at short distances, but it is too short to be effective over longer distance views.

There are several major rivers in the area, including the Vaal and White Umfolozi to name but a few. For an illustration of the surface water features please refer to Figure 5-1.

The landscape surrounding the proposed power line Alternatives vary quite substantially and hence so does the screening for the proposed power line. There are also several existing power lines on site. Figure 8-2 below provides a view of some the existing power lines found along the route. Note how the different structures and vegetation influence the visibility of the lines.

**Figure 8-2: View of existing power lines in the study area.**

Viewshed

It should be noted that the viewsheds for each of the alternatives, which are plotted on the figures below, are an approximation that may vary in some locations. Potential views to the proposed power line are likely to be blocked in some localised situations by buildings, vegetation or local landform features at specific locations within the viewshed. Similarly, glimpses of the proposed power line may be available from some isolated high-elevation locations outside the plotted viewshed. The figures illustrate the visibility of each of the alternatives. The coloured areas indicate areas that are visible with the red areas having very high visibility and the green having lower visibility. It should be noted that the variations in visual impact between Alternatives 2 and 3 are relatively small, considering they follow a very similar alignment.

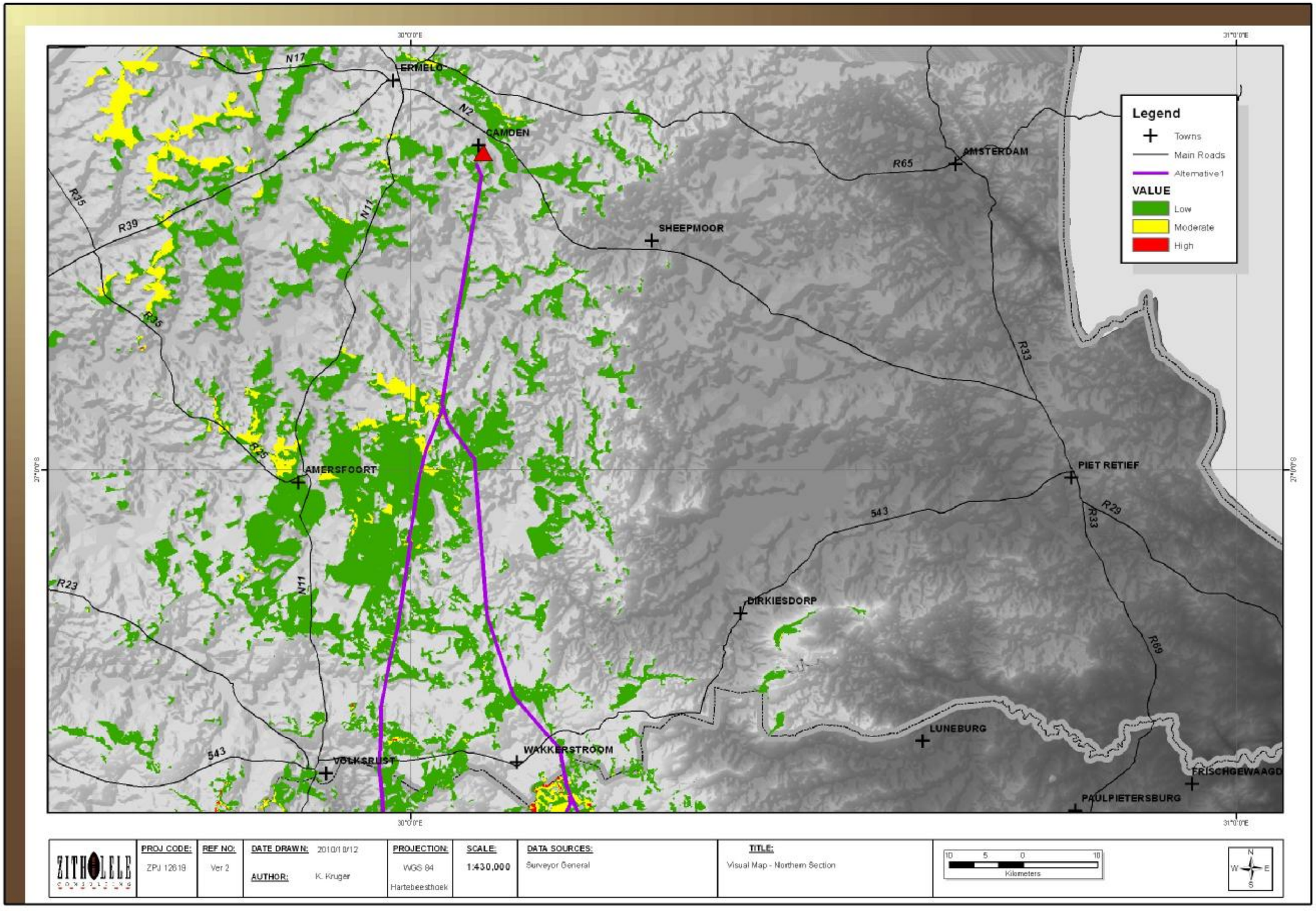


**Figure 8-3: Visual Impact from the Alternative 1 alignment.**

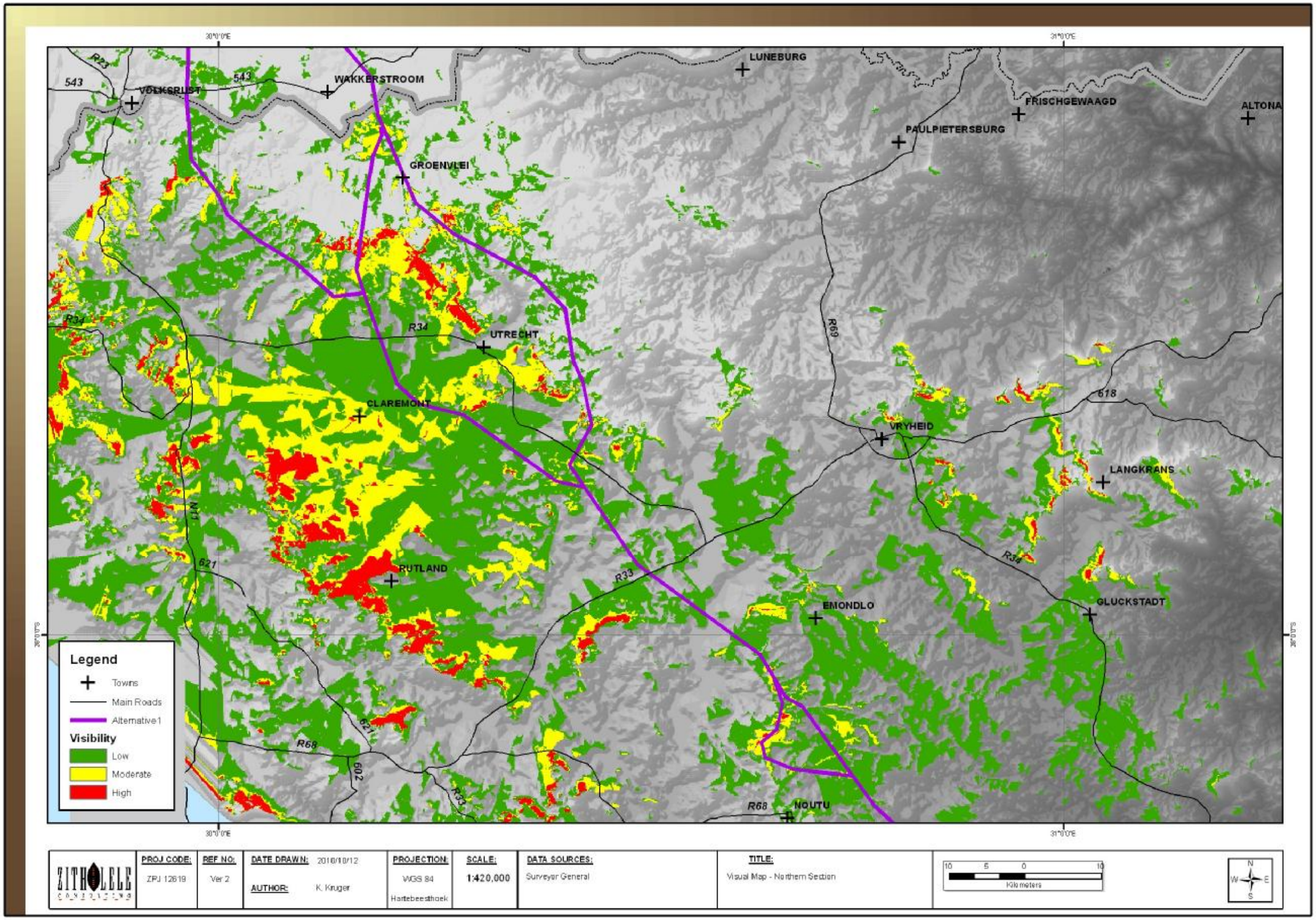


**Figure 8-4: Visual Impact from the Alternative 1 alignment**

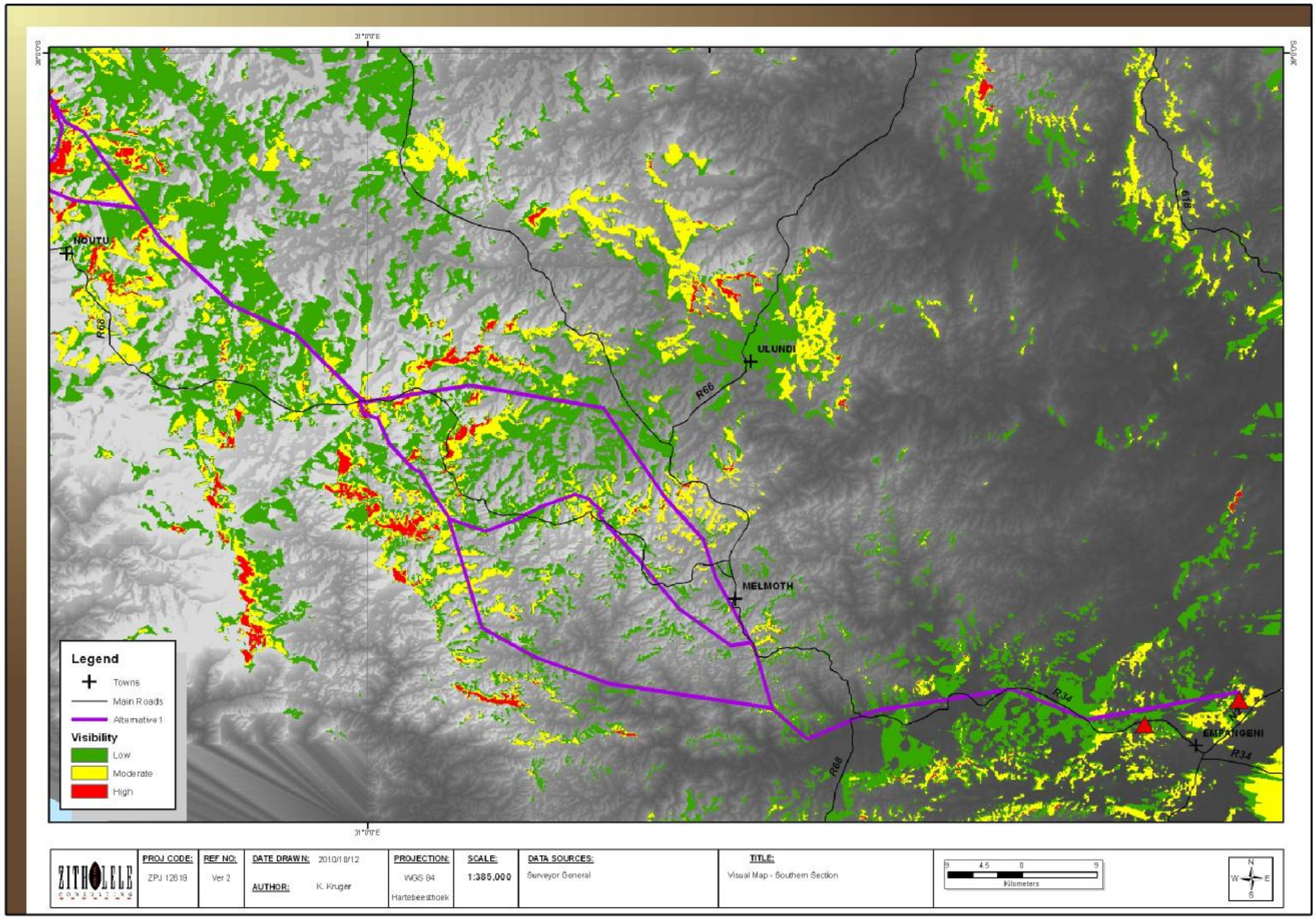


**Figure 8-5: Visual Impact from the Alternative 1 alignment**

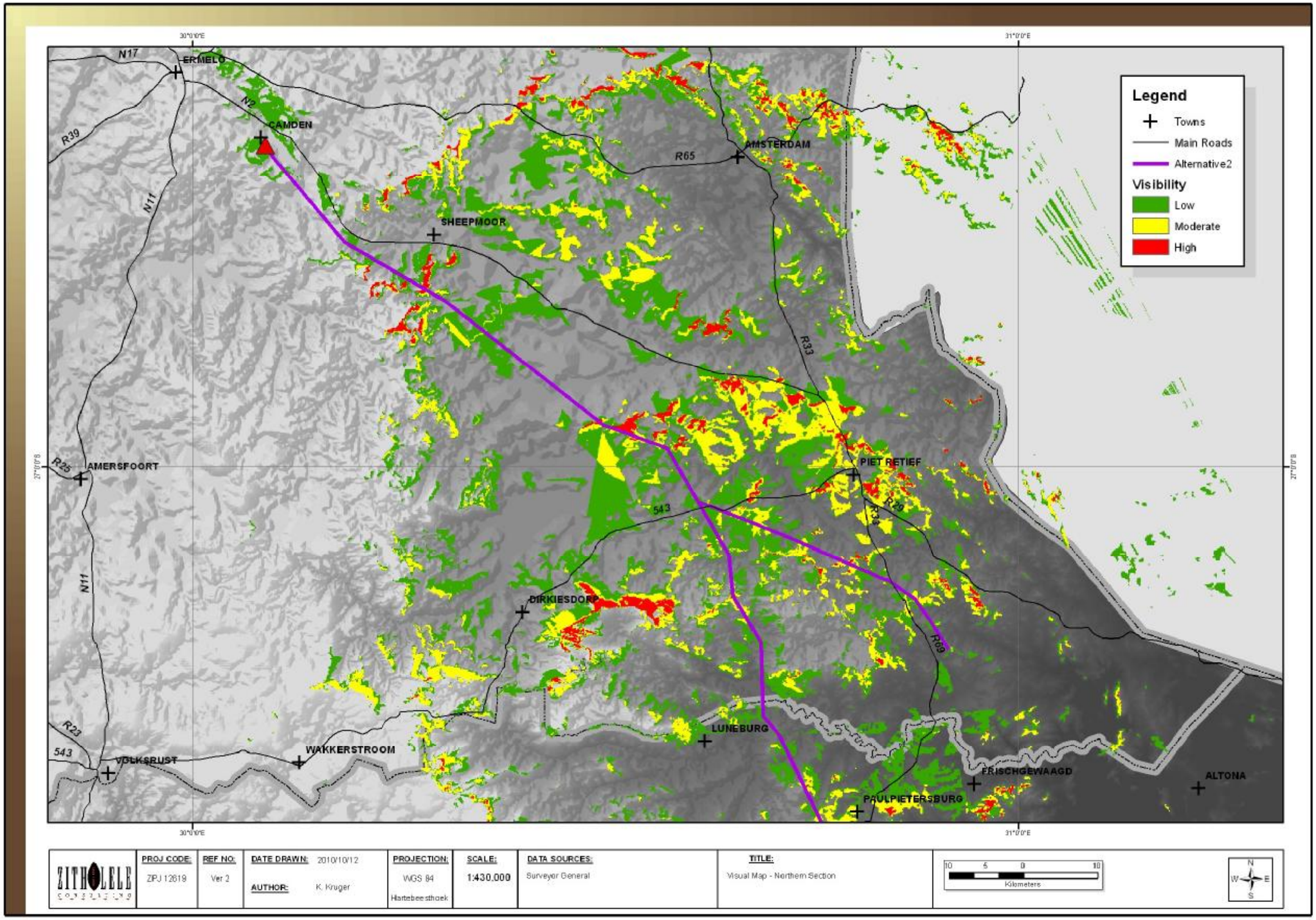


**Figure 8-6: Visual Impact from the Alternative 2 alignment**

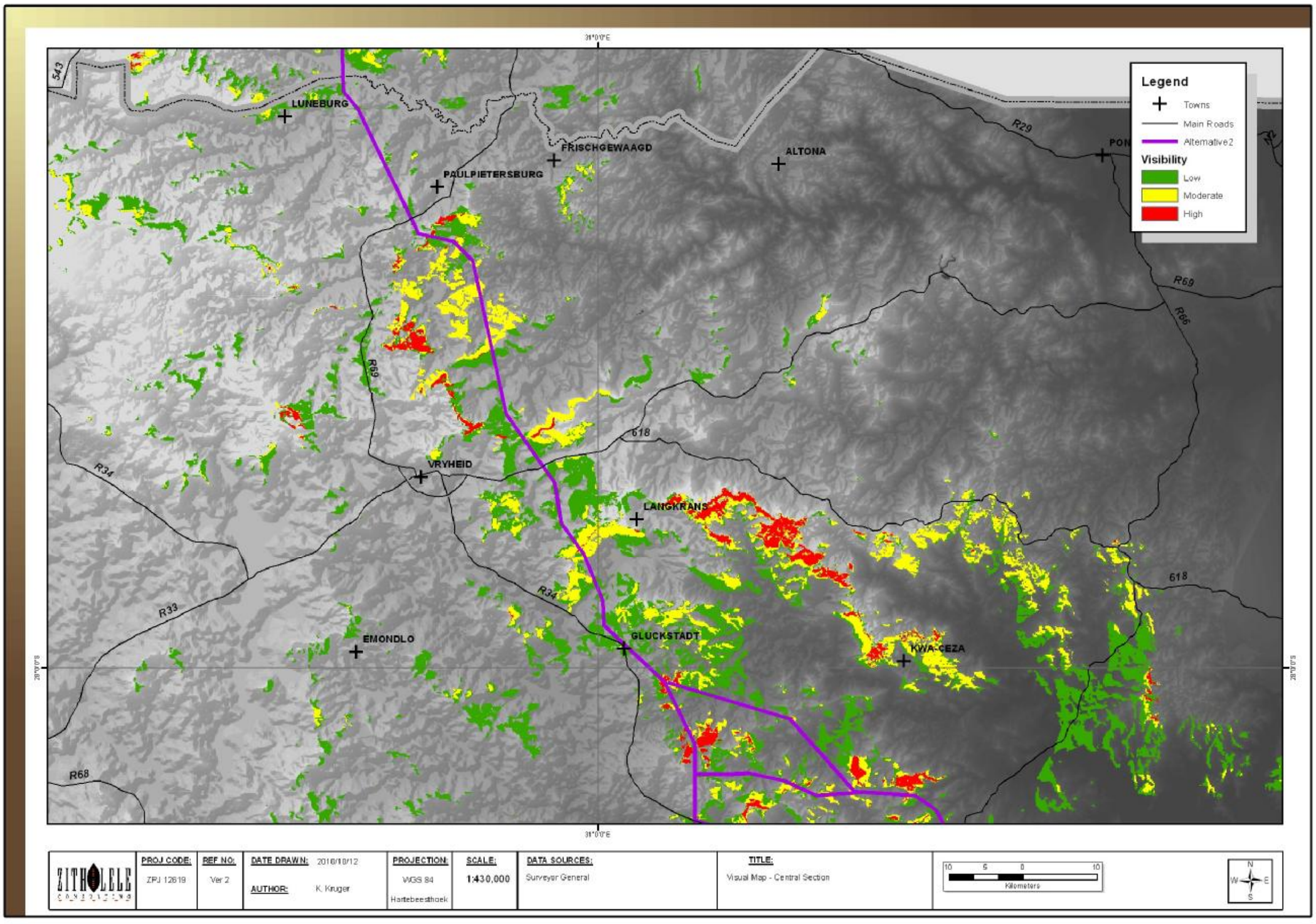


**Figure 8-7: Visual Impact from the Alternative 2 alignment**

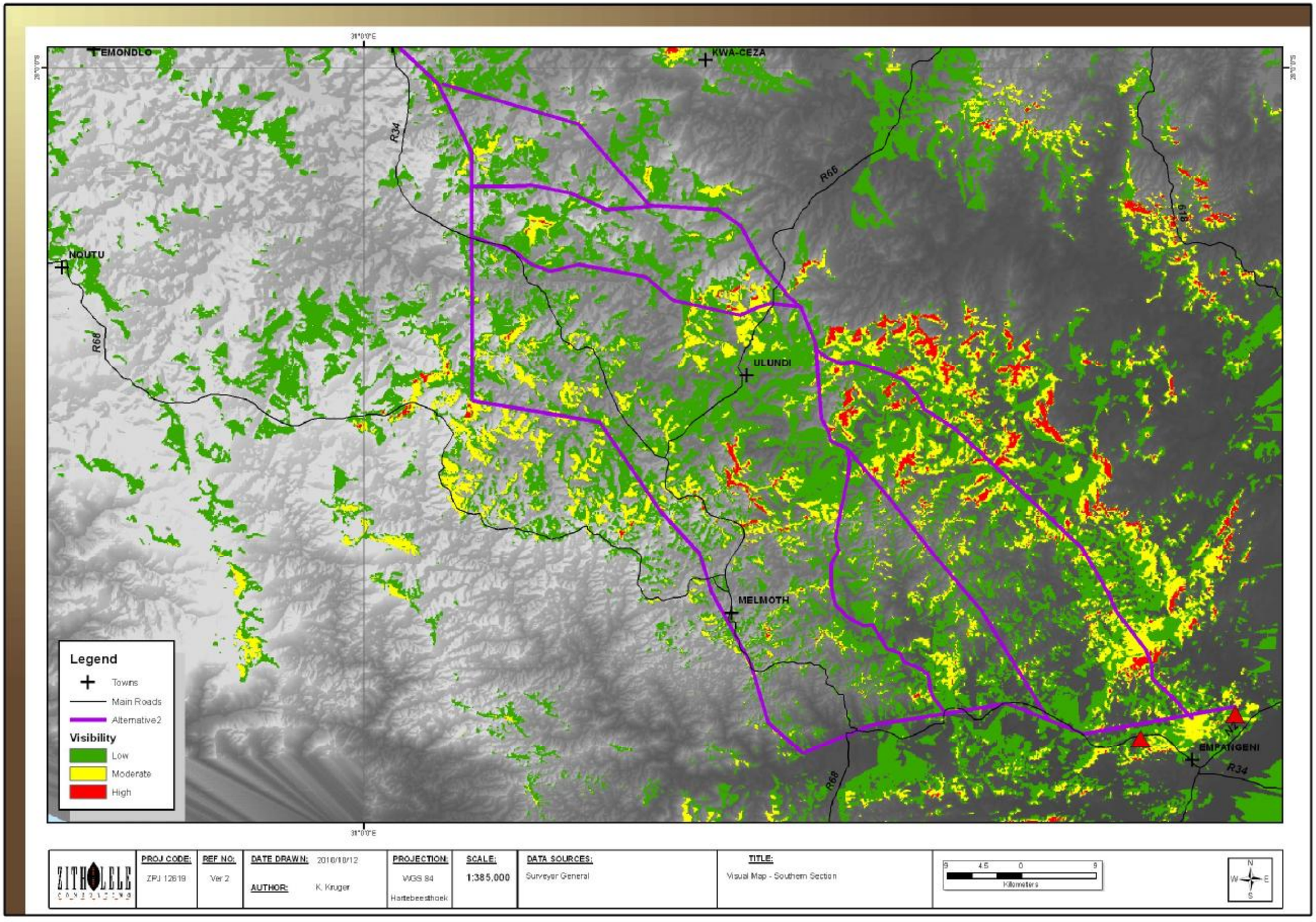


**Figure 8-8: Visual Impact from the Alternative 2 alignment**

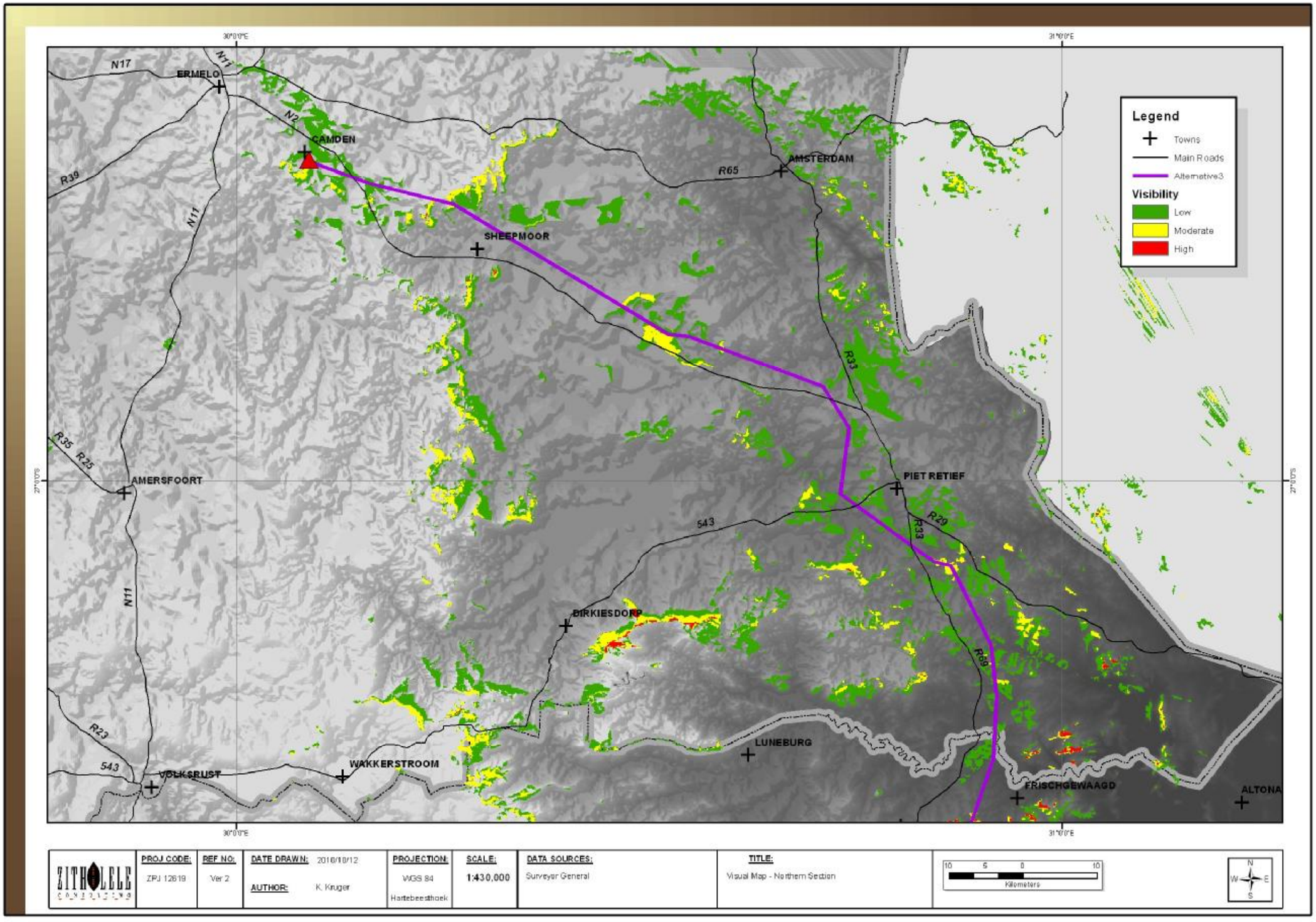


**Figure 8-9: Visual Impact from the Alternative 3 alignment**

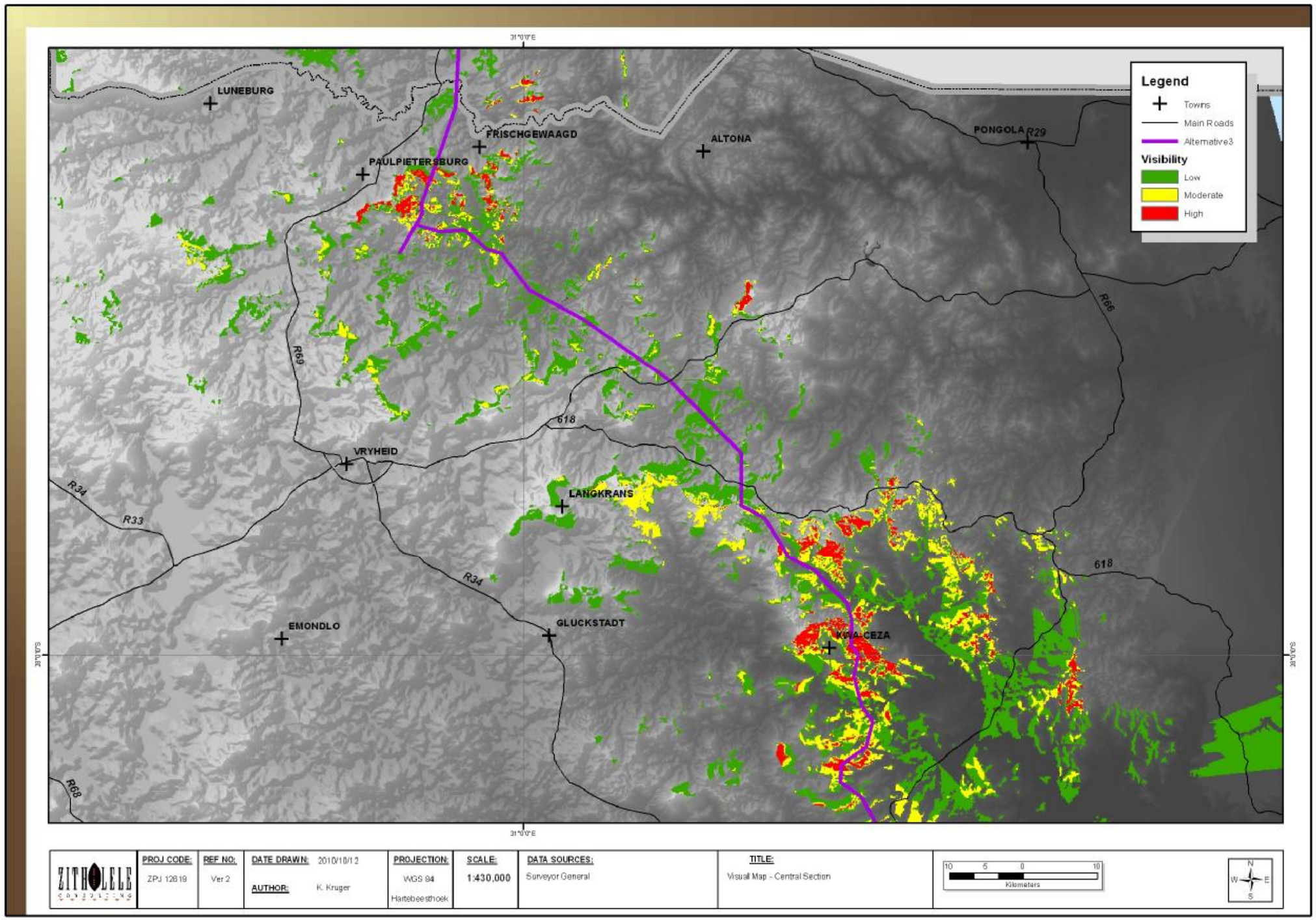


**Figure 8-10: Visual Impact from the Alternative 3 alignment**

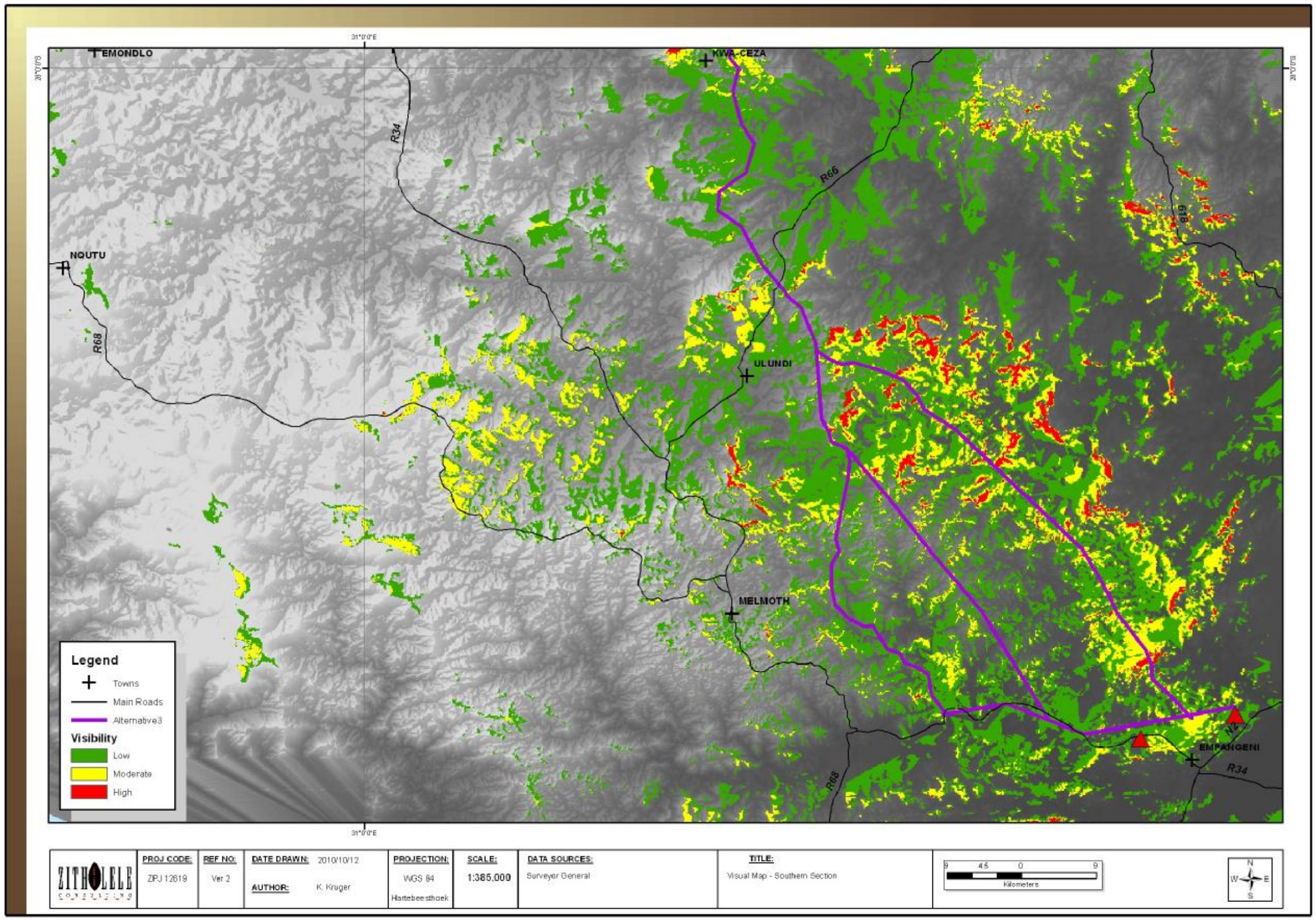


**Figure 8-11: Visual Impact from the Alternative 3 alignment**

# 9 SENSITIVE AND PROTECTED AREAS

## 9.1 Data Collection and Methodology

As part of the approval of the Scoping Report and the PoSEIA the DEA requested that the protected and sensitive areas along the routes be identified and avoided through the impact assessment. This section aims to satisfy that request.

Data was obtained from the Draft National List of Threatened Ecosystems (Gazette No 32689, November 2009). This was supplemented with the SANBI and DEAT publication, Draft Threatened Ecosystems in South Africa: Description and Maps, May 2009. These two reports provided a list of the threatened ecosystems as per the National Environmental Management: Biodiversity Act (Act 10 of 2004).

Furthermore the SANBI National Protected Areas Expansion Strategy database was also used to identify focus areas for protected areas for future expansion as well as the existing formal and informal protected areas encountered along the alternative corridors.

## 9.2 Site Description

### Threatened Ecosystems

The following threatened ecosystems where found along the routes with the route segment indicated in brackets:

- Critically Endangered - none
- Endangered;
    - Bivane Montane Grassland (KD);
    - Chrissiesmeer panveld (AP, AM);
    - Ngome Mistbelt and Forest (MN, PO); and
    - Wakkerstroom/Luneberg Grassland (BK, BC).
- Vulnerable;
    - Bivane Sour Grassland and Bushveld (PO);
    - Eastern Temperate Freshwater Wetlands (Various);
    - Imfolozi Savanna and Sourveld (SIJ, SOI, OI);
    - KaNgwane Montane Grassland (AP, SAM, AM);
    - Low Escarpment Mistbelt Forest (BK, KD); and
    - Paulpietersburg Moist Grassland (AM, MP, AP).

Unfortunately the spatial database is not yet available electronically and therefore a GIS map of the areas could not be produced.

**Protected Areas**

The route alignments of the various alternatives avoid all the existing formal and informal protected areas as shown in the figures below. The following protected areas occur within 10 km of the routes (SANBI):

- Informal Protected Areas
    - Emlwane Game Park;
    - Utrecht Town Park;
    - Balele Enlanzeni Valley Game Park; and
    - Wakkerstroom Wetland Nature Reserve.
- Formal Protected Areas
    - Sibudeni Nature Reserve;
    - Mome Nature Reserve;
    - Nkandla Forest Reserve;
    - Vungwini Nature Reserve;
    - Enseleni Nature Reserve;
    - Fundimvelo Nature Reserve;
    - Ophate Game Reserve;
    - Matshitsholo Nature Reserve;
    - Ntinini Training Center;
    - Hluhluwe-Imfolozi Game Reserve;
    - Vryheid Mountain Nature Reserve; and
    - Ithala Game Reserve.

When considering the National Protected Area Expansion Strategy (NPAES) there are several of the potential expansion focus areas that fall within the route corridors. The focus areas are:

- Maputuland Delagoa Imfolozi;
- Moist Escarpment Grassland; and
- Thukela.

As shown on the figures below there is no single route that can be taken to avoid all the NPAES focus areas.

## 9.3 Comments from the Authorities

The following comments were received from the authorities regarding the proposed project and routes:

- KZN Department of Agriculture, Environmental Affairs and Rural Development;
    - No objections regarding the proposed development;
- Mpumulanga Tourism and Parks Agency;
    - Alternatives BK and AM are a concerns and shold be avoided;
    - Routes AB-BC and AP are better alternatives.
- Ezemvelo KZN Wildlife;
    - Comments will only be given once a hard copy of the Draft EIR is submitted to the department;
- Gert Sibande District Municipality;
    - The municipality supports the development and has no preferential route;
- Department of Water Affairs
    - Route BK is not advised due to the millions spent in rehabilitating the wetlands in this area.

### 9.4 Comments from NGO's

The following NGO's also noted their concerns regarding the proposed routes

- World Wildlife Funds – SA
    - Routes AM, AP and PO should be avoided as they are in close proximity to the recently declared Kwamandlangampisi Protected Environment (KPE) and the Nkangala Grasslands Project.
    - Avoid route BK and rather use route BC.
- Mondi Forests
    - The route AB, BC, CD, DE, EF2, FG, S(GH), HI and IJ will be the most suitable route for this proposed project
- Wakkerstroom Tourism and Natural Heritage Associations
    - Route BK and KD should be avoided.
- Utrecht Farmer's Association
    - The Amajuba District Council Tourism Node Study clashes with suggested routes KD, CD and KC which may traverse the identified tourism routes.

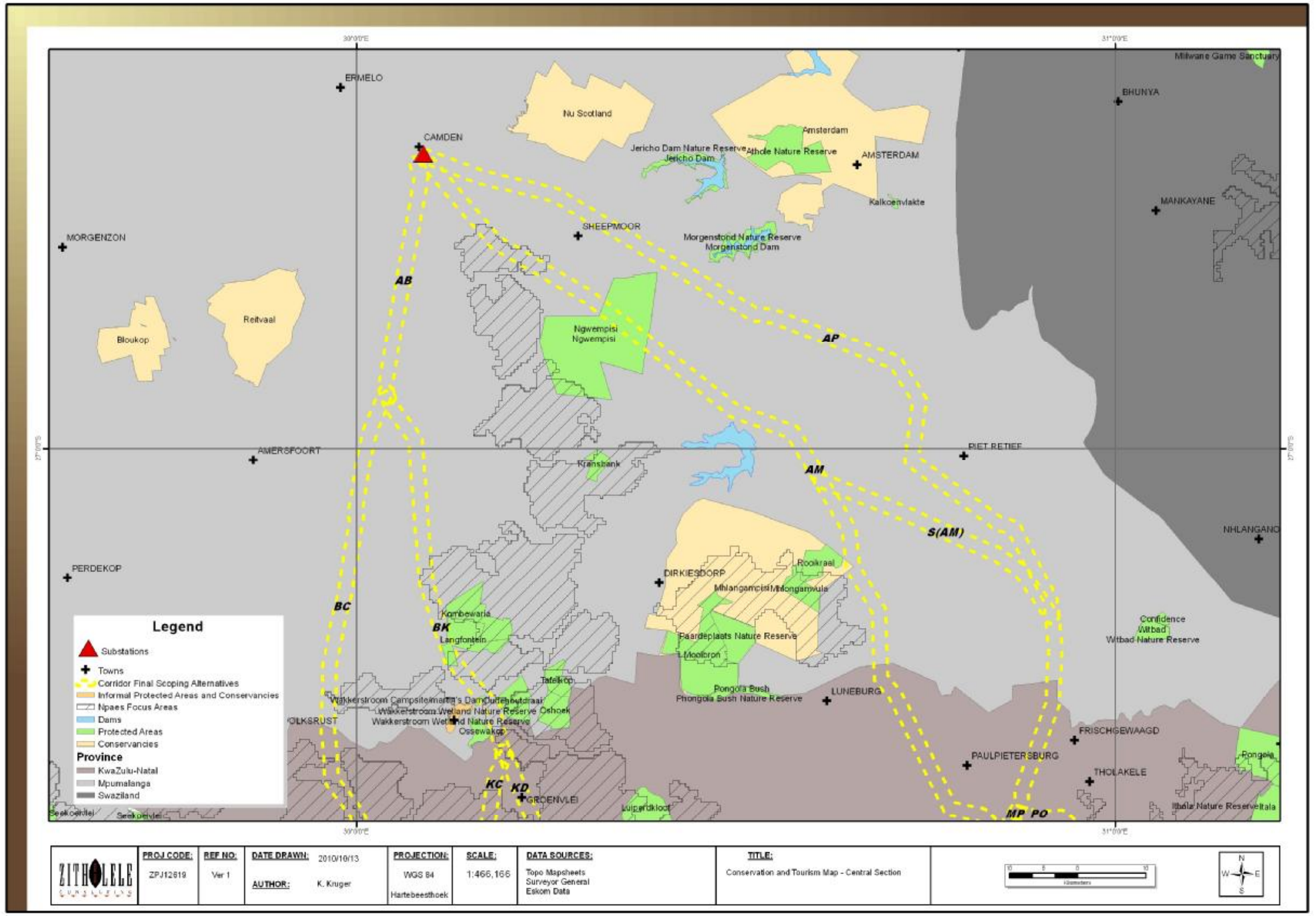


**Figure 9-1: Protected areas in the northern portion of the study area.**

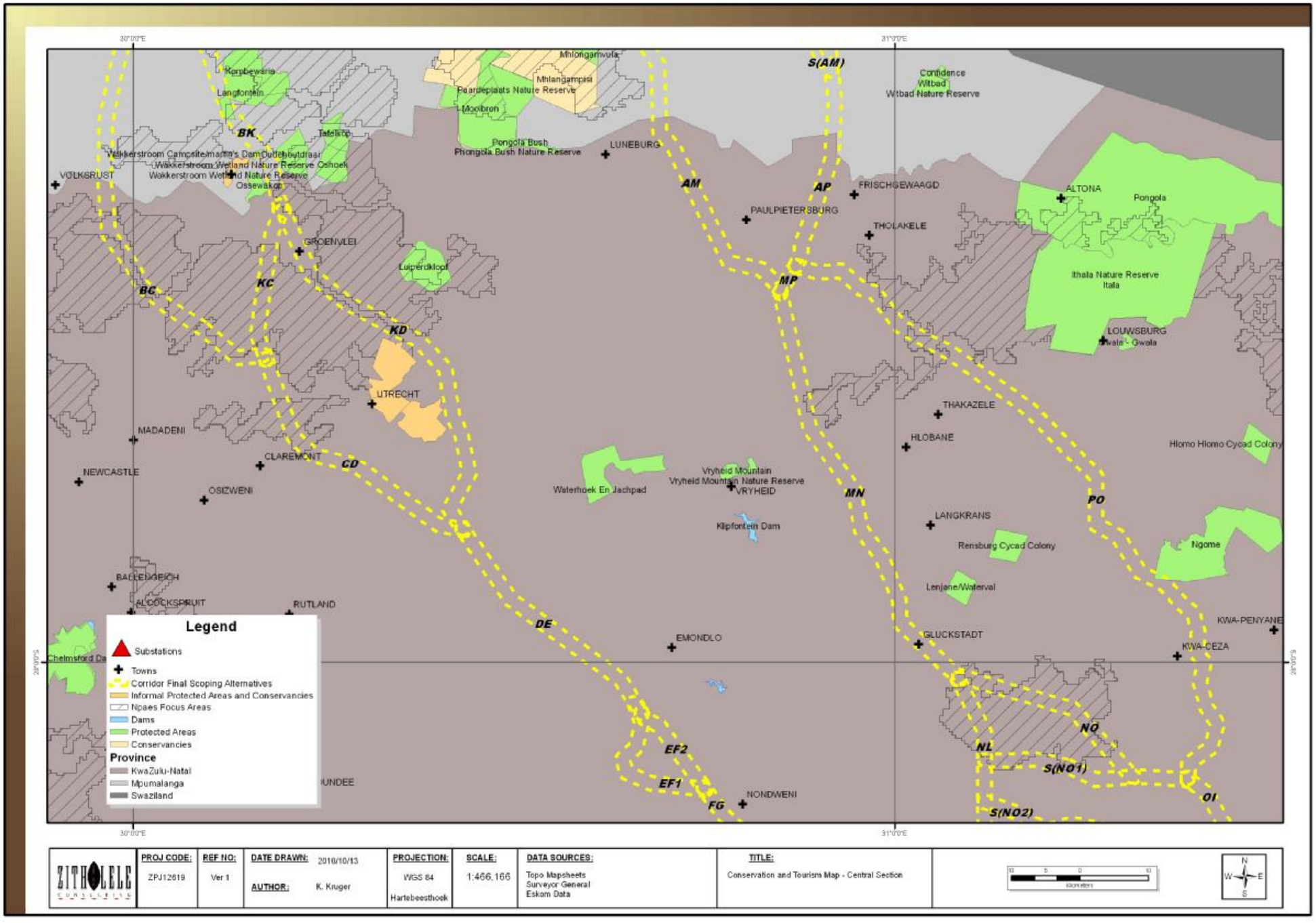


**Figure 9-2: Protected areas in the central portion of the study area.**

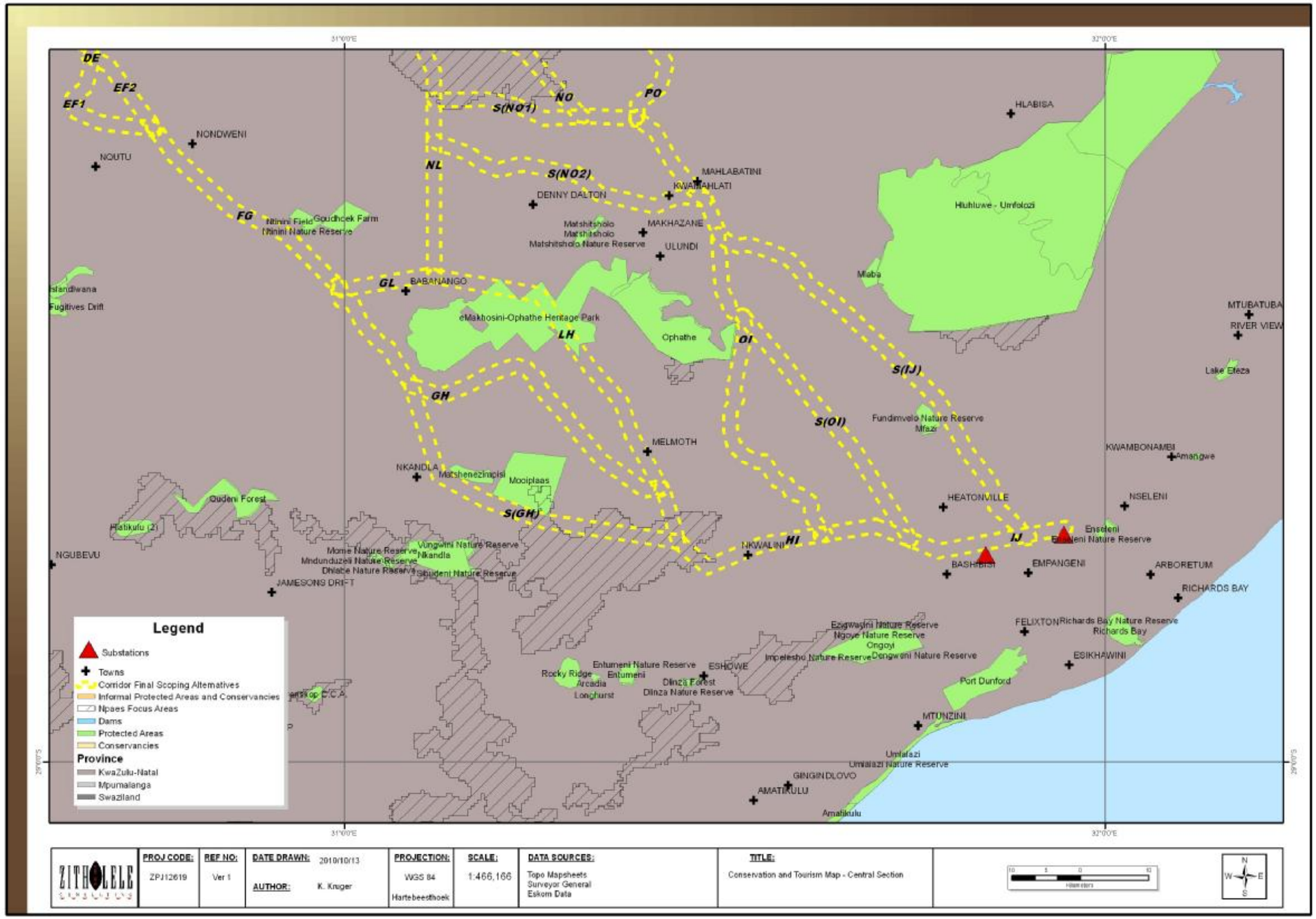


**Figure 9-3: Protected areas in the southern portion of the study area**

# 10 PREFERRED ROUTE SELECTION

This section aims to identify the most suitable routes available using each of the biophysical criteria discussed above. This will be done per criteria and the end result would be the best Alternative 1, 2 and 3 to take forward to the impact assessment phase.

## 10.1 Soils and Land Capability

In order to identify the most suitable route one must first identify what features are sensitive and should be avoided. In the case of soils and land capability the reasoning is that soil with a high agricultural potential and hence a potential to generate an income for the landowner is more valuable than land that can only be used for grazing or in extreme cases nothing. Therefore the route selection was based on the amount of agricultural soils present within the proposed corridors. Agricultural soils are defined as Class I – III soils as per the agricultural potential assessment above. However Class I and II soil are a lot better than class III soils and have been regarded as more important to avoid. Thus in the route alignment assessment the value of good agricultural soils was twice as important as agricultural soils. Each of the alternatives is discussed in detail below.

### 10.1.1 Alternative 1

As mentioned in the Alternative Description Section Alternative 1 traverses on the western side of the study area. The potential route segments that can be used are shown in the table below. Alternative 1 starts at the Camden Power Station at point A and follows route AB. At point B there is an option to traverse to straight point C or to point C via point K. It was found that route BK-KC has a much large impact and hence route BC was rather used. This exercise was done for all the potential route segments and the ones highlighted in red below have been excluded.

**Table 10-1: Soil Route Selection Alternative 1**

| Route | Ha Good Agricultural soil (Class I and II) | Ha Agricultural Soil (Class III) |
|---|---|---|
| AB | 3787 | 2299.2 |
| BC | 0 | 3133.3 |
| BK | 0 | 8470.1 |
| KC | 0 | 3541.4 |
| CD | 0 | 5738.3 |
| KD | 4868 | 5529.1 |
| DE | 708 | 4990.833 |
| EF1 | 0 | 1866.8 |
| EF2 | 0 | 1296.2 |
| FG | 0 | 1512.0 |
| GL | 0 | 1642.2 |
| GH | 0 | 2289.8 |
| SGH | 0 | 1731.6 |
| LH | 0 | 1421.3 |

| Route | Ha Good Agricultural soil (Class I and II) | Ha Agricultural Soil (Class III) |
|---|---|---|
| HI | 42 | 1853.2 |
| IJ | 953 | 3139.0 |
| **Total** | **5489 x 2 = 10,987** | **25694** |

Therefore based on the preferred segments the route proposed for Alternative 1 is AB-BD-CD-DE-EF2-FG-SGH-HI-IJ. This route as an impact of 36,671 ha and the same methodology will now be applied to the remaining two alternatives.

### 10.1.2 Alternative 2

The second alternative traverses from Camden to Mbewu via Piet Retief, Paul Pietersburg and Gluckstad to a number of options that split in the lower reaches before arriving at Mbewu. As you can see from the table below quite a number of the routes have been excluded. This is mainly due to the fact that the last section of the route has 2 sets of routes that have to be assessed. The first is at point N where there is four alternative (NL, NO, SNO1 and SNO2) and these in turn have their own implications later down the route. It was found that the best alternative is to traverse via NO-SOI-SIJ resulting in the complete Alternative 2 being AM-MN-NO-SOI-SIJ with a short section of OI and IJ included completing the route. The hectares of agricultural soil are shown in the table below and the resultant impact from Alternative 2 is 41,702 ha.

**Table 10-2: Soil Route Selection Alternative 2**

| Route | Ha Good Agricultural soil (Class I and II) | Ha Agricultural Soil (Class III) |
|---|---|---|
| AM | 5040.8 | 16319.6 |
| HI | 42.0 | 1853.2 |
| IJ | 952.5 | 3139.1 |
| LH | 0 | 1421.3 |
| MN | 1941.5 | 5811.4 |
| NL | 0 | 77.9 |
| NO | 10.2 | 0 |
| OI | 76.6 | 1116.2 |
| SAM | 2175.7 | 3499.3 |
| SIJ | 0 | 2219.0 |
| SNO1 | 0 | 782.5 |
| SNO2 | 0 | 493.9 |
| SOI | 63.0 | 976.6 |
| **Total** | **7315.7 x 2 = 14,631.4** | **27070.5** |

### 10.1.3 Alternative 3

The third alternative traverses from Camden to Empangeni via the easternmost routes. The alternative starts with route AP along a similar alignment to Alternative 2, but it is further to the north. Route PO traverses through the KZN tribal areas and form point O the options are similar to Alternative 2. Here again it was found that between OI-SOI and SIJ, that SIJ is the preferred route alignment. Therefore the route is AP-PO-SIJ with short sections of OI and IJ included, completing the route. The impact as shown in the table below is 37,331 ha.

**Table 10-3: Soil Route Selection Alternative 3**

| Route | Ha Good Agricultural soil (Class I and II) | Ha Agricultural Soil (Class III) |
|---|---|---|
| AP | 7,936.6 | 13,376.4 |
| IJ | 952.5 | 3,139.1 |
| MP | 0 | 0 |
| OI | 76.6 | 1,116.2 |
| PO | 676.9 | 3,077.0 |
| SIJ | 0 | 2,219.0 |
| SOI | 63.0 | 976.6 |
| **Total** | **8,829.6 x 2 = 17,659.2** | **19,672.2** |

### 10.1.4 Preferred Alternative

In the view of the figures presented above it is clear that Alternative 2 is the least preferred option. There is no significant difference between the remaining two alternatives. Alternative 1 has a slightly smaller impact footprint. When considering soils Alternative 1 is the preferred option as it covers a lot smaller highly sensitive area.

## 10.2 Ecology

The ecological sites along all the routes were ranked as per the methodology described in Section 7. The proposed corridors were overlaid with ecological data and the result is a quantitative area that will be impacted by the routes for each ecological ranking. As with the soils above features that are seen as sensitive or irreplaceable have been used to rank the routes.

**Table 10-4: Ecology Route Selection Matrix**

| Route | Sensitive | Irreplaceable | Alternative 1 | Alternative 2 | Alternative 3 |
|---|---|---|---|---|---|
| AB | 3,372.3 | 0 | 3,372.3 | | |
| AM | 6,699.3 | 648.7 | | 7,348.0 | |
| AP | 3,882.7 | 0 | | | 3,882.7 |
| BC | 0 | 0 | 0.0 | | |
| BK | 1,094.3 | 2,515.2 | 3,609.5 | | |
| CD | 0 | 0 | 0.0 | | |
| DE | 0 | 0 | 0.0 | | |
| EF1 | 0 | 0 | 0.0 | | |
| EF2 | 0 | 0 | 0.0 | | |
| FG | 0 | 0 | 0.0 | | |
| GH | 0 | 0 | 0.0 | | |
| GL | 0 | 0 | 0.0 | | |
| HI | 0 | 0 | 0.0 | 0.0 | |
| IJ | 0 | 0 | 0.0 | 0.0 | 0.0 |
| KC | 0 | 0 | 0.0 | | |
| KD | 0 | 0 | 0.0 | | |
| LH | 0 | 0 | 0.0 | 0.0 | |
| MN | 0 | 0 | | 0.0 | |
| MP | 0 | 0 | | 0.0 | 0.0 |
| NL | 0 | 0 | | 0.0 | |
| NO | 0 | 0 | | 0.0 | |
| OI | 0 | 0 | | 0.0 | 0.0 |
| PO | 0 | 55.8 | | | 55.8 |
| SAM | 0.7 | 0 | | 0.7 | |
| SGH | 0 | 0 | 0.0 | | |
| SIJ | 0 | 6,988.4 | | 6,988.4 | 6,988.4 |
| SNO1 | 0 | 0 | | 0.0 | |
| SNO2 | 0 | 0 | | 0.0 | |
| SOI | 0 | 1,310.1 | | 1,310.1 | 1,310.1 |
| **Total** | | | **3,372.3** | **7,348.7** | **3,882.7** |

### 10.2.1 Alternative 1

In the case of Alternative 1 it was found that routes AB and BK have sensitive features that should be avoided if possible. At AB the sensitivity is the grasslands found around the Ermelo area that are disturbed from mining, farming and industry. As this is the starting point of the route this section cannot be avoided and the same is applicable to routes AM and AP for the other alternatives.

The second route, BK traverses close to Wakkerstroom. The high abundance of protected and sensitive species results in this area not being suitable for placement of a power line. Since there is another alternative in route BC, BK is avoided. When the latter parts of the route is considered (GL/GH/SGH) there is no discernable difference when considering only the sensitive species. However in order to identify the most suitable route the amount of natural vegetation to be disturbed was taken and route GH was the most preferred. Therefore the Alternative 1 route alignment is AB-BC-CD-DE-EF2-FG-GH-HI-IJ.

### 10.2.2 Alternative 2

For Alternative 2 the main issues are around routes AM, SIJ, SAM and SOI. With the exception of AM all these sensitivities can be avoided by using alternate routes. AM however as with Alternative 1 is at the start of the power line and cannot be avoided. The sensitivities identified along SIJ, SOI and SAM is all related to the occurrence of red data species, fauna in the case of SIJ and SOI and vegetation in the case of SAM.

As above there is no difference in the sensitive vegetation when comparing routes NL//LH/NO/SNO1 and SNO2. A preferred route was chosen by using the amount of natural vegetation remaining as a criteria and the SNO2 route was chosen as the preferred route. By avoiding these sensitivities the preferred route is AM-MN-SNO2-OI-IJ.

### 10.2.3 Alternative 3

The same argument was followed for Alternative 3 and once again SIJ and SOI were excluded as potential routes. In addition it was found that PO has an impact and by using the MP loop this impact was avoided. Therefore the Alternative 3 alignment is AP-MP-MN-(NO/SNO1/SNO2)-OI-IJ.

### 10.2.4 Preferred Alternative

In light of the aforementioned data Alternative 2 is the least preferred option. Once again alternatives 1 and 3 have similar impacts, however when considering the comments received from the stakeholders and authorities, in particular the Mpumulanga Tourism and Parks Agency and the WWF-SA it becomes clear that Alternative 1 is the preferred route.

## 10.3 Visual Impact

The visual impact to static observers as well as dynamic observers is described for each of the Alternatives in the table below.

**Table 10-5: Key Visual Points**

| View Points | Description | Alt 1 Visibility | Alt 2 Visibility | Alt 3 Visibility |
|---|---|---|---|---|
| **Camden** | This is the starting point of the line for all three alternatives | Highly visible from the power station as this is the origin of all the routes. This area is however heavily impacted by a number of existing power lines. | | |
| **Amersfoort** | Small settlement with several existing power lines and stations in the area | The proposed power line should have a low visibility from the Amersfoort area; however it stretches over a relatively large area. | Not visible | Not visible |
| **Ermelo** | Main town in the northern region just to the northwest of Camden | Isolated spots to the north of the town, but should not be visible from the town itself | | |
| **Volksrust** | Town along the N11 to the west of Alternative 1 | High-lying areas around Voolksrust should have low visibility of the line. | Not visible | Not visible |
| **Wakkerstroom** | Eco-Tourism and Retirement village to between the two routes along Alternative 1. | The BK route should not be visible from the town; however there are numerous tourist facilities on the outskirts of the town and the high-lying areas to the south that should have a high visibility of the power line. | Not visible | Not visible |
| **Sheepmoor** | Small town on the edge of the large-scale plantations that dominate this region | Not visible | Neither alternative should be visible from the town, but the high-lying areas to the north and south of the town should have high visibility of the lines. It should be noted that Alternative 3 has a lower visibility than Alternative 2. | |
| **Amsterdam** | Forestry town to the north of the proposed Alternative 2 and 3 alignments | Not visible | | |
| **Piet Retief** | Large town along the Alternative 2 and 3 aligments with forestry surrounding the town. | Not visible | Highly visible from Piet Retief and the surrounding areas as the town is higher than the proposed route. | Visible from isolated spots around the town but should not be visible from the town itself. |
| **Dirkiesdorp** | Small settlement close to Heyshope Dam | Not visible | Not visible from town, but very visible from the high mountain just to the southeast. | |
| **Luneburg** | Small forestry settlement | Not visible | Visible from isolated spots to the north of town | Not visible |
| **Paul Pietersburg** | Town inbetween forestry areas along Alternative 2 and 3 | Not visible | Visible from isolated high-lying areas around town. | Very visible from the high ridge to the east of town, but not from the town itself. |
| **Claremont** | Small settlement to the west of Alternative 1 | Alternative 1, especially route CD should be very visible from this area. | Not visible | Not visible |
| **Utrecht** | Farming and tourism town between two routes of Alternative 1 | Alternative 1, especially route CD should be slightly visible from this area. | Not visible | Not visible |
| **Groenvlei** | Small settlement along Alternative 1 | Alternative 1, especially route KD should be visible from this area. | Not visible | Not visible |
| **Rutland** | Small settlement to the west of Alternative 1 | Alternative 1 will be highly visible from the surrounding areas but should not be visible from the town. | Not visible | Not visible |
| **Emondlo** | Small settlement to the east of Alternative 1 | Alternative 1 should be slightly visible from this area | Not visible | Not visible |
| **Nqutu** | Rural town to the west of Alternative 1. | Alternative 1 should be visible from this area, and it should be note that route EF2 has a lower impact than EF1 | Not visible | Not visible |
| **Vryheid** | Large town in the centre between the alternatives | Only visible from high-lying areas to the north and east of the town | Not visible | Not visible |
| **Gluckstadt** | Small community along Alternative 2 | Not visible | Should be very visible as the route traverses right next to the settlement | Not visible |

| View Points | Description | Alt 1 Visibility | Alt 2 Visibility | Alt 3 Visibility |
|---|---|---|---|---|
| **Melmoth** | Small town surrounded by sugar cane and plantations | Depending on the route alternative that is used the line could be visible from this area especially if route LH is used. This route traverses along the outskirts of town and over the golf course. | | This alternative should have a low visibility from this town. |
| **Ulundi** | Main town in the Zululand region | Depending on the route alternative that is used the line could be visible from this area, especially if route LH is used | Depending on the route alternative that is used the line could be visible from this area, especially if route SNO2 and OI is used | Depending on the route alternative that is used the line could be visible from this area, especially if route OI is used |
| **Babanango** | Small town | Depending on the route alternative that is used the line could be visible from this area, especially if route GL is used | Visible from the high-lying areas | Visible from the high-lying areas |
| **Nkandla** | Small rural settlement | Depending on the route alternative that is used the line could be visible from this area, especially if route SGH is used | Not visible | Not visible |
| **Kwa-Ceza** | Rural town to the west of Alternative 3 | Not visible | Visible from high-lying areas surrounding the town but not the town itself | Highly visible from the area |
| **Empangeni** | Large Town to the south of the proposed Mbewu substation | Visible from isolated spots around the town, especially to the north, but should not be visible from the town itself. | Visible from isolated spots around the town, especially to the north, but should not be visible from the town itself. However if route SIJ is used the visibility will increase. | Visible from isolated spots around the town, especially to the north, but should not be visible from the town itself. However if route SIJ is used the visibility will increase. |
| ***Dynamic Observers*** | | | | |
| **N2** | Main highway connecting Ermelo and Piet Retief en route to Pongola | Visible from very few isolated spots to the north of Camden Power Station, view time estimated at 5 minutes | Visible from several patches along the road, especially close to Piet Retief with an estimate viewing time of 34 minutes | Low visibility spread over several patches along the road. Estimated viewing time of 31 minutes. |
| **N11** | Main route from Ermelo to the south via Volksrust, to Newcastle | Low visiblility from several areas along the length of the road. Total viewing time estimated at 36 minutes | Not visible | Visible for less than 2 minutes from isolated spots. |
| **R25/35** | Connecting route between the R39 and Amersfoort | Visible from isolated sport along the road with an estimated viewtime of 6 minutes | Not visible | Visible for less than 2 minutes from isolated spots. |
| **R65** | Road between Ermelo and Amsterdam | Visible from very few isolated spots to the north of Camden Power Station, view time estimated at 5 minutes | Visible from a few isolated spots to the north of the route, view time estimated at 9 minutes | Visible for less than 3 minutes from isolated spots. |
| **R543** | Connecting route from Piet Retief to Volksrust via Wakkerstroom | Visible from very few isolated spots along the road, view time estimated at 5 minutes | Very visible along the isolated spots along the road with a viewing time of 27 minutes | Visible along the isolated spots along the road with a viewing time of 11 minutes |
| **R39** | Road between Ermelo and Standerton | Visible from quite a few areas along the road but the view distance is >15km. Viewing time estimated at 9 minutes. | Not visible | Not visible |
| **R34** | Road to Vryheid via Utrech and from Vryheid to Melmoth and onwards to Empangeni | Visible for large stenches of this road, especially to the south of Utrecht, just before Melmoth and close to Empangeni. Viewing time estimated at 1 hour 6 mins | Visible for large streches of this road, especially to the south of Utrecht, just before Melmoth and close to Empangeni. Viewing time estimated at 48 mins | Only visible in the lower section from Ulundi to Empangeni. Viewing time estimated at 34 minutes. |
| **R33** | Road between Amsterdam, Piet Retief, Vryheid and Dundee | Visible from large stretches between Vryheid and Dundee with an estimated viewing time of 20 minutes | Visible for large streches of this road, especially to the south of Piet Retief and Paul Pietersburg. Viewing time estimated at 48 mins | Visible for streches of this road, especially to the south of Piet Retief and Paul Pietersburg. Viewing time estimated at 28 mins |

| View Points | Description | Alt 1 Visibility | Alt 2 Visibility | Alt 3 Visibility |
|---|---|---|---|---|
| **R68** | Road between Dundee and Melmoth and Eshowe | Highly visible in a couple of areas but in the main the visibility is low. Estimated view time of about 1 hour. | Very patchy visibility along this road with a viewing time estimated at 36 minutes | Moderately visible in the high lying areas close to Melmoth. The viewing time is estimated at 16 minutes. |
| **R621** | Regional Road | Low visibility for small patches along the road with an estimated view time of 10 minutes. | Not visible | Not visible |
| **R66** | Road to Ulundi | Depending on the rout alternative the power line will be visible for 7 minutes from this road. | Visible for long periods along this road with a viewing time of 32 minutes | Visible for long periods along this road with a viewing time of 38 minutes |
| **R618** | Regional Road | Low visibility estimated at 3 minutes. | Moderate visibility in two patches estimated at 12 minutes. | Moderate visibility in two patches estimated at 13 minutes. |

### 10.3.1 Alternative 1

The visual sensitivities along this alignment are the N11 highway and several towns found along the route. Areas with a landscape character that is sensitive to the erection of power lines include the Wakkerstroom and Utrech tourism areas, the Babanango natural area and the town of Melmoth. These sensitivities can however be avoided by choosing other route alternatives. The best visual alternative for Alternative 1 is aligned as AB-BC-CD-DE-EF2-FG-SGH-HI-IJ.

### 10.3.2 Alternative 2

The Alternative 2 alignment is a very visible alignment that traverses close to several towns and roads that elevates the visibility of the alternative. Sensitivities identified along the way include the towns of Paul Pietersburg, Gluckstadt and Melmoth, the Babanango natural area, and the wilderness/tourism area around the White Umfolozi River. Several of these sensitivities cannot be avoided. The best alignment for Alternative 2 is AM-MN-SNO1-OI-IJ.

### 10.3.3 Alternative 3

Alternative 3 is not as visible as Alternative 2 in the northern parts of the study area. In the central and southern sections they have very similar impacts due to the various overlapping route alternatives. The best alignment is AP-PO-OI-IJ.

# 11 IMPACT ASSESSMENT METHODOLOGY

The impacts will be ranked according to the methodology described below. Where possible, mitigation measures will be provided to manage impacts. In order to ensure uniformity, a standard impact assessment methodology was utilised so that a wide range of impacts can be compared with each other. The impact assessment methodology makes provision for the assessment of impacts against the following criteria:

- Significance;
- Spatial scale;
- Temporal scale;
- Probability; and
- Degree of certainty.

A combined quantitative and qualitative methodology was used to describe impacts for each of the aforementioned assessment criteria. A summary of each of the qualitative descriptors along with the equivalent quantitative rating scale for each of the aforementioned criteria is given in Table 11-1.

**Table 11-1: Quantitative rating and equivalent descriptors for the impact assessment criteria**

| Rating | Significance | Extent Scale | Temporal Scale |
|---|---|---|---|
| 1 | VERY LOW | *Isolated sites / proposed site* | Incidental |
| 2 | LOW | *Study area* | Short-term |
| 3 | MODERATE | *Local* | Medium-term |
| 4 | HIGH | *Regional / Provincial* | Long-term |
| 5 | VERY HIGH | *Global / National* | Permanent |

A more detailed description of each of the assessment criteria is given in the following sections.

## 11.1 Significance Assessment

Significance rating (importance) of the associated impacts embraces the notion of extent and magnitude, but does not always clearly define these since their importance in the rating scale is very relative. For example, the magnitude (i.e. the size) of area affected by atmospheric pollution may be extremely large (1 000 $km^2$) but the significance of this effect is dependent on the concentration or level of pollution. If the concentration is great, the significance of the impact would be HIGH or VERY HIGH, but if it is diluted it would be VERY LOW or LOW. Similarly, if 60 ha of a grassland type are destroyed the impact would be VERY HIGH if only 100 ha of that grassland type were known. The impact would be VERY LOW if the grassland type was common. A more detailed description of the impact significance rating scale is given in Table 11-2 below.

**Table 11-2 : Description of the significance rating scale**

| Rating | | Description |
|---|---|---|
| 5 | Very high | Of the highest order possible within the bounds of impacts which could occur. In the case of adverse impacts: there is no possible mitigation and/or remedial activity which could offset the impact. In the case of beneficial impacts, there is no real alternative to achieving this benefit. |
| 4 | High | Impact is of substantial order within the bounds of impacts, which could occur. In the case of adverse impacts: mitigation and/or remedial activity is feasible but difficult, expensive, time-consuming or some combination of these. In the case of beneficial impacts, other means of achieving this benefit are feasible but they are more difficult, expensive, time-consuming or some combination of these. |
| 3 | Moderate | Impact is real but not substantial in relation to other impacts, which might take effect within the bounds of those which could occur. In the case of adverse impacts: mitigation and/or remedial activity are both feasible and fairly easily possible. In the case of beneficial impacts: other means of achieving this benefit are about equal in time, cost, effort, etc. |
| 2 | Low | Impact is of a low order and therefore likely to have little real effect. In the case of adverse impacts: mitigation and/or remedial activity is either easily achieved or little will be required, or both. In the case of beneficial impacts, alternative means for achieving this benefit are likely to be easier, cheaper, more effective, less time consuming, or some combination of these. |
| 1 | Very low | Impact is negligible within the bounds of impacts which could occur. In the case of adverse impacts, almost no mitigation and/or remedial activity are needed, and any minor steps which might be needed are easy, cheap, and simple. In the case of beneficial impacts, alternative means are almost all likely to be better, in one or a number of ways, than this means of achieving the benefit. Three additional categories must also be used where relevant. They are in addition to the category represented on the scale, and if used, will replace the scale. |
| 0 | No impact | There is no impact at all - not even a very low impact on a party or system. |

## 11.2 Spatial Scale

The spatial scale refers to the extent of the impact i.e. will the impact be felt at the local, regional, or global scale. The spatial assessment scale is described in more detail in Table 11-3.

**Table 11-3 : Description of the significance rating scale**

| Rating | | Description |
|---|---|---|
| 5 | Global/National | The maximum extent of any impact. |
| 4 | Regional/Provincial | The spatial scale is moderate within the bounds of impacts possible, and will be felt at a regional scale (District Municipality to Provincial Level). |
| 3 | Local | The impact will affect an area up to 5 km from the proposed corridors. |
| 2 | Study Area | The impact will affect an area not exceeding the corridors. |

| Rating | | Description |
|---|---|---|
| 1 | Isolated Sites / proposed site | The impact will affect an area no bigger than the power line alignments. |

### 11.3 Duration Scale

In order to accurately describe the impact it is necessary to understand the duration and persistence of an impact in the environment. The temporal scale is rated according to criteria set out in Table 11-4.

**Table 11-4: Description of the temporal rating scale**

| Rating | | Description |
|---|---|---|
| 1 | Incidental | The impact will be limited to isolated incidences that are expected to occur very sporadically. |
| 2 | Short-term | The environmental impact identified will operate for the duration of the construction phase or a period of less than 5 years, whichever is the greater. |
| 3 | Medium term | The environmental impact identified will operate for the duration of life of plant. |
| 4 | Long term | The environmental impact identified will operate beyond the life of operation. |
| 5 | Permanent | The environmental impact will be permanent. |

### 11.4 Degree of Probability

Probability or likelihood of an impact occurring will be described as shown in Table 11-5 below.

**Table 11-5 : Description of the degree of probability of an impact occurring**

| Rating | Description |
|---|---|
| 1 | Practically impossible |
| 2 | Unlikely |
| 3 | Could happen |
| 4 | Very Likely |
| 5 | It's going to happen / has occurred |

### 11.5 Degree of Certainty

As with all studies it is not possible to be 100% certain of all facts, and for this reason a standard "degree of certainty" scale is used as discussed in Table 11-6. The level of detail for specialist studies is determined according to the degree of certainty required for decision-making. The impacts are discussed in terms of affected parties or environmental components.

**Table 11-6 : Description of the degree of certainty rating scale**

| Rating | Description |
|---|---|
| Definite | More than 90% sure of a particular fact. |
| Probable | Between 70 and 90% sure of a particular fact, or of the likelihood of that impact occurring. |

| | |
|---|---|
| Possible | Between 40 and 70% sure of a particular fact or of the likelihood of an impact occurring. |
| Unsure | Less than 40% sure of a particular fact or the likelihood of an impact occurring. |
| Can't know | The consultant believes an assessment is not possible even with additional research. |
| Don't know | The consultant cannot, or is unwilling, to make an assessment given available information. |

## 11.6 Quantitative Description of Impacts

To allow for impacts to be described in a quantitative manner in addition to the qualitative description given above, a rating scale of between 1 and 5 was used for each of the assessment criteria. Thus the total value of the impact is described as the function of significance, spatial and temporal scale as described below:

***Impact Risk*** = (SIGNIFICANCE **+** *Spatial* **+** Temporal) X Probability

**3** **5**

An example of how this rating scale is applied is shown below:

**Table 11-7 : Example of Rating Scale**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| | LOW | *Local* | Medium-term | *Could Happen* | |
| Impact to air | **2** | ***3*** | **3** | **3** | **1.6** |

Note: The significance, spatial and temporal scales are added to give a total of 8, that is divided by 3 to give a criteria rating of 2,67. The probability (3) is divided by 5 to give a probability rating of 0,6. The criteria rating of 2,67 is then multiplied by the probability rating (0,6) to give the final rating of 1,6.

The impact risk is classified according to five classes as described in the table below.

**Table 11-8 : Impact Risk Classes**

| Rating | Impact Class | Description |
|---|---|---|
| 0.1 – 1.0 | **1** | **Very Low** |
| 1.1 – 2.0 | **2** | **Low** |
| 2.1 – 3.0 | **3** | **Moderate** |
| 3.1 – 4.0 | **4** | **High** |
| 4.1 – 5.0 | **5** | **Very High** |

Therefore with reference to the example used for air quality above, an impact rating of 1.6 will fall in the Impact Class 2, which will be considered to be a low impact.

## 11.7 Cumulative Impacts

It is a requirement that the impact assessments take cognisance of cumulative impacts. In fulfilment of this requirement the impact assessment will take cognisance of any existing impact sustained by the operations, any mitigation measures already in place, any additional impact to environment through continued and proposed future activities, and the residual impact after mitigation measures.

It is important to note that cumulative impacts at the national or provincial level will not be considered in this assessment, as the total quantification of external companies on resources is not possible at the project level due to the lack of information and research documenting the effects of existing activities. Such cumulative impacts that may occur across industry boundaries can also only be effectively addressed at Provincial and National Government levels.

Using the criteria as described above an example of how the cumulative impact assessment will be done is shown below:

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Initial / Existing Impact (I-IA) | **2** | **2** | **2** | *1* | 0.4 |
| Additional Impact (A-IA) | **1** | ***2*** | **1** | *1* | 0.3 |
| Cumulative Impact (C-IA) | **3** | ***4*** | **2** | *1* | 0.6 |
| Residual Impact after mitigation (R-IA) | **2** | ***1*** | **2** | *1* | 0.3 |

As indicated in the example above the Additional Impact Assessment (A-IA) is the amount that the impact assessment for each criterion will increase. Thus if the initial impact will not increase, as shown for temporal scale in the example above the A-IA will be 0, however, where the impact will increase by two orders of magnitude from 2 to 4 as in the spatial scale the A-IA is 2. The Cumulative Impact Assessment (C-IA) is thus the sum of the Initial Impact Assessment (I-IA) and the A-IA for each of the assessment criteria.

In both cases the I-IA and A-IA are assessed without taking into account any form of mitigation measures. As such the C-IA is also a worst case scenario assessment where no mitigation measures have been implemented. Thus a Residual Impact Assessment (R-IA) is also made which takes into account the C-IA with mitigation measures. The latter is the most probable case scenario, and for the purpose of this report is considered to be the final state Impact Assessment.

## 11.8 Notation of Impacts

In order to make the report easier to read the following notation format is used to highlight the various components of the assessment:

- Significance or magnitude- IN CAPITALS
- Temporal Scale – in underline
- Probability – *in italics and underlined*.
- Degree of certainty - **in bold**
- Spatial Extent Scale – *in italics*

# 12 IMPACT ASSESSMENT

The Impact Assessment will highlight and describe the impact to the environment following the abovementioned methodology and will assess the following components:

- Surface Water;
- Soils and Land Capability
- Flora;
- Fauna; and
- Visual Impact.

The impact assessment was undertaken for the construction, operational and decommissioning phases of the project. The impact of each line / route alternative was also assessed separately, however, where the impact was not significantly different, only one impact assessment was undertaken. Also, at the time of writing this report, no technical data was available as to the type of tower to be used in which area for the construction of the transmission lines. Therefore, it is assumed that the Self-supporting strain and suspension tower type would be used, which has the largest footprint and represents the worst case scenario. Contained in this assumption is that the maximum distance between towers would be 500 m.

## 12.1 Construction Phase

During the construction phase the 765 kV power lines will be erected. Under normal circumstances a 765 kV transmission line requires a servitude width of 90 m, but in fire-prone areas such as plantations, this increases to 110 m. Where there are physical constraints, such as other power lines adjacent to the new servitude, a minimum of 45 m separation distance from such lines is required. The power line cables are strung between pylons / towers, which are steel structures erected on concrete footings fixed in the substrate (soil or rock) below the pylon.

The major impacts during construction are the construction activities associated with the erection of the power lines and include, amongst others, heavy vehicle movement, construction of an access road and any wastes generated.

### 12.1.1 Soils and Land Capability

Soils and land capability need to be grouped together, because the type of soil will determine the capability of the land and what the land can be used for in the future. If the soil is arable, then it is suitable for farming and the land use will be farms.

Initial Impact

The study area is dominated by agricultural land with patches of industry, rural and urban settlements. The bulk of the existing impacts to soils along the route come in the form of disturbance from tillage and plantations. It is well documented that plantations of pine and Blue Gum actually modify the soils on which they grow. Furthermore large erosion scars have been found along the route, especially in the KZN midlands. Here the erosion is aggrevated by overgrazing by rural livestock.

**Figure 12-1: Erosion Scars**

The initial impact to soils and land capability is **probably** a LOW negative impact acting over the long term, and is *presently occurring* in the *study area*. As indicated in the table below the impact rating class is a Moderate Impact.

**Table 12-1: Soil and Land Capability Initial Impact Assessment**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Soils | LOW | *Study Site* | Long Term | *Is occurring* | Moderate |
| | **2** | **2** | **4** | **5** | **2.67** |

Additional Impact

The additional impact from the new power lines will mainly be as a result of the construction of the power line pylons and their footings. The heavy vehicles traversing can compact the soils and the soils at each pylon footing will be excavated. The route alternatives are approximately 360 km in length and each will have a single line. Therefore if using the average pylon distance of 300 m it can be assumed that there would be 1200 pylons constructed. At the time of writing this report, the proponent has not determined which of the various pylon designs will be utilised, and therefore the actual impact could vary. For this analysis the worst case scenario is assumed, which are self supporting strain towers with 4 footings impacting on the soils per pylon.

In addition to the pylon footings the soils will also be disturbed by the establishment of a construction road as well as the movement of construction vehicles. The impact from each of the routes are summarised below.

As indicated in Section 8 above, Alternative 2 crosses more sensitive soils than Alternatives 1 and 3. Therefore the impact rating class between the alternatives differ and is therefore rated separately. For Alternatives 1 and 3 the additional impact to soils and land capability is **probably** a LOW negative impact acting over the long term, and *will definitely occur* at *isolated sites*. As indicated in the table below the impact rating class is a Moderate Impact.

**Table 12-2: Soil and Land Capability Additional Impact Assessment – Alternative 1**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Soils | Low | *Isolated Site* | Long Term | *Will occur* | Moderate |
| | **2** | **1** | **4** | **5** | **2.3** |

For Alternative 2 the additional impact to soils and land capability is **probably** a MODERATE negative impact acting over the long term, and *will definitely occur* at *isolated sites*. As indicated in the Table below the impact rating class is a Moderate Impact.

**Table 12-3: Soil and Land Capability Additional Impact Assessment – Alternatives 2 and 3**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Soils | Moderate | *Isolated Site* | Long Term | *Will occur* | Moderate |
| | **3** | **1** | **4** | **5** | **2.67** |

Cumulative Impact

The cumulative impact to soils if a pylon is placed in an already disturbed area remains as assessed for the initial assessment, i.e. a Moderate impact.

Mitigation Measures

- Avoid unnessacary removal of vegetation cover.
- Use existing access roads as far as possible;
- If a new roa is constructed, ensure that some measure of erosion prevention is followed;
- Take land use into consideration when choosing pylon types, it is recommended that smaller footprint pylons be used in cultivated areas;
- Avoid placement of pylon footings in clay soils;
- Spread absorbent sand on areas where oil spills are likely to occur, such as the refuelling area in the hard park;
- Oil-contaminated soils are to be removed to a contained storage area and bio-remediated or disposed of at a licensed facility;
- Use berms to minimise erosion where vegetation is disturbed, including hard parks, plant sites, borrow pit and office areas;
- If soils are excavated for the footing placement, ensure that the soil is utilised elsewhere for rehabilitation/road building purposes; and
- Ensure that soil is stockpiled in such a way as to prevent erosion from storm water.

Residual Impact

The residual impact remains a Moderate Impact, as the mitigation measures will not reduce the overall impact of the power line construction.

### 12.1.2 Flora

Initial Impact

The vegetation in and around the study area has significantly been transformed by farming activities, urbanisation and industrial activities. In addition, the remaining natural vegetation is being utilised for grazing and is being invaded by alien invasive species. Thirty six (36%) percent of the study area vegetation has been disturbed in some way.

**Table 12-4: Flora Initial Impact Rating Scale**

| Impact | Significance | *Spatial Scale* | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Flora | MODERATE | *Local* | Long Term | Is occurring | High |
| | **3** | ***3*** | **4** | **5** | **3.3** |

The initial impacts to flora include extensive grazing, cultivation and alien invasive colonisation. The initial impact to flora is **definitely** MODERATE negative impact acting over the long term, and is *presently occurring* in the *local area*. As indicated in the table above the impact rating class is a High Impact.

Additional Impact

Additional impacts will be the removal of vegetation within the servitude for the construction of the new power lines and the associated servitude roads. There is a major concern to the effects on endangered and threatened endangered vegetation types. There is concern about the loss of vulnerable and threatened vegetation types and the table in Section 8 illustrates the length that each route alternative will cross over each vegetation types identified. From the table it can be seen that Alternative 1 impacts on the least endangered vegetation but quite a large section of vulnerable vegetation. Alternative 3 has a similar overall impact but impacts on a larger section of endangered vegetation while Alternative 2 has the largest impact.

**Table 12-5: Vegetation Additional-Impact Rating ScaleAlternative 1**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Vegetation | MODERATE | *Study Site* | Long Term | *It's going to happen* | Moderate |
| | **3** | ***2*** | **4** | **5** | **3** |

The additional impact to vegetation is MODERATE, occurs in *Study site* and will be Long Term and *It's going to happen*. A rating of 2.2 gives an impact class of Moderate.

Cumulative Impact

The cumulative impacts take into account the affects that the construction and the initial impacts have on the vegetation. In areas where the vegetation has already been distubed the lines will not increase the impact rating. In areas that have not yet been disturbed the impact will be increased to the rating as per the initial assessment i.e. a High impact.

Mitigation Measures

- All construction areas should be demarcated prior to construction to ensure that the footprint of the impacts are limited (including areas where vehicles may traverse);
- A suitable seedmix of indigenous plants should be used in all rehabilitation programmes on the site.
- All alien invasive species on site should be removed and follow up monitoring and removal programmes should be initiated once construction is complete
- The sensitive vegetation unit should be avoided and construction limited to 100 m from the edge of the wetlands and streams;
- Alternative 1 should be considered as the preferred alternative;
- Adhere to the ESKOM vegetation management guideline.

Residual Impact

The successful implementation of the mitigation measures will ensure that the impact of the power line is limited to the study area, thereby reducing the cumulative impact to a Moderate impact.

**Table 12-6: Vegetation Residual-Impact Rating Scale**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Flora | MODERATE | *Study Site* | Long Term | Is going to happen | Moderate |
| | **3** | ***2*** | **4** | **5** | **3** |

The residual-impact, as calculated in the table above, will be Moderate, occur in *Study sites* and will be Long Term and is *going to happen*. A rating of 3 is a Moderate impact class.

### 12.1.3 Fauna

Initial Impact

As described in the habitat assessment in Section 5, the site is relatively disturbed with the disturbed/grazed grassland, the undisturbed/natural grassland and the wetland and riparian zones the main habitat still available for fauna. The remaining natural areas did show high species diversity, indicating that the existing impact is quite significant.

The current impact on fauna is **probably** of a HIGH negative significance, affecting the *region*, and acting in the long-term. The impact *has occurred*. The impact class is classified as a High impact.

**Table 12-7: Fauna Initial Impact Assessment**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Fauna | HIGH | *Region* | Long Term | *Has occurred* | High |
| | **4** | **4** | **4** | **5** | **4** |

Additional Impact

The power lines will not directly impact on fauna, but the removal of habitat within the power line is an impact. The species subceptable to direct impact is mostly avifauna, which is assessed seperately in another specialist report.

The impact to fauna during the construction phase of the power lines will mostly be in the form of disturbance from the removal of habitat, construction workers and vehicle noise. It was found that three particular areas have habitat for sensitive species that should be avoided and these include the Wakkerstroom/Groenvlei wetlands and Montane grassland, and the Black Rhino habitat adjacent to the Hluhluwe Umfulozi Park. These areas are unsuitable and hence the impact assessment described below is for the remainder of the route.

The additional impact to fauna is **probably** MODERATE negative impact acting over the short term, and *will occur* in *isolated sites*. As indicated in the table below the impact rating class is a Low Impact.

**Table 12-8: Fauna Additional Impact Assessment**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Fauna | MODERATE | *Isolated Site* | Short Term | *Will occur* | Low |
| | **3** | **1** | **2** | **5** | **2** |

Cumulative Impact

The cumulative impact to fauna remains as assessed for the initial impact assessment due to the large scale of the existing impact. Therefore the impact remains a High impact to Fauna.

Mitigation Measures

- All construction areas should be demarcated prior to construction to ensure that the footprint of the impacts are limited (including areas where vehicles may traverse);
- The sensitive habitat should be avoided and construction limited to 50 m from the edge of the wetlands and streams;
- Align routes to avoid sensitive habitats;

- All alien invasive species on site should be removed and follow up monitoring and removal programmes should be initiated once construction is complete;
- All construction and maintenance activities should be undertaken in accordance with Eskom Transmission's environmental best practice standards.
- Care should be taken not to unnecessarily disturb any birds along the servitude.
- The Environmental Control Officer should identify any sensitive along the servitude, particularly large terrestrial species and notify the fauna specialist of these so that advice can be given on how to best deal with the situation.
- The construction of new access roads in particular should be limited to a minimum.
- All vehicle and pedestrian movement should be restricted to the actual construction site and, in the case of maintenance patrols, to the actual servitude.
- Adhere to the ESKOM vegetation management guideline; and
- Install power lines according to the ESKOM bird collision prevention guideline.

Residual Impact

The mitigation measures proposed above will ensure that the construction of the proposed power line remains a Moderate impact but the Residual Impact remains High.

### 12.1.4 Surface Water and Wetlands

Surface water features are demarcated as sensitive because of the high variety of fauna and flora that occur in such areas. Areas such as rivers, dams and wetlands provide habitats for many plant and animal species that are endangered, which makes these areas very sensitive and of a high conservation value.

Initial Impact

There are a number of streams and drainage lines that have been dammed which may have caused damage to downstream aquatic life. The presents of agriculture and urban areas will also have had an affects on surface water flow. The construction of the existing power lines have had minimal affect on surface water flow, as they span most of these features.

**Table 12-9: Surface water Initial Impact Rating Scale**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Surface water | VERY LOW | *Isolated sites / proposed site* | Medium Term | *Could happen* | Low |
| | **1** | ***1*** | **3** | **3** | **1.6** |

The initial impact for surface water is VERY LOW, occurs in *Isolated sites / proposed site* and will be Medium Term and *It's going to happen / has occurred*. This results in a rating of 1.6 or a Low impact class.

Additional Impact

The construction of the proposed power lines should have no affect on drainage lines because of the distance between pylons, but it should be noted that many drainage, streams, rivers and wetlands cross over the proposed and existing lines. It is recommended that buffer zones should be in place to project sensitive aquatic areas.

Waste generated during the construction phase may enter the environment through surface water runoff i.e. litter or pollution such as hydrocarbons can be washed into aquatic systems affecting those systems negatively. Storm-water flowing over the site will also mobilise loose sediments, which may enter the surface water environment affecting water quality. Storm-water containing sediment can be discharged to grassland buffers to ensure sediments fall out prior to water entering surface water bodies. Care must be taken that storm-water containing hydrocarbons and other pollution sources are not discharged.

**Table 12-10: Surface water Additional-Impact Rating Scale**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Surface water | VERY LOW | *Isolated sites / proposed site* | Medium Term | *Could Happen* | Very Low |
| | **1** | ***1*** | **3** | **3** | **1** |

The additional impact for surface water is VERY LOW, occurs in *Isolated sites / proposed site*, will be Long Term and *Could Happen* to occur. This results in a rating of 1 or a Very Low impact class.

Cumulative Impact

The cumulative impact of the current activities and the future activities will not increase the impact rating from a Low Impact as rated in the initial impact assessment.

Mitigation Measures

- No construction camps or pylons should be placed within 50m from the edge of a surface water body.
- Demarcated areas where waste can be safely contained and stored on a temporary basis during the construction phase should be provided at the hard park;
- Waste is not to be buried on site;
- Hydro-carbons should be stored in a bunded storage area;

- All hazardous materials inter alia paints, turpentine and thinners must be stored appropriately to prevent these contaminants from entering the environment;
- Spill-sorb or similar type product must be used to absorb hydrocarbon spills in the event that such spills should occur;
- Care must be taken to ensure that in removing vegetation adequate erosion control measures are implemented;
- A storm-water management plan, including sufficient erosion-control measures, must be compiled in consultation with a suitably qualified environmental practitioner / control officer during the detailed design phase prior to the commencement of construction; and
- The propagation of low-growing dense vegetation suitable for the habitat such as grasses, sedges or reeds is the best natural method to reduce erosion potential in sensitive areas.

Residual Impact

The mitigation measures proposed will reduce the risk of the additional impact occurring, but it will not reduce the residual impact class, which remains at a Low impact as rated in the initial impact assessment.

### 12.1.5 Visual

Initial Impact

The visual impact for each of the routes is described in Section 8. The present visual landscape is one dominated by agriculture with intermittent rural residences, urban areas and industrial or mining activities. The initial impact to the visual environment is LOW negative acting in the long term, and *has already occurred*. The impact has **definitely** impacted on the *local region*

The study site has several existing high voltage power lines that impact on the visual character of the landscape.

**Table 12-11: Visual Initial Rating Scale**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Visual | LOW | *Local* | Long Term | *Has occurred* | Moderate |
| | **2** | ***3*** | **4** | **5** | **3** |

Additional Impact

During the construction phase, the local residents will be able to see the construction workings. This will impact negatively on the visual character of the landscape but is of short duration.

Several very pristine areas were found along the route as well as areas that are used for tourism. These routes should be avoided if possible and include Wakkerstroom, Groenvlei, Utrecht, Black Umfolozi and near the Hluhluwe Umfolozi Park. In addition several routes have existing power lines along the route alignments, and should rather be used than creating a new impact.

**Table 12-12: Visual Visual Additional Impact Rating Scale**

| Impact | Significance | Spatial Scale | Temporal Scale | Probability | Rating |
|---|---|---|---|---|---|
| Impact to Visual | LOW | *Local* | Short Term | *It's going to happen* | Low |
| | **2** | ***3*** | **2** | **5** | **2.33** |

The additional impact to the visual landscape is LOW, occurs in *Local area* and will be Short term and *It's going to happen*. A rating of 2 gives an impact class of Low.

Cumulative Impact

The cumulative impact will not change and the cumulative impact remains a Moderate impact.

Mitigation Measures

- Only the servitude of the proposed power line should be exposed. In all other areas, the natural vegetation should be retained;
- Dust suppression techniques should be in place at all times during the construction phase;
- Access roads should be minimised to prevent unnecessary dust; and
- Utilise non-shiny structures for the hard park and toilets, i.e. avoid unpainted roofs.

Residual Impact

The initial visual impact of the power lines can not be mitigated and therefore the mitigation measures merely ensure that the additional impact is managed responsibly. The residual impact remains a Moderate impact.

## 12.2 Operational Phase

During the Operational Phase of the proposed development the power line will begin transmitting electricity to the Mbewu substation. Once the line is electrified very little additional activities will be required other than planned maintenance and servitude clearance.

### 12.2.1 Topography

Once the power lines are constructed there should be no further impact to topography.

### 12.2.2 Soils and Land Capability

The impact assessment does not change from that of the construction phase, refer to Section 12.1 above.

### 12.2.3 Flora

Once the operational phase is entered the flora within the servitude should be managed according to the Eskom Vegetation Management guideline. This guidelines describes how any vegetation that poses a fire risk requires to be removed or cut to manage the risk. This impact is identical to the servitude clearance described in Section 12.1 under the additional impact and hence the impact remains a Moderate Impact.

### 12.2.4 Fauna

During the operational phase the power lines will be energised and according to the document on electric and magnetic fields associated with power lines, there is no negative impacts associated with electro magnetic fields. Therefore the only impact will be the electrocution of fauna, which in this case is avifauna which is assessed seperately. Therefore the impact during operations to terrestrial fauna remains as assessed in Section 12.1, i.e. a Low impact.

### 12.2.5 Surface Water and Wetlands

Once the power lines are constructed there should be no further impact to surface water.

### 12.2.6 Visual

Once the power lines are strung as described in Section 12.1 above, this impact will remain and hence the impact assessment will remain as asssed during construction.

# 13 ENVIRONMENTAL MANAGEMENT

This section describes the suggested commitments that should be included in the Environmental Management Plan (EMP) to be compiled by the environmental consultant responsible for the EIA.

## 13.1 Geology and Soils

| **Management Component** | **Geology and Soils** | |
|---|---|---|
| **Primary Objective** | | |
| To ensure that the soils are stockpiled in the correct manner to prevent erosion and contamination of surface water runoff. | | |
| **Core Criteria:** | | **Monitoring Criteria** |
| No blasting is undertaken on site without a suitable blast design, compiled in line with relevant SANS codes and approved by an appropriately qualified professional. | | Site Development Plan, EMP monitoring and Intermittent observation |
| Avoid placement of pylon footings in the clay soils on site | | |
| Spread absorbent sand on areas where oil spills are likely to occur, such as the refuelling area in the hard park | | |
| Oil-contaminated soils are to be removed to a contained storage area and bio-remediate or disposed of at a licensed facility | | |
| If soils are excavated for the footing placement, ensure that the soil is utilised elsewhere for rehabilitation/road building purposes | | |
| Ensure that soil is stockpiled in such a way as to prevent erosion from storm water. | | |

## 13.2 Fauna

| **Management** | **Fauna – especially red data birds** |
|---|---|

| **Component** | |
|---|---|
| **Primary Objective** | |
| To ensure that the development minimises the potential impact to endangered species and their habitat. | |
| **Core Criteria:** | **Monitoring Criteria** |
| All construction areas should be demarcated prior to construction to ensure that the footprint of the impacts are limited (including areas where vehicles may traverse) | Site Development Plan, EMP monitoring and Intermittent observation |
| No construction activity and disturbance will be permitted in the seasonal seepage zone where the red data birds were observed. | |
| Bird flappers are to be installed on all power lines in order to prevent bird collisions. | |
| Construction activities, people and vehicles will not be allowed outside of the area demarcated for construction. | |
| No hunting, snaring or collection of eggs will be allowed. | |
| If any Blue Crane nests or young are found, contact the Mpumalanga Parks Board for assistance. Also avoid the area at all cost (250m buffer) | |
| If adult birds are observed on site, avoid startling the birds, as they could fly into the already existing power lines. | |
| No animals/pets will be allowed in the construction site. | |
| Adhere to the ESKOM bird collision prevention guideline | |
| Poisoning of any sort is strictly forbidden. | |
| Remove all food wastes daily and discard at a licensed waste facility | |
| Provide vermin-proof bins for construction workers | |
| Designate eating areas and prevent food and waste build up | |
| No cooking fires will be permitted, the grassland is highly susceptible to veld fires and these destroy bird eggs | |

### 13.3 Vegetation

| **Management Component** | **Vegetation** | |
|---|---|---|
| **Primary Objective** | | |
| To ensure the control of alien invasive species and that the rehabilitation of indigenous vegetation to as close to the original state as possible. | | |
| **Core Criteria:** | | **Monitoring Criteria** |
| All construction areas should be demarcated prior to construction to ensure that the footprint of the impacts are limited (including areas where vehicles may traverse) | | Site Development Plan, EMP monitoring and Intermittent observation |
| Take appropriate remedial action where vegetation establishment has not been successful or erosion is evident. | | |
| Control of alien invasive species in line with the requirements of Conservation of Agricultural Resources Act will be undertaken. | | |
| Alien invasive plant material will be preferentially removed in entirety through mechanical means (e.g. chainsaw, bulldozer, hand-pulling of smaller specimens). Chemical control is only required as a last resort. | | |
| If during the establishment period, any noxious or excessive weed growth occurs, such vegetation will be removed. | | |
| No construction activity and disturbance will be permitted in the seasonal seepage zone. | | |
| It is the developer's responsibility to implement a monitoring programme that will be instituted to ensure that re-growth of alien invasive plants species does not occur, or that such re-growth is controlled. | | |
| The sensitive vegetation unit should be avoided and construction limited to 50 m from the edge of the wetlands and streams | | |
| Adhere to the ESKOM vegetation management guideline | | |

### 13.4 Rivers, wetlands and Streams

| **Management Component** | **Rivers and streams** | |
|---|---|---|
| **Primary Objective** | | |
| To ensure that the rivers and streams are protected and incur minimal negative impact from the development as possible. | | |
| **Core Criteria:** | | **Monitoring Criteria** |
| The Contractor will minimise the extent of any damage to the flood plain that is necessary to complete the works, and will not pollute any river as a result of construction activities. | | Storm water Management Plan, Site Development Plan, EMP monitoring and Intermittent observations |
| The Contractor will not cause any physical damage to any aspects of a watercourse, other than that necessary to complete the works as specified and in accordance with the accepted method statement. | | |
| No construction vehicles or activities will be allowed to work within 50 m of any of the streams or wetlands on site | | |
| Demarcated areas where waste can be safely contained and stored on a temporary basis during the construction phase should be provided at the hard park | | |
| When adequate volumes (not more than 1 month) have accumulated all waste is to be removed from site and disposed of at a licensed facility | | |
| Waste is not to be buried on site | | |
| All hazardous materials inter alia paints, turpentine and thinners must be stored appropriately to prevent these contaminants from entering the environment | | |
| Spill-sorb or similar type product must be used to absorb hydrocarbon spills in the event that such spills should occur | | |
| Care must be taken to ensure that in removing vegetation adequate erosion control measures are implemented | | |

# 14 CONCLUSION

In conclusion the proponent proposes to construct and operate a 765 kV power line in order to connect the Camden Power Station to the Mbewu substation in Empangeni.

Zitholele Consulting was appointed to screen the biophysical aspects and stakeholder sensitivities of the proposed routes. The aspects investigated include soils, agricultural potential, wetland, surface water, terrestrial ecology and visual impacts.

It was found that the major areas of concern were the sensitive fauna and flora, loss of tourism potential and sense of place and loss of agricultural land. Most of the elements analysed indicate that the impacts from Alternative 2 will be larger than the other 2 alternatives.

Comments and inputs received from stakeholders and authorities indicated that routes BK, KD, AM, AP, NO and PO should be avoided in order to avoid protected areas and sensitivities along the proposed routes.

It is recommended that Alternative 1 (AB-BC-CD-DE-EF2-FG-SGH-HI-IJ) be the preferred alternative with Alternative 3 being a possible alternative if there are any problems identified in the other specialist studies. It should be noted that the main impact from the proposed alternative will be in the cane producing area to the west of Empangeni and all efforts should be made to minimise this impact on the agriculture.

If the line is constructed and operated with the mitigation measures proposed in this report the development will have impacts that are within the acceptable range. The need for the development is clear, but to ensure the placement of the power line in the position with the smallest environmental impact is critical.

**ZITHOLELE CONSULTING (PTY) LTD**

Konrad Kruger Warren Kok

# Appendix 1: Species Lists

# Plant List

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | ACANTHACEAE | Asystasia gangetica subsp. gangetica |
| PRECIS | ACANTHACEAE | Asystasia gangetica subsp. micrantha |
| Gardens (KBG) | ACANTHACEAE | Asystasia varia |
| PRECIS | ACANTHACEAE | Barleria elegans |
| PRECIS (KZN) | ACANTHACEAE | Barleria galpinii |
| PRECIS | ACANTHACEAE | Barleria gueinzii |
| PRECIS | ACANTHACEAE | Barleria mackenii |
| PRECIS | ACANTHACEAE | Barleria meyeriana |
| PRECIS | ACANTHACEAE | Barleria obtusa |
| PRECIS | ACANTHACEAE | Barleria ovata |
| PRECIS | ACANTHACEAE | Barleria wilmsiana |
| PRECIS | ACANTHACEAE | Blepharis integrifolia var. integrifolia |
| Acocks | ACANTHACEAE | Blepharis longispica |
| PRECIS | ACANTHACEAE | Blepharis maderaspatensis |
| Acocks | ACANTHACEAE | Blepharis mitrata |
| PRECIS | ACANTHACEAE | Blepharis stainbankiae |
| PRECIS | ACANTHACEAE | Blepharis subglabra |
| PRECIS | ACANTHACEAE | Blepharis subvolubilis |
| PRECIS (KZN) | ACANTHACEAE | Blepharis subvolubilis var. longifolia |
| PRECIS | ACANTHACEAE | Chaetacanthus burchellii |
| PRECIS | ACANTHACEAE | Chaetacanthus costatus |
| PRECIS | ACANTHACEAE | Chaetacanthus setiger |
| PRECIS | ACANTHACEAE | Chaetacanthus sp. |
| Acocks | ACANTHACEAE | Crabbea acaulis |
| PRECIS | ACANTHACEAE | Crabbea galpinii |
| PRECIS | ACANTHACEAE | Crabbea hirsuta |
| PRECIS | ACANTHACEAE | Crabbea nana |
| PRECIS | ACANTHACEAE | Crossandra fruticulosa |
| PRECIS | ACANTHACEAE | Crossandra greenstockii |
| PRECIS | ACANTHACEAE | Dicliptera clinopodia |
| PRECIS | ACANTHACEAE | Dicliptera divaricata |
| PRECIS | ACANTHACEAE | Dicliptera heterostegia |
| Gardens (KBG) | ACANTHACEAE | Dicliptera sp. |
| PRECIS | ACANTHACEAE | Dicliptera zeylanica |
| PRECIS | ACANTHACEAE | Duvernoia adhatodoides |
| PRECIS (KZN) | ACANTHACEAE | Dyschoriste sp. |
| PRECIS | ACANTHACEAE | Ecbolium glabratum |
| PRECIS | ACANTHACEAE | Hypoestes aristata var. aristata |
| PRECIS | ACANTHACEAE | Hypoestes forskaolii |
| Acocks | ACANTHACEAE | Hypoestes triflora |
| PRECIS | ACANTHACEAE | Isoglossa cooperi |
| PRECIS | ACANTHACEAE | Isoglossa grantii |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ACANTHACEAE | Isoglossa hypoestiflora |
| PRECIS (KZN) | ACANTHACEAE | Isoglossa woodii |
| Acocks | ACANTHACEAE | Justicia anagalloides |
| PRECIS | ACANTHACEAE | Justicia betonica |
| PRECIS | ACANTHACEAE | Justicia campylostemon |
| Acocks | ACANTHACEAE | Justicia flava |
| PRECIS | ACANTHACEAE | Justicia petiolaris subsp. petiolaris |
| PRECIS | ACANTHACEAE | Justicia protracta subsp. protracta |
| PRECIS (KZN) | ACANTHACEAE | Lepidagathis scabra |
| Acocks | ACANTHACEAE | Mackaya bella |
| PRECIS | ACANTHACEAE | Monechma debile |
| Acocks | ACANTHACEAE | Peristrophe cernua |
| PRECIS | ACANTHACEAE | Phaulopsis imbricata subsp. imbricata |
| PRECIS (KZN) | ACANTHACEAE | Pseuderanthemum hildebrandtii |
| PRECIS | ACANTHACEAE | Pseuderanthemum subviscosum |
| PRECIS | ACANTHACEAE | Rhinacanthus gracilis var. gracilis |
| PRECIS | ACANTHACEAE | Ruellia cordata |
| PRECIS | ACANTHACEAE | Ruellia malacophylla |
| Acocks | ACANTHACEAE | Ruellia patula |
| PRECIS (KZN) | ACANTHACEAE | Ruellia sp. |
| PRECIS | ACANTHACEAE | Ruellia stenophylla |
| PRECIS | ACANTHACEAE | Ruttya ovata |
| PRECIS (KZN) | ACANTHACEAE | Salpinctium natalense |
| PRECIS | ACANTHACEAE | Sclerochiton apiculatus |
| PRECIS | ACANTHACEAE | Sclerochiton odoratissimus |
| PRECIS | ACANTHACEAE | Siphonoglossa leptantha subsp. leptantha |
| PRECIS | ACANTHACEAE | Siphonoglossa nkandlaensis |
| PRECIS | ACANTHACEAE | Thunbergia atriplicifolia |
| PRECIS | ACANTHACEAE | Thunbergia natalensis |
| PRECIS | ACANTHACEAE | Thunbergia neglecta |
| PRECIS | ACANTHACEAE | Thunbergia pondoensis |
| PRECIS | ACANTHACEAE | Thunbergia purpurata |
| Gardens (PRE) | ACANTHACEAE | Thunbergia sp. |
| Acocks | ACANTHACEAE | Thunbergia venosa |
| PRECIS | ACHARIACEAE | Ceratiosicyos laevis |
| Acocks | ACHARIACEAE | Kiggelaria africana |
| Acocks | ACHARIACEAE | Rawsonia lucida |
| PRECIS | ACHARIACEAE | Xylotheca kraussiana |
| PRECIS | AGAPANTHACEAE | Agapanthus campanulatus |
| PRECIS | AGAPANTHACEAE | Agapanthus campanulatus subsp. campanulatus |
| PRECIS (KZN) | AGAPANTHACEAE | Agapanthus campanulatus subsp. patens |
| PRECIS | AGAPANTHACEAE | Agapanthus caulescens subsp. angustifolius |
| PRECIS | AGAPANTHACEAE | Agapanthus caulescens subsp. gracilis |
| MSB | AGAPANTHACEAE | Agapanthus inapertus subsp. inapertus |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | AGAPANTHACEAE | Agapanthus inapertus subsp. intermedius |
| PRECIS | AGAPANTHACEAE | Agapanthus praecox subsp. orientalis |
| Gardens (PRE) | AGAPANTHACEAE | Agapanthus sp. |
| Bolus Herbarium | AIZOACEAE | Aizoon canariense |
| Acocks | AIZOACEAE | Aizoon karooicum |
| Bolus Herbarium | AIZOACEAE | Carpobrotus dimidiatus |
| Bolus Herbarium | AIZOACEAE | Delosperma ashtonii |
| Bolus Herbarium | AIZOACEAE | Delosperma lineare |
| Bolus Herbarium | AIZOACEAE | Delosperma repens |
| Bolus Herbarium | AIZOACEAE | Delosperma saturatum |
| Bolus Herbarium | AIZOACEAE | Delosperma sp. |
| Bolus Herbarium | AIZOACEAE | Delosperma sutherlandia |
| Bolus Herbarium | AIZOACEAE | Delosperma tradescantioides |
| PRECIS (KZN) | ALLIACEAE | Tulbaghia acutiloba |
| PRECIS (KZN) | ALLIACEAE | Tulbaghia cernua |
| PRECIS (KZN) | ALLIACEAE | Tulbaghia leucantha |
| PRECIS | ALLIACEAE | Tulbaghia ludwigiana |
| Gardens (PRE) | ALLIACEAE | Tulbaghia sp. |
| Acocks | AMARANTHACEAE | Achyranthes aspera var. aspera |
| PRECIS | AMARANTHACEAE | Achyranthes aspera var. pubescens |
| PRECIS | AMARANTHACEAE | Achyranthes aspera var. sicula |
| PRECIS (KZN) | AMARANTHACEAE | Achyranthes sp. |
| PRECIS (KZN) | AMARANTHACEAE | Achyropsis avicularis |
| PRECIS (KZN) | AMARANTHACEAE | Achyropsis leptostachya |
| PRECIS (KZN) | AMARANTHACEAE | Aerva lanata |
| PRECIS (KZN) | AMARANTHACEAE | Aerva leucura |
| PRECIS (KZN) | AMARANTHACEAE | Alternanthera pungens |
| PRECIS | AMARANTHACEAE | Alternanthera sessilis |
| PRECIS | AMARANTHACEAE | Amaranthus capensis subsp. capensis |
| PRECIS | AMARANTHACEAE | Amaranthus hybridus subsp. hybridus var. hybridus |
| PRECIS (KZN) | AMARANTHACEAE | Amaranthus sp. |
| PRECIS | AMARANTHACEAE | Amaranthus spinosus |
| PRECIS (KZN) | AMARANTHACEAE | Amaranthus thunbergii |
| PRECIS (KZN) | AMARANTHACEAE | Brayulinea densa |
| PRECIS | AMARANTHACEAE | Celosia trigyna |
| PRECIS (KZN) | AMARANTHACEAE | Cyathula cylindrica var. abbreviata |
| Acocks | AMARANTHACEAE | Cyathula cylindrica var. cylindrica |
| PRECIS (KZN) | AMARANTHACEAE | Cyathula uncinulata |
| PRECIS (KZN) | AMARANTHACEAE | Gomphrena celosioides |
| PRECIS | AMARANTHACEAE | Hermbstaedtia caffra |
| PRECIS | AMARANTHACEAE | Hermbstaedtia odorata var. aurantiaca |
| PRECIS (KZN) | AMARANTHACEAE | Hermbstaedtia odorata var. odorata |
| PRECIS (KZN) | AMARANTHACEAE | Kyphocarpa angustifolia |
| PRECIS | AMARANTHACEAE | Kyphocarpa trichinoides |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | AMARANTHACEAE | Pupalia lappacea var. lappacea |
| PRECIS | AMARYLLIDACEAE | Ammocharis coranica |
| PRECIS | AMARYLLIDACEAE | Ammocharis sp. |
| PRECIS | AMARYLLIDACEAE | Apodolirion buchananii |
| PRECIS (KZN) | AMARYLLIDACEAE | Boophone disticha |
| PRECIS | AMARYLLIDACEAE | Brunsvigia grandiflora |
| PRECIS | AMARYLLIDACEAE | Brunsvigia natalensis |
| PRECIS | AMARYLLIDACEAE | Brunsvigia radulosa |
| Gardens (KBG) | AMARYLLIDACEAE | Clivia gardenii |
| Gardens (KBG) | AMARYLLIDACEAE | Clivia gardenii Entomeni |
| Gardens (KBG) | AMARYLLIDACEAE | Clivia gardenii Ngome |
| PRECIS (KZN) | AMARYLLIDACEAE | Clivia gardenii var. citrina |
| PRECIS | AMARYLLIDACEAE | Clivia miniata |
| Gardens (KBG) | AMARYLLIDACEAE | Clivia miniata var. miniata |
| Gardens (KBG) | AMARYLLIDACEAE | Clivia miniata var. miniata 'Ngoye' |
| Gardens (KBG) | AMARYLLIDACEAE | Clivia miniata var. miniata Sepekoe |
| PRECIS | AMARYLLIDACEAE | Clivia sp. |
| PRECIS (KZN) | AMARYLLIDACEAE | Crinum bulbispermum |
| PRECIS (KZN) | AMARYLLIDACEAE | Crinum delagoense |
| Gardens (KBG) | AMARYLLIDACEAE | Crinum graminicola |
| PRECIS | AMARYLLIDACEAE | Crinum macowanii |
| Gardens (KBG) | AMARYLLIDACEAE | Crinum moorei |
| PRECIS | AMARYLLIDACEAE | Crinum stuhlmannii |
| PRECIS | AMARYLLIDACEAE | Cyrtanthus bicolor |
| PRECIS | AMARYLLIDACEAE | Cyrtanthus brachysiphon |
| PRECIS (KZN) | AMARYLLIDACEAE | Cyrtanthus breviflorus |
| PRECIS | AMARYLLIDACEAE | Cyrtanthus contractus |
| PRECIS | AMARYLLIDACEAE | Cyrtanthus epiphyticus |
| PRECIS | AMARYLLIDACEAE | Cyrtanthus galpinii |
| PRECIS | AMARYLLIDACEAE | Cyrtanthus macowanii |
| PRECIS | AMARYLLIDACEAE | Cyrtanthus nutans |
| PRECIS | AMARYLLIDACEAE | Cyrtanthus obrienii |
| Gardens (KBG) | AMARYLLIDACEAE | Cyrtanthus sanguineus subsp. sanguineus |
| PRECIS (KZN) | AMARYLLIDACEAE | Cyrtanthus stenanthus var. major |
| PRECIS | AMARYLLIDACEAE | Cyrtanthus stenanthus var. stenanthus |
| Acocks | AMARYLLIDACEAE | Cyrtanthus tuckii var. transvaalensis |
| PRECIS | AMARYLLIDACEAE | Cyrtanthus tuckii var. tuckii |
| PRECIS (KZN) | AMARYLLIDACEAE | Cyrtanthus tuckii var. viridilobus |
| PRECIS | AMARYLLIDACEAE | Haemanthus albiflos |
| PRECIS | AMARYLLIDACEAE | Haemanthus humilis subsp. hirsutus |
| PRECIS | AMARYLLIDACEAE | Haemanthus humilis subsp. humilis |
| PRECIS | AMARYLLIDACEAE | Haemanthus montanus |
| Gardens (KBG) | AMARYLLIDACEAE | Haemanthus pauculifolius |
| Gardens (PRE) | AMARYLLIDACEAE | Haemanthus sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | AMARYLLIDACEAE | Nerine angustifolia |
| PRECIS | AMARYLLIDACEAE | Nerine appendiculata |
| PRECIS | AMARYLLIDACEAE | Nerine filifolia |
| PRECIS | AMARYLLIDACEAE | Nerine krigei |
| PRECIS | AMARYLLIDACEAE | Nerine platypetala |
| Gardens (KBG) | AMARYLLIDACEAE | Nerine rehmannii |
| PRECIS | AMARYLLIDACEAE | Nerine sp. |
| PRECIS (KZN) | AMARYLLIDACEAE | Nerine undulata |
| PRECIS | AMARYLLIDACEAE | Scadoxus membranaceus |
| PRECIS | AMARYLLIDACEAE | Scadoxus multiflorus subsp. katharinae |
| PRECIS (KZN) | AMARYLLIDACEAE | Scadoxus multiflorus subsp. multiflorus |
| Acocks | AMARYLLIDACEAE | Scadoxus puniceus |
| Gardens (KBG) | AMARYLLIDACEAE | Scadoxus sp. |
| PRECIS | AMBLYSTEGIACEAE | Drepanocladus sp. |
| PRECIS | AMBLYSTEGIACEAE | Leptodictyum riparium |
| Acocks | ANACARDIACEAE | Harpephyllum caffrum |
| Acocks | ANACARDIACEAE | Lannea discolor |
| Acocks | ANACARDIACEAE | Lannea edulis var. edulis |
| PRECIS | ANACARDIACEAE | Ozoroa engleri |
| PRECIS | ANACARDIACEAE | Ozoroa insignis subsp. reticulata |
| PRECIS | ANACARDIACEAE | Ozoroa paniculosa var. paniculosa |
| PRECIS | ANACARDIACEAE | Ozoroa sphaerocarpa |
| Acocks | ANACARDIACEAE | Protorhus longifolia |
| Acocks | ANACARDIACEAE | Rhus chirindensis |
| Acocks | ANACARDIACEAE | Rhus dentata |
| Acocks | ANACARDIACEAE | Rhus discolor |
| Acocks | ANACARDIACEAE | Rhus divaricata |
| Acocks | ANACARDIACEAE | Rhus gueinzii |
| PRECIS (KZN) | ANACARDIACEAE | Rhus harveyi |
| Acocks | ANACARDIACEAE | Rhus lucida forma lucida |
| PRECIS | ANACARDIACEAE | Rhus nebulosa |
| PRECIS (KZN) | ANACARDIACEAE | Rhus nebulosa forma nebulosa |
| Acocks | ANACARDIACEAE | Rhus pentheri |
| Acocks | ANACARDIACEAE | Rhus pyroides var. gracilis |
| Acocks | ANACARDIACEAE | Rhus refracta |
| Acocks | ANACARDIACEAE | Rhus rehmanniana var. rehmanniana |
| Acocks | ANACARDIACEAE | Rhus rigida var. dentata |
| PRECIS | ANACARDIACEAE | Rhus sp. |
| Acocks | ANACARDIACEAE | Rhus tomentosa |
| Acocks | ANACARDIACEAE | Rhus transvaalensis |
| Acocks | ANACARDIACEAE | Rhus tumulicola var. tumulicola |
| Acocks | ANACARDIACEAE | Rhus undulata |
| PRECIS | ANACARDIACEAE | Schinus terebinthifolius |
| Acocks | ANACARDIACEAE | Sclerocarya birrea subsp. caffra |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ANACARDIACEAE | Searsia carnosula |
| PRECIS (KZN) | ANACARDIACEAE | Searsia chirindensis |
| PRECIS | ANACARDIACEAE | Searsia dentata |
| PRECIS | ANACARDIACEAE | Searsia discolor |
| PRECIS | ANACARDIACEAE | Searsia dracomontana |
| PRECIS | ANACARDIACEAE | Searsia gerrardii |
| PRECIS | ANACARDIACEAE | Searsia grandidens |
| PRECIS (KZN) | ANACARDIACEAE | Searsia gueinzii |
| PRECIS | ANACARDIACEAE | Searsia harveyi |
| PRECIS | ANACARDIACEAE | Searsia lucida forma lucida |
| PRECIS | ANACARDIACEAE | Searsia magalismontana subsp. trifoliolata |
| PRECIS | ANACARDIACEAE | Searsia montana |
| PRECIS (KZN) | ANACARDIACEAE | Searsia nebulosa forma nebulosa |
| PRECIS (KZN) | ANACARDIACEAE | Searsia pallens |
| PRECIS | ANACARDIACEAE | Searsia pentheri |
| PRECIS | ANACARDIACEAE | Searsia pondoensis |
| PRECIS | ANACARDIACEAE | Searsia pyroides var. gracilis |
| PRECIS | ANACARDIACEAE | Searsia pyroides var. integrifolia |
| PRECIS (KZN) | ANACARDIACEAE | Searsia pyroides var. pyroides |
| PRECIS | ANACARDIACEAE | Searsia rehmanniana var. glabrata |
| PRECIS (KZN) | ANACARDIACEAE | Searsia rehmanniana var. rehmanniana |
| PRECIS (KZN) | ANACARDIACEAE | Searsia rigida var. dentata |
| PRECIS | ANACARDIACEAE | Searsia rigida var. margaretae |
| PRECIS | ANACARDIACEAE | Searsia rigida var. rigida |
| PRECIS | ANACARDIACEAE | Searsia tomentosa |
| PRECIS | ANACARDIACEAE | Searsia transvaalensis |
| PRECIS | ANACARDIACEAE | Searsia tumulicola var. meeuseana forma meeuseana |
| PRECIS | ANACARDIACEAE | Searsia tumulicola var. tumulicola |
| PRECIS | ANACARDIACEAE | Searsia undulata |
| PRECIS | ANACARDIACEAE | Smodingium argutum |
| PRECIS | ANEMIACEAE | Anemia dregeana |
| PRECIS (KZN) | ANEMIACEAE | Mohria caffrorum |
| Gardens (KBG) | ANEMIACEAE | Mohria nudiuscula |
| Gardens (KBG) | ANEMIACEAE | Mohria sp. |
| PRECIS | ANEMIACEAE | Mohria vestita |
| PRECIS | ANEURACEAE | Aneura pinguis |
| PRECIS | ANEURACEAE | Riccardia fastigiata |
| PRECIS | ANNONACEAE | Annona senegalensis subsp. senegalensis |
| PRECIS (KZN) | ANNONACEAE | Artabotrys monteiroae |
| PRECIS (KZN) | ANNONACEAE | Monanthotaxis caffra |
| Acocks | ANNONACEAE | Uvaria caffra |
| PRECIS | ANNONACEAE | Uvaria lucida subsp. virens |
| PRECIS | ANOMODONTACEAE | Anomodon pseudotristis |
| PRECIS (KZN) | ANTHERICACEAE | Anthericum angulicaule |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | ANTHERICACEAE | Anthericum cooperi |
| PRECIS (KZN) | ANTHERICACEAE | Anthericum fasciculatum |
| PRECIS (KZN) | ANTHERICACEAE | Anthericum galpinii |
| PRECIS (KZN) | ANTHERICACEAE | Anthericum haygarthii |
| PRECIS | ANTHERICACEAE | Anthericum longistylum |
| PRECIS | ANTHERICACEAE | Chlorophytum angulicaule |
| PRECIS | ANTHERICACEAE | Chlorophytum comosum |
| Acocks | ANTHERICACEAE | Chlorophytum cooperi |
| PRECIS | ANTHERICACEAE | Chlorophytum fasciculatum |
| PRECIS | ANTHERICACEAE | Chlorophytum galpinii var. galpinii |
| PRECIS | ANTHERICACEAE | Chlorophytum haygarthii |
| PRECIS (KZN) | ANTHERICACEAE | Chlorophytum krookianum |
| PRECIS (KZN) | ANTHERICACEAE | Chlorophytum saundersiae |
| Gardens (KBG) | ANTHERICACEAE | Chlorophytum sp. |
| PRECIS | ANTHERICACEAE | Chlorophytum transvaalense |
| PRECIS | ANTHOCEROTACEAE | Anthoceros natalensis |
| PRECIS | ANTHOCEROTACEAE | Phaeoceros bolusii |
| PRECIS | ANTHOCEROTACEAE | Phaeoceros sp. |
| PRECIS | APIACEAE | Afroligusticum thodei |
| PRECIS | APIACEAE | Afroligusticum wilmsianum |
| PRECIS | APIACEAE | Afrosciadium caffrum |
| PRECIS | APIACEAE | Afrosciadium magalismontanum |
| PRECIS | APIACEAE | Afrosciadium natalense |
| PRECIS | APIACEAE | Afrosciadium platycarpum |
| PRECIS (KZN) | APIACEAE | Afrosciadium thodei |
| PRECIS (KZN) | APIACEAE | Alepidea amatymbica var. amatymbica |
| PRECIS | APIACEAE | Alepidea cordifolia |
| PRECIS (KZN) | APIACEAE | Alepidea gracilis |
| PRECIS | APIACEAE | Alepidea longifolia subsp. lancifolia |
| Gardens (PRE) | APIACEAE | Alepidea natalensis |
| PRECIS | APIACEAE | Alepidea peduncularis |
| PRECIS | APIACEAE | Alepidea setifera |
| PRECIS | APIACEAE | Berula erecta subsp. thunbergii |
| PRECIS | APIACEAE | Bupleurum mundii |
| PRECIS | APIACEAE | Centella asiatica |
| PRECIS | APIACEAE | Centella glabrata var. natalensis |
| PRECIS | APIACEAE | Centella graminifolia |
| Gardens (PRE) | APIACEAE | Centella sp. |
| PRECIS (KZN) | APIACEAE | Ciclospermum leptophyllum |
| PRECIS | APIACEAE | Conium chaerophylloides |
| PRECIS | APIACEAE | Conium fontanum var. fontanum |
| PRECIS | APIACEAE | Conium sp. |
| PRECIS | APIACEAE | Dracosciadium italae |
| PRECIS | APIACEAE | Foeniculum vulgare var. vulgare |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | APIACEAE | Heteromorpha arborescens |
| PRECIS (KZN) | APIACEAE | Heteromorpha arborescens var. abyssinica |
| Acocks | APIACEAE | Heteromorpha arborescens var. arborescens |
| PRECIS (KZN) | APIACEAE | Hydrocotyle americana |
| PRECIS | APIACEAE | Lichtensteinia interrupta |
| PRECIS | APIACEAE | Lichtensteinia kolbeana |
| PRECIS | APIACEAE | Notobubon laevigatum |
| PRECIS | APIACEAE | Pimpinella caffra |
| PRECIS | APIACEAE | Pimpinella transvaalensis |
| PRECIS | APIACEAE | Polemannia montana |
| PRECIS | APIACEAE | Polemannia simplicior |
| PRECIS | APIACEAE | Sanicula elata |
| PRECIS | APIACEAE | Sium repandum |
| MSB | APOCYNACEAE | Acokanthera oblongifolia |
| Acocks | APOCYNACEAE | Acokanthera oppositifolia |
| PRECIS | APOCYNACEAE | Acokanthera rotundata |
| PRECIS | APOCYNACEAE | Adenium multiflorum |
| PRECIS | APOCYNACEAE | Anisotoma pedunculata |
| PRECIS | APOCYNACEAE | Asclepias adscendens |
| PRECIS | APOCYNACEAE | Asclepias affinis |
| PRECIS | APOCYNACEAE | Asclepias albens |
| Acocks | APOCYNACEAE | Asclepias aurea |
| PRECIS | APOCYNACEAE | Asclepias bicuspis |
| PRECIS | APOCYNACEAE | Asclepias brevicuspis |
| PRECIS | APOCYNACEAE | Asclepias brevipes |
| Acocks | APOCYNACEAE | Asclepias crassinervis |
| PRECIS | APOCYNACEAE | Asclepias crispa var. crispa |
| PRECIS | APOCYNACEAE | Asclepias cucullata subsp. cucullata |
| PRECIS | APOCYNACEAE | Asclepias cultriformis |
| PRECIS | APOCYNACEAE | Asclepias dregeana var. calceola |
| PRECIS | APOCYNACEAE | Asclepias dregeana var. dregeana |
| PRECIS | APOCYNACEAE | Asclepias eminens |
| PRECIS | APOCYNACEAE | Asclepias flexuosa |
| PRECIS (KZN) | APOCYNACEAE | Asclepias gibba var. gibba |
| PRECIS (KZN) | APOCYNACEAE | Asclepias gordon-grayae |
| PRECIS | APOCYNACEAE | Asclepias macropus |
| PRECIS | APOCYNACEAE | Asclepias meyeriana |
| PRECIS | APOCYNACEAE | Asclepias multicaulis |
| PRECIS | APOCYNACEAE | Asclepias praemorsa |
| PRECIS | APOCYNACEAE | Asclepias sp. |
| PRECIS | APOCYNACEAE | Asclepias stellifera |
| PRECIS | APOCYNACEAE | Asclepias vicaria |
| PRECIS | APOCYNACEAE | Asclepias woodii |
| PRECIS | APOCYNACEAE | Aspidoglossum araneiferum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | APOCYNACEAE | Aspidoglossum biflorum |
| Acocks | APOCYNACEAE | Aspidoglossum carinatum |
| PRECIS (KZN) | APOCYNACEAE | Aspidoglossum delagoense |
| PRECIS | APOCYNACEAE | Aspidoglossum demissum |
| PRECIS | APOCYNACEAE | Aspidoglossum dissimile |
| Acocks | APOCYNACEAE | Aspidoglossum fasciculare |
| PRECIS | APOCYNACEAE | Aspidoglossum glabrescens |
| PRECIS | APOCYNACEAE | Aspidoglossum glanduliferum |
| PRECIS | APOCYNACEAE | Aspidoglossum ovalifolium |
| PRECIS (KZN) | APOCYNACEAE | Aspidoglossum sp. |
| PRECIS | APOCYNACEAE | Aspidoglossum woodii |
| PRECIS | APOCYNACEAE | Aspidoglossum xanthosphaerum |
| PRECIS | APOCYNACEAE | Aspidonepsis diploglossa |
| PRECIS | APOCYNACEAE | Brachystelma burchellii var. burchellii |
| PRECIS | APOCYNACEAE | Brachystelma christianeae |
| PRECIS | APOCYNACEAE | Brachystelma circinatum |
| PRECIS | APOCYNACEAE | Brachystelma filifolium |
| PRECIS | APOCYNACEAE | Brachystelma foetidum |
| PRECIS | APOCYNACEAE | Brachystelma gerrardii |
| PRECIS (KZN) | APOCYNACEAE | Brachystelma modestum |
| PRECIS | APOCYNACEAE | Brachystelma ngomense |
| PRECIS | APOCYNACEAE | Brachystelma pygmaeum subsp. pygmaeum |
| PRECIS | APOCYNACEAE | Brachystelma remotum |
| PRECIS | APOCYNACEAE | Brachystelma rubellum |
| PRECIS | APOCYNACEAE | Brachystelma sandersonii |
| PRECIS | APOCYNACEAE | Brachystelma sp. |
| PRECIS | APOCYNACEAE | Brachystelma villosum |
| Acocks | APOCYNACEAE | Carissa bispinosa |
| PRECIS | APOCYNACEAE | Carissa bispinosa var. acuminata |
| PRECIS (KZN) | APOCYNACEAE | Carissa edulis |
| PRECIS | APOCYNACEAE | Carissa macrocarpa |
| PRECIS | APOCYNACEAE | Carissa tetramera |
| PRECIS | APOCYNACEAE | Carissa wyliei |
| PRECIS | APOCYNACEAE | Catharanthus roseus |
| PRECIS | APOCYNACEAE | Ceropegia africana subsp. africana |
| PRECIS | APOCYNACEAE | Ceropegia carnosa |
| PRECIS | APOCYNACEAE | Ceropegia craibii |
| PRECIS | APOCYNACEAE | Ceropegia crassifolia var. crassifolia |
| PRECIS | APOCYNACEAE | Ceropegia linearis subsp. woodii |
| PRECIS | APOCYNACEAE | Ceropegia meyeri |
| PRECIS | APOCYNACEAE | Ceropegia nilotica var. nilotica |
| PRECIS (KZN) | APOCYNACEAE | Ceropegia pachystelma subsp. pachystelma |
| PRECIS | APOCYNACEAE | Ceropegia rendallii |
| PRECIS | APOCYNACEAE | Ceropegia sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | APOCYNACEAE | Ceropegia stenantha |
| PRECIS | APOCYNACEAE | Cordylogyne globosa |
| PRECIS | APOCYNACEAE | Cryptolepis capensis |
| PRECIS | APOCYNACEAE | Cryptolepis delagoensis |
| PRECIS | APOCYNACEAE | Cryptolepis oblongifolia |
| PRECIS | APOCYNACEAE | Cynanchum ellipticum |
| PRECIS | APOCYNACEAE | Cynanchum gerrardii |
| PRECIS | APOCYNACEAE | Duvalia polita |
| PRECIS | APOCYNACEAE | Fockea angustifolia |
| Acocks | APOCYNACEAE | Gomphocarpus fruticosus subsp. fruticosus |
| PRECIS | APOCYNACEAE | Gomphocarpus physocarpus |
| PRECIS | APOCYNACEAE | Gomphocarpus rivularis |
| PRECIS | APOCYNACEAE | Gomphocarpus tomentosus subsp. tomentosus |
| PRECIS | APOCYNACEAE | Gonioma kamassi |
| PRECIS (KZN) | APOCYNACEAE | Huernia hystrix var. hystrix |
| PRECIS | APOCYNACEAE | Huernia stapelioides |
| PRECIS | APOCYNACEAE | Huernia zebrina subsp. zebrina |
| Gardens (KBG) | APOCYNACEAE | Ischnolepis natalensis |
| PRECIS | APOCYNACEAE | Landolphia kirkii |
| PRECIS | APOCYNACEAE | Marsdenia sylvestris |
| PRECIS (KZN) | APOCYNACEAE | Miraglossum davyi |
| PRECIS | APOCYNACEAE | Miraglossum pilosum |
| PRECIS | APOCYNACEAE | Miraglossum pulchellum |
| PRECIS | APOCYNACEAE | Miraglossum verticillare |
| PRECIS | APOCYNACEAE | Mondia whitei |
| PRECIS (KZN) | APOCYNACEAE | Oncinotis tenuiloba |
| PRECIS | APOCYNACEAE | Orbea carnosa subsp. keithii |
| PRECIS | APOCYNACEAE | Pachycarpus appendiculatus |
| PRECIS | APOCYNACEAE | Pachycarpus asperifolius |
| PRECIS | APOCYNACEAE | Pachycarpus campanulatus var. campanulatus |
| PRECIS | APOCYNACEAE | Pachycarpus campanulatus var. sutherlandii |
| PRECIS | APOCYNACEAE | Pachycarpus concolor |
| PRECIS | APOCYNACEAE | Pachycarpus dealbatus |
| PRECIS | APOCYNACEAE | Pachycarpus decorus |
| PRECIS | APOCYNACEAE | Pachycarpus grandiflorus subsp. tomentosus |
| PRECIS | APOCYNACEAE | Pachycarpus rostratus |
| PRECIS | APOCYNACEAE | Pachycarpus scaber |
| PRECIS | APOCYNACEAE | Pachycarpus sp. |
| PRECIS | APOCYNACEAE | Pachycarpus transvaalensis |
| PRECIS | APOCYNACEAE | Pachypodium saundersii |
| PRECIS | APOCYNACEAE | Parapodium costatum |
| PRECIS | APOCYNACEAE | Pentarrhinum sp. |
| PRECIS | APOCYNACEAE | Pergularia daemia var. daemia |
| PRECIS | APOCYNACEAE | Periglossum angustifolium |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | APOCYNACEAE | Periglossum kassnerianum |
| PRECIS | APOCYNACEAE | Periglossum mackenii |
| Acocks | APOCYNACEAE | Raphionacme galpinii |
| PRECIS | APOCYNACEAE | Raphionacme hirsuta |
| PRECIS (KZN) | APOCYNACEAE | Raphionacme lucens |
| PRECIS | APOCYNACEAE | Raphionacme palustris |
| PRECIS | APOCYNACEAE | Raphionacme procumbens |
| PRECIS | APOCYNACEAE | Raphionacme sp. |
| Acocks | APOCYNACEAE | Rauvolfia caffra |
| PRECIS | APOCYNACEAE | Riocreuxia burchellii |
| PRECIS | APOCYNACEAE | Riocreuxia picta |
| PRECIS (KZN) | APOCYNACEAE | Riocreuxia profusa |
| PRECIS | APOCYNACEAE | Riocreuxia torulosa var. torulosa |
| Acocks | APOCYNACEAE | Sarcostemma viminale subsp. viminale |
| PRECIS | APOCYNACEAE | Schizoglossum atropurpureum |
| PRECIS | APOCYNACEAE | Schizoglossum atropurpureum subsp. atropurpureum |
| PRECIS | APOCYNACEAE | Schizoglossum bidens subsp. atrorubens |
| PRECIS | APOCYNACEAE | Schizoglossum bidens subsp. bidens |
| PRECIS | APOCYNACEAE | Schizoglossum bidens subsp. galpinii |
| PRECIS | APOCYNACEAE | Schizoglossum bidens subsp. pachyglossum |
| PRECIS | APOCYNACEAE | Schizoglossum bidens subsp. productum |
| Acocks | APOCYNACEAE | Schizoglossum cordifolium |
| PRECIS (KZN) | APOCYNACEAE | Schizoglossum eustegioides |
| Acocks | APOCYNACEAE | Schizoglossum ingomense |
| PRECIS (KZN) | APOCYNACEAE | Schizoglossum nitidum |
| PRECIS | APOCYNACEAE | Schizoglossum pachyglossum |
| PRECIS | APOCYNACEAE | Schizoglossum periglossoides |
| PRECIS | APOCYNACEAE | Schizoglossum pulchellum |
| PRECIS | APOCYNACEAE | Schizoglossum sp. |
| PRECIS | APOCYNACEAE | Schizoglossum stenoglossum subsp. latifolium |
| PRECIS | APOCYNACEAE | Schizoglossum stenoglossum subsp. stenoglossum |
| PRECIS | APOCYNACEAE | Secamone alpini |
| PRECIS | APOCYNACEAE | Secamone filiformis |
| PRECIS | APOCYNACEAE | Secamone gerrardii |
| PRECIS (KZN) | APOCYNACEAE | Secamone parvifolia |
| PRECIS | APOCYNACEAE | Sisyranthus compactus |
| PRECIS | APOCYNACEAE | Sisyranthus huttoniae |
| PRECIS | APOCYNACEAE | Sisyranthus imberbis |
| PRECIS | APOCYNACEAE | Sisyranthus saundersiae |
| PRECIS | APOCYNACEAE | Sisyranthus virgatus |
| PRECIS | APOCYNACEAE | Sphaerocodon natalense |
| PRECIS | APOCYNACEAE | Stapelia gigantea |
| PRECIS | APOCYNACEAE | Stapelia grandiflora var. grandiflora |
| PRECIS | APOCYNACEAE | Stapelia unicornis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | APOCYNACEAE | Stenostelma corniculatum |
| PRECIS (KZN) | APOCYNACEAE | Stenostelma eminens |
| PRECIS | APOCYNACEAE | Stenostelma sp. |
| PRECIS | APOCYNACEAE | Stenostelma umbelluliferum |
| PRECIS | APOCYNACEAE | Stomatostemma monteiroae |
| PRECIS | APOCYNACEAE | Strophanthus gerrardii |
| PRECIS | APOCYNACEAE | Strophanthus luteolus |
| PRECIS | APOCYNACEAE | Strophanthus speciosus |
| Gardens (KBG) | APOCYNACEAE | Tabernaemontana elegans |
| Acocks | APOCYNACEAE | Tabernaemontana ventricosa |
| Acocks | APOCYNACEAE | Tacazzea apiculata |
| PRECIS | APOCYNACEAE | Tenaris christianeae |
| PRECIS (KZN) | APOCYNACEAE | Tenaris rubella |
| Acocks | APOCYNACEAE | Tylophora flanaganii |
| PRECIS | APOCYNACEAE | Tylophora lycioides |
| PRECIS | APOCYNACEAE | Vinca major |
| PRECIS | APOCYNACEAE | Voacanga thouarsii |
| PRECIS | APOCYNACEAE | Wrightia natalensis |
| PRECIS | APOCYNACEAE | Xysmalobium asperum |
| PRECIS | APOCYNACEAE | Xysmalobium confusum |
| PRECIS (KZN) | APOCYNACEAE | Xysmalobium involucratum |
| PRECIS | APOCYNACEAE | Xysmalobium parviflorum |
| PRECIS | APOCYNACEAE | Xysmalobium sp. |
| PRECIS | APOCYNACEAE | Xysmalobium stockenstromense |
| PRECIS | APOCYNACEAE | Xysmalobium undulatum var. undulatum |
| PRECIS | APONOGETONACEAE | Aponogeton junceus |
| PRECIS (KZN) | APONOGETONACEAE | Aponogeton junceus subsp. junceus |
| PRECIS | AQUIFOLIACEAE | Ilex mitis var. mitis |
| PRECIS | ARACEAE | Gonatopus angustus |
| PRECIS | ARACEAE | Pistia stratiotes |
| PRECIS (KZN) | ARACEAE | Stylochaeton natalensis |
| PRECIS | ARACEAE | Zantedeschia aethiopica |
| PRECIS (KZN) | ARACEAE | Zantedeschia albomaculata subsp. albomaculata |
| PRECIS | ARACEAE | Zantedeschia albomaculata subsp. macrocarpa |
| PRECIS | ARACEAE | Zantedeschia pentlandii |
| PRECIS (KZN) | ARACEAE | Zantedeschia rehmannii |
| Gardens (PRE) | ARACEAE | Zantedeschia sp. |
| PRECIS (KZN) | ARALIACEAE | Cephalaralia sp. |
| PRECIS | ARALIACEAE | Cussonia arenicola |
| PRECIS | ARALIACEAE | Cussonia gamtoosensis |
| Acocks | ARALIACEAE | Cussonia natalensis |
| Acocks | ARALIACEAE | Cussonia paniculata subsp. paniculata |
| PRECIS | ARALIACEAE | Cussonia paniculata subsp. sinuata |
| PRECIS | ARALIACEAE | Cussonia sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Gardens (KBG) | ARALIACEAE | Cussonia sphaerocephala |
| Acocks | ARALIACEAE | Cussonia spicata |
| PRECIS | ARALIACEAE | Cussonia zuluensis |
| PRECIS | ARALIACEAE | Hydrocotyle bonariensis |
| PRECIS | ARALIACEAE | Hydrocotyle sibthorpioides |
| PRECIS | ARALIACEAE | Hydrocotyle sp. |
| PRECIS | ARALIACEAE | Hydrocotyle verticillata |
| PRECIS | ARALIACEAE | Schefflera umbellifera |
| PRECIS (KZN) | ARALIACEAE | Seemannaralia gerrardii |
| PRECIS | ARCHIDIACEAE | Archidium ohioense |
| PRECIS | ARECACEAE | Phoenix reclinata |
| Gardens (KBG) | ARECACEAE | Raphia australis |
| PRECIS (KZN) | ARECACEAE | Syagrus sp. |
| PRECIS | ARECACEAE | Synechanthus warszewiczianus |
| PRECIS | ARTHONIACEAE | Arthonia sp. |
| PRECIS | ARTHONIACEAE | Cryptothecia sp. |
| PRECIS (KZN) | ASPARAGACEAE | Asparagus acocksii |
| Acocks | ASPARAGACEAE | Asparagus aethiopicus |
| PRECIS (KZN) | ASPARAGACEAE | Asparagus africanus |
| PRECIS (KZN) | ASPARAGACEAE | Asparagus africanus var. concinnus |
| PRECIS | ASPARAGACEAE | Asparagus angusticladus |
| PRECIS (KZN) | ASPARAGACEAE | Asparagus asparagoides |
| PRECIS | ASPARAGACEAE | Asparagus bechuanicus |
| PRECIS | ASPARAGACEAE | Asparagus buchananii |
| PRECIS | ASPARAGACEAE | Asparagus coddii |
| PRECIS | ASPARAGACEAE | Asparagus concinnus |
| PRECIS | ASPARAGACEAE | Asparagus cooperi |
| PRECIS | ASPARAGACEAE | Asparagus densiflorus |
| PRECIS | ASPARAGACEAE | Asparagus devenishii |
| PRECIS (KZN) | ASPARAGACEAE | Asparagus divaricatus |
| PRECIS | ASPARAGACEAE | Asparagus edulis |
| Acocks | ASPARAGACEAE | Asparagus falcatus |
| PRECIS | ASPARAGACEAE | Asparagus fractiflexus |
| PRECIS | ASPARAGACEAE | Asparagus glaucus |
| PRECIS | ASPARAGACEAE | Asparagus intricatus |
| PRECIS (KZN) | ASPARAGACEAE | Asparagus laricinus |
| PRECIS (KZN) | ASPARAGACEAE | Asparagus macowanii |
| PRECIS (KZN) | ASPARAGACEAE | Asparagus microraphis |
| Acocks | ASPARAGACEAE | Asparagus natalensis |
| Gardens (KBG) | ASPARAGACEAE | Asparagus plumosus |
| Acocks | ASPARAGACEAE | Asparagus racemosus |
| PRECIS | ASPARAGACEAE | Asparagus ramosissimus |
| PRECIS | ASPARAGACEAE | Asparagus setaceus |
| PRECIS (KZN) | ASPARAGACEAE | Asparagus sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASPARAGACEAE | Asparagus suaveolens |
| Acocks | ASPARAGACEAE | Asparagus virgatus |
| Acocks | ASPARAGACEAE | Asparagus volubilis |
| Acocks | ASPHODELACEAE | Aloe arborescens |
| Gardens (PRE) | ASPHODELACEAE | Aloe bainesii |
| Gardens (PRE) | ASPHODELACEAE | Aloe boylei |
| PRECIS | ASPHODELACEAE | Aloe cooperi subsp. cooperi |
| Gardens (PRE) | ASPHODELACEAE | Aloe davyana |
| PRECIS | ASPHODELACEAE | Aloe dewetii |
| PRECIS (KZN) | ASPHODELACEAE | Aloe dominella |
| PRECIS (KZN) | ASPHODELACEAE | Aloe ecklonis |
| PRECIS (KZN) | ASPHODELACEAE | Aloe ferox |
| PRECIS (KZN) | ASPHODELACEAE | Aloe gerstneri |
| PRECIS | ASPHODELACEAE | Aloe greatheadii var. davyana |
| PRECIS (KZN) | ASPHODELACEAE | Aloe greenii |
| PRECIS (KZN) | ASPHODELACEAE | Aloe hlangapies |
| PRECIS (KZN) | ASPHODELACEAE | Aloe kniphofioides |
| PRECIS | ASPHODELACEAE | Aloe linearifolia |
| Acocks | ASPHODELACEAE | Aloe maculata |
| PRECIS | ASPHODELACEAE | Aloe maculata All. x striata Haw. |
| Acocks | ASPHODELACEAE | Aloe marlothii subsp. marlothii |
| Gardens (PRE) | ASPHODELACEAE | Aloe marlothii subsp. orientalis |
| Gardens (PRE) | ASPHODELACEAE | Aloe marlothii var. bicolor |
| PRECIS (KZN) | ASPHODELACEAE | Aloe minima |
| PRECIS | ASPHODELACEAE | Aloe modesta |
| PRECIS | ASPHODELACEAE | Aloe mudenensis |
| PRECIS | ASPHODELACEAE | Aloe parvibracteata |
| MSB | ASPHODELACEAE | Aloe reitzii var. vernalis |
| PRECIS | ASPHODELACEAE | Aloe rupestris |
| Gardens (PRE) | ASPHODELACEAE | Aloe saundersiae |
| Gardens (PRE) | ASPHODELACEAE | Aloe sp. |
| PRECIS | ASPHODELACEAE | Aloe suprafoliata |
| PRECIS | ASPHODELACEAE | Aloe tenuior |
| PRECIS | ASPHODELACEAE | Aloe umfoloziensis |
| PRECIS | ASPHODELACEAE | Aloe vanbalenii |
| Gardens (PRE) | ASPHODELACEAE | Aloe vryheidensis |
| PRECIS | ASPHODELACEAE | Bulbine abyssinica |
| PRECIS | ASPHODELACEAE | Bulbine capitata |
| PRECIS | ASPHODELACEAE | Bulbine coetzeei |
| PRECIS | ASPHODELACEAE | Bulbine favosa |
| PRECIS (KZN) | ASPHODELACEAE | Bulbine filifolia |
| PRECIS (KZN) | ASPHODELACEAE | Bulbine frutescens |
| PRECIS | ASPHODELACEAE | Bulbine latifolia var. latifolia |
| Gardens (PRE) | ASPHODELACEAE | Bulbine sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASPHODELACEAE | Gasteria batesiana var. batesiana |
| PRECIS | ASPHODELACEAE | Gasteria pendulifolia |
| PRECIS (KZN) | ASPHODELACEAE | Gasteria sp. |
| PRECIS | ASPHODELACEAE | Haworthia limifolia |
| PRECIS | ASPHODELACEAE | Haworthia limifolia var. gigantea |
| PRECIS | ASPHODELACEAE | Haworthia limifolia var. limifolia |
| PRECIS | ASPHODELACEAE | Kniphofia albescens |
| PRECIS | ASPHODELACEAE | Kniphofia baurii |
| PRECIS | ASPHODELACEAE | Kniphofia buchananii |
| PRECIS | ASPHODELACEAE | Kniphofia fibrosa |
| PRECIS | ASPHODELACEAE | Kniphofia fluviatilis |
| PRECIS | ASPHODELACEAE | Kniphofia galpinii |
| PRECIS (KZN) | ASPHODELACEAE | Kniphofia gracilis |
| PRECIS | ASPHODELACEAE | Kniphofia latifolia |
| PRECIS (KZN) | ASPHODELACEAE | Kniphofia laxiflora |
| PRECIS | ASPHODELACEAE | Kniphofia linearifolia |
| PRECIS | ASPHODELACEAE | Kniphofia littoralis |
| PRECIS | ASPHODELACEAE | Kniphofia multiflora |
| PRECIS | ASPHODELACEAE | Kniphofia porphyrantha |
| PRECIS | ASPHODELACEAE | Kniphofia sp. |
| PRECIS | ASPHODELACEAE | Kniphofia triangularis subsp. obtusiloba |
| PRECIS | ASPHODELACEAE | Kniphofia typhoides |
| PRECIS | ASPHODELACEAE | Kniphofia tysonii |
| PRECIS | ASPHODELACEAE | Kniphofia tysonii subsp. lebomboensis |
| PRECIS | ASPHODELACEAE | Kniphofia tysonii subsp. tysonii |
| PRECIS (KZN) | ASPHODELACEAE | Trachyandra affinis |
| MSB | ASPHODELACEAE | Trachyandra asperata |
| PRECIS | ASPHODELACEAE | Trachyandra asperata var. asperata |
| PRECIS | ASPHODELACEAE | Trachyandra asperata var. basutoensis |
| PRECIS | ASPHODELACEAE | Trachyandra asperata var. carolinensis |
| PRECIS (KZN) | ASPHODELACEAE | Trachyandra asperata var. nataglencoensis |
| PRECIS | ASPHODELACEAE | Trachyandra asperata var. stenophylla |
| PRECIS | ASPHODELACEAE | Trachyandra erythrorrhiza |
| PRECIS | ASPHODELACEAE | Trachyandra gerrardii |
| PRECIS | ASPHODELACEAE | Trachyandra margaretae |
| PRECIS (KZN) | ASPHODELACEAE | Trachyandra reflexipilosa |
| PRECIS (KZN) | ASPHODELACEAE | Trachyandra saltii var. oatesii |
| PRECIS (KZN) | ASPHODELACEAE | Trachyandra saltii var. saltii |
| PRECIS (KZN) | ASPHODELACEAE | Trachyandra saltii var. secunda |
| PRECIS | ASPHODELACEAE | Trachyandra sp. |
| Acocks | ASPLENIACEAE | Asplenium adiantum-nigrum var. adiantum-nigrum |
| PRECIS | ASPLENIACEAE | Asplenium aethiopicum |
| Acocks | ASPLENIACEAE | Asplenium aethiopicum subsp. aethiopicum |
| PRECIS | ASPLENIACEAE | Asplenium aethiopicum subsp. tripinnatum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASPLENIACEAE | Asplenium anisophyllum |
| PRECIS | ASPLENIACEAE | Asplenium blastophorum |
| Acocks | ASPLENIACEAE | Asplenium boltonii |
| PRECIS (KZN) | ASPLENIACEAE | Asplenium cordatum |
| PRECIS | ASPLENIACEAE | Asplenium dregeanum |
| Gardens (KBG) | ASPLENIACEAE | Asplenium dregeanum subsp. dregeanum |
| PRECIS (KZN) | ASPLENIACEAE | Asplenium erectum |
| PRECIS | ASPLENIACEAE | Asplenium erectum var. erectum |
| PRECIS | ASPLENIACEAE | Asplenium gemmiferum |
| PRECIS | ASPLENIACEAE | Asplenium inaequilaterale |
| PRECIS (KZN) | ASPLENIACEAE | Asplenium lobatum |
| PRECIS | ASPLENIACEAE | Asplenium lobatum var. lobatum |
| Acocks | ASPLENIACEAE | Asplenium lunulatum |
| Acocks | ASPLENIACEAE | Asplenium monanthes |
| PRECIS (KZN) | ASPLENIACEAE | Asplenium multiforme |
| PRECIS | ASPLENIACEAE | Asplenium platyneuron |
| Gardens (KBG) | ASPLENIACEAE | Asplenium preussii |
| PRECIS | ASPLENIACEAE | Asplenium prionitis |
| PRECIS (KZN) | ASPLENIACEAE | Asplenium protensum |
| PRECIS | ASPLENIACEAE | Asplenium rutifolium |
| PRECIS (KZN) | ASPLENIACEAE | Asplenium rutifolium var. bipinnatum |
| PRECIS | ASPLENIACEAE | Asplenium sandersonii |
| PRECIS (KZN) | ASPLENIACEAE | Asplenium sp. |
| PRECIS | ASPLENIACEAE | Asplenium splendens subsp. splendens |
| Acocks | ASPLENIACEAE | Asplenium stoloniferum |
| PRECIS | ASPLENIACEAE | Asplenium theciferum |
| PRECIS (KZN) | ASPLENIACEAE | Asplenium theciferum var. concinnum |
| PRECIS | ASPLENIACEAE | Asplenium varians subsp. fimbriatum |
| PRECIS | ASPLENIACEAE | Asplenium x flexuosum |
| PRECIS | ASTERACEAE | Acanthospermum australe |
| PRECIS | ASTERACEAE | Acanthospermum glabratum |
| PRECIS | ASTERACEAE | Adenanthellum osmitoides |
| PRECIS | ASTERACEAE | Adenostemma caffrum var. caffrum |
| PRECIS | ASTERACEAE | Adenostemma viscosum |
| PRECIS | ASTERACEAE | Ageratum conyzoides |
| PRECIS | ASTERACEAE | Ageratum houstonianum |
| PRECIS | ASTERACEAE | Ambrosia artemisiifolia |
| PRECIS | ASTERACEAE | Ambrosia sp. |
| PRECIS | ASTERACEAE | Anisopappus smutsii |
| PRECIS | ASTERACEAE | Arctotheca populifolia |
| PRECIS | ASTERACEAE | Arctotis adpressa |
| PRECIS | ASTERACEAE | Arctotis arctotoides |
| PRECIS (KZN) | ASTERACEAE | Artemisia afra |
| PRECIS | ASTERACEAE | Artemisia afra var. afra |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASTERACEAE | Aspilia mossambicensis |
| PRECIS | ASTERACEAE | Aspilia natalensis |
| PRECIS | ASTERACEAE | Aster bakerianus |
| PRECIS | ASTERACEAE | Aster bakerianus subsp. albiflorus |
| PRECIS | ASTERACEAE | Aster comptonii |
| PRECIS | ASTERACEAE | Aster harveyanus |
| PRECIS | ASTERACEAE | Aster lydenburgensis |
| Acocks | ASTERACEAE | Aster pleiocephalus |
| PRECIS | ASTERACEAE | Aster squamatus |
| PRECIS | ASTERACEAE | Aster zuluensis |
| Gardens (PRE) | ASTERACEAE | Athanasia sp. |
| PRECIS | ASTERACEAE | Athrixia arachnoidea |
| PRECIS | ASTERACEAE | Athrixia fontana |
| PRECIS | ASTERACEAE | Athrixia gerrardii |
| Acocks | ASTERACEAE | Athrixia phylicoides |
| Gardens (PRE) | ASTERACEAE | Athrixia sp. |
| PRECIS | ASTERACEAE | Baccharoides adoensis var. kotschyana |
| PRECIS | ASTERACEAE | Berkheya bergiana |
| PRECIS (KZN) | ASTERACEAE | Berkheya bipinnatifida subsp. bipinnatifida |
| Acocks | ASTERACEAE | Berkheya discolor |
| Acocks | ASTERACEAE | Berkheya echinacea subsp. echinacea |
| PRECIS | ASTERACEAE | Berkheya insignis |
| PRECIS | ASTERACEAE | Berkheya onopordifolia var. glabra |
| PRECIS | ASTERACEAE | Berkheya pinnatifida subsp. ingrata |
| PRECIS | ASTERACEAE | Berkheya radula |
| Acocks | ASTERACEAE | Berkheya rhapontica subsp. aristosa var. aristosa |
| PRECIS | ASTERACEAE | Berkheya rhapontica subsp. rhapontica |
| PRECIS | ASTERACEAE | Berkheya robusta |
| Acocks | ASTERACEAE | Berkheya setifera |
| Gardens (PRE) | ASTERACEAE | Berkheya sp. |
| PRECIS | ASTERACEAE | Berkheya speciosa subsp. lanceolata |
| PRECIS | ASTERACEAE | Berkheya speciosa subsp. speciosa |
| Acocks | ASTERACEAE | Berkheya subulata var. subulata |
| PRECIS | ASTERACEAE | Berkheya umbellata |
| PRECIS | ASTERACEAE | Berkheya zeyheri subsp. rehmannii var. rehmannii |
| PRECIS | ASTERACEAE | Berkheya zeyheri subsp. rehmannii var. rogersiana |
| PRECIS | ASTERACEAE | Berkheya zeyheri subsp. zeyheri |
| PRECIS | ASTERACEAE | Bidens bipinnata |
| PRECIS | ASTERACEAE | Bidens biternata |
| PRECIS | ASTERACEAE | Bidens formosa |
| PRECIS | ASTERACEAE | Bidens pilosa |
| PRECIS | ASTERACEAE | Blumea dregeanoides |
| PRECIS (KZN) | ASTERACEAE | Blumea mollis |
| Acocks | ASTERACEAE | Brachylaena discolor |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASTERACEAE | Brachylaena elliptica |
| Acocks | ASTERACEAE | Brachylaena ilicifolia |
| PRECIS | ASTERACEAE | Brachylaena transvaalensis |
| PRECIS | ASTERACEAE | Brachylaena uniflora |
| PRECIS | ASTERACEAE | Callilepis lancifolia |
| Acocks | ASTERACEAE | Callilepis laureola |
| PRECIS | ASTERACEAE | Callilepis leptophylla |
| PRECIS | ASTERACEAE | Callilepis salicifolia |
| PRECIS | ASTERACEAE | Callilepis sp. |
| PRECIS | ASTERACEAE | Carduus tenuiflorus |
| PRECIS | ASTERACEAE | Centrapalus africanus |
| PRECIS | ASTERACEAE | Chromolaena odorata |
| Acocks | ASTERACEAE | Chrysanthemoides incana |
| Acocks | ASTERACEAE | Chrysanthemoides monilifera subsp. canescens |
| PRECIS | ASTERACEAE | Chrysanthemoides monilifera subsp. rotundata |
| PRECIS | ASTERACEAE | Chrysocoma ciliata |
| PRECIS (KZN) | ASTERACEAE | Chrysocoma mozambicensis |
| PRECIS (KZN) | ASTERACEAE | Chrysocoma oblongifolia |
| PRECIS | ASTERACEAE | Cineraria albicans |
| PRECIS | ASTERACEAE | Cineraria aspera |
| PRECIS | ASTERACEAE | Cineraria atriplicifolia |
| PRECIS | ASTERACEAE | Cineraria britteniae |
| PRECIS | ASTERACEAE | Cineraria burkei |
| PRECIS (KZN) | ASTERACEAE | Cineraria decipiens |
| Acocks | ASTERACEAE | Cineraria deltoidea |
| PRECIS | ASTERACEAE | Cineraria geifolia |
| PRECIS | ASTERACEAE | Cineraria lobata subsp. lobata |
| PRECIS | ASTERACEAE | Cineraria sp. |
| Acocks | ASTERACEAE | Cirsium vulgare |
| PRECIS | ASTERACEAE | Conyza albida |
| PRECIS | ASTERACEAE | Conyza bonariensis |
| PRECIS | ASTERACEAE | Conyza canadensis |
| PRECIS | ASTERACEAE | Conyza chilensis |
| PRECIS | ASTERACEAE | Conyza gouanii |
| PRECIS | ASTERACEAE | Conyza obscura |
| PRECIS | ASTERACEAE | Conyza pinnata |
| PRECIS | ASTERACEAE | Conyza podocephala |
| Acocks | ASTERACEAE | Conyza scabrida |
| PRECIS | ASTERACEAE | Conyza sp. |
| PRECIS | ASTERACEAE | Conyza sumatrensis var. sumatrensis |
| PRECIS | ASTERACEAE | Conyza ulmifolia |
| PRECIS | ASTERACEAE | Cosmos bipinnatus |
| PRECIS | ASTERACEAE | Cotula anthemoides |
| PRECIS | ASTERACEAE | Cotula hispida |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASTERACEAE | Cotula nigellifolia var. nigellifolia |
| PRECIS | ASTERACEAE | Crassocephalum crepidioides |
| PRECIS | ASTERACEAE | Crassocephalum rubens var. rubens |
| PRECIS | ASTERACEAE | Crassocephalum x picridifolium |
| PRECIS | ASTERACEAE | Crepis hypochaeridea |
| Acocks | ASTERACEAE | Delairea odorata |
| PRECIS | ASTERACEAE | Denekia capensis |
| PRECIS | ASTERACEAE | Dichrocephala integrifolia subsp. integrifolia |
| PRECIS (KZN) | ASTERACEAE | Dicoma anomala |
| Acocks | ASTERACEAE | Dicoma anomala subsp. anomala |
| PRECIS | ASTERACEAE | Dicoma anomala subsp. gerrardii |
| Gardens (PRE) | ASTERACEAE | Dicoma sp. |
| PRECIS (KZN) | ASTERACEAE | Dicoma zeyheri subsp. argyrophylla |
| PRECIS (KZN) | ASTERACEAE | Dicoma zeyheri subsp. zeyheri |
| Gardens (PRE) | ASTERACEAE | Dicoma zeyheri var. thyrsiflora |
| PRECIS | ASTERACEAE | Dimorphotheca caulescens |
| PRECIS | ASTERACEAE | Dimorphotheca jucunda |
| Acocks | ASTERACEAE | Dimorphotheca spectabilis |
| PRECIS | ASTERACEAE | Distephanus angulifolius |
| PRECIS | ASTERACEAE | Distephanus anisochaetoides |
| PRECIS | ASTERACEAE | Doellia cafra |
| Gardens (PRE) | ASTERACEAE | Dymondia sp. |
| PRECIS | ASTERACEAE | Eclipta prostrata |
| PRECIS | ASTERACEAE | Emilia sp. |
| PRECIS | ASTERACEAE | Emilia transvaalensis |
| PRECIS | ASTERACEAE | Ethulia conyzoides subsp. conyzoides |
| PRECIS | ASTERACEAE | Ethulia conyzoides subsp. kraussii |
| PRECIS | ASTERACEAE | Euryops gilfillanii |
| Acocks | ASTERACEAE | Euryops laxus |
| Acocks | ASTERACEAE | Euryops transvaalensis subsp. setilobus |
| PRECIS | ASTERACEAE | Euryops transvaalensis subsp. transvaalensis |
| PRECIS | ASTERACEAE | Facelis retusa |
| PRECIS | ASTERACEAE | Felicia erigeroides |
| Acocks | ASTERACEAE | Felicia filifolia subsp. filifolia |
| PRECIS | ASTERACEAE | Felicia hispida |
| Acocks | ASTERACEAE | Felicia minima |
| PRECIS (KZN) | ASTERACEAE | Felicia mossamedensis |
| Acocks | ASTERACEAE | Felicia muricata subsp. cinerascens |
| PRECIS | ASTERACEAE | Felicia muricata subsp. muricata |
| PRECIS | ASTERACEAE | Felicia quinquenervia |
| PRECIS | ASTERACEAE | Felicia rosulata |
| Gardens (PRE) | ASTERACEAE | Felicia sp. |
| PRECIS | ASTERACEAE | Flaveria bidentis |
| PRECIS | ASTERACEAE | Gaillardia pulchella |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASTERACEAE | Galinsoga parviflora |
| PRECIS | ASTERACEAE | Gamochaeta coarctata |
| PRECIS | ASTERACEAE | Gamochaeta pensylvanica |
| PRECIS | ASTERACEAE | Garuleum latifolium |
| PRECIS | ASTERACEAE | Garuleum woodii |
| PRECIS | ASTERACEAE | Gazania krebsiana subsp. arctotoides |
| PRECIS | ASTERACEAE | Gazania krebsiana subsp. krebsiana |
| PRECIS | ASTERACEAE | Gazania krebsiana subsp. serrulata |
| PRECIS | ASTERACEAE | Gazania linearis var. linearis |
| PRECIS | ASTERACEAE | Gazania rigens var. uniflora |
| PRECIS | ASTERACEAE | Gazania sp. |
| PRECIS | ASTERACEAE | Geigeria aspera var. aspera |
| PRECIS | ASTERACEAE | Geigeria aspera var. rivularis |
| PRECIS | ASTERACEAE | Geigeria brachycephala |
| PRECIS | ASTERACEAE | Geigeria burkei subsp. burkei var. intermedia |
| PRECIS | ASTERACEAE | Geigeria burkei subsp. valida |
| PRECIS | ASTERACEAE | Geigeria filifolia |
| PRECIS | ASTERACEAE | Geigeria sp. |
| Acocks | ASTERACEAE | Gerbera ambigua |
| Acocks | ASTERACEAE | Gerbera aurantiaca |
| PRECIS | ASTERACEAE | Gerbera galpinii |
| PRECIS | ASTERACEAE | Gerbera natalensis |
| Acocks | ASTERACEAE | Gerbera piloselloides |
| Gardens (PRE) | ASTERACEAE | Gerbera sp. |
| PRECIS | ASTERACEAE | Gerbera viridifolia |
| PRECIS | ASTERACEAE | Gnaphalium austroafricanum |
| Acocks | ASTERACEAE | Gnaphalium declinatum |
| PRECIS | ASTERACEAE | Gymnanthemum corymbosum |
| PRECIS | ASTERACEAE | Gymnanthemum mespilifolium |
| PRECIS (KZN) | ASTERACEAE | Haplocarpha nervosa |
| Acocks | ASTERACEAE | Haplocarpha scaposa |
| PRECIS | ASTERACEAE | Helichrysum acutatum |
| PRECIS | ASTERACEAE | Helichrysum adenocarpum subsp. adenocarpum |
| PRECIS | ASTERACEAE | Helichrysum allioides |
| PRECIS | ASTERACEAE | Helichrysum ammitophilum |
| PRECIS | ASTERACEAE | Helichrysum appendiculatum |
| PRECIS | ASTERACEAE | Helichrysum argyrolepis |
| Acocks | ASTERACEAE | Helichrysum argyrophyllum |
| Acocks | ASTERACEAE | Helichrysum asperum var. albidulum |
| Acocks | ASTERACEAE | Helichrysum asperum var. asperum |
| PRECIS | ASTERACEAE | Helichrysum asperum var. comosum |
| PRECIS | ASTERACEAE | Helichrysum athrixiifolium |
| PRECIS | ASTERACEAE | Helichrysum aureonitens |
| PRECIS | ASTERACEAE | Helichrysum aureum var. argenteum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASTERACEAE | Helichrysum aureum var. candidum |
| PRECIS | ASTERACEAE | Helichrysum aureum var. monocephalum |
| PRECIS | ASTERACEAE | Helichrysum auriceps |
| Acocks | ASTERACEAE | Helichrysum caespititium |
| PRECIS | ASTERACEAE | Helichrysum callicomum |
| PRECIS | ASTERACEAE | Helichrysum candolleanum |
| Acocks | ASTERACEAE | Helichrysum cephaloideum |
| PRECIS | ASTERACEAE | Helichrysum cerastioides var. cerastioides |
| PRECIS | ASTERACEAE | Helichrysum chionosphaerum |
| PRECIS | ASTERACEAE | Helichrysum chrysargyrum |
| PRECIS | ASTERACEAE | Helichrysum confertifolium |
| PRECIS | ASTERACEAE | Helichrysum cooperi |
| PRECIS | ASTERACEAE | Helichrysum cymosum subsp. calvum |
| PRECIS | ASTERACEAE | Helichrysum cymosum subsp. cymosum |
| PRECIS | ASTERACEAE | Helichrysum dasymallum |
| PRECIS | ASTERACEAE | Helichrysum decorum |
| PRECIS | ASTERACEAE | Helichrysum dregeanum |
| Acocks | ASTERACEAE | Helichrysum ecklonis |
| PRECIS | ASTERACEAE | Helichrysum epapposum |
| PRECIS | ASTERACEAE | Helichrysum foetidum var. foetidum |
| PRECIS | ASTERACEAE | Helichrysum glomeratum |
| Acocks | ASTERACEAE | Helichrysum herbaceum |
| PRECIS | ASTERACEAE | Helichrysum hypoleucum |
| PRECIS | ASTERACEAE | Helichrysum infaustum |
| PRECIS (KZN) | ASTERACEAE | Helichrysum ingomense |
| PRECIS | ASTERACEAE | Helichrysum interjacens |
| PRECIS | ASTERACEAE | Helichrysum kraussii |
| PRECIS | ASTERACEAE | Helichrysum krookii |
| PRECIS | ASTERACEAE | Helichrysum lepidissimum |
| PRECIS | ASTERACEAE | Helichrysum lineare |
| PRECIS | ASTERACEAE | Helichrysum melanacme |
| Acocks | ASTERACEAE | Helichrysum miconiifolium |
| PRECIS | ASTERACEAE | Helichrysum mixtum var. mixtum |
| PRECIS | ASTERACEAE | Helichrysum molestum |
| Acocks | ASTERACEAE | Helichrysum montanum |
| PRECIS | ASTERACEAE | Helichrysum monticola |
| Acocks | ASTERACEAE | Helichrysum mundtii |
| Acocks | ASTERACEAE | Helichrysum nanum |
| PRECIS | ASTERACEAE | Helichrysum natalitium |
| PRECIS (KZN) | ASTERACEAE | Helichrysum nigulosum |
| Acocks | ASTERACEAE | Helichrysum nudifolium var. nudifolium |
| PRECIS | ASTERACEAE | Helichrysum nudifolium var. oxyphyllum |
| PRECIS | ASTERACEAE | Helichrysum nudifolium var. pilosellum |
| PRECIS | ASTERACEAE | Helichrysum obductum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASTERACEAE | Helichrysum opacum |
| PRECIS | ASTERACEAE | Helichrysum oreophilum |
| PRECIS | ASTERACEAE | Helichrysum pallidum |
| PRECIS | ASTERACEAE | Helichrysum panduratum var. panduratum |
| PRECIS (KZN) | ASTERACEAE | Helichrysum pilosellum |
| PRECIS | ASTERACEAE | Helichrysum platypterum |
| PRECIS | ASTERACEAE | Helichrysum polycladum |
| PRECIS | ASTERACEAE | Helichrysum psilolepis |
| PRECIS | ASTERACEAE | Helichrysum ruderale |
| Acocks | ASTERACEAE | Helichrysum rugulosum |
| PRECIS | ASTERACEAE | Helichrysum setosum |
| Acocks | ASTERACEAE | Helichrysum simillimum |
| Gardens (PRE) | ASTERACEAE | Helichrysum sp. |
| PRECIS | ASTERACEAE | Helichrysum spiralepis |
| PRECIS | ASTERACEAE | Helichrysum splendidum |
| PRECIS | ASTERACEAE | Helichrysum spodiophyllum |
| PRECIS | ASTERACEAE | Helichrysum stenopterum |
| PRECIS | ASTERACEAE | Helichrysum subglomeratum |
| PRECIS | ASTERACEAE | Helichrysum subluteum |
| Acocks | ASTERACEAE | Helichrysum sutherlandii |
| PRECIS | ASTERACEAE | Helichrysum tongense |
| Acocks | ASTERACEAE | Helichrysum umbraculigerum |
| PRECIS | ASTERACEAE | Hilliardiella aristata |
| PRECIS | ASTERACEAE | Hilliardiella hirsuta |
| PRECIS | ASTERACEAE | Hilliardiella nudicaulis |
| PRECIS | ASTERACEAE | Hilliardiella oligocephala |
| PRECIS | ASTERACEAE | Hilliardiella pinifolia |
| PRECIS | ASTERACEAE | Hirpicium armerioides |
| PRECIS | ASTERACEAE | Hirpicium linearifolium |
| PRECIS (KZN) | ASTERACEAE | Hypochaeris glabra |
| PRECIS (KZN) | ASTERACEAE | Hypochaeris microcephala var. albiflora |
| PRECIS | ASTERACEAE | Hypochaeris radicata |
| PRECIS | ASTERACEAE | Inezia integrifolia |
| PRECIS | ASTERACEAE | Inulanthera calva |
| PRECIS | ASTERACEAE | Inulanthera dregeana |
| Acocks | ASTERACEAE | Kleinia fulgens |
| PRECIS | ASTERACEAE | Lactuca indica |
| PRECIS | ASTERACEAE | Lactuca inermis |
| PRECIS | ASTERACEAE | Lactuca tysonii |
| PRECIS | ASTERACEAE | Laggera crispata |
| PRECIS (KZN) | ASTERACEAE | Launaea nana |
| PRECIS | ASTERACEAE | Launaea rarifolia var. rarifolia |
| PRECIS | ASTERACEAE | Leucanthemum vulgare |
| PRECIS | ASTERACEAE | Litogyne gariepina |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASTERACEAE | Lopholaena platyphylla |
| PRECIS | ASTERACEAE | Lopholaena segmentata |
| PRECIS | ASTERACEAE | Macledium speciosum |
| Acocks | ASTERACEAE | Macledium zeyheri subsp. argyrophyllum |
| PRECIS | ASTERACEAE | Macledium zeyheri subsp. zeyheri |
| PRECIS | ASTERACEAE | Macowania pinifolia |
| PRECIS | ASTERACEAE | Macowania sororis |
| PRECIS | ASTERACEAE | Macowania tenuifolia |
| PRECIS | ASTERACEAE | Melanthera scandens subsp. dregei |
| PRECIS | ASTERACEAE | Melanthera triternata |
| Acocks | ASTERACEAE | Metalasia densa |
| PRECIS | ASTERACEAE | Microglossa mespilifolia |
| PRECIS | ASTERACEAE | Mikania capensis |
| PRECIS | ASTERACEAE | Mikania natalensis |
| PRECIS | ASTERACEAE | Mikania sp. |
| PRECIS | ASTERACEAE | Nidorella anomala |
| PRECIS | ASTERACEAE | Nidorella auriculata |
| PRECIS | ASTERACEAE | Nidorella hottentotica |
| PRECIS | ASTERACEAE | Nidorella linifolia |
| PRECIS | ASTERACEAE | Nidorella resedifolia subsp. resedifolia |
| PRECIS | ASTERACEAE | Nidorella sp. |
| PRECIS | ASTERACEAE | Nidorella tongensis |
| PRECIS | ASTERACEAE | Nidorella undulata |
| PRECIS | ASTERACEAE | Nolletia ciliaris |
| PRECIS | ASTERACEAE | Nolletia ruderalis |
| PRECIS | ASTERACEAE | Nolletia sp. |
| PRECIS | ASTERACEAE | Oligocarpus calendulaceus |
| Acocks | ASTERACEAE | Osteospermum grandidentatum |
| PRECIS | ASTERACEAE | Osteospermum imbricatum subsp. nervatum var. nervatum |
| PRECIS | ASTERACEAE | Osteospermum muricatum subsp. muricatum |
| PRECIS | ASTERACEAE | Othonna gymnodiscus |
| Acocks | ASTERACEAE | Othonna natalensis |
| Acocks | ASTERACEAE | Phymaspermum acerosum |
| PRECIS | ASTERACEAE | Phymaspermum sp. |
| PRECIS | ASTERACEAE | Phymaspermum woodii |
| PRECIS (KZN) | ASTERACEAE | Platycarpha parvifolia |
| PRECIS | ASTERACEAE | Pluchea bojeri |
| PRECIS | ASTERACEAE | Printzia auriculata |
| Acocks | ASTERACEAE | Printzia pyrifolia |
| PRECIS | ASTERACEAE | Pseudognaphalium luteo-album |
| PRECIS | ASTERACEAE | Pseudognaphalium oligandrum |
| PRECIS | ASTERACEAE | Pseudognaphalium undulatum |
| Gardens (PRE) | ASTERACEAE | Pteronia sp. |
| PRECIS | ASTERACEAE | Pulicaria scabra |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Acocks | ASTERACEAE | Schistostephium crataegifolium |
| PRECIS | ASTERACEAE | Schistostephium griseum |
| PRECIS (KZN) | ASTERACEAE | Schistostephium heptalobum |
| PRECIS | ASTERACEAE | Schistostephium rotundifolium |
| PRECIS | ASTERACEAE | Schkuhria pinnata |
| PRECIS | ASTERACEAE | Senecio achilleifolius |
| PRECIS | ASTERACEAE | Senecio adnatus |
| PRECIS | ASTERACEAE | Senecio affinis |
| PRECIS | ASTERACEAE | Senecio albanensis var. albanensis |
| PRECIS | ASTERACEAE | Senecio albanensis var. doroniciflorus |
| PRECIS | ASTERACEAE | Senecio anomalochrous |
| PRECIS | ASTERACEAE | Senecio barbatus |
| Acocks | ASTERACEAE | Senecio brachypodus |
| PRECIS | ASTERACEAE | Senecio breviscapus |
| PRECIS | ASTERACEAE | Senecio bryoniifolius |
| PRECIS | ASTERACEAE | Senecio bupleuroides |
| Acocks | ASTERACEAE | Senecio burchellii |
| PRECIS | ASTERACEAE | Senecio cathcartensis |
| PRECIS | ASTERACEAE | Senecio caudatus |
| PRECIS (KZN) | ASTERACEAE | Senecio chrysocoma |
| PRECIS | ASTERACEAE | Senecio consanguineus |
| Acocks | ASTERACEAE | Senecio coronatus |
| PRECIS | ASTERACEAE | Senecio decurrens |
| Acocks | ASTERACEAE | Senecio deltoideus |
| PRECIS (KZN) | ASTERACEAE | Senecio digitalifolius |
| PRECIS | ASTERACEAE | Senecio discodregeanus |
| PRECIS | ASTERACEAE | Senecio eminens |
| Acocks | ASTERACEAE | Senecio erubescens var. crepidifolius |
| PRECIS | ASTERACEAE | Senecio erubescens var. erubescens |
| PRECIS (KZN) | ASTERACEAE | Senecio gerrardii |
| PRECIS (KZN) | ASTERACEAE | Senecio glaberrimus |
| PRECIS | ASTERACEAE | Senecio glanduloso-pilosus |
| PRECIS | ASTERACEAE | Senecio gregatus |
| PRECIS (KZN) | ASTERACEAE | Senecio harveianus |
| PRECIS | ASTERACEAE | Senecio helminthioides |
| Acocks | ASTERACEAE | Senecio hieracioides |
| PRECIS | ASTERACEAE | Senecio inaequidens |
| PRECIS | ASTERACEAE | Senecio inornatus |
| PRECIS | ASTERACEAE | Senecio isatideus |
| PRECIS (KZN) | ASTERACEAE | Senecio isatidioides |
| PRECIS | ASTERACEAE | Senecio laevigatus var. integrifolius |
| PRECIS | ASTERACEAE | Senecio latifolius |
| PRECIS | ASTERACEAE | Senecio lydenburgensis |
| PRECIS | ASTERACEAE | Senecio lygodes |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASTERACEAE | Senecio macrocephalus |
| Acocks | ASTERACEAE | Senecio macroglossoides |
| PRECIS | ASTERACEAE | Senecio macroglossus |
| PRECIS | ASTERACEAE | Senecio madagascariensis |
| PRECIS | ASTERACEAE | Senecio mbuluzensis |
| PRECIS | ASTERACEAE | Senecio medley-woodii |
| PRECIS (KZN) | ASTERACEAE | Senecio ngoyanus |
| PRECIS | ASTERACEAE | Senecio othonniflorus |
| PRECIS | ASTERACEAE | Senecio oxyodontus |
| Acocks | ASTERACEAE | Senecio oxyriifolius |
| PRECIS | ASTERACEAE | Senecio oxyriifolius subsp. oxyriifolius |
| Acocks | ASTERACEAE | Senecio panduriformis |
| PRECIS | ASTERACEAE | Senecio paucicalyculatus |
| PRECIS | ASTERACEAE | Senecio pleistocephalus |
| PRECIS | ASTERACEAE | Senecio polyanthemoides |
| PRECIS | ASTERACEAE | Senecio polyodon var. polyodon |
| PRECIS | ASTERACEAE | Senecio polyodon var. subglaber |
| Acocks | ASTERACEAE | Senecio pterophorus |
| PRECIS | ASTERACEAE | Senecio purpureus |
| PRECIS | ASTERACEAE | Senecio quinquelobus |
| PRECIS | ASTERACEAE | Senecio retrorsus |
| PRECIS | ASTERACEAE | Senecio rhomboideus |
| PRECIS (KZN) | ASTERACEAE | Senecio rhyncholaenus |
| PRECIS | ASTERACEAE | Senecio ruwenzoriensis |
| PRECIS | ASTERACEAE | Senecio scitus |
| PRECIS | ASTERACEAE | Senecio scoparius |
| PRECIS | ASTERACEAE | Senecio serratuloides |
| PRECIS | ASTERACEAE | Senecio skirrhodon |
| PRECIS | ASTERACEAE | Senecio sp. |
| PRECIS | ASTERACEAE | Senecio speciosus |
| PRECIS | ASTERACEAE | Senecio striatifolius |
| PRECIS | ASTERACEAE | Senecio subcoriaceus |
| PRECIS | ASTERACEAE | Senecio subrubriflorus |
| PRECIS | ASTERACEAE | Senecio tamoides |
| PRECIS | ASTERACEAE | Senecio tanacetopsis |
| PRECIS | ASTERACEAE | Senecio ulopterus |
| PRECIS | ASTERACEAE | Senecio urophyllus |
| PRECIS | ASTERACEAE | Senecio variabilis |
| PRECIS | ASTERACEAE | Senecio villifructus |
| PRECIS | ASTERACEAE | Senecio viminalis |
| PRECIS (KZN) | ASTERACEAE | Seriphium plumosum |
| PRECIS | ASTERACEAE | Sigesbeckia orientalis |
| PRECIS | ASTERACEAE | Sonchus asper subsp. asper |
| PRECIS | ASTERACEAE | Sonchus dregeanus |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASTERACEAE | Sonchus integrifolius var. integrifolius |
| PRECIS | ASTERACEAE | Sonchus integrifolius var. schlechteri |
| Acocks | ASTERACEAE | Sonchus nanus |
| PRECIS | ASTERACEAE | Sonchus oleraceus |
| PRECIS | ASTERACEAE | Sonchus wilmsii |
| PRECIS | ASTERACEAE | Sphaeranthus peduncularis subsp. peduncularis |
| PRECIS | ASTERACEAE | Spilanthes mauritiana |
| PRECIS | ASTERACEAE | Stoebe vulgaris |
| PRECIS | ASTERACEAE | Tagetes minuta |
| PRECIS | ASTERACEAE | Taraxacum breviscapum |
| PRECIS (KZN) | ASTERACEAE | Taraxacum officinale |
| Acocks | ASTERACEAE | Tarchonanthus camphoratus |
| PRECIS | ASTERACEAE | Tarchonanthus parvicapitulatus |
| PRECIS | ASTERACEAE | Tarchonanthus trilobus var. galpinii |
| PRECIS | ASTERACEAE | Tarchonanthus trilobus var. trilobus |
| PRECIS | ASTERACEAE | Tenrhynea phylicifolia |
| PRECIS | ASTERACEAE | Tolpis capensis |
| PRECIS | ASTERACEAE | Tragopogon porrifolius |
| PRECIS | ASTERACEAE | Trichogyne decumbens |
| PRECIS | ASTERACEAE | Tripteris aghillana var. aghillana |
| PRECIS | ASTERACEAE | Ursinia alpina |
| PRECIS | ASTERACEAE | Ursinia montana subsp. montana |
| PRECIS | ASTERACEAE | Ursinia saxatilis |
| PRECIS (KZN) | ASTERACEAE | Ursinia tenuifolia subsp. ciliaris |
| PRECIS | ASTERACEAE | Ursinia tenuiloba |
| MSB | ASTERACEAE | Vernonia capensis |
| PRECIS | ASTERACEAE | Vernonia centaureoides |
| MSB | ASTERACEAE | Vernonia fastigiata |
| PRECIS | ASTERACEAE | Vernonia flanaganii |
| PRECIS | ASTERACEAE | Vernonia galpinii |
| PRECIS | ASTERACEAE | Vernonia gerrardii |
| Acocks | ASTERACEAE | Vernonia hirsuta |
| PRECIS | ASTERACEAE | Vernonia inhacensis |
| Acocks | ASTERACEAE | Vernonia mespilifolia |
| PRECIS | ASTERACEAE | Vernonia myriantha |
| Acocks | ASTERACEAE | Vernonia natalensis |
| Acocks | ASTERACEAE | Vernonia oligocephala |
| PRECIS | ASTERACEAE | Vernonia petersii |
| PRECIS | ASTERACEAE | Vernonia schlechteri |
| Gardens (PRE) | ASTERACEAE | Vernonia sp. |
| PRECIS | ASTERACEAE | Vernonia steetziana |
| Acocks | ASTERACEAE | Vernonia sutherlandii |
| PRECIS | ASTERACEAE | Vernonia thodei |
| Acocks | ASTERACEAE | Vernonia tigna |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ASTERACEAE | Vernonia wollastonii |
| PRECIS | ASTERACEAE | Xanthium spinosum |
| PRECIS | ASTERACEAE | Xanthium strumarium |
| PRECIS | ASTERACEAE | Zinnia peruviana |
| PRECIS | AVICENNIACEAE | Avicennia marina |
| PRECIS | AYTONIACEAE | Asterella bachmannii |
| PRECIS | AYTONIACEAE | Asterella marginata |
| PRECIS | AYTONIACEAE | Asterella sp. |
| PRECIS | AYTONIACEAE | Asterella wilmsii |
| PRECIS | AYTONIACEAE | Plagiochasma rupestre var. rupestre |
| PRECIS | AZOLLACEAE | Azolla pinnata subsp. africana |
| PRECIS | BACIDIACEAE | Byssopsora stupposa |
| PRECIS | BACIDIACEAE | Phyllopsora breviuscula |
| PRECIS | BACIDIACEAE | Tephromela sp. |
| PRECIS | BALANITACEAE | Balanites pedicellaris subsp. pedicellaris |
| PRECIS (KZN) | BALANOPHORACEAE | Sarcophyte sanguinea subsp. sanguinea |
| Gardens (KBG) | BALSAMINACEAE | Impatiens hochstetteri subsp. hochstetteri |
| PRECIS | BALSAMINACEAE | Impatiens sp. |
| PRECIS | BARTRAMIACEAE | Philonotis africana |
| PRECIS | BARTRAMIACEAE | Philonotis dregeana |
| PRECIS | BARTRAMIACEAE | Philonotis falcata |
| PRECIS | BARTRAMIACEAE | Philonotis hastata |
| PRECIS | BASELLACEAE | Anredera baselloides |
| PRECIS | BASELLACEAE | Anredera cordifolia |
| PRECIS | BASELLACEAE | Basella paniculata |
| PRECIS | BEGONIACEAE | Begonia dregei |
| Acocks | BEGONIACEAE | Begonia homonyma |
| Gardens (KBG) | BEGONIACEAE | Begonia sp. |
| PRECIS | BEGONIACEAE | Begonia sutherlandii subsp. sutherlandii |
| Acocks | BEHNIACEAE | Behnia reticulata |
| PRECIS | BIGNONIACEAE | Tecoma capensis |
| Acocks | BLECHNACEAE | Blechnum attenuatum |
| Acocks | BLECHNACEAE | Blechnum australe subsp. australe |
| PRECIS (KZN) | BLECHNACEAE | Blechnum capense |
| PRECIS (KZN) | BLECHNACEAE | Blechnum punctulatum var. atherstonei |
| PRECIS (KZN) | BLECHNACEAE | Blechnum sp. |
| PRECIS | BLECHNACEAE | Blechnum tabulare |
| PRECIS (KZN) | BLECHNACEAE | Stenochlaena tenuifolia |
| PRECIS | BORAGINACEAE | Cordia caffra |
| PRECIS | BORAGINACEAE | Cynoglossum hispidum |
| PRECIS (KZN) | BORAGINACEAE | Cynoglossum lanceolatum |
| PRECIS | BORAGINACEAE | Cynoglossum sp. |
| PRECIS | BORAGINACEAE | Echium plantagineum |
| PRECIS | BORAGINACEAE | Echium vulgare |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | BORAGINACEAE | Ehretia obtusifolia |
| Acocks | BORAGINACEAE | Ehretia rigida subsp. rigida |
| PRECIS | BORAGINACEAE | Heliotropium ciliatum |
| PRECIS | BORAGINACEAE | Heliotropium nelsonii |
| PRECIS | BORAGINACEAE | Heliotropium strigosum |
| PRECIS | BORAGINACEAE | Heliotropium zeylanicum |
| PRECIS | BORAGINACEAE | Lithospermum cinereum |
| PRECIS | BORAGINACEAE | Lithospermum papillosum |
| PRECIS | BORAGINACEAE | Myosotis afropalustris |
| PRECIS | BORAGINACEAE | Myosotis sylvatica |
| PRECIS | BORAGINACEAE | Phacelia artemisioides |
| PRECIS | BORAGINACEAE | Trichodesma physaloides |
| PRECIS | BRACHYTHECIACEAE | Brachythecium implicatum |
| PRECIS | BRACHYTHECIACEAE | Brachythecium sp. |
| PRECIS | BRACHYTHECIACEAE | Oxyrrhynchium subasperum |
| PRECIS | BRACHYTHECIACEAE | Palamocladium leskeoides |
| PRECIS | BRACHYTHECIACEAE | Palamocladium sericeum |
| PRECIS | BRACHYTHECIACEAE | Rhynchostegium brachypterum |
| PRECIS | BRACHYTHECIACEAE | Rhynchostegium raphidorrhynchum |
| PRECIS | BRASSICACEAE | Brassica juncea |
| PRECIS | BRASSICACEAE | Brassica rapa |
| PRECIS (KZN) | BRASSICACEAE | Cardamine africana |
| PRECIS | BRASSICACEAE | Cardamine flexuosa |
| PRECIS | BRASSICACEAE | Cardamine impatiens |
| PRECIS (KZN) | BRASSICACEAE | Coronopus didymus |
| PRECIS | BRASSICACEAE | Erucastrum austroafricanum |
| PRECIS | BRASSICACEAE | Heliophila carnosa |
| PRECIS (KZN) | BRASSICACEAE | Heliophila elongata |
| PRECIS (KZN) | BRASSICACEAE | Heliophila rigidiuscula |
| PRECIS | BRASSICACEAE | Heliophila suavissima |
| PRECIS | BRASSICACEAE | Heliophila subulata |
| PRECIS | BRASSICACEAE | Lepidium bonariense |
| PRECIS | BRASSICACEAE | Lepidium schinzii |
| PRECIS (KZN) | BRASSICACEAE | Lepidium schlechteri |
| PRECIS | BRASSICACEAE | Lepidium suluense |
| PRECIS | BRASSICACEAE | Lepidium trifurcum |
| PRECIS | BRASSICACEAE | Lepidium virginicum |
| PRECIS (KZN) | BRASSICACEAE | Raphanus raphanistrum |
| PRECIS (KZN) | BRASSICACEAE | Rorippa nudiuscula |
| PRECIS | BRASSICACEAE | Sisymbrium sp. |
| PRECIS (KZN) | BRASSICACEAE | Sisymbrium thellungii |
| PRECIS | BRASSICACEAE | Sisymbrium turczaninowii |
| PRECIS (KZN) | BRASSICACEAE | Turritis glabra |
| PRECIS | BRUCHIACEAE | Cladophascum gymnomitrioides |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | BRUCHIACEAE | Trematodon divaricatus |
| PRECIS | BRUCHIACEAE | Trematodon intermedius |
| PRECIS | BRUCHIACEAE | Trematodon paradoxus |
| PRECIS | BRYACEAE | Anomobryum julaceum |
| PRECIS | BRYACEAE | Brachymenium acuminatum |
| PRECIS | BRYACEAE | Brachymenium pulchrum |
| PRECIS | BRYACEAE | Bryum alpinum |
| PRECIS | BRYACEAE | Bryum andicola |
| PRECIS | BRYACEAE | Bryum apiculatum |
| PRECIS | BRYACEAE | Bryum argenteum |
| PRECIS | BRYACEAE | Bryum aubertii |
| PRECIS | BRYACEAE | Bryum canariense |
| PRECIS | BRYACEAE | Bryum capillare |
| PRECIS | BRYACEAE | Bryum cellulare |
| PRECIS | BRYACEAE | Bryum dichotomum |
| PRECIS | BRYACEAE | Bryum pseudotriquetrum |
| PRECIS | BRYACEAE | Bryum pycnophyllum |
| PRECIS | BRYACEAE | Bryum sp. |
| PRECIS | BRYACEAE | Bryum viridescens |
| PRECIS | BRYACEAE | Rhodobryum commersonii |
| PRECIS | BRYACEAE | Rhodobryum keniae |
| PRECIS | BRYACEAE | Rhodobryum umbraculum |
| PRECIS | BUDDLEJACEAE | Buddleja auriculata |
| Acocks | BUDDLEJACEAE | Buddleja dysophylla |
| PRECIS | BUDDLEJACEAE | Buddleja loricata |
| PRECIS | BUDDLEJACEAE | Buddleja pulchella |
| PRECIS | BUDDLEJACEAE | Buddleja saligna |
| Acocks | BUDDLEJACEAE | Buddleja salviifolia |
| PRECIS | BUDDLEJACEAE | Gomphostigma virgatum |
| PRECIS | BUDDLEJACEAE | Nuxia congesta |
| PRECIS | BUDDLEJACEAE | Nuxia floribunda |
| PRECIS | BUDDLEJACEAE | Nuxia oppositifolia |
| PRECIS | BURSERACEAE | Commiphora africana var. africana |
| PRECIS (KZN) | BURSERACEAE | Commiphora glandulosa |
| Acocks | BURSERACEAE | Commiphora harveyi |
| PRECIS | BURSERACEAE | Commiphora neglecta |
| PRECIS | BURSERACEAE | Commiphora pyracanthoides |
| PRECIS | BURSERACEAE | Commiphora schimperi |
| PRECIS | BURSERACEAE | Commiphora sp. |
| Acocks | BURSERACEAE | Commiphora woodii |
| PRECIS | BURSERACEAE | Commiphora zanzibarica |
| PRECIS | BUXACEAE | Buxus natalensis |
| PRECIS | CACTACEAE | Pereskia aculeata |
| PRECIS | CACTACEAE | Rhipsalis baccifera |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | CACTACEAE | Rhipsalis baccifera subsp. baccifera |
| PRECIS | CALLITRICHACEAE | Callitriche bolusii |
| PRECIS | CALYMPERACEAE | Calymperes rabenhorstii |
| PRECIS | CALYMPERACEAE | Octoblepharum albidum |
| PRECIS | CALYMPERACEAE | Syrrhopodon gaudichaudii |
| PRECIS | CALYPOGEIACEAE | Calypogeia bidentula |
| PRECIS | CALYPOGEIACEAE | Calypogeia fissa |
| Acocks | CAMPANULACEAE | Craterocapsa montana |
| PRECIS (KZN) | CAMPANULACEAE | Craterocapsa tarsodes |
| PRECIS | CAMPANULACEAE | Merciera sp. |
| PRECIS | CAMPANULACEAE | Wahlenbergia abyssinica subsp. abyssinica |
| PRECIS | CAMPANULACEAE | Wahlenbergia androsacea |
| PRECIS | CAMPANULACEAE | Wahlenbergia banksiana |
| PRECIS | CAMPANULACEAE | Wahlenbergia capillacea subsp. capillacea |
| Acocks | CAMPANULACEAE | Wahlenbergia capillata |
| PRECIS | CAMPANULACEAE | Wahlenbergia cuspidata |
| PRECIS | CAMPANULACEAE | Wahlenbergia denticulata var. denticulata |
| PRECIS | CAMPANULACEAE | Wahlenbergia denticulata var. transvaalensis |
| PRECIS | CAMPANULACEAE | Wahlenbergia denudata |
| PRECIS | CAMPANULACEAE | Wahlenbergia epacridea |
| PRECIS | CAMPANULACEAE | Wahlenbergia grandiflora |
| PRECIS | CAMPANULACEAE | Wahlenbergia huttonii |
| PRECIS | CAMPANULACEAE | Wahlenbergia krebsii subsp. krebsii |
| PRECIS | CAMPANULACEAE | Wahlenbergia lycopodioides |
| PRECIS | CAMPANULACEAE | Wahlenbergia madagascariensis |
| PRECIS | CAMPANULACEAE | Wahlenbergia pinnata |
| PRECIS | CAMPANULACEAE | Wahlenbergia sp. |
| PRECIS | CAMPANULACEAE | Wahlenbergia squamifolia |
| PRECIS | CAMPANULACEAE | Wahlenbergia undulata |
| Acocks | CAMPANULACEAE | Wahlenbergia virgata |
| PRECIS (KZN) | CANELLACEAE | Warburgia salutaris |
| PRECIS | CANNABACEAE | Cannabis sativa var. indica |
| PRECIS | CANNACEAE | Canna indica |
| PRECIS | CAPPARACEAE | Bachmannia woodii |
| Acocks | CAPPARACEAE | Boscia albitrunca |
| PRECIS (KZN) | CAPPARACEAE | Boscia filipes |
| PRECIS | CAPPARACEAE | Boscia foetida subsp. filipes |
| Acocks | CAPPARACEAE | Boscia foetida subsp. longipedicellata |
| Acocks | CAPPARACEAE | Cadaba natalensis |
| PRECIS | CAPPARACEAE | Capparis brassii |
| Acocks | CAPPARACEAE | Capparis fascicularis var. fascicularis |
| PRECIS (KZN) | CAPPARACEAE | Capparis fascicularis var. zeyheri |
| Acocks | CAPPARACEAE | Capparis sepiaria var. citrifolia |
| Acocks | CAPPARACEAE | Capparis tomentosa |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | CAPPARACEAE | Cladostemon kirkii |
| PRECIS | CAPPARACEAE | Cleome angustifolia subsp. petersiana |
| PRECIS (KZN) | CAPPARACEAE | Cleome gynandra |
| PRECIS (KZN) | CAPPARACEAE | Cleome hassleriana |
| PRECIS (KZN) | CAPPARACEAE | Cleome monophylla |
| PRECIS | CAPPARACEAE | Maerua angolensis subsp. angolensis |
| Acocks | CAPPARACEAE | Maerua cafra |
| PRECIS | CAPPARACEAE | Maerua edulis |
| PRECIS | CAPPARACEAE | Maerua nervosa |
| PRECIS | CAPPARACEAE | Maerua racemulosa |
| Acocks | CAPPARACEAE | Maerua rosmarinoides |
| PRECIS | CAPPARACEAE | Thilachium africanum |
| PRECIS | CARYOPHYLLACEAE | Cerastium arabidis |
| PRECIS | CARYOPHYLLACEAE | Cerastium capense |
| PRECIS | CARYOPHYLLACEAE | Cerastium indicum |
| PRECIS (KZN) | CARYOPHYLLACEAE | Corrigiola litoralis subsp. litoralis var. litoralis |
| PRECIS | CARYOPHYLLACEAE | Dianthus basuticus subsp. basuticus var. basuticus |
| PRECIS | CARYOPHYLLACEAE | Dianthus basuticus subsp. basuticus var. grandiflorus |
| PRECIS | CARYOPHYLLACEAE | Dianthus caespitosus subsp. pectinatus |
| PRECIS (KZN) | CARYOPHYLLACEAE | Dianthus crenatus |
| MSB | CARYOPHYLLACEAE | Dianthus mooiensis subsp. mooiensis var. dentatus |
| Acocks | CARYOPHYLLACEAE | Dianthus thunbergii forma thunbergii |
| PRECIS | CARYOPHYLLACEAE | Dianthus transvaalensis |
| PRECIS | CARYOPHYLLACEAE | Dianthus zeyheri subsp. natalensis |
| Acocks | CARYOPHYLLACEAE | Drymaria cordata subsp. diandra |
| PRECIS | CARYOPHYLLACEAE | Herniaria erckertii subsp. erckertii |
| PRECIS (KZN) | CARYOPHYLLACEAE | Herniaria erckertii subsp. erckertii var. erckertii |
| PRECIS | CARYOPHYLLACEAE | Krauseola mosambicina |
| PRECIS | CARYOPHYLLACEAE | Paronychia brasiliana var. pubescens |
| PRECIS (KZN) | CARYOPHYLLACEAE | Pollichia campestris |
| PRECIS | CARYOPHYLLACEAE | Polycarpaea corymbosa var. corymbosa |
| PRECIS (KZN) | CARYOPHYLLACEAE | Polycarpon tetraphyllum |
| PRECIS (KZN) | CARYOPHYLLACEAE | Silene bellidioides |
| PRECIS | CARYOPHYLLACEAE | Silene burchellii |
| PRECIS | CARYOPHYLLACEAE | Silene burchellii var. angustifolia |
| PRECIS (KZN) | CARYOPHYLLACEAE | Silene burchellii var. burchellii |
| PRECIS (KZN) | CARYOPHYLLACEAE | Silene burchellii var. latifolia |
| PRECIS | CARYOPHYLLACEAE | Silene undulata |
| PRECIS (KZN) | CARYOPHYLLACEAE | Spergula arvensis |
| PRECIS (KZN) | CARYOPHYLLACEAE | Stellaria media |
| PRECIS | CASUARINACEAE | Casuarina equisetifolia |
| PRECIS | CELASTRACEAE | Allocassine laurifolia |
| PRECIS | CELASTRACEAE | Cassine peragua subsp. peragua |
| PRECIS (KZN) | CELASTRACEAE | Catha edulis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Acocks | CELASTRACEAE | Elaeodendron croceum |
| PRECIS | CELASTRACEAE | Elaeodendron transvaalense |
| PRECIS | CELASTRACEAE | Elaeodendron zeyheri |
| PRECIS (KZN) | CELASTRACEAE | Gymnosporia arenicola |
| PRECIS (KZN) | CELASTRACEAE | Gymnosporia buxifolia |
| PRECIS | CELASTRACEAE | Gymnosporia devenishii |
| PRECIS (KZN) | CELASTRACEAE | Gymnosporia glaucophylla |
| PRECIS (KZN) | CELASTRACEAE | Gymnosporia harveyana |
| Acocks | CELASTRACEAE | Gymnosporia harveyana subsp. harveyana |
| PRECIS | CELASTRACEAE | Gymnosporia heterophylla |
| PRECIS (KZN) | CELASTRACEAE | Gymnosporia maranguensis |
| PRECIS (KZN) | CELASTRACEAE | Gymnosporia markwardii |
| PRECIS (KZN) | CELASTRACEAE | Gymnosporia mossambicensis |
| Acocks | CELASTRACEAE | Gymnosporia nemorosa |
| PRECIS (KZN) | CELASTRACEAE | Gymnosporia rubra |
| Acocks | CELASTRACEAE | Gymnosporia senegalensis |
| PRECIS | CELASTRACEAE | Gymnosporia sp. |
| PRECIS | CELASTRACEAE | Gymnosporia tenuispina |
| PRECIS | CELASTRACEAE | Lauridia tetragona |
| PRECIS | CELASTRACEAE | Maytenus acuminata var. acuminata |
| PRECIS (KZN) | CELASTRACEAE | Maytenus cordata |
| PRECIS | CELASTRACEAE | Maytenus cymosa |
| PRECIS (KZN) | CELASTRACEAE | Maytenus heterophylla subsp. arenaria |
| Acocks | CELASTRACEAE | Maytenus heterophylla subsp. heterophylla |
| Acocks | CELASTRACEAE | Maytenus peduncularis |
| Gardens (KBG) | CELASTRACEAE | Maytenus procumbens |
| PRECIS (KZN) | CELASTRACEAE | Maytenus tenuispina |
| Acocks | CELASTRACEAE | Maytenus undata |
| Acocks | CELASTRACEAE | Mystroxylon aethiopicum subsp. aethiopicum |
| PRECIS | CELASTRACEAE | Pleurostylia capensis |
| PRECIS | CELASTRACEAE | Pterocelastrus echinatus |
| PRECIS | CELASTRACEAE | Pterocelastrus rostratus |
| Acocks | CELASTRACEAE | Putterlickia verrucosa |
| PRECIS | CELASTRACEAE | Robsonodendron eucleiforme |
| PRECIS | CELASTRACEAE | Salacia gerrardii |
| PRECIS | CELASTRACEAE | Salacia kraussii |
| PRECIS (KZN) | CELTIDACEAE | Celtis africana |
| PRECIS | CELTIDACEAE | Celtis gomphophylla |
| PRECIS | CELTIDACEAE | Celtis mildbraedii |
| PRECIS | CELTIDACEAE | Celtis sp. |
| Acocks | CELTIDACEAE | Chaetacme aristata |
| PRECIS (KZN) | CELTIDACEAE | Chaetacme aristata var. kamerunensis |
| Acocks | CELTIDACEAE | Trema orientalis |
| PRECIS | CEPHALOZIACEAE | Alobiella sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | CEPHALOZIELLACEAE | Cephaloziella kiaerii |
| PRECIS | CEPHALOZIELLACEAE | Cylindrocolea atroviridis |
| PRECIS | CERATOPHYLLACEAE | Ceratophyllum demersum var. demersum |
| PRECIS (KZN) | CERATOPHYLLACEAE | Ceratophyllum demersum var. demersum forma demersum |
| PRECIS | CHENOPODIACEAE | Atriplex patula subsp. austro-africana |
| PRECIS (KZN) | CHENOPODIACEAE | Chenopodium album |
| PRECIS (KZN) | CHENOPODIACEAE | Chenopodium ambrosioides |
| PRECIS | CHENOPODIACEAE | Chenopodium foliosum |
| PRECIS | CHENOPODIACEAE | Chenopodium multifidum |
| PRECIS (KZN) | CHENOPODIACEAE | Chenopodium murale var. acutidentatum |
| PRECIS (KZN) | CHENOPODIACEAE | Chenopodium opulifolium var. opulifolium |
| PRECIS (KZN) | CHENOPODIACEAE | Chenopodium pumilio |
| PRECIS | CHENOPODIACEAE | Chenopodium schraderianum |
| PRECIS | CHENOPODIACEAE | Chenopodium sp. |
| PRECIS | CHENOPODIACEAE | Halosarcia indica |
| PRECIS | CHENOPODIACEAE | Salsola araneosa |
| PRECIS (KZN) | CHENOPODIACEAE | Sarcocornia natalensis var. affinis |
| PRECIS | CHENOPODIACEAE | Sarcocornia natalensis var. natalensis |
| PRECIS | CHENOPODIACEAE | Sarcocornia perennis var. perennis |
| PRECIS | CHRYSOBALANACEAE | Parinari capensis subsp. capensis |
| PRECIS | CHRYSOBALANACEAE | Parinari capensis subsp. incohata |
| PRECIS | CLADONIACEAE | Cladonia subulata |
| PRECIS | CLUSIACEAE | Garcinia gerrardii |
| PRECIS | CLUSIACEAE | Garcinia livingstonei |
| PRECIS (KZN) | COLCHICACEAE | Androcymbium longipes |
| PRECIS (KZN) | COLCHICACEAE | Androcymbium melanthioides subsp. melanthioides |
| PRECIS (KZN) | COLCHICACEAE | Androcymbium melanthioides var. subulatum |
| PRECIS | COLCHICACEAE | Colchicum decipiens |
| PRECIS | COLCHICACEAE | Colchicum longipes |
| PRECIS | COLCHICACEAE | Colchicum striatum |
| PRECIS | COLCHICACEAE | Gloriosa modesta |
| PRECIS (KZN) | COLCHICACEAE | Gloriosa superba |
| PRECIS (KZN) | COLCHICACEAE | Littonia modesta |
| PRECIS | COLCHICACEAE | Sandersonia aurantiaca |
| PRECIS (KZN) | COLCHICACEAE | Wurmbea kraussii |
| PRECIS | COLLEMATACEAE | Leptogium cyanescens var. cyanescens |
| Acocks | COMBRETACEAE | Combretum apiculatum subsp. apiculatum |
| PRECIS | COMBRETACEAE | Combretum bracteosum |
| PRECIS (KZN) | COMBRETACEAE | Combretum edwardsii |
| Acocks | COMBRETACEAE | Combretum erythrophyllum |
| PRECIS | COMBRETACEAE | Combretum hereroense |
| Acocks | COMBRETACEAE | Combretum kraussii |
| PRECIS | COMBRETACEAE | Combretum microphyllum |
| PRECIS | COMBRETACEAE | Combretum moggii |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Acocks | COMBRETACEAE | Combretum molle |
| PRECIS | COMBRETACEAE | Combretum sp. |
| PRECIS | COMBRETACEAE | Combretum woodii |
| PRECIS | COMBRETACEAE | Combretum zeyheri |
| PRECIS | COMBRETACEAE | Pteleopsis myrtifolia |
| PRECIS | COMBRETACEAE | Quisqualis parviflora |
| PRECIS | COMBRETACEAE | Terminalia catappa |
| PRECIS | COMBRETACEAE | Terminalia phanerophlebia |
| PRECIS | COMMELINACEAE | Aneilema aequinoctiale |
| PRECIS | COMMELINACEAE | Aneilema dregeanum |
| PRECIS | COMMELINACEAE | Aneilema hockii |
| PRECIS | COMMELINACEAE | Coleotrype natalensis |
| PRECIS (KZN) | COMMELINACEAE | Commelina africana var. africana |
| PRECIS (KZN) | COMMELINACEAE | Commelina africana var. krebsiana |
| PRECIS (KZN) | COMMELINACEAE | Commelina africana var. lancispatha |
| Acocks | COMMELINACEAE | Commelina benghalensis |
| PRECIS (KZN) | COMMELINACEAE | Commelina diffusa subsp. diffusa |
| PRECIS | COMMELINACEAE | Commelina diffusa subsp. scandens |
| PRECIS (KZN) | COMMELINACEAE | Commelina eckloniana |
| PRECIS (KZN) | COMMELINACEAE | Commelina erecta |
| PRECIS | COMMELINACEAE | Commelina livingstonii |
| PRECIS (KZN) | COMMELINACEAE | Commelina modesta |
| PRECIS | COMMELINACEAE | Commelina subulata |
| PRECIS | COMMELINACEAE | Cyanotis lapidosa |
| PRECIS (KZN) | COMMELINACEAE | Cyanotis speciosa |
| PRECIS | COMMELINACEAE | Floscopa glomerata |
| PRECIS (KZN) | COMMELINACEAE | Murdannia simplex |
| Gardens (PRE) | COMMELINACEAE | Tradescantia sp. |
| Acocks | CONNARACEAE | Cnestis polyphylla |
| PRECIS | CONVOLVULACEAE | Astripomoea malvacea var. malvacea |
| PRECIS | CONVOLVULACEAE | Convolvulus farinosus |
| PRECIS | CONVOLVULACEAE | Convolvulus natalensis |
| PRECIS | CONVOLVULACEAE | Convolvulus sagittatus |
| PRECIS | CONVOLVULACEAE | Cuscuta campestris |
| PRECIS | CONVOLVULACEAE | Cuscuta cassytoides |
| PRECIS | CONVOLVULACEAE | Cuscuta gerrardii |
| PRECIS | CONVOLVULACEAE | Evolvulus alsinoides |
| PRECIS | CONVOLVULACEAE | Falkia oblonga |
| Acocks | CONVOLVULACEAE | Hewittia malabarica |
| PRECIS | CONVOLVULACEAE | Ipomoea alba |
| PRECIS | CONVOLVULACEAE | Ipomoea albivenia |
| PRECIS | CONVOLVULACEAE | Ipomoea bolusiana |
| PRECIS | CONVOLVULACEAE | Ipomoea cairica var. cairica |
| PRECIS | CONVOLVULACEAE | Ipomoea coccinea |

| Collection Code | Family | Scientific Name |
|---|---|---|
| MSB | CONVOLVULACEAE | Ipomoea crassipes |
| PRECIS | CONVOLVULACEAE | Ipomoea crassipes var. crassipes |
| PRECIS | CONVOLVULACEAE | Ipomoea ficifolia |
| PRECIS | CONVOLVULACEAE | Ipomoea oblongata |
| PRECIS | CONVOLVULACEAE | Ipomoea obscura var. obscura |
| PRECIS | CONVOLVULACEAE | Ipomoea oenotheroides |
| Acocks | CONVOLVULACEAE | Ipomoea ommanneyi |
| PRECIS | CONVOLVULACEAE | Ipomoea pellita |
| PRECIS | CONVOLVULACEAE | Ipomoea pes-caprae subsp. brasiliensis |
| PRECIS | CONVOLVULACEAE | Ipomoea plebeia subsp. africana |
| PRECIS | CONVOLVULACEAE | Ipomoea purpurea |
| PRECIS | CONVOLVULACEAE | Ipomoea shupangensis |
| PRECIS | CONVOLVULACEAE | Ipomoea simplex |
| PRECIS | CONVOLVULACEAE | Ipomoea sinensis subsp. blepharosepala |
| PRECIS | CONVOLVULACEAE | Ipomoea wightii var. wightii |
| PRECIS | CONVOLVULACEAE | Seddera capensis |
| PRECIS | CONVOLVULACEAE | Stictocardia laxiflora |
| PRECIS | CONVOLVULACEAE | Xenostegia tridentata subsp. angustifolia |
| PRECIS | CORNACEAE | Curtisia dentata |
| PRECIS (KZN) | CRASSULACEAE | Bryophyllum delagoense |
| Acocks | CRASSULACEAE | Cotyledon orbiculata var. dactylopsis |
| PRECIS (KZN) | CRASSULACEAE | Cotyledon orbiculata var. oblonga |
| Gardens (PRE) | CRASSULACEAE | Crassula acinaciformis |
| PRECIS (KZN) | CRASSULACEAE | Crassula alba var. alba |
| PRECIS | CRASSULACEAE | Crassula arborescens subsp. arborescens |
| PRECIS (KZN) | CRASSULACEAE | Crassula capitella subsp. meyeri |
| PRECIS (KZN) | CRASSULACEAE | Crassula compacta |
| PRECIS | CRASSULACEAE | Crassula cotyledonis |
| PRECIS | CRASSULACEAE | Crassula ericoides subsp. ericoides |
| PRECIS | CRASSULACEAE | Crassula expansa subsp. expansa |
| PRECIS | CRASSULACEAE | Crassula expansa subsp. fragilis |
| PRECIS | CRASSULACEAE | Crassula inandensis |
| PRECIS | CRASSULACEAE | Crassula inanis |
| PRECIS | CRASSULACEAE | Crassula lanceolata subsp. lanceolata |
| PRECIS | CRASSULACEAE | Crassula lanceolata subsp. transvaalensis |
| PRECIS (KZN) | CRASSULACEAE | Crassula multicava subsp. floribunda |
| PRECIS | CRASSULACEAE | Crassula natalensis |
| Acocks | CRASSULACEAE | Crassula orbicularis |
| PRECIS | CRASSULACEAE | Crassula ovata |
| PRECIS | CRASSULACEAE | Crassula pellucida subsp. alsinoides |
| PRECIS | CRASSULACEAE | Crassula pellucida subsp. brachypetala |
| PRECIS | CRASSULACEAE | Crassula peploides |
| Gardens (KBG) | CRASSULACEAE | Crassula perfoliata var. heterotricha |
| PRECIS | CRASSULACEAE | Crassula sarcocaulis subsp. rupicola |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | CRASSULACEAE | Crassula sarcocaulis subsp. sarcocaulis |
| PRECIS (KZN) | CRASSULACEAE | Crassula sarmentosa var. sarmentosa |
| PRECIS | CRASSULACEAE | Crassula setulosa var. jenkinsii |
| PRECIS | CRASSULACEAE | Crassula setulosa var. longiciliata |
| PRECIS | CRASSULACEAE | Crassula setulosa var. rubra |
| PRECIS (KZN) | CRASSULACEAE | Crassula setulosa var. setulosa |
| PRECIS | CRASSULACEAE | Crassula setulosa var. setulosa forma setulosa |
| PRECIS | CRASSULACEAE | Crassula sp. |
| Acocks | CRASSULACEAE | Crassula swaziensis |
| PRECIS | CRASSULACEAE | Crassula swaziensis subsp. swaziensis var. swaziensis forma swaziensis |
| Acocks | CRASSULACEAE | Crassula tenuicaulis |
| PRECIS | CRASSULACEAE | Crassula tuberella |
| PRECIS | CRASSULACEAE | Crassula umbraticola |
| PRECIS (KZN) | CRASSULACEAE | Crassula vaginata Eckl. & Zeyh. x C. alba Forssk. var. parvisepala Sch”nland |
| Acocks | CRASSULACEAE | Crassula vaginata subsp. minuta |
| PRECIS (KZN) | CRASSULACEAE | Crassula vaginata subsp. vaginata |
| PRECIS | CRASSULACEAE | Kalanchoe brachyloba |
| Acocks | CRASSULACEAE | Kalanchoe crenata subsp. crenata var. crenata |
| PRECIS | CRASSULACEAE | Kalanchoe longiflora |
| PRECIS | CRASSULACEAE | Kalanchoe luciae subsp. luciae |
| PRECIS | CRASSULACEAE | Kalanchoe neglecta |
| PRECIS | CRASSULACEAE | Kalanchoe paniculata |
| Acocks | CRASSULACEAE | Kalanchoe rotundifolia |
| PRECIS | CRASSULACEAE | Kalanchoe thyrsiflora |
| PRECIS | CUCURBITACEAE | Citrullus lanatus |
| PRECIS | CUCURBITACEAE | Coccinia adoensis |
| PRECIS | CUCURBITACEAE | Coccinia palmata |
| PRECIS (KZN) | CUCURBITACEAE | Coccinia rehmannii |
| PRECIS | CUCURBITACEAE | Coccinia variifolia |
| PRECIS | CUCURBITACEAE | Cucumis africanus |
| PRECIS | CUCURBITACEAE | Cucumis anguria var. longaculeatus |
| PRECIS | CUCURBITACEAE | Cucumis hirsutus |
| PRECIS | CUCURBITACEAE | Cucumis metuliferus |
| PRECIS | CUCURBITACEAE | Cucumis myriocarpus subsp. leptodermis |
| PRECIS | CUCURBITACEAE | Cucumis myriocarpus subsp. myriocarpus |
| PRECIS | CUCURBITACEAE | Cucumis sp. |
| PRECIS | CUCURBITACEAE | Cucumis zeyheri |
| PRECIS | CUCURBITACEAE | Gerrardanthus macrorhizus |
| PRECIS | CUCURBITACEAE | Kedrostis capensis |
| PRECIS | CUCURBITACEAE | Kedrostis foetidissima |
| PRECIS | CUCURBITACEAE | Kedrostis nana var. zeyheri |
| PRECIS | CUCURBITACEAE | Kedrostis sp. |
| PRECIS | CUCURBITACEAE | Momordica balsamina |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | CUCURBITACEAE | Momordica boivinii |
| PRECIS | CUCURBITACEAE | Momordica charantia |
| PRECIS | CUCURBITACEAE | Momordica foetida |
| PRECIS | CUCURBITACEAE | Mukia maderaspatana |
| PRECIS | CUCURBITACEAE | Peponium mackenii |
| Acocks | CUCURBITACEAE | Trochomeria debilis |
| Acocks | CUCURBITACEAE | Trochomeria hookeri |
| PRECIS | CUCURBITACEAE | Zehneria scabra subsp. scabra |
| Acocks | CUNONIACEAE | Cunonia capensis |
| PRECIS | CUPRESSACEAE | Widdringtonia nodiflora |
| PRECIS | CYATHEACEAE | Alsophila dregei |
| PRECIS (KZN) | CYATHEACEAE | Cyathea capensis var. capensis |
| PRECIS | CYATHEACEAE | Cyathea dregei |
| PRECIS | CYPERACEAE | Abildgaardia hygrophila |
| PRECIS (KZN) | CYPERACEAE | Abildgaardia ovata |
| PRECIS | CYPERACEAE | Abildgaardia triflora |
| PRECIS (KZN) | CYPERACEAE | Ascolepis capensis |
| PRECIS | CYPERACEAE | Bulbostylis boeckeleriana |
| Acocks | CYPERACEAE | Bulbostylis burchellii |
| PRECIS | CYPERACEAE | Bulbostylis contexta |
| PRECIS | CYPERACEAE | Bulbostylis densa subsp. afromontana |
| PRECIS (KZN) | CYPERACEAE | Bulbostylis densa subsp. densa |
| PRECIS (KZN) | CYPERACEAE | Bulbostylis hispidula |
| PRECIS | CYPERACEAE | Bulbostylis hispidula subsp. pyriformis |
| PRECIS | CYPERACEAE | Bulbostylis humilis |
| PRECIS | CYPERACEAE | Bulbostylis oritrephes |
| PRECIS | CYPERACEAE | Bulbostylis schoenoides |
| PRECIS | CYPERACEAE | Bulbostylis scleropus |
| PRECIS | CYPERACEAE | Carex acutiformis |
| Acocks | CYPERACEAE | Carex austro-africana |
| PRECIS | CYPERACEAE | Carex cognata |
| PRECIS | CYPERACEAE | Carex glomerabilis |
| PRECIS | CYPERACEAE | Carex merxmuelleri |
| PRECIS | CYPERACEAE | Carex mossii |
| Acocks | CYPERACEAE | Carex spicato-paniculata |
| MSB | CYPERACEAE | Carex spicato-paniculata C.B.Clarke x C. zuluensis C.B.Clarke |
| PRECIS | CYPERACEAE | Carex zuluensis |
| PRECIS | CYPERACEAE | Carpha filifolia |
| PRECIS | CYPERACEAE | Cladium mariscus subsp. jamaicense |
| PRECIS | CYPERACEAE | Coleochloa setifera |
| PRECIS | CYPERACEAE | Costularia natalensis |
| Acocks | CYPERACEAE | Cyperus albostriatus |
| PRECIS | CYPERACEAE | Cyperus articulatus |
| PRECIS | CYPERACEAE | Cyperus capensis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | CYPERACEAE | Cyperus compressus |
| Acocks | CYPERACEAE | Cyperus congestus |
| PRECIS (KZN) | CYPERACEAE | Cyperus crassipes |
| PRECIS | CYPERACEAE | Cyperus cyperoides subsp. cyperoides |
| PRECIS | CYPERACEAE | Cyperus cyperoides subsp. pseudoflavus |
| PRECIS | CYPERACEAE | Cyperus deciduus |
| PRECIS | CYPERACEAE | Cyperus denudatus var. denudatus |
| PRECIS | CYPERACEAE | Cyperus difformis |
| PRECIS (KZN) | CYPERACEAE | Cyperus distans |
| PRECIS (KZN) | CYPERACEAE | Cyperus dives |
| PRECIS | CYPERACEAE | Cyperus dubius forma dubius |
| PRECIS (KZN) | CYPERACEAE | Cyperus esculentus var. esculentus |
| PRECIS (KZN) | CYPERACEAE | Cyperus fastigiatus |
| PRECIS | CYPERACEAE | Cyperus haematocephalus |
| PRECIS | CYPERACEAE | Cyperus indecorus var. decurvatus |
| PRECIS | CYPERACEAE | Cyperus indecorus var. indecorus |
| PRECIS | CYPERACEAE | Cyperus indecorus var. inflatus |
| PRECIS (KZN) | CYPERACEAE | Cyperus involucratus |
| PRECIS | CYPERACEAE | Cyperus keniensis |
| PRECIS | CYPERACEAE | Cyperus laevigatus |
| PRECIS (KZN) | CYPERACEAE | Cyperus latifolius |
| PRECIS | CYPERACEAE | Cyperus leptocladus |
| PRECIS (KZN) | CYPERACEAE | Cyperus longus var. tenuiflorus |
| PRECIS | CYPERACEAE | Cyperus macrocarpus |
| PRECIS | CYPERACEAE | Cyperus margaritaceus var. margaritaceus |
| PRECIS | CYPERACEAE | Cyperus marginatus |
| PRECIS | CYPERACEAE | Cyperus natalensis |
| PRECIS (KZN) | CYPERACEAE | Cyperus obtusiflorus var. flavissimus |
| PRECIS | CYPERACEAE | Cyperus obtusiflorus var. obtusiflorus |
| PRECIS | CYPERACEAE | Cyperus owanii |
| PRECIS | CYPERACEAE | Cyperus papyrus |
| PRECIS (KZN) | CYPERACEAE | Cyperus pectinatus |
| PRECIS | CYPERACEAE | Cyperus prolifer |
| PRECIS | CYPERACEAE | Cyperus pseudoleptocladus |
| PRECIS | CYPERACEAE | Cyperus pseudovestitus |
| PRECIS | CYPERACEAE | Cyperus pulcher |
| PRECIS | CYPERACEAE | Cyperus rigidifolius |
| PRECIS | CYPERACEAE | Cyperus rotundus subsp. rotundus |
| PRECIS (KZN) | CYPERACEAE | Cyperus rotundus subsp. tuberosus |
| PRECIS | CYPERACEAE | Cyperus rubicundus |
| PRECIS (KZN) | CYPERACEAE | Cyperus rupestris var. amnicola |
| PRECIS | CYPERACEAE | Cyperus rupestris var. rupestris |
| PRECIS | CYPERACEAE | Cyperus schlechteri |
| PRECIS | CYPERACEAE | Cyperus semitrifidus |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | CYPERACEAE | Cyperus semitrifidus var. multiglumis |
| PRECIS | CYPERACEAE | Cyperus sexangularis |
| PRECIS | CYPERACEAE | Cyperus solidus |
| PRECIS | CYPERACEAE | Cyperus sp. |
| PRECIS (KZN) | CYPERACEAE | Cyperus sphaerospermus |
| PRECIS | CYPERACEAE | Cyperus squarrosus |
| PRECIS (KZN) | CYPERACEAE | Cyperus tenax |
| PRECIS | CYPERACEAE | Cyperus vestitus |
| PRECIS | CYPERACEAE | Cyperus vorsteri |
| PRECIS | CYPERACEAE | Eleocharis caduca |
| PRECIS | CYPERACEAE | Eleocharis dregeana |
| PRECIS | CYPERACEAE | Eleocharis limosa |
| PRECIS (KZN) | CYPERACEAE | Eleocharis palustris |
| PRECIS | CYPERACEAE | Eleocharis sp. |
| PRECIS | CYPERACEAE | Ficinia gracilis |
| PRECIS | CYPERACEAE | Ficinia laciniata |
| PRECIS | CYPERACEAE | Ficinia stolonifera |
| PRECIS | CYPERACEAE | Fimbristylis complanata |
| PRECIS | CYPERACEAE | Fimbristylis dichotoma |
| PRECIS | CYPERACEAE | Fimbristylis ferruginea |
| PRECIS | CYPERACEAE | Fimbristylis obtusifolia |
| PRECIS | CYPERACEAE | Fuirena coerulescens |
| PRECIS | CYPERACEAE | Fuirena hirsuta |
| PRECIS | CYPERACEAE | Fuirena leptostachya forma nudiflora |
| PRECIS (KZN) | CYPERACEAE | Fuirena pubescens var. abbreviata |
| PRECIS | CYPERACEAE | Fuirena pubescens var. pubescens |
| PRECIS (KZN) | CYPERACEAE | Fuirena stricta var. stricta |
| PRECIS | CYPERACEAE | Fuirena umbellata |
| PRECIS | CYPERACEAE | Isolepis cernua var. cernua |
| PRECIS | CYPERACEAE | Isolepis costata |
| Bolus Herbarium | CYPERACEAE | Isolepis costata var. costata |
| PRECIS (KZN) | CYPERACEAE | Isolepis costata var. macra |
| PRECIS (KZN) | CYPERACEAE | Isolepis fluitans var. fluitans |
| Acocks | CYPERACEAE | Isolepis incomtula |
| PRECIS | CYPERACEAE | Isolepis inyangensis |
| PRECIS | CYPERACEAE | Isolepis natans |
| PRECIS | CYPERACEAE | Isolepis prolifera |
| PRECIS | CYPERACEAE | Isolepis sepulcralis |
| PRECIS | CYPERACEAE | Kyllinga alata |
| PRECIS (KZN) | CYPERACEAE | Kyllinga brevifolia |
| PRECIS | CYPERACEAE | Kyllinga elatior |
| PRECIS (KZN) | CYPERACEAE | Kyllinga erecta var. erecta |
| PRECIS | CYPERACEAE | Kyllinga melanosperma |
| PRECIS | CYPERACEAE | Kyllinga odorata |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | CYPERACEAE | Kyllinga pauciflora |
| PRECIS | CYPERACEAE | Kyllinga pulchella |
| PRECIS (KZN) | CYPERACEAE | Lipocarpha chinensis |
| PRECIS (KZN) | CYPERACEAE | Mariscus albomarginatus |
| PRECIS (KZN) | CYPERACEAE | Mariscus capensis |
| PRECIS (KZN) | CYPERACEAE | Mariscus congestus |
| PRECIS | CYPERACEAE | Mariscus dregeanus |
| PRECIS (KZN) | CYPERACEAE | Mariscus dubius |
| PRECIS (KZN) | CYPERACEAE | Mariscus grantii |
| PRECIS (KZN) | CYPERACEAE | Mariscus indecorus var. indecorus |
| PRECIS (KZN) | CYPERACEAE | Mariscus macrocarpus |
| PRECIS (KZN) | CYPERACEAE | Mariscus pseudovestitus |
| PRECIS (KZN) | CYPERACEAE | Mariscus solidus |
| PRECIS (KZN) | CYPERACEAE | Mariscus sp. |
| PRECIS (KZN) | CYPERACEAE | Mariscus sumatrensis |
| PRECIS (KZN) | CYPERACEAE | Mariscus uitenhagensis |
| PRECIS | CYPERACEAE | Oxycaryum cubense |
| PRECIS | CYPERACEAE | Pycreus cooperi |
| PRECIS (KZN) | CYPERACEAE | Pycreus flavescens |
| PRECIS (KZN) | CYPERACEAE | Pycreus intactus |
| PRECIS (KZN) | CYPERACEAE | Pycreus macranthus |
| Acocks | CYPERACEAE | Pycreus mundii |
| PRECIS | CYPERACEAE | Pycreus nigricans |
| PRECIS | CYPERACEAE | Pycreus nitidus |
| PRECIS | CYPERACEAE | Pycreus oakfortensis |
| PRECIS (KZN) | CYPERACEAE | Pycreus pelophilus |
| PRECIS | CYPERACEAE | Pycreus polystachyos var. polystachyos |
| PRECIS (KZN) | CYPERACEAE | Pycreus pumilus |
| PRECIS (KZN) | CYPERACEAE | Pycreus rehmannianus |
| PRECIS | CYPERACEAE | Pycreus sp. |
| PRECIS (KZN) | CYPERACEAE | Pycreus unioloides |
| PRECIS (KZN) | CYPERACEAE | Rhynchospora barrosiana |
| PRECIS | CYPERACEAE | Rhynchospora brownii |
| PRECIS (KZN) | CYPERACEAE | Rhynchospora corymbosa var. corymbosa |
| PRECIS | CYPERACEAE | Rhynchospora holoschoenoides |
| PRECIS (KZN) | CYPERACEAE | Rhynchospora perrieri |
| PRECIS | CYPERACEAE | Rhynchospora rubra subsp. africana |
| PRECIS | CYPERACEAE | Rhynchospora spectabilis |
| PRECIS | CYPERACEAE | Schoenoplectus articulatus var. b |
| PRECIS | CYPERACEAE | Schoenoplectus brachyceras |
| PRECIS | CYPERACEAE | Schoenoplectus confusus subsp. natalitius |
| PRECIS | CYPERACEAE | Schoenoplectus corymbosus |
| PRECIS | CYPERACEAE | Schoenoplectus decipiens |
| PRECIS | CYPERACEAE | Schoenoplectus erectus |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | CYPERACEAE | Schoenoplectus muriculatus |
| PRECIS | CYPERACEAE | Schoenoplectus paludicola |
| PRECIS | CYPERACEAE | Schoenoplectus pulchellus |
| PRECIS | CYPERACEAE | Schoenoplectus senegalensis |
| PRECIS | CYPERACEAE | Schoenoplectus sp. |
| PRECIS | CYPERACEAE | Schoenoxiphium lehmannii |
| PRECIS | CYPERACEAE | Schoenoxiphium rufum var. rufum |
| PRECIS | CYPERACEAE | Schoenoxiphium sp. |
| PRECIS (KZN) | CYPERACEAE | Schoenoxiphium sparteum |
| PRECIS | CYPERACEAE | Scirpoides burkei |
| PRECIS | CYPERACEAE | Scirpus falsus |
| PRECIS | CYPERACEAE | Scleria achtenii |
| PRECIS | CYPERACEAE | Scleria angusta |
| PRECIS | CYPERACEAE | Scleria bulbifera |
| PRECIS | CYPERACEAE | Scleria dieterlenii |
| PRECIS | CYPERACEAE | Scleria distans |
| PRECIS | CYPERACEAE | Scleria dregeana |
| PRECIS (KZN) | CYPERACEAE | Scleria melanomphala |
| PRECIS | CYPERACEAE | Scleria natalensis |
| PRECIS (KZN) | CYPERACEAE | Scleria sobolifer |
| PRECIS (KZN) | CYPERACEAE | Scleria sp. |
| PRECIS | CYPERACEAE | Scleria woodii |
| PRECIS | CYPERACEAE | Tetraria cuspidata var. cuspidata |
| PRECIS | DAVALLIACEAE | Davallia chaerophylloides |
| PRECIS | DAVALLIACEAE | Davallia denticulata var. denticulata |
| PRECIS | DENNSTAEDTIACEAE | Blotiella glabra |
| PRECIS | DENNSTAEDTIACEAE | Blotiella natalensis |
| PRECIS | DENNSTAEDTIACEAE | Hypolepis sparsisora |
| PRECIS (KZN) | DENNSTAEDTIACEAE | Lonchitis sp. |
| PRECIS | DENNSTAEDTIACEAE | Microlepia speluncae |
| PRECIS | DENNSTAEDTIACEAE | Pteridium aquilinum subsp. aquilinum |
| Acocks | DENNSTAEDTIACEAE | Pteridium aquilinum subsp. centrali-africanum |
| PRECIS | DICHAPETALACEAE | Tapura fischeri |
| PRECIS | DICRANACEAE | Campylopus aureonitens |
| PRECIS | DICRANACEAE | Campylopus bicolor subsp. atroluteus |
| PRECIS | DICRANACEAE | Campylopus flaccidus |
| PRECIS | DICRANACEAE | Campylopus introflexus |
| PRECIS | DICRANACEAE | Campylopus pilifer var. pilifer |
| PRECIS | DICRANACEAE | Campylopus pyriformis |
| PRECIS | DICRANACEAE | Campylopus robillardei |
| PRECIS | DICRANACEAE | Campylopus stenopelma |
| PRECIS | DICRANACEAE | Dicranella subsubulata |
| PRECIS | DICRANACEAE | Leptotrichella minuta |
| PRECIS | DICRANACEAE | Leucoloma chrysobasilare subsp. chrysobasilare |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | DICRANACEAE | Leucoloma rehmannii |
| PRECIS | DIOSCOREACEAE | Dioscorea cotinifolia |
| PRECIS (KZN) | DIOSCOREACEAE | Dioscorea diversifolia |
| Acocks | DIOSCOREACEAE | Dioscorea dregeana |
| PRECIS | DIOSCOREACEAE | Dioscorea mundii |
| PRECIS | DIOSCOREACEAE | Dioscorea quartiniana |
| PRECIS (KZN) | DIOSCOREACEAE | Dioscorea retusa |
| PRECIS (KZN) | DIOSCOREACEAE | Dioscorea rupicola |
| PRECIS (KZN) | DIOSCOREACEAE | Dioscorea sp. |
| PRECIS (KZN) | DIOSCOREACEAE | Dioscorea sylvatica var. brevipes |
| PRECIS (KZN) | DIOSCOREACEAE | Dioscorea sylvatica var. paniculata |
| PRECIS | DIOSCOREACEAE | Dioscorea sylvatica var. rehmannii |
| PRECIS | DIOSCOREACEAE | Dioscorea sylvatica var. sylvatica |
| Acocks | DIPSACACEAE | Cephalaria attenuata |
| Acocks | DIPSACACEAE | Cephalaria natalensis |
| PRECIS | DIPSACACEAE | Cephalaria petiolata |
| PRECIS | DIPSACACEAE | Cephalaria pungens |
| PRECIS | DIPSACACEAE | Cephalaria zeyheriana |
| PRECIS | DIPSACACEAE | Scabiosa columbaria |
| PRECIS | DIPSACACEAE | Scabiosa sp. |
| PRECIS | DITRICHACEAE | Ceratodon purpureus subsp. stenocarpus |
| PRECIS | DITRICHACEAE | Ditrichum brachypodum |
| PRECIS | DITRICHACEAE | Ditrichum difficile |
| PRECIS | DITRICHACEAE | Eccremidium exiguum |
| PRECIS | DITRICHACEAE | Pleuridium nervosum |
| Acocks | DRACAENACEAE | Dracaena aletriformis |
| Gardens (KBG) | DRACAENACEAE | Dracaena mannii |
| PRECIS | DRACAENACEAE | Dracaena sp. |
| Acocks | DRACAENACEAE | Sansevieria hyacinthoides |
| PRECIS | DRACAENACEAE | Sansevieria sp. |
| PRECIS | DROSERACEAE | Drosera burkeana |
| PRECIS | DROSERACEAE | Drosera collinsiae |
| PRECIS | DROSERACEAE | Drosera dielsiana |
| PRECIS | DROSERACEAE | Drosera madagascariensis |
| PRECIS (KZN) | DROSERACEAE | Drosera natalensis |
| PRECIS | DRYOPTERIDACEAE | Cyrtomium caryotideum var. micropterum |
| PRECIS (KZN) | DRYOPTERIDACEAE | Didymochlaena truncatula |
| PRECIS | DRYOPTERIDACEAE | Dryopteris athamantica |
| PRECIS (KZN) | DRYOPTERIDACEAE | Dryopteris inaequalis |
| PRECIS | DRYOPTERIDACEAE | Dryopteris pentheri |
| PRECIS | DRYOPTERIDACEAE | Polystichum alticola |
| PRECIS | DRYOPTERIDACEAE | Polystichum dracomontanum |
| PRECIS | DRYOPTERIDACEAE | Polystichum lucidum |
| PRECIS | DRYOPTERIDACEAE | Polystichum luctuosum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Gardens (KBG) | DRYOPTERIDACEAE | Polystichum monticola |
| PRECIS | DRYOPTERIDACEAE | Polystichum pungens |
| PRECIS (KZN) | DRYOPTERIDACEAE | Polystichum transkeiense |
| PRECIS | DRYOPTERIDACEAE | Polystichum transvaalense |
| PRECIS | EBENACEAE | Diospyros austro-africana var. microphylla |
| Acocks | EBENACEAE | Diospyros austro-africana var. rubriflora |
| PRECIS | EBENACEAE | Diospyros dichrophylla |
| PRECIS | EBENACEAE | Diospyros galpinii |
| PRECIS (KZN) | EBENACEAE | Diospyros glandulifera |
| PRECIS | EBENACEAE | Diospyros inhacaensis |
| PRECIS | EBENACEAE | Diospyros lycioides subsp. guerkei |
| PRECIS | EBENACEAE | Diospyros lycioides subsp. nitens |
| PRECIS | EBENACEAE | Diospyros lycioides subsp. sericea |
| PRECIS | EBENACEAE | Diospyros natalensis |
| Acocks | EBENACEAE | Diospyros pallens |
| Acocks | EBENACEAE | Diospyros scabrida var. cordata |
| PRECIS | EBENACEAE | Diospyros scabrida var. scabrida |
| PRECIS | EBENACEAE | Diospyros simii |
| PRECIS | EBENACEAE | Diospyros villosa var. villosa |
| PRECIS (KZN) | EBENACEAE | Diospyros whyteana |
| PRECIS | EBENACEAE | Euclea crispa |
| Acocks | EBENACEAE | Euclea crispa subsp. crispa |
| PRECIS | EBENACEAE | Euclea daphnoides |
| PRECIS | EBENACEAE | Euclea divinorum |
| Acocks | EBENACEAE | Euclea natalensis subsp. angustifolia |
| PRECIS | EBENACEAE | Euclea natalensis subsp. magutensis |
| Acocks | EBENACEAE | Euclea natalensis subsp. natalensis |
| Acocks | EBENACEAE | Euclea polyandra |
| PRECIS | EBENACEAE | Euclea sp. |
| Acocks | EBENACEAE | Euclea undulata |
| PRECIS | ECTOLECHIACEAE | Pyrenotrichum splitgerberi |
| PRECIS | ELAPHOGLOSSACEAE | Elaphoglossum macropodium |
| PRECIS | ENTODONTACEAE | Entodon macropodus |
| Acocks | EQUISETACEAE | Equisetum ramosissimum subsp. debile |
| PRECIS | EQUISETACEAE | Equisetum ramosissimum subsp. ramosissimum |
| PRECIS | ERICACEAE | Erica alopecurus var. alopecurus |
| PRECIS | ERICACEAE | Erica autroverna |
| PRECIS | ERICACEAE | Erica caffrorum var. caffrorum |
| PRECIS | ERICACEAE | Erica cerinthoides |
| PRECIS | ERICACEAE | Erica cerinthoides var. barbertona |
| PRECIS | ERICACEAE | Erica cerinthoides var. cerinthoides |
| PRECIS | ERICACEAE | Erica cubica var. cubica |
| PRECIS | ERICACEAE | Erica drakensbergensis |
| PRECIS (KZN) | ERICACEAE | Erica evansii |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ERICACEAE | Erica natalitia var. natalitia |
| PRECIS (KZN) | ERICACEAE | Erica oatesii var. oatesii |
| PRECIS | ERICACEAE | Erica reenensis |
| PRECIS | ERICACEAE | Erica revoluta |
| PRECIS | ERICACEAE | Erica woodii |
| PRECIS | ERICACEAE | Erica woodii var. woodii |
| PRECIS (KZN) | ERIOCAULACEAE | Eriocaulon dregei |
| PRECIS (KZN) | ERIOCAULACEAE | Eriocaulon dregei var. sonderianum |
| PRECIS | ERIOCAULACEAE | Eriocaulon hydrophilum |
| PRECIS | ERIOCAULACEAE | Eriocaulon mutatum var. angustisepalum |
| PRECIS (KZN) | ERIOCAULACEAE | Eriocaulon ruhlandii |
| PRECIS | ERIOCAULACEAE | Eriocaulon sonderianum |
| PRECIS (KZN) | ERIOSPERMACEAE | Eriospermum cooperi var. cooperi |
| PRECIS (KZN) | ERIOSPERMACEAE | Eriospermum cooperi var. natalense |
| Acocks | ERIOSPERMACEAE | Eriospermum flagelliforme |
| PRECIS | ERIOSPERMACEAE | Eriospermum mackenii subsp. galpinii |
| PRECIS | ERIOSPERMACEAE | Eriospermum porphyrovalve |
| PRECIS | ERIOSPERMACEAE | Eriospermum sp. |
| PRECIS (KZN) | ERIOSPERMACEAE | Eriospermum tenellum |
| PRECIS | ERPODIACEAE | Aulacopilum trichophyllum |
| Acocks | ERYTHROXYLACEAE | Erythroxylum delagoense |
| PRECIS | ERYTHROXYLACEAE | Erythroxylum emarginatum |
| PRECIS | ERYTHROXYLACEAE | Erythroxylum pictum |
| PRECIS | ERYTHROXYLACEAE | Nectaropetalum zuluense |
| Acocks | ESCALLONIACEAE | Choristylis rhamnoides |
| PRECIS | EUPHORBIACEAE | Acalypha angustata |
| PRECIS | EUPHORBIACEAE | Acalypha angustata var. glabra |
| PRECIS | EUPHORBIACEAE | Acalypha caperonioides var. caperonioides |
| PRECIS | EUPHORBIACEAE | Acalypha depressinerva |
| PRECIS | EUPHORBIACEAE | Acalypha ecklonii |
| Acocks | EUPHORBIACEAE | Acalypha glabrata var. glabrata |
| PRECIS | EUPHORBIACEAE | Acalypha glabrata var. pilosa |
| PRECIS | EUPHORBIACEAE | Acalypha glandulifolia |
| PRECIS (KZN) | EUPHORBIACEAE | Acalypha peduncularis |
| PRECIS | EUPHORBIACEAE | Acalypha punctata var. punctata |
| PRECIS | EUPHORBIACEAE | Acalypha sonderiana |
| PRECIS | EUPHORBIACEAE | Acalypha sp. |
| PRECIS | EUPHORBIACEAE | Acalypha villicaulis |
| PRECIS (KZN) | EUPHORBIACEAE | Acalypha wilmsii |
| PRECIS | EUPHORBIACEAE | Adenocline acuta |
| PRECIS | EUPHORBIACEAE | Adenocline pauciflora |
| PRECIS | EUPHORBIACEAE | Alchornea hirtella forma glabrata |
| PRECIS | EUPHORBIACEAE | Aleurites fordii |
| PRECIS | EUPHORBIACEAE | Aleurites moluccana var. moluccana |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | EUPHORBIACEAE | Cavacoa aurea |
| PRECIS | EUPHORBIACEAE | Clutia abyssinica var. abyssinica |
| PRECIS (KZN) | EUPHORBIACEAE | Clutia abyssinica var. usambarica |
| PRECIS | EUPHORBIACEAE | Clutia affinis |
| PRECIS | EUPHORBIACEAE | Clutia cordata |
| PRECIS | EUPHORBIACEAE | Clutia disceptata |
| PRECIS | EUPHORBIACEAE | Clutia hirsuta var. hirsuta |
| PRECIS | EUPHORBIACEAE | Clutia katharinae |
| PRECIS | EUPHORBIACEAE | Clutia laxa |
| PRECIS | EUPHORBIACEAE | Clutia monticola var. monticola |
| Acocks | EUPHORBIACEAE | Clutia natalensis |
| PRECIS | EUPHORBIACEAE | Clutia pulchella var. pulchella |
| PRECIS | EUPHORBIACEAE | Clutia sp. |
| PRECIS | EUPHORBIACEAE | Clutia virgata |
| PRECIS | EUPHORBIACEAE | Croton gratissimus var. gratissimus |
| PRECIS | EUPHORBIACEAE | Croton leuconeurus subsp. mossambicensis |
| PRECIS | EUPHORBIACEAE | Croton menyharthii |
| PRECIS | EUPHORBIACEAE | Croton pseudopulchellus |
| PRECIS | EUPHORBIACEAE | Croton sp. |
| PRECIS | EUPHORBIACEAE | Croton sylvaticus |
| Acocks | EUPHORBIACEAE | Ctenomeria capensis |
| Acocks | EUPHORBIACEAE | Dalechampia capensis |
| PRECIS | EUPHORBIACEAE | Dalechampia scandens var. natalensis |
| Gardens (KBG) | EUPHORBIACEAE | Drypetes natalensis var. natalensis |
| PRECIS | EUPHORBIACEAE | Erythrococca menyharthii |
| PRECIS | EUPHORBIACEAE | Erythrococca natalensis |
| PRECIS | EUPHORBIACEAE | Euphorbia clavarioides var. clavarioides |
| Acocks | EUPHORBIACEAE | Euphorbia clavarioides var. truncata |
| PRECIS | EUPHORBIACEAE | Euphorbia clavigera |
| PRECIS | EUPHORBIACEAE | Euphorbia cyathophora |
| PRECIS | EUPHORBIACEAE | Euphorbia epicyparissias |
| PRECIS | EUPHORBIACEAE | Euphorbia franksiae var. zuluensis |
| Acocks | EUPHORBIACEAE | Euphorbia grandicornis subsp. grandicornis |
| PRECIS | EUPHORBIACEAE | Euphorbia grandidens |
| PRECIS | EUPHORBIACEAE | Euphorbia gueinzii var. albovillosa |
| PRECIS | EUPHORBIACEAE | Euphorbia helioscopia |
| PRECIS | EUPHORBIACEAE | Euphorbia heterophylla |
| PRECIS (KZN) | EUPHORBIACEAE | Euphorbia hirta |
| PRECIS | EUPHORBIACEAE | Euphorbia inaequilatera var. inaequilatera |
| Acocks | EUPHORBIACEAE | Euphorbia ingens |
| Acocks | EUPHORBIACEAE | Euphorbia kraussiana var. erubescens |
| PRECIS | EUPHORBIACEAE | Euphorbia kraussiana var. kraussiana |
| PRECIS | EUPHORBIACEAE | Euphorbia natalensis |
| PRECIS | EUPHORBIACEAE | Euphorbia neopolycnemoides |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | EUPHORBIACEAE | Euphorbia prostrata |
| Acocks | EUPHORBIACEAE | Euphorbia pseudotuberosa |
| Acocks | EUPHORBIACEAE | Euphorbia pulvinata |
| PRECIS | EUPHORBIACEAE | Euphorbia serpens |
| PRECIS | EUPHORBIACEAE | Euphorbia sp. |
| Acocks | EUPHORBIACEAE | Euphorbia striata var. cuspidata |
| PRECIS | EUPHORBIACEAE | Euphorbia striata var. striata |
| PRECIS | EUPHORBIACEAE | Euphorbia tetragona |
| PRECIS | EUPHORBIACEAE | Euphorbia tirucalli |
| Acocks | EUPHORBIACEAE | Euphorbia triangularis |
| PRECIS | EUPHORBIACEAE | Euphorbia tugelensis |
| PRECIS | EUPHORBIACEAE | Euphorbia vandermerwei |
| PRECIS | EUPHORBIACEAE | Excoecaria simii |
| PRECIS | EUPHORBIACEAE | Jatropha curcas |
| Acocks | EUPHORBIACEAE | Jatropha hirsuta var. glabrescens |
| PRECIS | EUPHORBIACEAE | Jatropha hirsuta var. hirsuta |
| PRECIS | EUPHORBIACEAE | Jatropha hirsuta var. oblongifolia |
| PRECIS | EUPHORBIACEAE | Jatropha sp. |
| PRECIS | EUPHORBIACEAE | Jatropha variifolia |
| PRECIS | EUPHORBIACEAE | Jatropha woodii |
| PRECIS | EUPHORBIACEAE | Jatropha zeyheri |
| PRECIS | EUPHORBIACEAE | Leidesia procumbens |
| PRECIS (KZN) | EUPHORBIACEAE | Macaranga capensis |
| Acocks | EUPHORBIACEAE | Macaranga capensis var. capensis |
| PRECIS | EUPHORBIACEAE | Micrococca capensis |
| Gardens (KBG) | EUPHORBIACEAE | Micrococca sp. |
| PRECIS (KZN) | EUPHORBIACEAE | Phyllanthus incurvus |
| Acocks | EUPHORBIACEAE | Ricinus communis var. communis |
| PRECIS | EUPHORBIACEAE | Sclerocroton integerrimus |
| PRECIS | EUPHORBIACEAE | Shirakiopsis elliptica |
| Acocks | EUPHORBIACEAE | Spirostachys africana |
| Acocks | EUPHORBIACEAE | Suregada africana |
| PRECIS | EUPHORBIACEAE | Suregada zanzibariensis |
| PRECIS | EUPHORBIACEAE | Tragia glabrata var. glabrata |
| PRECIS | EUPHORBIACEAE | Tragia incisifolia |
| Acocks | EUPHORBIACEAE | Tragia meyeriana |
| Acocks | EUPHORBIACEAE | Tragia minor |
| PRECIS | EUPHORBIACEAE | Tragia rupestris |
| PRECIS | EUPHORBIACEAE | Tragia sonderi |
| Acocks | EUPHORBIACEAE | Tragiella natalensis |
| PRECIS | EXORMOTHECACEAE | Exormotheca holstii |
| PRECIS | FABACEAE | Abrus laevigatus |
| PRECIS | FABACEAE | Abrus precatorius subsp. africanus |
| Acocks | FABACEAE | Acacia ataxacantha |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | FABACEAE | Acacia borleae |
| PRECIS | FABACEAE | Acacia brevispica subsp. dregeana |
| PRECIS | FABACEAE | Acacia burkei |
| Acocks | FABACEAE | Acacia caffra |
| Acocks | FABACEAE | Acacia davyi |
| PRECIS | FABACEAE | Acacia dealbata |
| Acocks | FABACEAE | Acacia gerrardii subsp. gerrardii var. gerrardii |
| PRECIS | FABACEAE | Acacia grandicornuta |
| Acocks | FABACEAE | Acacia karroo |
| PRECIS (KZN) | FABACEAE | Acacia kraussiana |
| PRECIS (KZN) | FABACEAE | Acacia longifolia |
| PRECIS | FABACEAE | Acacia luederitzii var. retinens |
| PRECIS | FABACEAE | Acacia mearnsii |
| PRECIS (KZN) | FABACEAE | Acacia melanoxylon |
| PRECIS | FABACEAE | Acacia natalitia |
| PRECIS | FABACEAE | Acacia nigrescens |
| Acocks | FABACEAE | Acacia nilotica subsp. kraussiana |
| PRECIS | FABACEAE | Acacia permixta |
| PRECIS | FABACEAE | Acacia podalyriifolia |
| PRECIS (KZN) | FABACEAE | Acacia rehmanniana |
| PRECIS (KZN) | FABACEAE | Acacia robusta subsp. clavigera |
| Acocks | FABACEAE | Acacia robusta subsp. robusta |
| PRECIS | FABACEAE | Acacia schweinfurthii var. schweinfurthii |
| PRECIS | FABACEAE | Acacia senegal var. leiorhachis |
| PRECIS (KZN) | FABACEAE | Acacia senegal var. rostrata |
| Acocks | FABACEAE | Acacia sieberiana var. woodii |
| PRECIS | FABACEAE | Acacia sp. |
| Acocks | FABACEAE | Acacia tortilis subsp. heteracantha |
| PRECIS | FABACEAE | Acacia welwitschii subsp. welwitschii |
| PRECIS | FABACEAE | Acacia xanthophloea |
| Acocks | FABACEAE | Adenopodia spicata |
| Acocks | FABACEAE | Aeschynomene micrantha |
| PRECIS | FABACEAE | Aeschynomene rehmannii var. leptobotrya |
| PRECIS | FABACEAE | Albizia adianthifolia var. adianthifolia |
| PRECIS | FABACEAE | Albizia anthelmintica |
| PRECIS (KZN) | FABACEAE | Albizia brevifolia |
| PRECIS | FABACEAE | Albizia forbesii |
| PRECIS | FABACEAE | Albizia petersiana subsp. petersiana |
| PRECIS | FABACEAE | Albizia suluensis |
| Acocks | FABACEAE | Albizia versicolor |
| PRECIS (KZN) | FABACEAE | Alysicarpus rugosus subsp. perennirufus |
| PRECIS | FABACEAE | Alysicarpus rugosus subsp. rugosus |
| PRECIS | FABACEAE | Alysicarpus vaginalis var. vaginalis |
| Acocks | FABACEAE | Alysicarpus zeyheri |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | FABACEAE | Argyrolobium adscendens |
| PRECIS | FABACEAE | Argyrolobium ascendens |
| PRECIS | FABACEAE | Argyrolobium harveyanum |
| PRECIS | FABACEAE | Argyrolobium humile |
| PRECIS | FABACEAE | Argyrolobium longifolium |
| PRECIS | FABACEAE | Argyrolobium lotoides |
| PRECIS (KZN) | FABACEAE | Argyrolobium marginatum |
| PRECIS (KZN) | FABACEAE | Argyrolobium molle |
| PRECIS | FABACEAE | Argyrolobium nigrescens |
| PRECIS (KZN) | FABACEAE | Argyrolobium pauciflorum var. pauciflorum |
| PRECIS | FABACEAE | Argyrolobium pseudotuberosum |
| PRECIS | FABACEAE | Argyrolobium rotundifolium |
| PRECIS (KZN) | FABACEAE | Argyrolobium rupestre subsp. rupestre |
| PRECIS | FABACEAE | Argyrolobium sp. |
| Acocks | FABACEAE | Argyrolobium speciosum |
| PRECIS | FABACEAE | Argyrolobium stipulaceum |
| PRECIS | FABACEAE | Argyrolobium tomentosum |
| PRECIS | FABACEAE | Argyrolobium tuberosum |
| PRECIS (KZN) | FABACEAE | Argyrolobium tysonii |
| PRECIS | FABACEAE | Argyrolobium velutinum |
| PRECIS | FABACEAE | Argyrolobium wilmsii |
| PRECIS | FABACEAE | Aspalathus gerrardii |
| PRECIS | FABACEAE | Baphia racemosa |
| PRECIS | FABACEAE | Bauhinia galpinii |
| PRECIS | FABACEAE | Bauhinia tomentosa |
| PRECIS | FABACEAE | Bolusanthus speciosus |
| PRECIS (KZN) | FABACEAE | Caesalpinia decapetala |
| PRECIS | FABACEAE | Caesalpinia pulcherrima |
| PRECIS | FABACEAE | Cajanus cajan |
| Acocks | FABACEAE | Calpurnia aurea subsp. aurea |
| PRECIS | FABACEAE | Calpurnia glabrata |
| PRECIS | FABACEAE | Calpurnia sericea |
| PRECIS | FABACEAE | Calpurnia villosa var. intrusa |
| Acocks | FABACEAE | Calpurnia woodii |
| PRECIS | FABACEAE | Canavalia bonariensis |
| PRECIS | FABACEAE | Canavalia ensiformis |
| PRECIS (KZN) | FABACEAE | Canavalia rosea |
| PRECIS | FABACEAE | Canavalia virosa |
| PRECIS (KZN) | FABACEAE | Cassia capensis |
| PRECIS (KZN) | FABACEAE | Cassia italica subsp. italica |
| Gardens (PRE) | FABACEAE | Cassia sp. |
| PRECIS | FABACEAE | Chamaecrista biensis |
| PRECIS | FABACEAE | Chamaecrista capensis var. capensis |
| PRECIS | FABACEAE | Chamaecrista capensis var. flavescens |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | FABACEAE | Chamaecrista comosa var. capricornia |
| PRECIS | FABACEAE | Chamaecrista comosa var. comosa |
| PRECIS | FABACEAE | Chamaecrista mimosoides |
| PRECIS | FABACEAE | Chamaecrista plumosa var. erecta |
| PRECIS | FABACEAE | Chamaecrista plumosa var. plumosa |
| PRECIS | FABACEAE | Chamaecrista stricta |
| PRECIS | FABACEAE | Crotalaria capensis |
| PRECIS | FABACEAE | Crotalaria dura subsp. dura |
| PRECIS | FABACEAE | Crotalaria globifera |
| PRECIS (KZN) | FABACEAE | Crotalaria laburnifolia subsp. australis |
| MSB | FABACEAE | Crotalaria lanceolata subsp. lanceolata |
| PRECIS | FABACEAE | Crotalaria lotoides |
| PRECIS | FABACEAE | Crotalaria macrocarpa subsp. macrocarpa |
| PRECIS (KZN) | FABACEAE | Crotalaria monteiroi var. galpinii |
| PRECIS | FABACEAE | Crotalaria monteiroi var. monteiroi |
| MSB | FABACEAE | Crotalaria natalensis |
| PRECIS | FABACEAE | Crotalaria natalitia var. natalitia |
| PRECIS (KZN) | FABACEAE | Crotalaria orientalis subsp. allenii |
| PRECIS (KZN) | FABACEAE | Crotalaria pallida var. pallida |
| PRECIS | FABACEAE | Crotalaria sp. |
| PRECIS (KZN) | FABACEAE | Crotalaria vasculosa |
| MSB | FABACEAE | Crotalaria virgulata subsp. grantiana |
| Acocks | FABACEAE | Dalbergia armata |
| PRECIS | FABACEAE | Dalbergia melanoxylon |
| Acocks | FABACEAE | Dalbergia multijuga |
| Acocks | FABACEAE | Dalbergia obovata |
| PRECIS | FABACEAE | Derris trifoliata |
| PRECIS | FABACEAE | Desmanthus virgatus |
| PRECIS | FABACEAE | Desmodium adscendens var. robustum |
| PRECIS | FABACEAE | Desmodium dregeanum |
| PRECIS | FABACEAE | Desmodium gangeticum |
| PRECIS | FABACEAE | Desmodium incanum |
| PRECIS | FABACEAE | Desmodium repandum |
| PRECIS | FABACEAE | Desmodium salicifolium var. salicifolium |
| PRECIS | FABACEAE | Desmodium setigerum |
| PRECIS | FABACEAE | Dialium schlechteri |
| PRECIS (KZN) | FABACEAE | Dichilus lebeckioides |
| PRECIS | FABACEAE | Dichilus reflexus |
| PRECIS (KZN) | FABACEAE | Dichilus strictus |
| PRECIS | FABACEAE | Dichrostachys cinerea subsp. africana var. africana |
| PRECIS (KZN) | FABACEAE | Dichrostachys cinerea subsp. africana var. pubescens |
| PRECIS (KZN) | FABACEAE | Dichrostachys cinerea subsp. africana var. setulosa |
| Acocks | FABACEAE | Dichrostachys cinerea subsp. nyassana |
| PRECIS | FABACEAE | Dichrostachys sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | FABACEAE | Dipogon lignosus |
| PRECIS | FABACEAE | Dolichos angustifolius |
| PRECIS | FABACEAE | Dolichos falciformis |
| PRECIS (KZN) | FABACEAE | Dolichos junodii |
| PRECIS | FABACEAE | Dolichos linearis |
| PRECIS (KZN) | FABACEAE | Dolichos sericeus subsp. sericeus |
| PRECIS | FABACEAE | Dolichos sp. |
| PRECIS | FABACEAE | Dolichos trilobus subsp. transvaalicus |
| PRECIS | FABACEAE | Dumasia sp. |
| PRECIS | FABACEAE | Dumasia villosa var. villosa |
| PRECIS | FABACEAE | Elephantorrhiza elephantina |
| PRECIS | FABACEAE | Elephantorrhiza woodii var. woodii |
| PRECIS (KZN) | FABACEAE | Entada gigas |
| PRECIS | FABACEAE | Entada rheedii |
| PRECIS (KZN) | FABACEAE | Entada sp. |
| PRECIS (KZN) | FABACEAE | Entada wahlbergii |
| Acocks | FABACEAE | Eriosema acuminatum |
| PRECIS | FABACEAE | Eriosema cordatum |
| PRECIS | FABACEAE | Eriosema cordatum E.Mey. x E. kraussianum Meisn. |
| PRECIS | FABACEAE | Eriosema cordatum E.Mey. x E. salignum E.Mey. |
| Acocks | FABACEAE | Eriosema distinctum |
| PRECIS | FABACEAE | Eriosema durnfordensis |
| PRECIS (KZN) | FABACEAE | Eriosema ellipticifolium |
| Acocks | FABACEAE | Eriosema kraussianum |
| PRECIS | FABACEAE | Eriosema lucipetum |
| PRECIS | FABACEAE | Eriosema parviflorum subsp. parviflorum |
| PRECIS | FABACEAE | Eriosema preptum |
| PRECIS | FABACEAE | Eriosema psoraleoides |
| Acocks | FABACEAE | Eriosema salignum |
| PRECIS | FABACEAE | Eriosema salignum E.Mey. x E. cordatum E.Mey. |
| PRECIS | FABACEAE | Eriosema simulans |
| PRECIS | FABACEAE | Eriosema sp. |
| PRECIS (KZN) | FABACEAE | Eriosema squarrosum |
| PRECIS | FABACEAE | Eriosema transvaalense |
| PRECIS (KZN) | FABACEAE | Eriosema zuluense |
| Acocks | FABACEAE | Erythrina caffra |
| PRECIS | FABACEAE | Erythrina humeana |
| PRECIS | FABACEAE | Erythrina latissima |
| PRECIS | FABACEAE | Erythrina lysistemon |
| PRECIS | FABACEAE | Erythrina sp. |
| PRECIS | FABACEAE | Erythrina zeyheri |
| PRECIS | FABACEAE | Erythrophleum lasianthum |
| PRECIS (KZN) | FABACEAE | Flemingia grahamiana |
| Acocks | FABACEAE | Galactia dubia |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | FABACEAE | Galactia tenuiflora var. villosa |
| PRECIS (KZN) | FABACEAE | Indigastrum costatum subsp. macrum |
| Acocks | FABACEAE | Indigastrum fastigiatum |
| PRECIS (KZN) | FABACEAE | Indigastrum parviflorum subsp. parviflorum var. parviflorum |
| PRECIS | FABACEAE | Indigofera adenoides |
| PRECIS (KZN) | FABACEAE | Indigofera arrecta |
| PRECIS | FABACEAE | Indigofera cryptantha var. cryptantha |
| PRECIS | FABACEAE | Indigofera daleoides var. daleoides |
| PRECIS (KZN) | FABACEAE | Indigofera delagoaensis |
| PRECIS (KZN) | FABACEAE | Indigofera dimidiata |
| PRECIS | FABACEAE | Indigofera eriocarpa |
| PRECIS (KZN) | FABACEAE | Indigofera frondosa |
| PRECIS (KZN) | FABACEAE | Indigofera hedyantha |
| PRECIS (KZN) | FABACEAE | Indigofera hilaris var. hilaris |
| PRECIS | FABACEAE | Indigofera hybrida |
| Acocks | FABACEAE | Indigofera krookii |
| PRECIS (KZN) | FABACEAE | Indigofera longebarbata |
| PRECIS | FABACEAE | Indigofera longibarbata |
| PRECIS | FABACEAE | Indigofera micrantha |
| PRECIS (KZN) | FABACEAE | Indigofera natalensis |
| PRECIS | FABACEAE | Indigofera neglecta |
| Acocks | FABACEAE | Indigofera nigromontana |
| PRECIS | FABACEAE | Indigofera obscura |
| Acocks | FABACEAE | Indigofera oxytropis |
| PRECIS | FABACEAE | Indigofera placida |
| PRECIS | FABACEAE | Indigofera rostrata |
| PRECIS (KZN) | FABACEAE | Indigofera sanguinea |
| PRECIS (KZN) | FABACEAE | Indigofera schimperi var. schimperi |
| PRECIS (KZN) | FABACEAE | Indigofera sp. |
| PRECIS (KZN) | FABACEAE | Indigofera spicata var. brevicarpa |
| PRECIS (KZN) | FABACEAE | Indigofera spicata var. spicata |
| PRECIS (KZN) | FABACEAE | Indigofera tenuissima |
| PRECIS | FABACEAE | Indigofera torulosa var. torulosa |
| PRECIS (KZN) | FABACEAE | Indigofera tristis |
| PRECIS | FABACEAE | Indigofera tristoides |
| PRECIS (KZN) | FABACEAE | Indigofera trita subsp. scabra |
| PRECIS (KZN) | FABACEAE | Indigofera velutina |
| PRECIS | FABACEAE | Indigofera vicioides var. rogersii |
| PRECIS | FABACEAE | Indigofera vicioides var. vicioides |
| PRECIS (KZN) | FABACEAE | Indigofera williamsonii |
| PRECIS | FABACEAE | Indigofera zeyheri |
| PRECIS | FABACEAE | Lablab purpureus subsp. purpureus |
| PRECIS | FABACEAE | Lablab purpureus subsp. uncinatus |
| PRECIS (KZN) | FABACEAE | Lebeckia sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| MSB | FABACEAE | Lessertia brachystachya |
| PRECIS | FABACEAE | Lessertia depressa |
| PRECIS | FABACEAE | Lessertia perennans |
| PRECIS | FABACEAE | Lessertia perennans var. perennans |
| PRECIS | FABACEAE | Lessertia perennans var. polystachya |
| PRECIS | FABACEAE | Lessertia perennans var. sericea |
| PRECIS | FABACEAE | Lessertia sp. |
| MSB | FABACEAE | Lessertia stricta |
| PRECIS | FABACEAE | Lessertia thodei |
| PRECIS (KZN) | FABACEAE | Leucaena leucocephala subsp. leucocephala |
| PRECIS | FABACEAE | Lotononis amajubica |
| PRECIS (KZN) | FABACEAE | Lotononis calycina |
| PRECIS | FABACEAE | Lotononis carinata |
| PRECIS | FABACEAE | Lotononis corymbosa |
| PRECIS | FABACEAE | Lotononis decumbens subsp. decumbens |
| PRECIS | FABACEAE | Lotononis difformis |
| PRECIS | FABACEAE | Lotononis eriantha |
| Acocks | FABACEAE | Lotononis foliosa |
| PRECIS | FABACEAE | Lotononis glabrescens |
| Acocks | FABACEAE | Lotononis grandis |
| PRECIS (KZN) | FABACEAE | Lotononis laxa |
| PRECIS (KZN) | FABACEAE | Lotononis listii |
| PRECIS | FABACEAE | Lotononis macrosepala |
| PRECIS | FABACEAE | Lotononis mucronata |
| PRECIS | FABACEAE | Lotononis pottiae |
| PRECIS | FABACEAE | Lotononis procumbens |
| PRECIS | FABACEAE | Lotononis pulchra |
| PRECIS (KZN) | FABACEAE | Lotononis pusilla |
| PRECIS | FABACEAE | Lotononis solitudinis |
| PRECIS | FABACEAE | Lotononis sp. |
| PRECIS | FABACEAE | Lotononis viminea |
| PRECIS (KZN) | FABACEAE | Lotus discolor subsp. discolor |
| PRECIS | FABACEAE | Macrotyloma axillare var. axillare |
| PRECIS (KZN) | FABACEAE | Medicago laciniata var. laciniata |
| PRECIS | FABACEAE | Melilotus albus |
| PRECIS | FABACEAE | Melolobium calycinum |
| PRECIS | FABACEAE | Melolobium obcordatum |
| PRECIS | FABACEAE | Melolobium wilmsii |
| MSB | FABACEAE | Millettia grandis |
| PRECIS | FABACEAE | Mundulea sericea subsp. sericea |
| PRECIS | FABACEAE | Mundulea sp. |
| PRECIS | FABACEAE | Neonotonia wightii |
| PRECIS | FABACEAE | Newtonia hildebrandtii var. hildebrandtii |
| Acocks | FABACEAE | Ormocarpum trichocarpum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | FABACEAE | Otholobium nigricans |
| PRECIS | FABACEAE | Otholobium polyphyllum |
| PRECIS | FABACEAE | Otholobium polystictum |
| PRECIS | FABACEAE | Otholobium sp. |
| PRECIS | FABACEAE | Otholobium spicatum |
| PRECIS (KZN) | FABACEAE | Otholobium wilmsii |
| PRECIS | FABACEAE | Pearsonia aristata |
| PRECIS | FABACEAE | Pearsonia cajanifolia subsp. cajanifolia |
| PRECIS | FABACEAE | Pearsonia grandifolia subsp. grandifolia |
| PRECIS | FABACEAE | Pearsonia grandifolia subsp. latibracteolata |
| PRECIS | FABACEAE | Pearsonia sessilifolia subsp. filifolia |
| PRECIS | FABACEAE | Pearsonia sessilifolia subsp. marginata |
| PRECIS | FABACEAE | Pearsonia sessilifolia subsp. sessilifolia |
| PRECIS (KZN) | FABACEAE | Pearsonia sp. |
| PRECIS | FABACEAE | Peltophorum africanum |
| PRECIS (KZN) | FABACEAE | Phaseolus vulgaris var. vulgaris |
| PRECIS | FABACEAE | Philenoptera sutherlandii |
| PRECIS | FABACEAE | Pseudarthria hookeri var. hookeri |
| PRECIS | FABACEAE | Psoralea glabra |
| PRECIS (KZN) | FABACEAE | Psoralea pinnata |
| PRECIS (KZN) | FABACEAE | Psoralea sp. |
| PRECIS | FABACEAE | Pterocarpus angolensis |
| PRECIS | FABACEAE | Pterocarpus rotundifolius subsp. rotundifolius |
| PRECIS (KZN) | FABACEAE | Rhynchosia adenodes |
| Acocks | FABACEAE | Rhynchosia albissima |
| PRECIS | FABACEAE | Rhynchosia caribaea |
| PRECIS | FABACEAE | Rhynchosia cooperi |
| PRECIS | FABACEAE | Rhynchosia crassifolia |
| PRECIS (KZN) | FABACEAE | Rhynchosia densiflora subsp. chrysadenia |
| Acocks | FABACEAE | Rhynchosia effusa |
| PRECIS | FABACEAE | Rhynchosia galpinii |
| PRECIS (KZN) | FABACEAE | Rhynchosia harmsiana var. burchellii |
| PRECIS | FABACEAE | Rhynchosia harmsiana var. harmsiana |
| PRECIS | FABACEAE | Rhynchosia hirsuta |
| PRECIS | FABACEAE | Rhynchosia minima var. minima |
| PRECIS | FABACEAE | Rhynchosia minima var. prostrata |
| PRECIS | FABACEAE | Rhynchosia monophylla |
| PRECIS | FABACEAE | Rhynchosia nervosa var. nervosa |
| PRECIS | FABACEAE | Rhynchosia nitens |
| PRECIS | FABACEAE | Rhynchosia ovata |
| PRECIS | FABACEAE | Rhynchosia pauciflora |
| PRECIS | FABACEAE | Rhynchosia peglerae |
| PRECIS (KZN) | FABACEAE | Rhynchosia pentheri var. pentheri |
| PRECIS | FABACEAE | Rhynchosia reptabunda |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | FABACEAE | Rhynchosia sordida |
| PRECIS (KZN) | FABACEAE | Rhynchosia sp. |
| PRECIS | FABACEAE | Rhynchosia stenodon |
| PRECIS | FABACEAE | Rhynchosia totta |
| PRECIS | FABACEAE | Rhynchosia totta var. totta |
| PRECIS | FABACEAE | Rhynchosia woodii |
| PRECIS | FABACEAE | Robinia pseudoacacia |
| Acocks | FABACEAE | Schotia brachypetala |
| PRECIS (KZN) | FABACEAE | Schotia capitata |
| Acocks | FABACEAE | Schotia latifolia |
| PRECIS (KZN) | FABACEAE | Senna bicapsularis |
| PRECIS (KZN) | FABACEAE | Senna didymobotrya |
| PRECIS | FABACEAE | Senna hirsuta |
| PRECIS (KZN) | FABACEAE | Senna multiglandulosa |
| PRECIS (KZN) | FABACEAE | Senna occidentalis |
| PRECIS | FABACEAE | Senna pendula var. glabrata |
| PRECIS | FABACEAE | Senna petersiana |
| PRECIS | FABACEAE | Senna septemtrionalis |
| PRECIS (KZN) | FABACEAE | Senna x floribunda |
| PRECIS | FABACEAE | Sesbania bispinosa var. bispinosa |
| PRECIS | FABACEAE | Sesbania punicea |
| PRECIS | FABACEAE | Sesbania sesban subsp. sesban var. nubica |
| MSB | FABACEAE | Sesbania sesban subsp. sesban var. sesban |
| PRECIS | FABACEAE | Smithia erubescens |
| PRECIS | FABACEAE | Sphenostylis angustifolia |
| PRECIS | FABACEAE | Sphenostylis marginata subsp. marginata |
| PRECIS | FABACEAE | Sphenostylis sp. |
| PRECIS | FABACEAE | Stylosanthes fruticosa |
| PRECIS | FABACEAE | Sutherlandia frutescens |
| PRECIS (KZN) | FABACEAE | Tephrosia albissima subsp. zuluensis |
| PRECIS (KZN) | FABACEAE | Tephrosia brummittii |
| PRECIS | FABACEAE | Tephrosia burchellii |
| Acocks | FABACEAE | Tephrosia capensis var. acutifolia |
| PRECIS | FABACEAE | Tephrosia capensis var. capensis |
| PRECIS | FABACEAE | Tephrosia capensis var. hirsuta |
| PRECIS (KZN) | FABACEAE | Tephrosia elongata var. elongata |
| PRECIS (KZN) | FABACEAE | Tephrosia glomeruliflora subsp. glomeruliflora |
| PRECIS | FABACEAE | Tephrosia glomeruliflora subsp. meisneri |
| PRECIS | FABACEAE | Tephrosia gracilenta |
| PRECIS | FABACEAE | Tephrosia grandiflora |
| PRECIS (KZN) | FABACEAE | Tephrosia inandensis |
| PRECIS (KZN) | FABACEAE | Tephrosia kraussiana |
| PRECIS (KZN) | FABACEAE | Tephrosia longipes subsp. longipes var. longipes |
| PRECIS (KZN) | FABACEAE | Tephrosia macropoda var. diffusa |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | FABACEAE | Tephrosia macropoda var. macropoda |
| PRECIS | FABACEAE | Tephrosia marginella |
| PRECIS (KZN) | FABACEAE | Tephrosia multijuga |
| PRECIS | FABACEAE | Tephrosia natalensis subsp. natalensis |
| PRECIS | FABACEAE | Tephrosia natalensis subsp. pseudocapitata |
| PRECIS | FABACEAE | Tephrosia pietersii |
| PRECIS (KZN) | FABACEAE | Tephrosia polystachya var. hirta |
| PRECIS (KZN) | FABACEAE | Tephrosia polystachya var. latifolia |
| PRECIS | FABACEAE | Tephrosia polystachya var. polystachya |
| PRECIS | FABACEAE | Tephrosia purpurea subsp. canescens |
| PRECIS (KZN) | FABACEAE | Tephrosia purpurea subsp. leptostachya var. leptostachya |
| PRECIS | FABACEAE | Tephrosia semiglabra |
| PRECIS (KZN) | FABACEAE | Tephrosia shiluwanensis |
| PRECIS (KZN) | FABACEAE | Tephrosia sp. |
| PRECIS | FABACEAE | Tephrosia subulata |
| PRECIS | FABACEAE | Tephrosia vogelii |
| PRECIS | FABACEAE | Teramnus labialis subsp. labialis |
| PRECIS | FABACEAE | Trifolium africanum |
| PRECIS (KZN) | FABACEAE | Trifolium africanum var. africanum |
| PRECIS | FABACEAE | Trifolium africanum var. lydenburgense |
| PRECIS | FABACEAE | Trifolium pratense var. pratense |
| PRECIS | FABACEAE | Trifolium repens |
| PRECIS | FABACEAE | Trifolium sp. |
| PRECIS | FABACEAE | Trigonella hamosa |
| PRECIS | FABACEAE | Tylosema fassoglense |
| PRECIS | FABACEAE | Vicia sativa subsp. sativa |
| PRECIS (KZN) | FABACEAE | Vigna luteola var. luteola |
| Acocks | FABACEAE | Vigna marina |
| PRECIS (KZN) | FABACEAE | Vigna nervosa |
| PRECIS | FABACEAE | Vigna oblongifolia var. parviflora |
| PRECIS | FABACEAE | Vigna schlechteri |
| PRECIS | FABACEAE | Vigna sp. |
| PRECIS (KZN) | FABACEAE | Vigna unguiculata subsp. dekindtiana var. dekindtiana |
| PRECIS | FABACEAE | Vigna unguiculata subsp. dekindtiana var. huillensis |
| PRECIS (KZN) | FABACEAE | Vigna unguiculata subsp. protracta |
| PRECIS | FABACEAE | Vigna unguiculata subsp. stenophylla |
| PRECIS (KZN) | FABACEAE | Vigna unguiculata subsp. unguiculata |
| PRECIS | FABACEAE | Vigna unguiculata subsp. unguiculata var. unguiculata |
| PRECIS (KZN) | FABACEAE | Vigna vexillata var. angustifolia |
| PRECIS | FABACEAE | Vigna vexillata var. davyi |
| PRECIS | FABACEAE | Vigna vexillata var. ovata |
| PRECIS (KZN) | FABACEAE | Vigna vexillata var. vexillata |
| PRECIS | FABACEAE | Zornia capensis subsp. capensis |
| PRECIS | FABACEAE | Zornia linearis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | FABACEAE | Zornia milneana |
| PRECIS | FABACEAE | Zornia sp. |
| PRECIS | FABRONIACEAE | Dimerodontium africanum |
| PRECIS | FABRONIACEAE | Fabronia gueinzii |
| PRECIS | FABRONIACEAE | Fabronia pilifera |
| PRECIS | FABRONIACEAE | Levierella neckeroides |
| PRECIS | FISSIDENTACEAE | Fissidens aciphyllus |
| PRECIS | FISSIDENTACEAE | Fissidens asplenioides |
| PRECIS | FISSIDENTACEAE | Fissidens borgenii |
| PRECIS | FISSIDENTACEAE | Fissidens bryoides |
| PRECIS | FISSIDENTACEAE | Fissidens curvatus var. curvatus |
| PRECIS | FISSIDENTACEAE | Fissidens erosulus |
| PRECIS | FISSIDENTACEAE | Fissidens glaucescens |
| PRECIS | FISSIDENTACEAE | Fissidens ovatus |
| PRECIS | FISSIDENTACEAE | Fissidens porrectus |
| PRECIS | FISSIDENTACEAE | Fissidens pseudoserratus |
| PRECIS | FISSIDENTACEAE | Fissidens submarginatus |
| PRECIS | FISSIDENTACEAE | Fissidens usambaricus |
| PRECIS | FISSIDENTACEAE | Fissidens wageri |
| PRECIS (KZN) | FLACOURTIACEAE | Casearia sp. |
| Gardens (KBG) | FLACOURTIACEAE | Dovyalis longispina |
| PRECIS (KZN) | FLACOURTIACEAE | Dovyalis zeyheri |
| PRECIS | FLACOURTIACEAE | Gerrardina foliosa |
| Gardens (KBG) | FLACOURTIACEAE | Pseudoscolopia polyantha |
| Gardens (KBG) | FLACOURTIACEAE | Scolopia sp. |
| Acocks | FLAGELLARIACEAE | Flagellaria guineensis |
| PRECIS | FOSSOMBRONIACEAE | Fossombronia crispa |
| PRECIS | FUMARIACEAE | Cysticapnos pruinosa |
| PRECIS | FUNARIACEAE | Funaria hygrometrica |
| PRECIS | FUNARIACEAE | Funaria limbata |
| PRECIS | FUNARIACEAE | Funaria rhomboidea |
| PRECIS | FUNARIACEAE | Funaria sp. |
| PRECIS | FUNARIACEAE | Funaria succuleata |
| PRECIS (KZN) | GENTIANACEAE | Chironia baccifera |
| PRECIS (KZN) | GENTIANACEAE | Chironia krebsii |
| PRECIS | GENTIANACEAE | Chironia palustris subsp. palustris |
| PRECIS | GENTIANACEAE | Chironia palustris subsp. rosacea |
| PRECIS | GENTIANACEAE | Chironia palustris subsp. transvaalensis |
| PRECIS | GENTIANACEAE | Chironia purpurascens subsp. humilis |
| PRECIS (KZN) | GENTIANACEAE | Chironia purpurascens subsp. purpurascens |
| Gardens (PRE) | GENTIANACEAE | Chironia sp. |
| PRECIS | GENTIANACEAE | Enicostema axillare subsp. axillare |
| PRECIS | GENTIANACEAE | Sebaea bojeri |
| PRECIS | GENTIANACEAE | Sebaea erosa |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | GENTIANACEAE | Sebaea grandis |
| PRECIS | GENTIANACEAE | Sebaea leiostyla |
| PRECIS (KZN) | GENTIANACEAE | Sebaea longicaulis |
| PRECIS | GENTIANACEAE | Sebaea macrophylla |
| PRECIS | GENTIANACEAE | Sebaea natalensis |
| PRECIS (KZN) | GENTIANACEAE | Sebaea rehmannii |
| Acocks | GENTIANACEAE | Sebaea repens |
| PRECIS (KZN) | GENTIANACEAE | Sebaea sedoides |
| PRECIS (KZN) | GENTIANACEAE | Sebaea sedoides var. confertiflora |
| PRECIS (KZN) | GENTIANACEAE | Sebaea sedoides var. schoenlandii |
| PRECIS | GENTIANACEAE | Sebaea sedoides var. sedoides |
| PRECIS | GENTIANACEAE | Sebaea thomasii |
| PRECIS | GENTIANACEAE | Swertia welwitschii |
| PRECIS | GEOCALYCACEAE | Chiloscyphus muricatus |
| PRECIS | GEOCALYCACEAE | Clasmatocolea vermicularis |
| PRECIS | GEOCALYCACEAE | Leptoscyphus diversifolius |
| PRECIS | GEOCALYCACEAE | Leptoscyphus iversenii |
| PRECIS | GEOCALYCACEAE | Lophocolea difformis |
| PRECIS | GEOCALYCACEAE | Lophocolea lucida |
| PRECIS | GEOCALYCACEAE | Lophocolea martiana |
| PRECIS | GERANIACEAE | Erodium cicutarium |
| PRECIS | GERANIACEAE | Geranium amatolicum |
| PRECIS | GERANIACEAE | Geranium caffrum |
| PRECIS (KZN) | GERANIACEAE | Geranium flanaganii |
| PRECIS | GERANIACEAE | Geranium multisectum |
| Acocks | GERANIACEAE | Geranium ornithopodioides |
| PRECIS | GERANIACEAE | Geranium ornithopodon |
| PRECIS | GERANIACEAE | Geranium robustum |
| PRECIS | GERANIACEAE | Geranium schlechteri |
| Gardens (PRE) | GERANIACEAE | Geranium sp. |
| PRECIS | GERANIACEAE | Geranium wakkerstroomianum |
| PRECIS | GERANIACEAE | Monsonia angustifolia |
| PRECIS | GERANIACEAE | Monsonia attenuata |
| PRECIS | GERANIACEAE | Monsonia brevirostrata |
| PRECIS | GERANIACEAE | Monsonia glauca |
| PRECIS | GERANIACEAE | Monsonia natalensis |
| PRECIS (KZN) | GERANIACEAE | Monsonia praemorsa |
| PRECIS | GERANIACEAE | Pelargonium acraeum |
| PRECIS | GERANIACEAE | Pelargonium alchemilloides |
| PRECIS (KZN) | GERANIACEAE | Pelargonium anceps |
| Acocks | GERANIACEAE | Pelargonium bowkeri |
| PRECIS (KZN) | GERANIACEAE | Pelargonium capitatum |
| PRECIS | GERANIACEAE | Pelargonium flabellifolium |
| PRECIS | GERANIACEAE | Pelargonium fumariifolium |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | GERANIACEAE | Pelargonium grossularioides |
| Acocks | GERANIACEAE | Pelargonium luridum |
| PRECIS | GERANIACEAE | Pelargonium minimum |
| PRECIS | GERANIACEAE | Pelargonium mutans |
| PRECIS | GERANIACEAE | Pelargonium pseudofumarioides |
| PRECIS (KZN) | GERANIACEAE | Pelargonium pulverulentum |
| PRECIS | GERANIACEAE | Pelargonium schlechteri |
| PRECIS | GERANIACEAE | Pelargonium sidoides |
| Gardens (PRE) | GERANIACEAE | Pelargonium sp. |
| PRECIS | GERANIACEAE | Pelargonium tabulare |
| Acocks | GERANIACEAE | Pelargonium zonale |
| Gardens (PRE) | GESNERIACEAE | Streptocarpus candidus |
| PRECIS | GESNERIACEAE | Streptocarpus confusus subsp. confusus |
| PRECIS | GESNERIACEAE | Streptocarpus cooksonii |
| PRECIS | GESNERIACEAE | Streptocarpus cooperi |
| PRECIS | GESNERIACEAE | Streptocarpus daviesii |
| PRECIS | GESNERIACEAE | Streptocarpus grandis subsp. grandis |
| PRECIS | GESNERIACEAE | Streptocarpus haygarthii |
| PRECIS | GESNERIACEAE | Streptocarpus kunhardtii |
| PRECIS | GESNERIACEAE | Streptocarpus molweniensis subsp. eshowicus |
| PRECIS | GESNERIACEAE | Streptocarpus pentherianus |
| PRECIS | GESNERIACEAE | Streptocarpus polyanthus subsp. comptonii |
| PRECIS | GESNERIACEAE | Streptocarpus polyanthus subsp. polyanthus |
| PRECIS | GESNERIACEAE | Streptocarpus polyanthus subsp. verecundus |
| PRECIS | GESNERIACEAE | Streptocarpus pusillus |
| Gardens (KBG) | GESNERIACEAE | Streptocarpus sp. |
| Gardens (KBG) | GESNERIACEAE | Streptocarpus wendlandii |
| PRECIS | GISEKIACEAE | Gisekia africana var. cymosa |
| PRECIS | GLEICHENIACEAE | Dicranopteris linearis |
| PRECIS (KZN) | GLEICHENIACEAE | Dicranopteris linearis var. linearis |
| PRECIS (KZN) | GLEICHENIACEAE | Gleichenia polypodioides |
| PRECIS (KZN) | GLEICHENIACEAE | Gleichenia umbraculifera |
| PRECIS | GOODENIACEAE | Scaevola plumieri |
| PRECIS | GRAMMITIDACEAE | Grammitis sp. |
| PRECIS | GRAPHIDACEAE | Graphis scripta var. scripta |
| PRECIS | GREYIACEAE | Greyia radlkoferi |
| Acocks | GREYIACEAE | Greyia sutherlandii |
| Acocks | GUNNERACEAE | Gunnera perpensa |
| PRECIS | HAEMATOMMATACEAE | Haematomma persoonii |
| PRECIS | HALORAGACEAE | Laurembergia repens subsp. brachypoda |
| Acocks | HAMAMELIDACEAE | Trichocladus crinitus |
| PRECIS | HAMAMELIDACEAE | Trichocladus grandiflorus |
| PRECIS | HEDWIGIACEAE | Braunia secunda |
| Acocks | HETEROPYXIDACEAE | Heteropyxis natalensis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | HYACINTHACEAE | Albuca abyssinica |
| PRECIS | HYACINTHACEAE | Albuca affinis |
| PRECIS | HYACINTHACEAE | Albuca baurii |
| PRECIS (KZN) | HYACINTHACEAE | Albuca fastigiata |
| PRECIS | HYACINTHACEAE | Albuca fastigiata var. fastigiata |
| PRECIS | HYACINTHACEAE | Albuca humilis |
| PRECIS | HYACINTHACEAE | Albuca juncifolia subsp. juncifolia |
| PRECIS | HYACINTHACEAE | Albuca pachychlamys |
| PRECIS (KZN) | HYACINTHACEAE | Albuca polyphylla |
| PRECIS (KZN) | HYACINTHACEAE | Albuca setosa |
| PRECIS (KZN) | HYACINTHACEAE | Albuca shawii |
| PRECIS | HYACINTHACEAE | Albuca sp. |
| PRECIS | HYACINTHACEAE | Albuca tortuosa |
| PRECIS | HYACINTHACEAE | Dipcadi brevifolium |
| PRECIS | HYACINTHACEAE | Dipcadi gracillimum |
| PRECIS (KZN) | HYACINTHACEAE | Dipcadi marlothii |
| PRECIS | HYACINTHACEAE | Dipcadi sp. |
| PRECIS (KZN) | HYACINTHACEAE | Dipcadi viride |
| PRECIS (KZN) | HYACINTHACEAE | Drimia altissima |
| PRECIS (KZN) | HYACINTHACEAE | Drimia calcarata |
| PRECIS | HYACINTHACEAE | Drimia delagoensis |
| PRECIS (KZN) | HYACINTHACEAE | Drimia depressa |
| PRECIS | HYACINTHACEAE | Drimia elata |
| Gardens (KBG) | HYACINTHACEAE | Drimia intricata |
| PRECIS | HYACINTHACEAE | Drimia kniphofioides |
| PRECIS | HYACINTHACEAE | Drimia macrocentra |
| PRECIS (KZN) | HYACINTHACEAE | Drimia multisetosa |
| PRECIS | HYACINTHACEAE | Drimia sp. |
| PRECIS | HYACINTHACEAE | Drimia sphaerocephala |
| PRECIS | HYACINTHACEAE | Drimia uniflora |
| PRECIS | HYACINTHACEAE | Drimiopsis atropurpurea |
| PRECIS (KZN) | HYACINTHACEAE | Drimiopsis burkei subsp. burkei |
| PRECIS (KZN) | HYACINTHACEAE | Drimiopsis lachenalioides |
| PRECIS (KZN) | HYACINTHACEAE | Drimiopsis maculata |
| PRECIS (KZN) | HYACINTHACEAE | Drimiopsis maxima |
| Gardens (PRE) | HYACINTHACEAE | Drimiopsis sp. |
| PRECIS | HYACINTHACEAE | Eucomis autumnalis subsp. autumnalis |
| PRECIS (KZN) | HYACINTHACEAE | Eucomis autumnalis subsp. clavata |
| PRECIS | HYACINTHACEAE | Eucomis bicolor |
| PRECIS | HYACINTHACEAE | Eucomis humilis |
| PRECIS | HYACINTHACEAE | Eucomis montana |
| PRECIS | HYACINTHACEAE | Eucomis pallidiflora subsp. pallidiflora |
| PRECIS (KZN) | HYACINTHACEAE | Eucomis pole-evansii |
| Gardens (PRE) | HYACINTHACEAE | Eucomis sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | HYACINTHACEAE | Galtonia candicans |
| PRECIS (KZN) | HYACINTHACEAE | Ledebouria apertiflora |
| PRECIS | HYACINTHACEAE | Ledebouria cooperi |
| PRECIS | HYACINTHACEAE | Ledebouria floribunda |
| Acocks | HYACINTHACEAE | Ledebouria graminifolia |
| PRECIS | HYACINTHACEAE | Ledebouria marginata |
| MSB | HYACINTHACEAE | Ledebouria ovalifolia |
| PRECIS | HYACINTHACEAE | Ledebouria ovatifolia |
| PRECIS (KZN) | HYACINTHACEAE | Ledebouria revoluta |
| PRECIS | HYACINTHACEAE | Ledebouria sandersonii |
| PRECIS | HYACINTHACEAE | Ledebouria sp. |
| Gardens (KBG) | HYACINTHACEAE | Ledebouria sp. 'Ngoye' |
| PRECIS (KZN) | HYACINTHACEAE | Merwilla natalensis |
| PRECIS (KZN) | HYACINTHACEAE | Merwilla plumbea |
| PRECIS | HYACINTHACEAE | Ornithogalum flexuosum |
| PRECIS (KZN) | HYACINTHACEAE | Ornithogalum flexuousum |
| PRECIS | HYACINTHACEAE | Ornithogalum graminifolium |
| Gardens (KBG) | HYACINTHACEAE | Ornithogalum longibracteatum |
| PRECIS | HYACINTHACEAE | Ornithogalum monophyllum subsp. monophyllum |
| PRECIS | HYACINTHACEAE | Ornithogalum paludosum |
| PRECIS (KZN) | HYACINTHACEAE | Ornithogalum saundersiae |
| PRECIS | HYACINTHACEAE | Ornithogalum sp. |
| PRECIS (KZN) | HYACINTHACEAE | Ornithogalum tenuifolium subsp. tenuifolium |
| PRECIS | HYACINTHACEAE | Resnova humifusa |
| PRECIS | HYACINTHACEAE | Resnova lachenalioides |
| PRECIS (KZN) | HYACINTHACEAE | Resnova maxima |
| PRECIS (KZN) | HYACINTHACEAE | Resnova pilosa |
| PRECIS (KZN) | HYACINTHACEAE | Schizocarphus natalensis |
| PRECIS (KZN) | HYACINTHACEAE | Schizocarphus nervosus |
| Gardens (PRE) | HYACINTHACEAE | Scilla natalensis |
| PRECIS (KZN) | HYACINTHACEAE | Scilla nervosa |
| PRECIS (KZN) | HYACINTHACEAE | Scilla sp. |
| PRECIS (KZN) | HYACINTHACEAE | Urginea delagoensis |
| PRECIS (KZN) | HYACINTHACEAE | Urginea epigea |
| PRECIS (KZN) | HYACINTHACEAE | Urginea kniphofioides |
| PRECIS | HYACINTHACEAE | Urginea sp. |
| PRECIS | HYDROCHARITACEAE | Lagarosiphon major |
| PRECIS | HYDROCHARITACEAE | Lagarosiphon muscoides |
| PRECIS | HYDROCHARITACEAE | Lagarosiphon verticillifolius |
| PRECIS | HYMENOPHYLLACEAE | Cephalomanes rigidum |
| PRECIS | HYMENOPHYLLACEAE | Crepidomanes melanotrichum |
| PRECIS | HYMENOPHYLLACEAE | Didymoglossum reptans |
| PRECIS | HYMENOPHYLLACEAE | Hymenophyllum capense |
| PRECIS | HYMENOPHYLLACEAE | Hymenophyllum tunbridgense |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | HYMENOPHYLLACEAE | Trichomanes erosum var. aerugineum |
| PRECIS (KZN) | HYMENOPHYLLACEAE | Trichomanes reptans |
| PRECIS | HYMENOPHYLLACEAE | Trichomanes sp. |
| PRECIS (KZN) | HYPERICACEAE | Hypericum aethiopicum subsp. aethiopicum |
| Acocks | HYPERICACEAE | Hypericum aethiopicum subsp. sonderi |
| PRECIS | HYPERICACEAE | Hypericum lalandii |
| PRECIS | HYPERICACEAE | Hypericum natalense |
| PRECIS | HYPERICACEAE | Hypericum revolutum subsp. revolutum |
| Gardens (PRE) | HYPERICACEAE | Hypericum sp. |
| PRECIS | HYPNACEAE | Ectropothecium regulare |
| PRECIS | HYPNACEAE | Hypnum cupressiforme var. cupressiforme |
| PRECIS | HYPNACEAE | Isopterygium leucophanes |
| PRECIS | HYPNACEAE | Isopterygium punctulatum |
| PRECIS | HYPNACEAE | Isopterygium taxithellioides |
| PRECIS | HYPNACEAE | Isopterygium tenerum |
| PRECIS | HYPNACEAE | Mittenothamnium cygnicollum |
| PRECIS | HYPNACEAE | Mittenothamnium horridulum |
| PRECIS | HYPNACEAE | Mittenothamnium patens |
| PRECIS | HYPNACEAE | Mittenothamnium sp. |
| PRECIS | HYPNACEAE | Vesicularia galerulata |
| PRECIS | HYPOPTERYGIACEAE | Hypopterygium tamarisci |
| PRECIS | HYPOPTERYGIACEAE | Lopidium struthiopteris |
| PRECIS (KZN) | HYPOXIDACEAE | Empodium elongatum |
| PRECIS | HYPOXIDACEAE | Empodium monophyllum |
| PRECIS | HYPOXIDACEAE | Hypoxis acuminata |
| PRECIS (KZN) | HYPOXIDACEAE | Hypoxis angustifolia var. angustifolia |
| PRECIS | HYPOXIDACEAE | Hypoxis angustifolia var. buchananii |
| Acocks | HYPOXIDACEAE | Hypoxis argentea var. argentea |
| Acocks | HYPOXIDACEAE | Hypoxis argentea var. sericea |
| PRECIS | HYPOXIDACEAE | Hypoxis colchicifolia |
| PRECIS | HYPOXIDACEAE | Hypoxis costata |
| Acocks | HYPOXIDACEAE | Hypoxis filiformis |
| PRECIS | HYPOXIDACEAE | Hypoxis galpinii |
| Acocks | HYPOXIDACEAE | Hypoxis gerrardii |
| Acocks | HYPOXIDACEAE | Hypoxis hemerocallidea |
| PRECIS (KZN) | HYPOXIDACEAE | Hypoxis iridifolia |
| PRECIS | HYPOXIDACEAE | Hypoxis kraussiana |
| PRECIS | HYPOXIDACEAE | Hypoxis membranacea |
| PRECIS (KZN) | HYPOXIDACEAE | Hypoxis multiceps |
| PRECIS (KZN) | HYPOXIDACEAE | Hypoxis obtusa |
| PRECIS | HYPOXIDACEAE | Hypoxis parvula var. parvula |
| PRECIS (KZN) | HYPOXIDACEAE | Hypoxis rigidula var. pilosissima |
| PRECIS (KZN) | HYPOXIDACEAE | Hypoxis rigidula var. rigidula |
| PRECIS (KZN) | HYPOXIDACEAE | Hypoxis sobolifera |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | HYPOXIDACEAE | Hypoxis sp. |
| PRECIS | HYPOXIDACEAE | Hypoxis tetramera |
| PRECIS | HYPOXIDACEAE | Hypoxis villosa var. obliqua |
| PRECIS | HYPOXIDACEAE | Rhodohypoxis baurii var. baurii |
| PRECIS | HYPOXIDACEAE | Rhodohypoxis baurii var. confecta |
| PRECIS (KZN) | HYPOXIDACEAE | Rhodohypoxis baurii var. platypetala |
| PRECIS | HYPOXIDACEAE | Rhodohypoxis milloides |
| PRECIS | ICACINACEAE | Apodytes dimidiata subsp. dimidiata |
| Acocks | ICACINACEAE | Cassinopsis ilicifolia |
| PRECIS | ICACINACEAE | Cassinopsis tinifolia |
| Acocks | ICACINACEAE | Pyrenacantha grandiflora |
| PRECIS | ICACINACEAE | Pyrenacantha scandens |
| PRECIS | IRIDACEAE | Aristea abyssinica |
| PRECIS | IRIDACEAE | Aristea angolensis subsp. angolensis |
| PRECIS | IRIDACEAE | Aristea ecklonii |
| PRECIS (KZN) | IRIDACEAE | Aristea gerrardii |
| MSB | IRIDACEAE | Aristea montana |
| PRECIS | IRIDACEAE | Aristea schizolaena |
| PRECIS | IRIDACEAE | Aristea torulosa |
| PRECIS (KZN) | IRIDACEAE | Aristea woodii |
| PRECIS | IRIDACEAE | Crocosmia aurea subsp. aurea |
| PRECIS (KZN) | IRIDACEAE | Crocosmia aurea var. aurea |
| PRECIS (KZN) | IRIDACEAE | Crocosmia paniculata |
| PRECIS | IRIDACEAE | Crocosmia pottsii |
| PRECIS (KZN) | IRIDACEAE | Dierama argyreum |
| PRECIS | IRIDACEAE | Dierama cooperi |
| PRECIS | IRIDACEAE | Dierama dubium |
| PRECIS | IRIDACEAE | Dierama erectum |
| PRECIS | IRIDACEAE | Dierama floriferum |
| PRECIS (KZN) | IRIDACEAE | Dierama galpinii |
| PRECIS | IRIDACEAE | Dierama igneum |
| PRECIS | IRIDACEAE | Dierama insigne |
| PRECIS | IRIDACEAE | Dierama latifolium |
| PRECIS | IRIDACEAE | Dierama medium |
| PRECIS | IRIDACEAE | Dierama mossii |
| PRECIS | IRIDACEAE | Dierama pauciflorum |
| PRECIS | IRIDACEAE | Dierama sertum |
| PRECIS (KZN) | IRIDACEAE | Dierama sp. |
| PRECIS (KZN) | IRIDACEAE | Dierama trichorhizum |
| PRECIS | IRIDACEAE | Dierama tyrium |
| PRECIS | IRIDACEAE | Dietes butcheriana |
| PRECIS (KZN) | IRIDACEAE | Dietes flavida |
| PRECIS (KZN) | IRIDACEAE | Dietes grandiflora |
| Acocks | IRIDACEAE | Dietes iridioides |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Gardens (PRE) | IRIDACEAE | Dietes sp. |
| PRECIS (KZN) | IRIDACEAE | Freesia grandiflora |
| PRECIS (KZN) | IRIDACEAE | Freesia laxa subsp. azurea |
| PRECIS (KZN) | IRIDACEAE | Freesia laxa subsp. laxa |
| PRECIS (KZN) | IRIDACEAE | Gladiolus appendiculatus |
| PRECIS | IRIDACEAE | Gladiolus aurantiacus |
| PRECIS | IRIDACEAE | Gladiolus crassifolius |
| PRECIS (KZN) | IRIDACEAE | Gladiolus dalenii subsp. dalenii |
| PRECIS (KZN) | IRIDACEAE | Gladiolus densiflorus |
| PRECIS | IRIDACEAE | Gladiolus ecklonii |
| Acocks | IRIDACEAE | Gladiolus hirsutus |
| PRECIS (KZN) | IRIDACEAE | Gladiolus inandensis |
| PRECIS (KZN) | IRIDACEAE | Gladiolus longicollis subsp. longicollis |
| PRECIS | IRIDACEAE | Gladiolus longicollis subsp. platypetalus |
| PRECIS (KZN) | IRIDACEAE | Gladiolus longicollis var. platypetalus |
| PRECIS (KZN) | IRIDACEAE | Gladiolus malvinus |
| PRECIS (KZN) | IRIDACEAE | Gladiolus paludosus |
| MSB | IRIDACEAE | Gladiolus papilio |
| PRECIS (KZN) | IRIDACEAE | Gladiolus permeabilis subsp. edulis |
| PRECIS (KZN) | IRIDACEAE | Gladiolus pubigerus |
| PRECIS (KZN) | IRIDACEAE | Gladiolus scabridus |
| PRECIS | IRIDACEAE | Gladiolus sericeovillosus subsp. sericeovillosus |
| Gardens (PRE) | IRIDACEAE | Gladiolus sp. |
| PRECIS | IRIDACEAE | Gladiolus vernus |
| PRECIS | IRIDACEAE | Gladiolus woodii |
| PRECIS (KZN) | IRIDACEAE | Hesperantha baurii subsp. baurii |
| PRECIS (KZN) | IRIDACEAE | Hesperantha candida |
| PRECIS (KZN) | IRIDACEAE | Hesperantha coccinea |
| PRECIS | IRIDACEAE | Hesperantha hygrophila |
| PRECIS | IRIDACEAE | Hesperantha inconspicua |
| PRECIS | IRIDACEAE | Hesperantha leucantha |
| PRECIS | IRIDACEAE | Hesperantha pulchra |
| PRECIS (KZN) | IRIDACEAE | Hesperantha radiata |
| PRECIS | IRIDACEAE | Hesperantha sp. |
| PRECIS (KZN) | IRIDACEAE | Hesperantha tysonii |
| PRECIS | IRIDACEAE | Moraea ardesiaca |
| PRECIS | IRIDACEAE | Moraea brevistyla |
| PRECIS | IRIDACEAE | Moraea elliotii |
| PRECIS | IRIDACEAE | Moraea graminicola subsp. graminicola |
| PRECIS | IRIDACEAE | Moraea huttonii |
| PRECIS | IRIDACEAE | Moraea inclinata |
| PRECIS | IRIDACEAE | Moraea marionae |
| PRECIS | IRIDACEAE | Moraea modesta |
| PRECIS | IRIDACEAE | Moraea moggii subsp. albescens |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | IRIDACEAE | Moraea muddii |
| PRECIS | IRIDACEAE | Moraea natalensis |
| PRECIS (KZN) | IRIDACEAE | Moraea pallida |
| PRECIS | IRIDACEAE | Moraea pubiflora |
| PRECIS | IRIDACEAE | Moraea robusta |
| PRECIS | IRIDACEAE | Moraea sp. |
| PRECIS | IRIDACEAE | Moraea spathulata |
| PRECIS (KZN) | IRIDACEAE | Moraea stricta |
| PRECIS | IRIDACEAE | Moraea trifida |
| PRECIS | IRIDACEAE | Romulea camerooniana |
| PRECIS | IRIDACEAE | Schizostylis coccinea |
| PRECIS | IRIDACEAE | Tritonia disticha subsp. rubrolucens |
| PRECIS | IRIDACEAE | Tritonia gladiolaris |
| PRECIS (KZN) | IRIDACEAE | Tritonia lineata var. lineata |
| Acocks | IRIDACEAE | Tritonia securigera |
| PRECIS (KZN) | IRIDACEAE | Tritonia sp. |
| PRECIS (KZN) | IRIDACEAE | Watsonia confusa |
| PRECIS | IRIDACEAE | Watsonia densiflora |
| PRECIS | IRIDACEAE | Watsonia latifolia |
| PRECIS (KZN) | IRIDACEAE | Watsonia lepida |
| PRECIS (KZN) | IRIDACEAE | Watsonia meriana var. bulbillifera |
| PRECIS | IRIDACEAE | Watsonia pulchra |
| Gardens (PRE) | IRIDACEAE | Watsonia sp. |
| PRECIS | IRIDACEAE | Watsonia watsonioides |
| PRECIS | JUBULACEAE | Frullania ericoides |
| PRECIS | JUBULACEAE | Frullania obscurifolia |
| PRECIS | JUBULACEAE | Frullania socotrana |
| PRECIS (KZN) | JUNCACEAE | Juncus dregeanus |
| Acocks | JUNCACEAE | Juncus dregeanus subsp. dregeanus |
| PRECIS | JUNCACEAE | Juncus effusus |
| PRECIS | JUNCACEAE | Juncus exsertus |
| PRECIS (KZN) | JUNCACEAE | Juncus exsertus subsp. exsertus |
| PRECIS | JUNCACEAE | Juncus kraussii subsp. kraussii |
| PRECIS (KZN) | JUNCACEAE | Juncus lomatophyllus |
| PRECIS (KZN) | JUNCACEAE | Juncus oxycarpus |
| PRECIS | JUNCACEAE | Juncus punctorius |
| PRECIS | JUNCAGINACEAE | Triglochin bulbosa |
| PRECIS | JUNCAGINACEAE | Triglochin striata |
| PRECIS | JUNGERMANNIACEAE | Notoscyphus belangerianus |
| PRECIS | LAMIACEAE | Acrotome hispida |
| PRECIS | LAMIACEAE | Acrotome thorncroftii |
| PRECIS | LAMIACEAE | Aeollanthus buchnerianus |
| PRECIS (KZN) | LAMIACEAE | Aeollanthus parvifolius |
| PRECIS | LAMIACEAE | Aeollanthus rehmannii |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | LAMIACEAE | Ajuga ophrydis |
| Gardens (PRE) | LAMIACEAE | Ajuga sp. |
| Acocks | LAMIACEAE | Becium filamentosum |
| Acocks | LAMIACEAE | Clerodendrum glabrum |
| PRECIS (KZN) | LAMIACEAE | Clerodendrum glabrum var. angustifolium |
| PRECIS (KZN) | LAMIACEAE | Clerodendrum glabrum var. glabrum |
| PRECIS (KZN) | LAMIACEAE | Clerodendrum myricoides |
| PRECIS (KZN) | LAMIACEAE | Clerodendrum pearsonii |
| Acocks | LAMIACEAE | Clerodendrum suffruticosum var. natalense |
| Acocks | LAMIACEAE | Endostemon obtusifolius |
| PRECIS (KZN) | LAMIACEAE | Hemizygia cinerea |
| Acocks | LAMIACEAE | Hemizygia elliottii |
| Acocks | LAMIACEAE | Hemizygia pretoriae subsp. heterotricha |
| PRECIS (KZN) | LAMIACEAE | Hemizygia pretoriae subsp. pretoriae |
| Gardens (PRE) | LAMIACEAE | Hemizygia sp. |
| PRECIS (KZN) | LAMIACEAE | Hemizygia teucriifolia |
| MSB | LAMIACEAE | Hoslundia opposita |
| PRECIS | LAMIACEAE | Hyptis pectinata |
| PRECIS | LAMIACEAE | Karomia speciosa forma speciosa |
| PRECIS (KZN) | LAMIACEAE | Leonotis intermedia |
| PRECIS | LAMIACEAE | Leonotis leonurus |
| PRECIS (KZN) | LAMIACEAE | Leonotis ocymifolia |
| PRECIS | LAMIACEAE | Leonotis ocymifolia var. raineriana |
| PRECIS | LAMIACEAE | Leucas capensis |
| PRECIS | LAMIACEAE | Leucas glabrata var. glabrata |
| MSB | LAMIACEAE | Leucas lavandulifolia |
| PRECIS | LAMIACEAE | Leucas martinicensis |
| PRECIS | LAMIACEAE | Leucas neuflizeana |
| PRECIS | LAMIACEAE | Mentha aquatica |
| MSB | LAMIACEAE | Mentha longifolia subsp. polyadena |
| PRECIS | LAMIACEAE | Ocimum americanum var. americanum |
| PRECIS | LAMIACEAE | Ocimum angustifolium |
| PRECIS | LAMIACEAE | Ocimum filamentosum |
| PRECIS | LAMIACEAE | Ocimum gratissimum subsp. gratissimum var. gratissimum |
| PRECIS | LAMIACEAE | Ocimum labiatum |
| PRECIS | LAMIACEAE | Ocimum natalense |
| PRECIS | LAMIACEAE | Ocimum obovatum subsp. obovatum var. galpinii |
| PRECIS | LAMIACEAE | Ocimum obovatum subsp. obovatum var. obovatum |
| PRECIS | LAMIACEAE | Ocimum serratum |
| PRECIS | LAMIACEAE | Orthosiphon suffrutescens |
| Gardens (KBG) | LAMIACEAE | Plectranthus ambiguus |
| PRECIS | LAMIACEAE | Plectranthus ciliatus |
| PRECIS | LAMIACEAE | Plectranthus cylindraceus |
| PRECIS | LAMIACEAE | Plectranthus dolichopodus |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | LAMIACEAE | Plectranthus ecklonii |
| PRECIS (KZN) | LAMIACEAE | Plectranthus elegantulus |
| PRECIS | LAMIACEAE | Plectranthus esculentus |
| PRECIS | LAMIACEAE | Plectranthus fruticosus |
| Gardens (KBG) | LAMIACEAE | Plectranthus fruticosus 'Hlobane' |
| PRECIS | LAMIACEAE | Plectranthus grallatus |
| Acocks | LAMIACEAE | Plectranthus grandidentatus |
| Gardens (KBG) | LAMIACEAE | Plectranthus grandidentatus 'Hlobane' |
| PRECIS | LAMIACEAE | Plectranthus hadiensis var. hadiensis |
| PRECIS | LAMIACEAE | Plectranthus hadiensis var. tomentosus |
| PRECIS | LAMIACEAE | Plectranthus laxiflorus |
| Gardens (KBG) | LAMIACEAE | Plectranthus pentheri |
| Gardens (KBG) | LAMIACEAE | Plectranthus petiolaris |
| PRECIS | LAMIACEAE | Plectranthus rubropunctatus |
| Gardens (KBG) | LAMIACEAE | Plectranthus saccatus subsp. pondoensis x P. fruticosus |
| Gardens (KBG) | LAMIACEAE | Plectranthus saccatus subsp. pondoensis x P. zuluensis |
| PRECIS | LAMIACEAE | Plectranthus saccatus var. longitubus |
| Gardens (KBG) | LAMIACEAE | Plectranthus saccatus var. longitubus 'King Goodwill' |
| Gardens (KBG) | LAMIACEAE | Plectranthus saccatus var. longitubus 'Ngoye' |
| Gardens (KBG) | LAMIACEAE | Plectranthus saccatus var. longitubus 'Nkandla' |
| PRECIS | LAMIACEAE | Plectranthus saccatus var. saccatus |
| Gardens (KBG) | LAMIACEAE | Plectranthus saccatus var. saccatus 'Nkandla' |
| Gardens (PRE) | LAMIACEAE | Plectranthus sp. |
| PRECIS | LAMIACEAE | Plectranthus verticillatus |
| PRECIS | LAMIACEAE | Plectranthus zuluensis |
| PRECIS | LAMIACEAE | Premna mooiensis |
| PRECIS | LAMIACEAE | Prunella vulgaris |
| PRECIS | LAMIACEAE | Pycnostachys reticulata |
| PRECIS | LAMIACEAE | Rabdosiella calycina |
| PRECIS | LAMIACEAE | Rotheca hirsuta |
| PRECIS | LAMIACEAE | Rotheca myricoides |
| PRECIS | LAMIACEAE | Salvia coccinea |
| PRECIS | LAMIACEAE | Salvia radula |
| MSB | LAMIACEAE | Salvia reflexa |
| PRECIS | LAMIACEAE | Salvia repens var. repens |
| MSB | LAMIACEAE | Salvia runcinata |
| PRECIS (KZN) | LAMIACEAE | Salvia splendens |
| PRECIS | LAMIACEAE | Salvia stenophylla |
| MSB | LAMIACEAE | Salvia tiliifolia |
| PRECIS | LAMIACEAE | Salvia triangularis |
| PRECIS | LAMIACEAE | Scutellaria racemosa |
| PRECIS | LAMIACEAE | Solenostemon rotundifolius |
| PRECIS | LAMIACEAE | Stachys aethiopica |
| PRECIS | LAMIACEAE | Stachys albiflora |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | LAMIACEAE | Stachys caffra |
| PRECIS | LAMIACEAE | Stachys erectiuscula |
| PRECIS | LAMIACEAE | Stachys grandifolia |
| PRECIS | LAMIACEAE | Stachys hyssopoides |
| Acocks | LAMIACEAE | Stachys natalensis var. galpinii |
| PRECIS | LAMIACEAE | Stachys natalensis var. natalensis |
| PRECIS | LAMIACEAE | Stachys nigricans |
| MSB | LAMIACEAE | Stachys reticulata |
| PRECIS (KZN) | LAMIACEAE | Stachys rivularis |
| PRECIS | LAMIACEAE | Stachys sessilis |
| Gardens (KBG) | LAMIACEAE | Stachys tubulosa |
| Gardens (KBG) | LAMIACEAE | Stachys tysonii |
| PRECIS | LAMIACEAE | Syncolostemon argenteus |
| PRECIS | LAMIACEAE | Syncolostemon concinnus |
| PRECIS | LAMIACEAE | Syncolostemon densiflorus |
| PRECIS | LAMIACEAE | Syncolostemon foliosus |
| PRECIS | LAMIACEAE | Syncolostemon gerrardii |
| PRECIS (KZN) | LAMIACEAE | Syncolostemon macranthus |
| PRECIS | LAMIACEAE | Syncolostemon macrophyllus |
| PRECIS | LAMIACEAE | Syncolostemon modestus |
| PRECIS | LAMIACEAE | Syncolostemon parviflorus var. lanceolatus |
| PRECIS | LAMIACEAE | Syncolostemon parviflorus var. parviflorus |
| PRECIS | LAMIACEAE | Syncolostemon pretoriae |
| PRECIS | LAMIACEAE | Syncolostemon punctatus |
| PRECIS | LAMIACEAE | Syncolostemon sp. |
| PRECIS | LAMIACEAE | Syncolostemon teucriifolius |
| PRECIS | LAMIACEAE | Tetradenia riparia |
| PRECIS | LAMIACEAE | Teucrium kraussii |
| PRECIS | LAMIACEAE | Teucrium trifidum |
| PRECIS | LAMIACEAE | Thorncroftia longiflora |
| PRECIS (KZN) | LAMIACEAE | Thorncroftia sp. |
| PRECIS | LAMIACEAE | Vitex harveyana |
| PRECIS | LAMIACEAE | Vitex obovata subsp. obovata |
| PRECIS | LAMIACEAE | Vitex rehmannii |
| PRECIS | LAURACEAE | Cassytha filiformis |
| PRECIS (KZN) | LAURACEAE | Cryptocarya latifolia |
| PRECIS | LAURACEAE | Cryptocarya liebertiana |
| PRECIS | LAURACEAE | Cryptocarya myrtifolia |
| Acocks | LAURACEAE | Cryptocarya woodii |
| PRECIS | LAURACEAE | Cryptocarya wyliei |
| PRECIS | LAURACEAE | Dahlgrenodendron natalense |
| PRECIS (KZN) | LAURACEAE | Litsea glutinosa |
| PRECIS | LAURACEAE | Litsea sebifera |
| PRECIS | LAURACEAE | Ocotea kenyensis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | LECYTHIDACEAE | Barringtonia racemosa |
| PRECIS | LEJEUNEACEAE | Dicranolejeunea chrysophylla |
| PRECIS | LEJEUNEACEAE | Frullanoides tristis |
| PRECIS | LEJEUNEACEAE | Lejeunea caespitosa |
| PRECIS | LEJEUNEACEAE | Lejeunea flava |
| PRECIS | LEJEUNEACEAE | Lejeunea sp. |
| PRECIS | LEJEUNEACEAE | Microlejeunea africana |
| PRECIS | LEJEUNEACEAE | Phragmilejeunea molleri |
| PRECIS | LEJEUNEACEAE | Ptychanthus striatus |
| PRECIS | LEMNACEAE | Lemna aequinoctialis |
| PRECIS | LEMNACEAE | Lemna minor |
| PRECIS | LEMNACEAE | Spirodela punctata |
| PRECIS | LEMNACEAE | Wolffiella denticulata |
| PRECIS | LENTIBULARIACEAE | Utricularia australis |
| PRECIS | LENTIBULARIACEAE | Utricularia benjaminiana |
| PRECIS | LENTIBULARIACEAE | Utricularia firmula |
| PRECIS | LENTIBULARIACEAE | Utricularia gibba |
| PRECIS | LENTIBULARIACEAE | Utricularia inflexa |
| PRECIS | LENTIBULARIACEAE | Utricularia livida |
| PRECIS | LENTIBULARIACEAE | Utricularia prehensilis |
| PRECIS | LENTIBULARIACEAE | Utricularia sp. |
| PRECIS | LENTIBULARIACEAE | Utricularia stellaris |
| PRECIS | LEPIDOZIACEAE | Bazzania nitida |
| PRECIS | LEPTODONTACEAE | Leptodon smithii |
| PRECIS | LESKEACEAE | Lindbergia patentifolia |
| PRECIS | LESKEACEAE | Lindbergia viridis |
| PRECIS | LESKEACEAE | Pseudoleskea sp. |
| PRECIS | LESKEACEAE | Pseudoleskeopsis claviramea |
| PRECIS | LESKEACEAE | Pseudoleskeopsis sp. |
| PRECIS | LEUCOBRYACEAE | Leucobryum acutifolium |
| PRECIS | LEUCODONTACEAE | Pterogoniadelphus assimilis |
| PRECIS (KZN) | LINACEAE | Linum thunbergii |
| PRECIS | LINDSAEACEAE | Lindsaea ensifolia |
| PRECIS | LOBARIACEAE | Pseudocyphellaria crocata |
| PRECIS | LOBELIACEAE | Cyphia aspergilloides var. aspergilloides |
| PRECIS (KZN) | LOBELIACEAE | Cyphia elata var. elata |
| PRECIS | LOBELIACEAE | Cyphia elata var. glabra |
| PRECIS | LOBELIACEAE | Cyphia elata var. oblongifolia |
| PRECIS | LOBELIACEAE | Cyphia longifolia |
| PRECIS (KZN) | LOBELIACEAE | Cyphia sp. |
| PRECIS | LOBELIACEAE | Lobelia anceps |
| PRECIS | LOBELIACEAE | Lobelia angolensis |
| PRECIS | LOBELIACEAE | Lobelia cochlearifolia |
| Acocks | LOBELIACEAE | Lobelia dregeana |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | LOBELIACEAE | Lobelia erinus |
| PRECIS | LOBELIACEAE | Lobelia eurypoda var. eurypoda |
| PRECIS | LOBELIACEAE | Lobelia flaccida subsp. flaccida |
| PRECIS | LOBELIACEAE | Lobelia flaccida subsp. mossiana |
| PRECIS | LOBELIACEAE | Lobelia laxa |
| PRECIS | LOBELIACEAE | Lobelia malowensis |
| Acocks | LOBELIACEAE | Lobelia patula |
| PRECIS | LOBELIACEAE | Lobelia pteropoda |
| PRECIS | LOBELIACEAE | Lobelia vanreenensis |
| PRECIS | LOBELIACEAE | Monopsis belliflora |
| Acocks | LOBELIACEAE | Monopsis decipiens |
| PRECIS | LOBELIACEAE | Monopsis malvacea |
| PRECIS | LOBELIACEAE | Monopsis stellarioides subsp. stellarioides |
| PRECIS | LOMARIOPSIDACEAE | Acrostichum aureum |
| PRECIS (KZN) | LOMARIOPSIDACEAE | Elaphoglossum acrostichoides |
| PRECIS (KZN) | LOMARIOPSIDACEAE | Elaphoglossum aubertii |
| PRECIS | LORANTHACEAE | Actinanthella wyliei |
| PRECIS (KZN) | LORANTHACEAE | Agelanthus gracilis |
| PRECIS (KZN) | LORANTHACEAE | Agelanthus kraussianus |
| PRECIS | LORANTHACEAE | Agelanthus lugardii |
| PRECIS (KZN) | LORANTHACEAE | Agelanthus natalitius subsp. natalitius |
| PRECIS | LORANTHACEAE | Agelanthus natalitius subsp. zeyheri |
| PRECIS (KZN) | LORANTHACEAE | Agelanthus transvaalensis |
| PRECIS (KZN) | LORANTHACEAE | Erianthemum dregei |
| PRECIS | LORANTHACEAE | Erianthemum ngamicum |
| PRECIS | LORANTHACEAE | Helixanthera subcylindrica |
| PRECIS | LORANTHACEAE | Helixanthera woodii |
| PRECIS | LORANTHACEAE | Oncocalyx bolusii |
| PRECIS | LORANTHACEAE | Plicosepalus kalachariensis |
| PRECIS | LORANTHACEAE | Tapinanthus kraussianus subsp. kraussianus |
| PRECIS | LORANTHACEAE | Tapinanthus natalitius subsp. natalitius |
| PRECIS | LORANTHACEAE | Tapinanthus natalitius subsp. zeyheri |
| PRECIS | LORANTHACEAE | Tapinanthus rubromarginatus |
| PRECIS | LORANTHACEAE | Tapinanthus sp. |
| PRECIS | LYCOPODIACEAE | Huperzia dacrydioides |
| Acocks | LYCOPODIACEAE | Huperzia gnidioides |
| PRECIS (KZN) | LYCOPODIACEAE | Huperzia verticillata |
| PRECIS | LYCOPODIACEAE | Lycopodiella caroliniana |
| PRECIS (KZN) | LYCOPODIACEAE | Lycopodiella cernua |
| PRECIS (KZN) | LYCOPODIACEAE | Lycopodium cernuum |
| Acocks | LYCOPODIACEAE | Lycopodium clavatum |
| PRECIS (KZN) | LYCOPODIACEAE | Lycopodium sp. |
| PRECIS | LYGODIACEAE | Lygodium microphyllum |
| PRECIS (KZN) | LYGODIACEAE | Lygodium sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | LYTHRACEAE | Galpinia transvaalica |
| MSB | LYTHRACEAE | Heimia myrtifolia |
| PRECIS | LYTHRACEAE | Heimia sp. |
| PRECIS | LYTHRACEAE | Nesaea luederitzii var. luederitzii |
| PRECIS | LYTHRACEAE | Nesaea radicans var. floribunda |
| PRECIS | LYTHRACEAE | Nesaea sagittifolia var. ericiformis forma ericiformis |
| PRECIS | LYTHRACEAE | Nesaea sagittifolia var. ericiformis forma swaziensis |
| PRECIS | LYTHRACEAE | Nesaea sagittifolia var. sagittifolia |
| Acocks | LYTHRACEAE | Nesaea schinzii |
| PRECIS | LYTHRACEAE | Rotala capensis |
| PRECIS | MAESACEAE | Maesa alnifolia |
| Acocks | MAESACEAE | Maesa lanceolata |
| PRECIS (KZN) | MALPIGHIACEAE | Acridocarpus natalitius var. linearifolius |
| PRECIS | MALPIGHIACEAE | Acridocarpus natalitius var. natalitius |
| PRECIS | MALPIGHIACEAE | Sphedamnocarpus pruriens subsp. galphimiifolius |
| PRECIS (KZN) | MALPIGHIACEAE | Sphedamnocarpus pruriens subsp. pruriens |
| PRECIS | MALVACEAE | Abutilon austro-africanum |
| Acocks | MALVACEAE | Abutilon dinteri |
| Acocks | MALVACEAE | Abutilon sonneratianum |
| PRECIS | MALVACEAE | Cienfuegosia gerrardii |
| PRECIS | MALVACEAE | Cienfuegosia hildebrandtii |
| PRECIS | MALVACEAE | Cola greenwayi var. greenwayi |
| PRECIS | MALVACEAE | Cola natalensis |
| PRECIS | MALVACEAE | Corchorus asplenifolius |
| PRECIS | MALVACEAE | Corchorus confusus |
| PRECIS | MALVACEAE | Corchorus junodii |
| PRECIS | MALVACEAE | Corchorus sp. |
| Acocks | MALVACEAE | Dombeya burgessiae |
| Acocks | MALVACEAE | Dombeya cymosa |
| Acocks | MALVACEAE | Dombeya rotundifolia var. rotundifolia |
| PRECIS | MALVACEAE | Dombeya tiliacea |
| PRECIS | MALVACEAE | Gossypium herbaceum subsp. africanum |
| PRECIS | MALVACEAE | Grewia bicolor var. bicolor |
| PRECIS | MALVACEAE | Grewia caffra |
| PRECIS | MALVACEAE | Grewia flava |
| PRECIS | MALVACEAE | Grewia flavescens |
| Acocks | MALVACEAE | Grewia hispida |
| MSB | MALVACEAE | Grewia microthyrsa |
| PRECIS | MALVACEAE | Grewia monticola |
| Acocks | MALVACEAE | Grewia occidentalis var. occidentalis |
| PRECIS | MALVACEAE | Grewia subspathulata |
| PRECIS | MALVACEAE | Grewia villosa var. villosa |
| PRECIS | MALVACEAE | Hermannia auricoma |
| PRECIS | MALVACEAE | Hermannia cernua |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | MALVACEAE | Hermannia coccocarpa |
| PRECIS | MALVACEAE | Hermannia cordata |
| PRECIS | MALVACEAE | Hermannia cristata |
| PRECIS | MALVACEAE | Hermannia depressa |
| Acocks | MALVACEAE | Hermannia geniculata |
| Acocks | MALVACEAE | Hermannia glanduligera |
| PRECIS | MALVACEAE | Hermannia grandistipula |
| PRECIS | MALVACEAE | Hermannia jacobeifolia |
| PRECIS | MALVACEAE | Hermannia modesta |
| PRECIS | MALVACEAE | Hermannia oblongifolia |
| PRECIS | MALVACEAE | Hermannia sandersonii |
| PRECIS | MALVACEAE | Hermannia sp. |
| PRECIS | MALVACEAE | Hermannia transvaalensis |
| PRECIS | MALVACEAE | Hermannia x staurostemon K.Schum. |
| PRECIS | MALVACEAE | Hibiscus aethiopicus L. var. aethiopicus x H. aethiopicus L. var. ovatus Harv. |
| PRECIS | MALVACEAE | Hibiscus aethiopicus var. ovatus |
| PRECIS | MALVACEAE | Hibiscus barbosae |
| PRECIS | MALVACEAE | Hibiscus calyphyllus |
| PRECIS | MALVACEAE | Hibiscus cannabinus |
| PRECIS | MALVACEAE | Hibiscus diversifolius subsp. diversifolius |
| PRECIS | MALVACEAE | Hibiscus dongolensis |
| PRECIS | MALVACEAE | Hibiscus engleri |
| PRECIS | MALVACEAE | Hibiscus fuscus |
| PRECIS | MALVACEAE | Hibiscus micranthus var. micranthus |
| PRECIS (KZN) | MALVACEAE | Hibiscus microcarpus |
| PRECIS | MALVACEAE | Hibiscus nigricaulis |
| PRECIS | MALVACEAE | Hibiscus pedunculatus |
| PRECIS | MALVACEAE | Hibiscus pusillus |
| PRECIS | MALVACEAE | Hibiscus saxatilis |
| PRECIS | MALVACEAE | Hibiscus schinzii |
| PRECIS (KZN) | MALVACEAE | Hibiscus schizopetalus |
| Gardens (KBG) | MALVACEAE | Hibiscus sp. |
| PRECIS | MALVACEAE | Hibiscus surattensis |
| PRECIS | MALVACEAE | Hibiscus tiliaceus subsp. tiliaceus |
| PRECIS | MALVACEAE | Hibiscus trionum |
| PRECIS | MALVACEAE | Malva parviflora var. parviflora |
| PRECIS | MALVACEAE | Malva verticillata var. verticillata |
| PRECIS | MALVACEAE | Malvastrum coromandelianum |
| PRECIS | MALVACEAE | Melhania acuminata var. acuminata |
| PRECIS | MALVACEAE | Melhania didyma |
| PRECIS | MALVACEAE | Melhania polygama |
| PRECIS | MALVACEAE | Melhania prostrata |
| PRECIS | MALVACEAE | Melhania suluensis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | MALVACEAE | Modiola caroliniana |
| PRECIS | MALVACEAE | Pavonia burchellii |
| PRECIS | MALVACEAE | Pavonia columella |
| PRECIS | MALVACEAE | Pavonia dregei |
| PRECIS | MALVACEAE | Sida alba |
| PRECIS | MALVACEAE | Sida chrysantha |
| PRECIS | MALVACEAE | Sida cordifolia subsp. cordifolia |
| PRECIS | MALVACEAE | Sida dregei |
| PRECIS | MALVACEAE | Sida rhombifolia subsp. rhombifolia |
| Acocks | MALVACEAE | Sida ternata |
| Acocks | MALVACEAE | Sparrmannia ricinocarpa var. ricinocarpa |
| PRECIS | MALVACEAE | Thespesia acutiloba |
| PRECIS | MALVACEAE | Triumfetta annua forma annua |
| PRECIS | MALVACEAE | Triumfetta obtusicornis |
| PRECIS | MALVACEAE | Triumfetta pilosa var. effusa |
| PRECIS | MALVACEAE | Triumfetta pilosa var. tomentosa |
| PRECIS | MALVACEAE | Triumfetta rhomboidea |
| PRECIS | MALVACEAE | Triumfetta rhomboidea var. rhomboidea |
| PRECIS | MALVACEAE | Triumfetta welwitschii var. hirsuta |
| PRECIS | MALVACEAE | Triumfetta welwitschii var. welwitschii |
| PRECIS | MALVACEAE | Waltheria indica |
| PRECIS | MARATTIACEAE | Marattia fraxinea |
| PRECIS | MARCHANTIACEAE | Dumortiera hirsuta |
| PRECIS | MARCHANTIACEAE | Marchantia debilis |
| PRECIS | MARCHANTIACEAE | Marchantia pappeana subsp. pappeana |
| PRECIS | MARSILEACEAE | Marsilea capensis |
| PRECIS | MELASTOMATACEAE | Dissotis canescens |
| Gardens (PRE) | MELASTOMATACEAE | Dissotis sp. |
| PRECIS | MELASTOMATACEAE | Memecylon natalense |
| PRECIS | MELIACEAE | Cedrela odorata |
| Acocks | MELIACEAE | Ekebergia capensis |
| PRECIS | MELIACEAE | Ekebergia pterophylla |
| PRECIS (KZN) | MELIACEAE | Melia azedarach |
| PRECIS | MELIACEAE | Toona ciliata |
| PRECIS | MELIACEAE | Trichilia dregeana |
| Acocks | MELIACEAE | Trichilia emetica subsp. emetica |
| Acocks | MELIACEAE | Turraea floribunda |
| PRECIS (KZN) | MELIACEAE | Turraea obtusifolia |
| PRECIS | MELIANTHACEAE | Bersama lucens |
| PRECIS | MELIANTHACEAE | Bersama stayneri |
| Gardens (KBG) | MELIANTHACEAE | Bersama swinnyi |
| PRECIS | MELIANTHACEAE | Bersama tysoniana |
| PRECIS | MELIANTHACEAE | Melianthus comosus |
| Acocks | MELIANTHACEAE | Melianthus dregeanus subsp. dregeanus |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | MELIANTHACEAE | Melianthus dregeanus subsp. insignis |
| PRECIS | MELIANTHACEAE | Melianthus insignis |
| PRECIS | MENISPERMACEAE | Cissampelos hirta |
| PRECIS (KZN) | MENISPERMACEAE | Cissampelos mucronata |
| Acocks | MENISPERMACEAE | Cissampelos torulosa |
| PRECIS | MENISPERMACEAE | Stephania abyssinica var. abyssinica |
| PRECIS (KZN) | MENISPERMACEAE | Stephania abyssinica var. tomentella |
| PRECIS | MENYANTHACEAE | Nymphoides indica subsp. occidentalis |
| PRECIS | MENYANTHACEAE | Nymphoides sp. |
| PRECIS | MENYANTHACEAE | Nymphoides thunbergiana |
| PRECIS (KZN) | MESEMBRYANTHEMACEAE | Aptenia cordifolia |
| Gardens (PRE) | MESEMBRYANTHEMACEAE | Delosperma caespitosum |
| PRECIS | MESEMBRYANTHEMACEAE | Delosperma carolinense |
| PRECIS | MESEMBRYANTHEMACEAE | Delosperma cooperi |
| PRECIS (KZN) | MESEMBRYANTHEMACEAE | Delosperma gracile |
| PRECIS | MESEMBRYANTHEMACEAE | Delosperma invalidum |
| PRECIS | MESEMBRYANTHEMACEAE | Delosperma jansei |
| PRECIS (KZN) | MESEMBRYANTHEMACEAE | Delosperma lebomboense |
| PRECIS | MESEMBRYANTHEMACEAE | Delosperma leendertziae |
| PRECIS | MESEMBRYANTHEMACEAE | Delosperma pachyrhizum |
| PRECIS | MESEMBRYANTHEMACEAE | Delosperma sutherlandii |
| PRECIS | MESEMBRYANTHEMACEAE | Delosperma uncinatum |
| PRECIS | MESEMBRYANTHEMACEAE | Khadia acutipetala |
| PRECIS | MESEMBRYANTHEMACEAE | Khadia alticola |
| PRECIS | MESEMBRYANTHEMACEAE | Khadia beswickii |
| PRECIS | MESEMBRYANTHEMACEAE | Khadia carolinensis |
| PRECIS | MESEMBRYANTHEMACEAE | Ruschia hamata |
| PRECIS | METEORIACEAE | Aerobryopsis capensis |
| PRECIS | METEORIACEAE | Papillaria africana |
| PRECIS | METEORIACEAE | Squamidium brasiliense |
| PRECIS | METZGERIACEAE | Metzgeria tabularis |
| PRECIS | MNIACEAE | Mielichhoferia bryoides |
| PRECIS | MNIACEAE | Mielichhoferia subnuda |
| PRECIS | MNIACEAE | Plagiomnium rhynchophorum var. reidii |
| PRECIS | MNIACEAE | Pohlia baronii |
| PRECIS (KZN) | MOLLUGINACEAE | Corbichonia decumbens |
| PRECIS | MOLLUGINACEAE | Hypertelis salsoloides var. salsoloides |
| PRECIS | MOLLUGINACEAE | Limeum pauciflorum |
| PRECIS | MOLLUGINACEAE | Limeum viscosum |
| PRECIS (KZN) | MOLLUGINACEAE | Limeum viscosum subsp. nummulifolium |
| PRECIS | MOLLUGINACEAE | Limeum viscosum subsp. viscosum var. glomeratum |
| PRECIS | MOLLUGINACEAE | Limeum viscosum subsp. viscosum var. kraussii |
| PRECIS | MOLLUGINACEAE | Limeum viscosum subsp. viscosum var. viscosum |
| PRECIS (KZN) | MOLLUGINACEAE | Psammotropha mucronata var. foliosa |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | MOLLUGINACEAE | Psammotropha mucronata var. mucronata |
| PRECIS (KZN) | MOLLUGINACEAE | Psammotropha myriantha |
| Acocks | MONIMIACEAE | Xymalos monospora |
| PRECIS | MORACEAE | Ficus abutilifolia |
| PRECIS | MORACEAE | Ficus bizanae |
| Acocks | MORACEAE | Ficus burtt-davyi |
| Acocks | MORACEAE | Ficus capreifolia |
| PRECIS (KZN) | MORACEAE | Ficus craterostoma |
| Acocks | MORACEAE | Ficus glumosa |
| Acocks | MORACEAE | Ficus ingens |
| PRECIS (KZN) | MORACEAE | Ficus ingens var. ingens |
| PRECIS (KZN) | MORACEAE | Ficus lutea |
| Acocks | MORACEAE | Ficus natalensis subsp. natalensis |
| Acocks | MORACEAE | Ficus petersii |
| PRECIS | MORACEAE | Ficus salicifolia |
| PRECIS (KZN) | MORACEAE | Ficus sp. |
| PRECIS | MORACEAE | Ficus stuhlmannii |
| Acocks | MORACEAE | Ficus sur |
| PRECIS (KZN) | MORACEAE | Ficus sycomorus subsp. gnaphalocarpa |
| PRECIS | MORACEAE | Ficus sycomorus subsp. sycomorus |
| PRECIS (KZN) | MORACEAE | Ficus thonningii |
| PRECIS | MORACEAE | Ficus tremula subsp. tremula |
| PRECIS | MORACEAE | Ficus trichopoda |
| PRECIS (KZN) | MORACEAE | Ficus verruculosa |
| PRECIS | MYRICACEAE | Morella brevifolia |
| PRECIS (KZN) | MYRICACEAE | Morella microbracteata |
| PRECIS | MYRICACEAE | Morella pilulifera |
| PRECIS | MYRICACEAE | Morella serrata |
| PRECIS (KZN) | MYRICACEAE | Morella sp. |
| PRECIS | MYRINIACEAE | Helicodontium lanceolatum |
| PRECIS (KZN) | MYROTHAMNACEAE | Myrothamnus flabellifolius |
| PRECIS | MYRSINACEAE | Embelia ruminata |
| PRECIS | MYRSINACEAE | Embelia sp. |
| PRECIS | MYRSINACEAE | Myrsine africana |
| Acocks | MYRSINACEAE | Rapanea melanophloeos |
| PRECIS | MYRTACEAE | Eugenia albanensis |
| PRECIS | MYRTACEAE | Eugenia capensis subsp. capensis |
| Acocks | MYRTACEAE | Eugenia natalitia |
| PRECIS | MYRTACEAE | Eugenia sp. |
| PRECIS | MYRTACEAE | Eugenia uniflora |
| PRECIS | MYRTACEAE | Eugenia zeyheri |
| PRECIS | MYRTACEAE | Eugenia zuluensis |
| PRECIS (KZN) | MYRTACEAE | Psidium guajava |
| PRECIS | MYRTACEAE | Syzygium cordatum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Acocks | MYRTACEAE | Syzygium cordatum subsp. cordatum |
| PRECIS (KZN) | MYRTACEAE | Syzygium cordatum var. cordatum |
| Acocks | MYRTACEAE | Syzygium gerrardii |
| PRECIS | MYRTACEAE | Syzygium guineense subsp. guineense |
| PRECIS | MYRTACEAE | Syzygium legatii |
| PRECIS (KZN) | MYRTACEAE | Syzygium paniculatum |
| PRECIS | MYRTACEAE | Syzygium sp. |
| PRECIS | NECKERACEAE | Neckera valentiniana |
| PRECIS | NECKERACEAE | Orthostichella pandurifolia |
| PRECIS | NECKERACEAE | Porothamnium sp. |
| PRECIS | NECKERACEAE | Porothamnium stipitatum |
| PRECIS | NECKERACEAE | Porotrichum madagassum |
| PRECIS | NECKERACEAE | Porotrichum usagarum |
| PRECIS | NEPHROLEPIDACEAE | Nephrolepis biserrata |
| PRECIS (KZN) | NEPHROLEPIDACEAE | Nephrolepis exaltata |
| PRECIS (KZN) | NYCTAGINACEAE | Boerhavia coccinea var. coccinea |
| PRECIS (KZN) | NYCTAGINACEAE | Boerhavia diffusa var. diffusa |
| PRECIS (KZN) | NYCTAGINACEAE | Commicarpus chinensis subsp. natalensis |
| PRECIS (KZN) | NYCTAGINACEAE | Commicarpus plumbagineus var. plumbagineus |
| PRECIS | NYCTAGINACEAE | Pisonia aculeata |
| PRECIS | NYMPHAEACEAE | Nymphaea lotus |
| PRECIS (KZN) | NYMPHAEACEAE | Nymphaea nouchali var. caerulea |
| PRECIS | NYMPHAEACEAE | Nymphaea nouchali var. zanzibariensis |
| PRECIS | OCHNACEAE | Ochna arborea var. arborea |
| PRECIS | OCHNACEAE | Ochna arborea var. oconnorii |
| PRECIS | OCHNACEAE | Ochna gamostigmata |
| PRECIS | OCHNACEAE | Ochna holstii |
| PRECIS | OCHNACEAE | Ochna natalitia |
| PRECIS | OCHNACEAE | Ochna pretoriensis |
| Acocks | OCHNACEAE | Ochna serrulata |
| PRECIS (KZN) | OCHNACEAE | Ochna sp. |
| PRECIS | OLACACEAE | Ximenia americana var. microphylla |
| Acocks | OLACACEAE | Ximenia caffra var. caffra |
| Acocks | OLACACEAE | Ximenia caffra var. natalensis |
| Acocks | OLEACEAE | Chionanthus foveolatus subsp. foveolatus |
| PRECIS | OLEACEAE | Chionanthus foveolatus subsp. tomentellus |
| PRECIS | OLEACEAE | Chionanthus peglerae |
| PRECIS (KZN) | OLEACEAE | Chionanthus sp. |
| PRECIS | OLEACEAE | Jasminum abyssinicum |
| Acocks | OLEACEAE | Jasminum angulare |
| Acocks | OLEACEAE | Jasminum breviflorum |
| PRECIS | OLEACEAE | Jasminum fluminense subsp. fluminense |
| PRECIS (KZN) | OLEACEAE | Jasminum multiflorum |
| Acocks | OLEACEAE | Jasminum multipartitum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | OLEACEAE | Jasminum quinatum |
| PRECIS | OLEACEAE | Jasminum sp. |
| Acocks | OLEACEAE | Jasminum stenolobum |
| PRECIS | OLEACEAE | Jasminum streptopus var. transvaalensis |
| PRECIS (KZN) | OLEACEAE | Ligustrum ovalifolium |
| PRECIS | OLEACEAE | Menodora africana |
| PRECIS | OLEACEAE | Olea capensis subsp. capensis |
| PRECIS | OLEACEAE | Olea capensis subsp. enervis |
| PRECIS | OLEACEAE | Olea capensis subsp. macrocarpa |
| PRECIS | OLEACEAE | Olea europaea subsp. africana |
| PRECIS (KZN) | OLEACEAE | Olea exasperata |
| PRECIS | OLEACEAE | Olea woodiana subsp. woodiana |
| Acocks | OLEACEAE | Schrebera alata |
| PRECIS (KZN) | OLEACEAE | Schrebera sp. |
| Gardens (KBG) | OLEANDRACEAE | Arthropteris monocarpa |
| PRECIS | OLEANDRACEAE | Arthropteris orientalis |
| PRECIS | OLEANDRACEAE | Oleandra distenta |
| PRECIS | OLINIACEAE | Olinia emarginata |
| PRECIS | OLINIACEAE | Olinia radiata |
| PRECIS | OLINIACEAE | Olinia sp. |
| Acocks | OLINIACEAE | Olinia ventosa |
| PRECIS (KZN) | ONAGRACEAE | Epilobium capense |
| PRECIS | ONAGRACEAE | Epilobium hirsutum |
| PRECIS | ONAGRACEAE | Epilobium sp. |
| PRECIS (KZN) | ONAGRACEAE | Gaura lindheimeri |
| PRECIS | ONAGRACEAE | Ludwigia abyssinica |
| PRECIS | ONAGRACEAE | Ludwigia adscendens subsp. diffusa |
| PRECIS | ONAGRACEAE | Ludwigia leptocarpa |
| PRECIS | ONAGRACEAE | Ludwigia octovalvis |
| Acocks | ONAGRACEAE | Ludwigia palustris |
| PRECIS | ONAGRACEAE | Oenothera affinis |
| PRECIS | ONAGRACEAE | Oenothera glazioviana |
| PRECIS | ONAGRACEAE | Oenothera indecora |
| PRECIS | ONAGRACEAE | Oenothera parodiana subsp. parodiana |
| PRECIS | ONAGRACEAE | Oenothera rosea |
| PRECIS | ONAGRACEAE | Oenothera stricta subsp. stricta |
| Acocks | ONAGRACEAE | Oenothera tetraptera |
| PRECIS (KZN) | OPHIOGLOSSACEAE | Ophioglossum polyphyllum |
| PRECIS | OPHIOGLOSSACEAE | Ophioglossum reticulatum |
| PRECIS (KZN) | OPHIOGLOSSACEAE | Ophioglossum reticulatum subsp. reticulatum |
| Gardens (KBG) | ORCHIDACEAE | Aerangis mystacidii |
| PRECIS | ORCHIDACEAE | Angraecum conchiferum |
| Gardens (KBG) | ORCHIDACEAE | Angraecum sp. |
| PRECIS | ORCHIDACEAE | Ansellia africana |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Gardens (KBG) | ORCHIDACEAE | Bolusiella maudiae |
| PRECIS (KZN) | ORCHIDACEAE | Bonatea bracteata |
| PRECIS (KZN) | ORCHIDACEAE | Bonatea porrecta |
| PRECIS (KZN) | ORCHIDACEAE | Bonatea speciosa var. speciosa |
| PRECIS (KZN) | ORCHIDACEAE | Brachycorythis ovata subsp. ovata |
| PRECIS | ORCHIDACEAE | Brachycorythis pubescens |
| PRECIS (KZN) | ORCHIDACEAE | Brownleea coerulea |
| PRECIS | ORCHIDACEAE | Brownleea galpinii subsp. galpinii |
| PRECIS | ORCHIDACEAE | Brownleea parviflora |
| PRECIS (KZN) | ORCHIDACEAE | Bulbophyllum sandersonii subsp. sandersonii |
| Gardens (KBG) | ORCHIDACEAE | Bulbophyllum scaberulum var. scaberulum |
| PRECIS | ORCHIDACEAE | Calanthe sylvatica |
| PRECIS | ORCHIDACEAE | Cheirostylis gymnochiloides |
| PRECIS | ORCHIDACEAE | Corycium dracomontanum |
| PRECIS | ORCHIDACEAE | Corycium nigrescens |
| PRECIS (KZN) | ORCHIDACEAE | Corymborkis corymbis |
| PRECIS (KZN) | ORCHIDACEAE | Cyrtorchis arcuata subsp. arcuata |
| PRECIS (KZN) | ORCHIDACEAE | Cyrtorchis arcuata subsp. variabilis |
| Gardens (KBG) | ORCHIDACEAE | Cyrtorchis praetermissa subsp. zuluensis |
| PRECIS | ORCHIDACEAE | Diaphananthe xanthopollinia |
| PRECIS | ORCHIDACEAE | Didymoplexis verrucosa |
| PRECIS (KZN) | ORCHIDACEAE | Disa aconitoides subsp. aconitoides |
| PRECIS | ORCHIDACEAE | Disa baurii |
| PRECIS (KZN) | ORCHIDACEAE | Disa brevicornis |
| PRECIS | ORCHIDACEAE | Disa caffra |
| PRECIS (KZN) | ORCHIDACEAE | Disa chrysostachya |
| PRECIS | ORCHIDACEAE | Disa cooperi |
| PRECIS | ORCHIDACEAE | Disa cornuta |
| PRECIS | ORCHIDACEAE | Disa fragrans subsp. fragrans |
| PRECIS | ORCHIDACEAE | Disa galpinii |
| PRECIS | ORCHIDACEAE | Disa maculomarronina |
| PRECIS | ORCHIDACEAE | Disa nervosa |
| PRECIS | ORCHIDACEAE | Disa oreophila subsp. oreophila |
| PRECIS | ORCHIDACEAE | Disa patula var. transvaalensis |
| PRECIS | ORCHIDACEAE | Disa polygonoides |
| PRECIS | ORCHIDACEAE | Disa rhodantha |
| PRECIS (KZN) | ORCHIDACEAE | Disa stachyoides |
| PRECIS (KZN) | ORCHIDACEAE | Disa versicolor |
| PRECIS (KZN) | ORCHIDACEAE | Disa woodii |
| PRECIS | ORCHIDACEAE | Disa zuluensis |
| PRECIS | ORCHIDACEAE | Disperis cardiophora |
| PRECIS | ORCHIDACEAE | Disperis cooperi |
| PRECIS | ORCHIDACEAE | Disperis fanniniae |
| PRECIS | ORCHIDACEAE | Disperis lindleyana |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | ORCHIDACEAE | Disperis tysonii |
| PRECIS | ORCHIDACEAE | Disperis wealei |
| PRECIS | ORCHIDACEAE | Disperis woodii |
| PRECIS | ORCHIDACEAE | Eulophia aculeata subsp. huttonii |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia angolensis |
| PRECIS | ORCHIDACEAE | Eulophia calanthoides |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia clavicornis var. inaequalis |
| PRECIS | ORCHIDACEAE | Eulophia clitellifera |
| PRECIS | ORCHIDACEAE | Eulophia cooperi |
| PRECIS | ORCHIDACEAE | Eulophia cucullata |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia ensata |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia foliosa |
| Acocks | ORCHIDACEAE | Eulophia hians var. hians |
| PRECIS | ORCHIDACEAE | Eulophia hians var. inaequalis |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia hians var. nutans |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia horsfallii |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia leontoglossa |
| PRECIS | ORCHIDACEAE | Eulophia meleagris |
| PRECIS | ORCHIDACEAE | Eulophia odontoglossa |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia ovalis subsp. ovalis |
| PRECIS | ORCHIDACEAE | Eulophia ovalis var. ovalis |
| PRECIS | ORCHIDACEAE | Eulophia parviflora |
| PRECIS | ORCHIDACEAE | Eulophia parvilabris |
| PRECIS | ORCHIDACEAE | Eulophia petersii |
| Gardens (PRE) | ORCHIDACEAE | Eulophia sp. |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia speciosa |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia streptopetala |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia welwitschii |
| PRECIS (KZN) | ORCHIDACEAE | Eulophia zeyheriana |
| PRECIS | ORCHIDACEAE | Habenaria arenaria |
| PRECIS | ORCHIDACEAE | Habenaria clavata |
| PRECIS (KZN) | ORCHIDACEAE | Habenaria dives |
| PRECIS (KZN) | ORCHIDACEAE | Habenaria dregeana |
| PRECIS | ORCHIDACEAE | Habenaria epipactidea |
| PRECIS | ORCHIDACEAE | Habenaria falcicornis subsp. caffra |
| PRECIS | ORCHIDACEAE | Habenaria filicornis |
| PRECIS | ORCHIDACEAE | Habenaria kraenzliniana |
| PRECIS | ORCHIDACEAE | Habenaria laevigata |
| PRECIS | ORCHIDACEAE | Habenaria lithophila |
| PRECIS | ORCHIDACEAE | Habenaria malacophylla |
| PRECIS (KZN) | ORCHIDACEAE | Habenaria nyikana |
| PRECIS (KZN) | ORCHIDACEAE | Habenaria pseudociliosa |
| PRECIS | ORCHIDACEAE | Habenaria woodii |
| PRECIS | ORCHIDACEAE | Huttonaea fimbriata |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Gardens (PRE) | ORCHIDACEAE | Liparis bowkeri |
| PRECIS | ORCHIDACEAE | Liparis remota |
| PRECIS (KZN) | ORCHIDACEAE | Microcoelia exilis |
| PRECIS (KZN) | ORCHIDACEAE | Mystacidium capense |
| PRECIS | ORCHIDACEAE | Mystacidium flanaganii |
| PRECIS (KZN) | ORCHIDACEAE | Mystacidium gracile |
| PRECIS (KZN) | ORCHIDACEAE | Mystacidium sp. |
| PRECIS (KZN) | ORCHIDACEAE | Mystacidium venosum |
| PRECIS | ORCHIDACEAE | Neobolusia tysonii |
| PRECIS (KZN) | ORCHIDACEAE | Nervilia bicarinata |
| PRECIS | ORCHIDACEAE | Oeceoclades lonchophylla |
| PRECIS (KZN) | ORCHIDACEAE | Oeceoclades mackenii |
| PRECIS | ORCHIDACEAE | Platylepis glandulosa |
| PRECIS | ORCHIDACEAE | Polystachya cultriformis |
| PRECIS | ORCHIDACEAE | Polystachya fusiformis |
| PRECIS | ORCHIDACEAE | Polystachya modesta |
| Gardens (KBG) | ORCHIDACEAE | Polystachya ottoniana |
| PRECIS | ORCHIDACEAE | Polystachya pubescens |
| Gardens (KBG) | ORCHIDACEAE | Polystachya sandersonii |
| PRECIS | ORCHIDACEAE | Polystachya transvaalensis |
| PRECIS | ORCHIDACEAE | Pterygodium hastatum |
| PRECIS | ORCHIDACEAE | Pterygodium magnum |
| PRECIS | ORCHIDACEAE | Satyrium bracteatum |
| PRECIS | ORCHIDACEAE | Satyrium cristatum var. cristatum |
| PRECIS (KZN) | ORCHIDACEAE | Satyrium cristatum var. longilabiatum |
| PRECIS | ORCHIDACEAE | Satyrium hallackii subsp. ocellatum |
| PRECIS | ORCHIDACEAE | Satyrium longicauda var. jacottetianum |
| PRECIS (KZN) | ORCHIDACEAE | Satyrium longicauda var. longicauda |
| PRECIS | ORCHIDACEAE | Satyrium macrophyllum |
| PRECIS | ORCHIDACEAE | Satyrium microrrhynchum |
| PRECIS | ORCHIDACEAE | Satyrium neglectum subsp. neglectum var. neglectum |
| PRECIS (KZN) | ORCHIDACEAE | Satyrium parviflorum |
| PRECIS | ORCHIDACEAE | Satyrium sp. |
| PRECIS | ORCHIDACEAE | Satyrium sphaerocarpum |
| PRECIS (KZN) | ORCHIDACEAE | Satyrium trinerve |
| PRECIS | ORCHIDACEAE | Schizochilus flexuosus |
| PRECIS | ORCHIDACEAE | Schizochilus gerrardii |
| PRECIS (KZN) | ORCHIDACEAE | Schizochilus zeyheri |
| PRECIS (KZN) | ORCHIDACEAE | Stenoglottis fimbriata |
| PRECIS | ORCHIDACEAE | Stenoglottis fimbriata subsp. fimbriata |
| Gardens (KBG) | ORCHIDACEAE | Stenoglottis longifolia |
| Gardens (KBG) | ORCHIDACEAE | Stenoglottis sp. |
| PRECIS (KZN) | ORCHIDACEAE | Stenoglottis woodii |
| PRECIS | ORCHIDACEAE | Tridactyle bicaudata subsp. bicaudata |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | OROBANCHACEAE | Alectra basutica |
| PRECIS | OROBANCHACEAE | Alectra capensis |
| PRECIS | OROBANCHACEAE | Alectra orobanchoides |
| PRECIS | OROBANCHACEAE | Alectra sessiliflora var. sessiliflora |
| PRECIS (KZN) | OROBANCHACEAE | Alectra sessiliflora var. sessiliflora forma barbata |
| PRECIS (KZN) | OROBANCHACEAE | Buchnera dura |
| PRECIS | OROBANCHACEAE | Buchnera simplex |
| PRECIS | OROBANCHACEAE | Buchnera sp. |
| PRECIS | OROBANCHACEAE | Buttonia natalensis |
| PRECIS | OROBANCHACEAE | Cycnium adonense |
| PRECIS | OROBANCHACEAE | Cycnium racemosum |
| PRECIS | OROBANCHACEAE | Cycnium tubulosum |
| PRECIS (KZN) | OROBANCHACEAE | Cycnium tubulosum subsp. montanum |
| PRECIS | OROBANCHACEAE | Cycnium tubulosum subsp. tubulosum |
| Acocks | OROBANCHACEAE | Graderia scabra |
| PRECIS (KZN) | OROBANCHACEAE | Harveya leucopharynx |
| PRECIS | OROBANCHACEAE | Harveya randii |
| PRECIS | OROBANCHACEAE | Harveya silvatica |
| PRECIS | OROBANCHACEAE | Harveya sp. |
| PRECIS | OROBANCHACEAE | Harveya speciosa |
| PRECIS | OROBANCHACEAE | Melasma scabrum |
| PRECIS | OROBANCHACEAE | Melasma scabrum var. scabrum |
| PRECIS | OROBANCHACEAE | Rhamphicarpa sp. |
| PRECIS | OROBANCHACEAE | Sopubia cana var. cana |
| PRECIS | OROBANCHACEAE | Sopubia simplex |
| PRECIS | OROBANCHACEAE | Sopubia sp. |
| PRECIS | OROBANCHACEAE | Striga asiatica |
| PRECIS | OROBANCHACEAE | Striga bilabiata subsp. bilabiata |
| PRECIS | OROBANCHACEAE | Striga elegans |
| Acocks | OROBANCHACEAE | Striga gesnerioides |
| PRECIS | OROBANCHACEAE | Striga sp. |
| PRECIS | ORTHODONTIACEAE | Orthodontium lineare |
| PRECIS | ORTHOTRICHACEAE | Macrocoma lycopodioides |
| PRECIS | ORTHOTRICHACEAE | Macrocoma tenuis subsp. tenuis |
| PRECIS | ORTHOTRICHACEAE | Macromitrium lebomboense |
| PRECIS | ORTHOTRICHACEAE | Macromitrium serpens |
| PRECIS | ORTHOTRICHACEAE | Orthotrichum subexsertum |
| PRECIS | ORTHOTRICHACEAE | Orthotrichum transvaaliense |
| PRECIS | ORTHOTRICHACEAE | Schlotheimia ferruginea |
| PRECIS | ORTHOTRICHACEAE | Schlotheimia percuspidata |
| PRECIS | ORTHOTRICHACEAE | Schlotheimia rufopallens |
| PRECIS | ORTHOTRICHACEAE | Schlotheimia sp. |
| PRECIS | ORTHOTRICHACEAE | Stoneobryum mirum |
| PRECIS | ORTHOTRICHACEAE | Zygodon erosus |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | OSMUNDACEAE | Osmunda regalis |
| PRECIS | OSMUNDACEAE | Todea barbara |
| PRECIS | OXALIDACEAE | Oxalis corniculata |
| PRECIS | OXALIDACEAE | Oxalis depressa |
| PRECIS (KZN) | OXALIDACEAE | Oxalis gracilipes |
| PRECIS | OXALIDACEAE | Oxalis latifolia |
| PRECIS (KZN) | OXALIDACEAE | Oxalis obliquifolia |
| PRECIS | OXALIDACEAE | Oxalis purpurea |
| PRECIS (KZN) | OXALIDACEAE | Oxalis semiloba subsp. semiloba |
| PRECIS | OXALIDACEAE | Oxalis setosa |
| Acocks | OXALIDACEAE | Oxalis smithiana |
| PRECIS (KZN) | OXALIDACEAE | Oxalis sp. |
| PRECIS | PALLAVICINIACEAE | Pallavicinia lyellii |
| PRECIS | PALLAVICINIACEAE | Symphyogyna brasiliensis |
| PRECIS | PALLAVICINIACEAE | Symphyogyna podophylla |
| PRECIS (KZN) | PAPAVERACEAE | Argemone mexicana forma mexicana |
| PRECIS (KZN) | PAPAVERACEAE | Argemone ochroleuca subsp. ochroleuca |
| PRECIS | PAPAVERACEAE | Papaver aculeatum |
| PRECIS | PARMELIACEAE | Flavoparmelia baltimorensis |
| PRECIS | PARMELIACEAE | Lichen sp. |
| PRECIS | PARMELIACEAE | Parmelia rudecta |
| PRECIS | PARMELIACEAE | Parmotrema austrosinense |
| PRECIS | PARMELIACEAE | Parmotrema rampoddense |
| PRECIS | PARMELIACEAE | Parmotrema subisidiosum |
| PRECIS | PARMELIACEAE | Usnea articulata subsp. articulata |
| PRECIS | PARMELIACEAE | Usnea exasperata |
| PRECIS | PARMELIACEAE | Usnea flaccida |
| PRECIS | PARMELIACEAE | Usnea leprosa |
| PRECIS | PARMELIACEAE | Usnea strigosella var. strigosella |
| PRECIS | PARMELIACEAE | Usnea submollis |
| PRECIS | PARMELIACEAE | Usnea trichodeoides |
| PRECIS | PARMELIACEAE | Usnea undulata |
| Acocks | PASSIFLORACEAE | Adenia digitata |
| Acocks | PASSIFLORACEAE | Adenia fruticosa subsp. trifoliata |
| PRECIS | PASSIFLORACEAE | Adenia gummifera var. gummifera |
| PRECIS | PASSIFLORACEAE | Adenia hastata var. glandulifera |
| PRECIS | PASSIFLORACEAE | Basananthe polygaloides |
| Acocks | PASSIFLORACEAE | Basananthe sandersonii |
| PRECIS | PASSIFLORACEAE | Passiflora edulis |
| PRECIS | PASSIFLORACEAE | Passiflora foetida |
| PRECIS | PASSIFLORACEAE | Passiflora suberosa |
| PRECIS | PEDALIACEAE | Ceratotheca sp. |
| PRECIS | PEDALIACEAE | Ceratotheca triloba |
| PRECIS | PERTUSARIACEAE | Pertusaria sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | PHYLLANTHACEAE | Andrachne ovalis |
| PRECIS | PHYLLANTHACEAE | Antidesma venosum |
| PRECIS | PHYLLANTHACEAE | Bridelia cathartica subsp. cathartica |
| PRECIS | PHYLLANTHACEAE | Bridelia micrantha |
| Acocks | PHYLLANTHACEAE | Flueggea virosa subsp. virosa |
| PRECIS | PHYLLANTHACEAE | Margaritaria discoidea var. nitida |
| PRECIS | PHYLLANTHACEAE | Phyllanthus cedrelifolius |
| PRECIS | PHYLLANTHACEAE | Phyllanthus fraternus |
| Acocks | PHYLLANTHACEAE | Phyllanthus glaucophyllus |
| PRECIS | PHYLLANTHACEAE | Phyllanthus maderaspatensis |
| PRECIS | PHYLLANTHACEAE | Phyllanthus meyerianus |
| PRECIS | PHYLLANTHACEAE | Phyllanthus myrtaceus |
| PRECIS | PHYLLANTHACEAE | Phyllanthus parvulus var. garipensis |
| PRECIS | PHYLLANTHACEAE | Phyllanthus reticulatus var. reticulatus |
| PRECIS | PHYLLANTHACEAE | Phyllanthus sp. |
| PRECIS | PHYSCIACEAE | Buellia punctata |
| PRECIS | PHYSCIACEAE | Heterodermia pseudospeciosa |
| PRECIS | PHYSCIACEAE | Phaeophyscia orbicularis |
| PRECIS | PHYTOLACCACEAE | Phytolacca dioica |
| PRECIS (KZN) | PHYTOLACCACEAE | Phytolacca dodecandra |
| PRECIS | PHYTOLACCACEAE | Phytolacca heptandra |
| PRECIS | PHYTOLACCACEAE | Phytolacca octandra |
| PRECIS | PHYTOLACCACEAE | Rivina humilis |
| PRECIS | PILOTRICHACEAE | Callicostella tristis |
| PRECIS | PILOTRICHACEAE | Cyclodictyon vallis-gratiae |
| PRECIS | PILOTRICHACEAE | Hookeriopsis utacamundiana |
| PRECIS | PILOTRICHACEAE | Lepidopilidium hanningtonii |
| PRECIS | PIPERACEAE | Peperomia blanda |
| PRECIS | PIPERACEAE | Peperomia retusa var. bachmannii |
| PRECIS (KZN) | PIPERACEAE | Peperomia retusa var. retusa |
| Gardens (KBG) | PIPERACEAE | Peperomia tetraphylla |
| Gardens (KBG) | PIPERACEAE | Piper capense var. capense |
| Acocks | PITTOSPORACEAE | Pittosporum viridiflorum |
| PRECIS | PLAGIOCHILACEAE | Plagiochila divergens |
| PRECIS | PLAGIOCHILACEAE | Plagiochila heterostipa |
| PRECIS | PLAGIOCHILACEAE | Plagiochila sp. |
| PRECIS | PLANTAGINACEAE | Plantago lanceolata |
| MSB | PLANTAGINACEAE | Plantago longissima |
| PRECIS | PLANTAGINACEAE | Plantago myosuros |
| PRECIS | PLANTAGINACEAE | Plantago virginica |
| Acocks | PLUMBAGINACEAE | Plumbago auriculata |
| PRECIS | POACEAE | Acroceras macrum |
| PRECIS | POACEAE | Agrostis barbuligera var. barbuligera |
| PRECIS | POACEAE | Agrostis barbuligera var. longipilosa |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | POACEAE | Agrostis continuata |
| PRECIS | POACEAE | Agrostis eriantha var. eriantha |
| PRECIS | POACEAE | Agrostis lachnantha var. lachnantha |
| PRECIS | POACEAE | Agrostis montevidensis |
| PRECIS | POACEAE | Alloteropsis semialata subsp. eckloniana |
| PRECIS | POACEAE | Alloteropsis semialata subsp. semialata |
| PRECIS | POACEAE | Andropogon amethystinus |
| Acocks | POACEAE | Andropogon appendiculatus |
| PRECIS | POACEAE | Andropogon eucomus |
| PRECIS | POACEAE | Andropogon lacunosus |
| PRECIS | POACEAE | Andropogon mannii |
| Acocks | POACEAE | Andropogon schirensis |
| PRECIS | POACEAE | Anthoxanthum ecklonii |
| PRECIS | POACEAE | Aristida adscensionis |
| PRECIS | POACEAE | Aristida bipartita |
| Acocks | POACEAE | Aristida canescens subsp. canescens |
| Acocks | POACEAE | Aristida congesta subsp. barbicollis |
| PRECIS (KZN) | POACEAE | Aristida congesta subsp. congesta |
| Acocks | POACEAE | Aristida diffusa subsp. burkei |
| Acocks | POACEAE | Aristida junciformis subsp. galpinii |
| PRECIS (KZN) | POACEAE | Aristida junciformis subsp. junciformis |
| PRECIS | POACEAE | Aristida meridionalis |
| Acocks | POACEAE | Aristida monticola |
| PRECIS | POACEAE | Aristida scabrivalvis subsp. scabrivalvis |
| Acocks | POACEAE | Aristida sciurus |
| PRECIS | POACEAE | Aristida sp. |
| PRECIS (KZN) | POACEAE | Aristida stipitata subsp. graciliflora |
| PRECIS | POACEAE | Aristida transvaalensis |
| PRECIS | POACEAE | Arundinella nepalensis |
| PRECIS (KZN) | POACEAE | Arundo donax |
| PRECIS | POACEAE | Avena sativa |
| PRECIS | POACEAE | Axonopus affinis |
| Acocks | POACEAE | Bewsia biflora |
| Acocks | POACEAE | Bothriochloa bladhii |
| PRECIS (KZN) | POACEAE | Bothriochloa insculpta |
| PRECIS | POACEAE | Brachiaria advena |
| PRECIS | POACEAE | Brachiaria arrecta |
| PRECIS | POACEAE | Brachiaria bovonei |
| PRECIS | POACEAE | Brachiaria brizantha |
| PRECIS | POACEAE | Brachiaria chusqueoides |
| PRECIS | POACEAE | Brachiaria dictyoneura |
| PRECIS | POACEAE | Brachiaria eruciformis |
| PRECIS | POACEAE | Brachiaria humidicola |
| PRECIS (KZN) | POACEAE | Brachiaria nigropedata |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Acocks | POACEAE | Brachiaria serrata |
| Acocks | POACEAE | Brachiaria subulifolia |
| PRECIS | POACEAE | Brachiaria xantholeuca |
| PRECIS | POACEAE | Brachypodium bolusii |
| PRECIS (KZN) | POACEAE | Brachypodium flexum |
| PRECIS (KZN) | POACEAE | Briza maxima |
| PRECIS (KZN) | POACEAE | Briza minor |
| PRECIS | POACEAE | Bromus catharticus |
| PRECIS | POACEAE | Bromus diandrus |
| PRECIS | POACEAE | Bromus firmior |
| PRECIS | POACEAE | Bromus hordeaceus subsp. molliformis |
| PRECIS | POACEAE | Bromus leptoclados |
| PRECIS | POACEAE | Bromus natalensis |
| PRECIS | POACEAE | Bromus pectinatus |
| PRECIS | POACEAE | Bromus sp. |
| PRECIS | POACEAE | Catalepis gracilis |
| PRECIS | POACEAE | Cenchrus ciliaris |
| PRECIS | POACEAE | Chloris gayana |
| PRECIS | POACEAE | Chloris mossambicensis |
| PRECIS | POACEAE | Chloris pycnothrix |
| PRECIS (KZN) | POACEAE | Chloris virgata |
| PRECIS (KZN) | POACEAE | Coelorachis capensis |
| PRECIS (KZN) | POACEAE | Coix lacryma-jobi |
| PRECIS | POACEAE | Ctenium concinnum |
| Acocks | POACEAE | Cymbopogon caesius |
| PRECIS | POACEAE | Cymbopogon dieterlenii |
| PRECIS (KZN) | POACEAE | Cymbopogon excavatus |
| Acocks | POACEAE | Cymbopogon marginatus |
| PRECIS | POACEAE | Cymbopogon nardus |
| PRECIS (KZN) | POACEAE | Cymbopogon plurinodis |
| PRECIS | POACEAE | Cymbopogon pospischilii |
| PRECIS | POACEAE | Cymbopogon prolixus |
| PRECIS (KZN) | POACEAE | Cymbopogon validus |
| Acocks | POACEAE | Cynodon dactylon |
| PRECIS | POACEAE | Cynodon hirsutus |
| PRECIS | POACEAE | Cynodon transvaalensis |
| PRECIS | POACEAE | Dactylis glomerata |
| PRECIS (KZN) | POACEAE | Dactyloctenium aegyptium |
| PRECIS | POACEAE | Dactyloctenium australe |
| PRECIS | POACEAE | Dactyloctenium geminatum |
| PRECIS | POACEAE | Danthoniopsis scopulorum |
| PRECIS | POACEAE | Diandrochloa namaquensis |
| PRECIS | POACEAE | Digitaria argyrograpta |
| PRECIS (KZN) | POACEAE | Digitaria ciliaris |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | POACEAE | Digitaria debilis |
| Acocks | POACEAE | Digitaria diagonalis var. diagonalis |
| PRECIS | POACEAE | Digitaria didactyla |
| PRECIS | POACEAE | Digitaria diversinervis |
| PRECIS | POACEAE | Digitaria eriantha |
| PRECIS | POACEAE | Digitaria eylesii |
| PRECIS | POACEAE | Digitaria flaccida |
| PRECIS | POACEAE | Digitaria gymnostachys |
| Acocks | POACEAE | Digitaria longiflora |
| Acocks | POACEAE | Digitaria monodactyla |
| PRECIS | POACEAE | Digitaria natalensis |
| PRECIS | POACEAE | Digitaria nuda |
| PRECIS | POACEAE | Digitaria sanguinalis |
| PRECIS | POACEAE | Digitaria scalarum |
| PRECIS | POACEAE | Digitaria setifolia |
| PRECIS | POACEAE | Digitaria sp. |
| PRECIS | POACEAE | Digitaria ternata |
| PRECIS (KZN) | POACEAE | Digitaria thouaresiana |
| PRECIS | POACEAE | Digitaria thouarsiana |
| Acocks | POACEAE | Digitaria tricholaenoides |
| Acocks | POACEAE | Diheteropogon amplectens var. amplectens |
| Acocks | POACEAE | Diheteropogon filifolius |
| PRECIS | POACEAE | Dinebra retroflexa var. condensata |
| PRECIS (KZN) | POACEAE | Diplachne eleusine |
| PRECIS | POACEAE | Echinochloa colona |
| PRECIS | POACEAE | Echinochloa crus-pavonis |
| PRECIS | POACEAE | Echinochloa holubii |
| PRECIS | POACEAE | Echinochloa jubata |
| PRECIS (KZN) | POACEAE | Echinochloa pyramidalis |
| PRECIS | POACEAE | Ehrharta calycina |
| Acocks | POACEAE | Ehrharta capensis |
| PRECIS | POACEAE | Ehrharta erecta var. erecta |
| PRECIS | POACEAE | Eleusine coracana subsp. africana |
| PRECIS (KZN) | POACEAE | Eleusine indica |
| PRECIS | POACEAE | Eleusine multiflora |
| PRECIS | POACEAE | Eleusine tristachya |
| PRECIS | POACEAE | Elionurus muticus |
| PRECIS | POACEAE | Enneapogon cenchroides |
| PRECIS | POACEAE | Enteropogon monostachyus subsp. africanus |
| PRECIS | POACEAE | Eragrostis aspera |
| PRECIS | POACEAE | Eragrostis barbinodis |
| PRECIS | POACEAE | Eragrostis biflora |
| PRECIS | POACEAE | Eragrostis caesia |
| PRECIS | POACEAE | Eragrostis capensis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | POACEAE | Eragrostis chapelieri |
| Acocks | POACEAE | Eragrostis chloromelas |
| PRECIS | POACEAE | Eragrostis cilianensis |
| PRECIS (KZN) | POACEAE | Eragrostis ciliaris |
| Acocks | POACEAE | Eragrostis curvula |
| PRECIS (KZN) | POACEAE | Eragrostis cylindriflora |
| Acocks | POACEAE | Eragrostis gummiflua |
| PRECIS | POACEAE | Eragrostis heteromera |
| PRECIS (KZN) | POACEAE | Eragrostis inamoena |
| Acocks | POACEAE | Eragrostis lappula |
| PRECIS | POACEAE | Eragrostis lehmanniana var. lehmanniana |
| PRECIS | POACEAE | Eragrostis micrantha |
| PRECIS (KZN) | POACEAE | Eragrostis nindensis |
| PRECIS | POACEAE | Eragrostis patentipilosa |
| Acocks | POACEAE | Eragrostis patentissima |
| PRECIS | POACEAE | Eragrostis pilosa |
| Acocks | POACEAE | Eragrostis plana |
| Acocks | POACEAE | Eragrostis planiculmis |
| Acocks | POACEAE | Eragrostis racemosa |
| PRECIS | POACEAE | Eragrostis remotiflora |
| PRECIS | POACEAE | Eragrostis rigidior |
| PRECIS | POACEAE | Eragrostis sarmentosa |
| Acocks | POACEAE | Eragrostis sclerantha subsp. sclerantha |
| PRECIS (KZN) | POACEAE | Eragrostis sp. |
| Acocks | POACEAE | Eragrostis superba |
| PRECIS (KZN) | POACEAE | Eragrostis tef |
| PRECIS | POACEAE | Eragrostis tenuifolia |
| PRECIS (KZN) | POACEAE | Eragrostis tincta |
| PRECIS | POACEAE | Eragrostis trichophora |
| PRECIS | POACEAE | Eriochloa meyeriana subsp. meyeriana |
| PRECIS (KZN) | POACEAE | Eriochloa stapfiana |
| PRECIS | POACEAE | Eriochrysis brachypogon |
| PRECIS (KZN) | POACEAE | Eriochrysis pallida |
| Acocks | POACEAE | Eulalia villosa |
| PRECIS (KZN) | POACEAE | Eustachys paspaloides |
| PRECIS | POACEAE | Festuca caprina |
| PRECIS | POACEAE | Festuca costata |
| PRECIS | POACEAE | Festuca longipes |
| PRECIS | POACEAE | Festuca scabra |
| PRECIS | POACEAE | Festuca sp. |
| PRECIS | POACEAE | Fingerhuthia africana |
| PRECIS | POACEAE | Fingerhuthia sesleriiformis |
| Acocks | POACEAE | Harpochloa falx |
| PRECIS | POACEAE | Helictotrichon hirtulum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | POACEAE | Helictotrichon longifolium |
| PRECIS | POACEAE | Helictotrichon natalense |
| PRECIS | POACEAE | Helictotrichon turgidulum |
| Acocks | POACEAE | Hemarthria altissima |
| Acocks | POACEAE | Heteropogon contortus |
| PRECIS | POACEAE | Holcus lanatus |
| PRECIS | POACEAE | Hordeum capense |
| PRECIS (KZN) | POACEAE | Hyparrhenia anamesa |
| PRECIS | POACEAE | Hyparrhenia collina |
| PRECIS | POACEAE | Hyparrhenia cymbaria |
| PRECIS (KZN) | POACEAE | Hyparrhenia dichroa |
| Acocks | POACEAE | Hyparrhenia dregeana |
| Acocks | POACEAE | Hyparrhenia filipendula var. filipendula |
| PRECIS (KZN) | POACEAE | Hyparrhenia filipendula var. pilosa |
| Acocks | POACEAE | Hyparrhenia hirta |
| PRECIS | POACEAE | Hyparrhenia poecilotricha |
| PRECIS | POACEAE | Hyparrhenia rudis |
| PRECIS | POACEAE | Hyparrhenia schimperi |
| PRECIS | POACEAE | Hyparrhenia sp. |
| PRECIS | POACEAE | Hyparrhenia tamba |
| PRECIS (KZN) | POACEAE | Hyperthelia dissoluta |
| PRECIS (KZN) | POACEAE | Imperata cylindrica |
| Acocks | POACEAE | Ischaemum fasciculatum |
| PRECIS | POACEAE | Koeleria capensis |
| PRECIS (KZN) | POACEAE | Leersia hexandra |
| PRECIS (KZN) | POACEAE | Leptocarydion vulpiastrum |
| PRECIS | POACEAE | Leptochloa chinensis |
| PRECIS | POACEAE | Leptochloa eleusine |
| PRECIS | POACEAE | Leptochloa fusca |
| PRECIS | POACEAE | Lolium multiflorum |
| PRECIS | POACEAE | Lolium perenne |
| Acocks | POACEAE | Lophacme digitata |
| PRECIS (KZN) | POACEAE | Loudetia densispica |
| PRECIS (KZN) | POACEAE | Loudetia flavida |
| PRECIS | POACEAE | Loudetia simplex |
| PRECIS | POACEAE | Loudetia sp. |
| PRECIS | POACEAE | Megastachya mucronata |
| PRECIS | POACEAE | Melica racemosa |
| Acocks | POACEAE | Melinis macrochaeta |
| PRECIS | POACEAE | Melinis nerviglumis |
| Acocks | POACEAE | Melinis repens subsp. repens |
| PRECIS | POACEAE | Melinis sp. |
| PRECIS (KZN) | POACEAE | Merxmuellera macowanii |
| PRECIS | POACEAE | Microchloa caffra |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | POACEAE | Microchloa kunthii |
| Acocks | POACEAE | Microstegium nudum |
| PRECIS | POACEAE | Miscanthidium erectum |
| PRECIS | POACEAE | Miscanthus capensis |
| PRECIS | POACEAE | Miscanthus junceus |
| PRECIS | POACEAE | Miscanthus sp. |
| PRECIS | POACEAE | Monocymbium ceresiiforme |
| PRECIS | POACEAE | Olyra latifolia |
| Acocks | POACEAE | Oplismenus hirtellus |
| PRECIS | POACEAE | Oplismenus undulatifolius |
| PRECIS | POACEAE | Oryza sp. |
| PRECIS | POACEAE | Panicum aequinerve |
| PRECIS | POACEAE | Panicum coloratum var. coloratum |
| Acocks | POACEAE | Panicum deustum |
| PRECIS | POACEAE | Panicum dregeanum |
| Acocks | POACEAE | Panicum ecklonii |
| PRECIS | POACEAE | Panicum glandulopaniculatum |
| PRECIS | POACEAE | Panicum hymeniochilum |
| PRECIS | POACEAE | Panicum laticomum |
| Acocks | POACEAE | Panicum maximum |
| Acocks | POACEAE | Panicum natalense |
| PRECIS | POACEAE | Panicum parvifolium |
| PRECIS | POACEAE | Panicum repens |
| Acocks | POACEAE | Panicum schinzii |
| PRECIS | POACEAE | Panicum sp. |
| PRECIS | POACEAE | Panicum subalbidum |
| PRECIS | POACEAE | Paspalum dilatatum |
| PRECIS | POACEAE | Paspalum distichum |
| PRECIS | POACEAE | Paspalum notatum |
| PRECIS | POACEAE | Paspalum scrobiculatum |
| PRECIS | POACEAE | Paspalum sp. |
| PRECIS | POACEAE | Paspalum urvillei |
| PRECIS (KZN) | POACEAE | Paspalum vaginatum |
| PRECIS | POACEAE | Pennisetum clandestinum |
| PRECIS | POACEAE | Pennisetum macrourum |
| Acocks | POACEAE | Pennisetum natalense |
| PRECIS | POACEAE | Pennisetum purpureum |
| PRECIS | POACEAE | Pennisetum setaceum |
| PRECIS | POACEAE | Pennisetum sp. |
| PRECIS | POACEAE | Pennisetum sphacelatum |
| PRECIS | POACEAE | Pennisetum thunbergii |
| PRECIS (KZN) | POACEAE | Pennisetum unisetum |
| PRECIS | POACEAE | Pennisetum villosum |
| PRECIS | POACEAE | Pentaschistis natalensis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Acocks | POACEAE | Pentaschistis oreodoxa |
| PRECIS | POACEAE | Pentaschistis tysonii |
| PRECIS (KZN) | POACEAE | Perotis patens |
| PRECIS (KZN) | POACEAE | Phalaris aquatica |
| PRECIS | POACEAE | Phalaris arundinacea |
| PRECIS | POACEAE | Phalaris sp. |
| PRECIS | POACEAE | Phragmites australis |
| PRECIS (KZN) | POACEAE | Phragmites mauritianus |
| PRECIS | POACEAE | Poa annua |
| PRECIS | POACEAE | Poa binata |
| PRECIS | POACEAE | Poa pratensis |
| PRECIS | POACEAE | Poa sp. |
| PRECIS (KZN) | POACEAE | Pogonarthria squarrosa |
| Acocks | POACEAE | Prosphytochloa prehensilis |
| PRECIS | POACEAE | Pseudechinolaena polystachya |
| Acocks | POACEAE | Rendlia altera |
| PRECIS | POACEAE | Rottboellia cochinchinensis |
| PRECIS | POACEAE | Saccharum sp. |
| PRECIS | POACEAE | Sacciolepis chevalieri |
| PRECIS | POACEAE | Sacciolepis curvata |
| PRECIS | POACEAE | Sacciolepis spiciformis |
| PRECIS | POACEAE | Sacciolepis typhura |
| Acocks | POACEAE | Schizachyrium sanguineum |
| PRECIS (KZN) | POACEAE | Sehima galpinii |
| PRECIS | POACEAE | Setaria incrassata |
| Acocks | POACEAE | Setaria megaphylla |
| Acocks | POACEAE | Setaria nigrirostris |
| PRECIS | POACEAE | Setaria nigrirostris monstr. depauperata |
| PRECIS (KZN) | POACEAE | Setaria pumila |
| PRECIS (KZN) | POACEAE | Setaria rigida |
| PRECIS | POACEAE | Setaria sagittifolia |
| PRECIS | POACEAE | Setaria sp. |
| PRECIS | POACEAE | Setaria sphacelata var. sericea |
| PRECIS (KZN) | POACEAE | Setaria sphacelata var. sphacelata |
| PRECIS | POACEAE | Setaria sphacelata var. torta |
| PRECIS (KZN) | POACEAE | Setaria verticillata |
| PRECIS | POACEAE | Sorghastrum stipoides |
| PRECIS | POACEAE | Sorghum bicolor subsp. arundinaceum |
| PRECIS | POACEAE | Sorghum halepense |
| PRECIS | POACEAE | Sorghum sp. |
| PRECIS | POACEAE | Sorghum versicolor |
| Acocks | POACEAE | Sporobolus africanus |
| Acocks | POACEAE | Sporobolus centrifugus |
| PRECIS | POACEAE | Sporobolus congoensis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Acocks | POACEAE | Sporobolus discosporus |
| PRECIS | POACEAE | Sporobolus festivus |
| PRECIS | POACEAE | Sporobolus fimbriatus |
| Acocks | POACEAE | Sporobolus ioclados |
| PRECIS | POACEAE | Sporobolus natalensis |
| PRECIS | POACEAE | Sporobolus nitens |
| Acocks | POACEAE | Sporobolus pectinatus |
| PRECIS (KZN) | POACEAE | Sporobolus pyramidalis |
| PRECIS | POACEAE | Sporobolus sp. |
| PRECIS | POACEAE | Sporobolus stapfianus |
| PRECIS | POACEAE | Sporobolus subtilis |
| PRECIS (KZN) | POACEAE | Sporobolus subulatus |
| PRECIS | POACEAE | Sporobolus virginicus |
| PRECIS | POACEAE | Stenotaphrum secundatum |
| PRECIS | POACEAE | Stiburus alopecuroides |
| Acocks | POACEAE | Stiburus conrathii |
| PRECIS | POACEAE | Stipa dregeana var. elongata |
| PRECIS | POACEAE | Stipagrostis zeyheri subsp. barbata |
| PRECIS | POACEAE | Styppeiochloa gynoglossa |
| Acocks | POACEAE | Themeda triandra |
| PRECIS | POACEAE | Trachypogon spicatus |
| PRECIS (KZN) | POACEAE | Tragus berteronianus |
| PRECIS | POACEAE | Tragus racemosus |
| PRECIS | POACEAE | Tricholaena monachne |
| PRECIS | POACEAE | Trichoneura grandiglumis |
| PRECIS (KZN) | POACEAE | Trichopteryx dregeana |
| PRECIS | POACEAE | Tripogon minimus |
| Acocks | POACEAE | Triraphis andropogonoides |
| Acocks | POACEAE | Tristachya leucothrix |
| PRECIS | POACEAE | Urelytrum agropyroides |
| PRECIS | POACEAE | Urochloa mosambicensis |
| PRECIS | POACEAE | Urochloa panicoides |
| PRECIS (KZN) | POACEAE | Vetiveria nigritana |
| PRECIS | PODOCARPACEAE | Podocarpus falcatus |
| PRECIS | PODOCARPACEAE | Podocarpus henkelii |
| Acocks | PODOCARPACEAE | Podocarpus latifolius |
| PRECIS (KZN) | POLYGALACEAE | Heterosamara galpinii |
| PRECIS | POLYGALACEAE | Muraltia saxicola |
| PRECIS | POLYGALACEAE | Polygala albida subsp. albida |
| PRECIS (KZN) | POLYGALACEAE | Polygala amatymbica |
| PRECIS | POLYGALACEAE | Polygala capillaris subsp. capillaris |
| PRECIS | POLYGALACEAE | Polygala fruticosa |
| PRECIS (KZN) | POLYGALACEAE | Polygala gerrardii |
| PRECIS | POLYGALACEAE | Polygala gracilenta |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | POLYGALACEAE | Polygala gymnoclada |
| PRECIS | POLYGALACEAE | Polygala hispida |
| PRECIS | POLYGALACEAE | Polygala hottentotta |
| PRECIS | POLYGALACEAE | Polygala houtboshiana |
| PRECIS | POLYGALACEAE | Polygala leendertziae |
| PRECIS (KZN) | POLYGALACEAE | Polygala macowaniana |
| PRECIS | POLYGALACEAE | Polygala ohlendorfiana |
| PRECIS | POLYGALACEAE | Polygala producta |
| PRECIS (KZN) | POLYGALACEAE | Polygala rehmannii |
| PRECIS | POLYGALACEAE | Polygala rodrigueana |
| PRECIS (KZN) | POLYGALACEAE | Polygala serpentaria |
| PRECIS | POLYGALACEAE | Polygala sp. |
| PRECIS | POLYGALACEAE | Polygala sphenoptera |
| PRECIS | POLYGALACEAE | Polygala transvaalensis subsp. kagerensis |
| PRECIS | POLYGALACEAE | Polygala transvaalensis subsp. transvaalensis |
| PRECIS | POLYGALACEAE | Polygala uncinata |
| PRECIS | POLYGALACEAE | Polygala virgata var. decora |
| PRECIS | POLYGALACEAE | Polygala virgata var. virgata |
| PRECIS | POLYGALACEAE | Polygala wilmsii |
| PRECIS | POLYGONACEAE | Emex australis |
| PRECIS | POLYGONACEAE | Fagopyrum esculentum |
| PRECIS | POLYGONACEAE | Oxygonum dregeanum subsp. canescens var. canescens |
| PRECIS | POLYGONACEAE | Oxygonum dregeanum subsp. canescens var. linearifolium |
| PRECIS (KZN) | POLYGONACEAE | Oxygonum dregeanum subsp. dregeanum |
| PRECIS | POLYGONACEAE | Oxygonum dregeanum subsp. lanceolatum |
| PRECIS | POLYGONACEAE | Oxygonum dregeanum subsp. swazicum |
| PRECIS | POLYGONACEAE | Persicaria attenuata subsp. africana |
| PRECIS | POLYGONACEAE | Persicaria decipiens |
| PRECIS (KZN) | POLYGONACEAE | Persicaria hydropiper |
| PRECIS (KZN) | POLYGONACEAE | Persicaria lapathifolia |
| PRECIS | POLYGONACEAE | Persicaria meisneriana |
| PRECIS | POLYGONACEAE | Persicaria senegalensis forma albotomentosa |
| PRECIS (KZN) | POLYGONACEAE | Persicaria serrulata |
| PRECIS | POLYGONACEAE | Polygonum aviculare |
| PRECIS | POLYGONACEAE | Rumex acetosella subsp. angiocarpus |
| PRECIS | POLYGONACEAE | Rumex brownii |
| PRECIS | POLYGONACEAE | Rumex cordatus |
| PRECIS (KZN) | POLYGONACEAE | Rumex crispus |
| PRECIS | POLYGONACEAE | Rumex dregeanus subsp. montanus |
| PRECIS (KZN) | POLYGONACEAE | Rumex lanceolatus |
| PRECIS | POLYGONACEAE | Rumex rhodesius |
| PRECIS (KZN) | POLYGONACEAE | Rumex sagittatus |
| PRECIS | POLYGONACEAE | Rumex steudelii |
| PRECIS | POLYGONACEAE | Rumex woodii |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS (KZN) | POLYPODIACEAE | Lepisorus schraderi |
| Acocks | POLYPODIACEAE | Loxogramme abyssinica |
| PRECIS | POLYPODIACEAE | Microgramma mauritiana |
| Gardens (KBG) | POLYPODIACEAE | Microsorum punctatum |
| PRECIS | POLYPODIACEAE | Microsorum scolopendria |
| PRECIS | POLYPODIACEAE | Pleopeltis macrocarpa |
| PRECIS (KZN) | POLYPODIACEAE | Pleopeltis macrocarpa var. macrocarpa |
| PRECIS | POLYPODIACEAE | Pleopeltis polypodioides subsp. ecklonii |
| PRECIS | POLYPODIACEAE | Pleopeltis sp. |
| PRECIS | POLYPODIACEAE | Polypodium ensiforme |
| Acocks | POLYPODIACEAE | Polypodium polypodioides subsp. ecklonii |
| PRECIS (KZN) | POLYPODIACEAE | Polypodium sp. |
| PRECIS (KZN) | POLYPODIACEAE | Polypodium vulgare |
| Gardens (KBG) | POLYPODIACEAE | Pyrrosia africana |
| PRECIS | POLYTRICHACEAE | Atrichum androgynum |
| PRECIS | POLYTRICHACEAE | Pogonatum capense |
| PRECIS | POLYTRICHACEAE | Polytrichum commune |
| PRECIS | PONTEDERIACEAE | Eichhornia crassipes |
| PRECIS | PORELLACEAE | Porella capensis |
| PRECIS | PORELLACEAE | Porella vallis-gratiae |
| PRECIS | PORTULACACEAE | Portulaca kermesina |
| PRECIS | PORTULACACEAE | Portulaca oleracea |
| PRECIS (KZN) | PORTULACACEAE | Portulaca quadrifida |
| PRECIS | PORTULACACEAE | Portulacaria afra |
| Acocks | PORTULACACEAE | Talinum arnotii |
| PRECIS | PORTULACACEAE | Talinum caffrum |
| PRECIS | PORTULACACEAE | Talinum paniculatum |
| PRECIS | POTAMOGETONACEAE | Potamogeton crispus |
| PRECIS | POTAMOGETONACEAE | Potamogeton octandrus |
| PRECIS | POTAMOGETONACEAE | Potamogeton pectinatus |
| PRECIS | POTAMOGETONACEAE | Potamogeton pusillus |
| PRECIS | POTAMOGETONACEAE | Potamogeton schweinfurthii |
| PRECIS | POTAMOGETONACEAE | Potamogeton trichoides |
| PRECIS | POTTIACEAE | Anoectangium wilmsianum |
| PRECIS | POTTIACEAE | Barbula eubryum |
| PRECIS | POTTIACEAE | Barbula indica |
| PRECIS | POTTIACEAE | Bryoerythrophyllum campylocarpum |
| PRECIS | POTTIACEAE | Didymodon tophaceus |
| PRECIS | POTTIACEAE | Gymnostomum aeruginosum |
| PRECIS | POTTIACEAE | Hyophila involuta |
| PRECIS | POTTIACEAE | Hypodontium dregei |
| PRECIS | POTTIACEAE | Hypodontium pomiforme |
| PRECIS | POTTIACEAE | Leptophascum leptophyllum |
| PRECIS | POTTIACEAE | Syntrichia fragilis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | POTTIACEAE | Tortella humilis |
| PRECIS | POTTIACEAE | Tortella xanthocarpa |
| PRECIS | POTTIACEAE | Trichostomum brachydontium |
| PRECIS | POTTIACEAE | Trichostomum tenuirostre |
| PRECIS | POTTIACEAE | Weissia controversa |
| PRECIS | POTTIACEAE | Weissia latiuscula |
| PRECIS | PRIMULACEAE | Anagallis huttonii |
| PRECIS | PRIMULACEAE | Anagallis tenuicaulis |
| Protea Atlas | PROTEACEAE | Faurea macnaughtonii |
| Acocks | PROTEACEAE | Faurea rochetiana |
| PRECIS | PROTEACEAE | Faurea saligna |
| PRECIS (KZN) | PROTEACEAE | Grevillea banksii |
| Protea Atlas | PROTEACEAE | Grevillea robusta |
| Protea Atlas | PROTEACEAE | Hakea salicifolia |
| PRECIS (KZN) | PROTEACEAE | Hakea sericea |
| PRECIS | PROTEACEAE | Protea caffra |
| Protea Atlas | PROTEACEAE | Protea caffra caffra X gaguedi |
| Protea Atlas | PROTEACEAE | Protea caffra caffra X simplex |
| Protea Atlas | PROTEACEAE | Protea caffra subsp. caffra |
| Protea Atlas | PROTEACEAE | Protea comptonii |
| Protea Atlas | PROTEACEAE | Protea cordata |
| Protea Atlas | PROTEACEAE | Protea cynaroides |
| PRECIS | PROTEACEAE | Protea gaguedi |
| Protea Atlas | PROTEACEAE | Protea gaguedi X simplex |
| Protea Atlas | PROTEACEAE | Protea neriifolia |
| PRECIS | PROTEACEAE | Protea parvula |
| Protea Atlas | PROTEACEAE | Protea punctata |
| PRECIS | PROTEACEAE | Protea roupelliae |
| Acocks | PROTEACEAE | Protea roupelliae subsp. hamiltonii |
| PRECIS | PROTEACEAE | Protea roupelliae subsp. roupelliae |
| PRECIS (KZN) | PROTEACEAE | Protea simplex |
| Gardens (PRE) | PROTEACEAE | Protea sp. |
| Protea Atlas | PROTEACEAE | Protea speciosa |
| PRECIS | PROTEACEAE | Protea subvestita |
| PRECIS | PROTEACEAE | Protea welwitschii |
| PRECIS (KZN) | PROTEACEAE | Protea welwitschii subsp. welwitschii |
| PRECIS | PSILOTACEAE | Psilotum nudum |
| Acocks | PTAEROXYLACEAE | Ptaeroxylon obliquum |
| PRECIS (KZN) | PTERIDACEAE | Adiantum aethiopicum |
| PRECIS (KZN) | PTERIDACEAE | Adiantum capillus-veneris |
| PRECIS | PTERIDACEAE | Adiantum hispidulum var. hispidulum |
| PRECIS | PTERIDACEAE | Adiantum poiretii |
| PRECIS | PTERIDACEAE | Adiantum raddianum |
| Acocks | PTERIDACEAE | Cheilanthes bergiana |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Acocks | PTERIDACEAE | Cheilanthes deltoidea |
| PRECIS | PTERIDACEAE | Cheilanthes eckloniana |
| Acocks | PTERIDACEAE | Cheilanthes hirta |
| PRECIS | PTERIDACEAE | Cheilanthes hirta var. hirta |
| PRECIS | PTERIDACEAE | Cheilanthes hirta var. nemorosa |
| PRECIS | PTERIDACEAE | Cheilanthes involuta var. involuta |
| PRECIS | PTERIDACEAE | Cheilanthes involuta var. obscura |
| PRECIS (KZN) | PTERIDACEAE | Cheilanthes multifida |
| PRECIS | PTERIDACEAE | Cheilanthes multifida subsp. lacerata |
| PRECIS | PTERIDACEAE | Cheilanthes multifida var. multifida |
| PRECIS | PTERIDACEAE | Cheilanthes pentagona |
| PRECIS (KZN) | PTERIDACEAE | Cheilanthes quadripinnata |
| PRECIS (KZN) | PTERIDACEAE | Cheilanthes viridis var. glauca |
| PRECIS | PTERIDACEAE | Cheilanthes viridis var. macrophylla |
| PRECIS | PTERIDACEAE | Cheilanthes viridis var. viridis |
| Acocks | PTERIDACEAE | Doryopteris concolor |
| PRECIS (KZN) | PTERIDACEAE | Pellaea calomelanos var. calomelanos |
| PRECIS (KZN) | PTERIDACEAE | Pityrogramma argentea |
| PRECIS (KZN) | PTERIDACEAE | Pityrogramma calomelanos var. aureoflava |
| PRECIS (KZN) | PTERIDACEAE | Pteris buchananii |
| PRECIS | PTERIDACEAE | Pteris catoptera var. catoptera |
| PRECIS | PTERIDACEAE | Pteris cretica |
| PRECIS | PTERIDACEAE | Pteris dentata |
| PRECIS (KZN) | PTERIDACEAE | Pteris vittata |
| PRECIS | PTEROBRYACEAE | Orthostichopsis pinnatella |
| PRECIS | PTEROBRYACEAE | Pterobryopsis hoehnelii |
| PRECIS | PTEROBRYACEAE | Pterobryopsis sp. |
| PRECIS | PTYCHOMITRIACEAE | Ptychomitrium crispatum |
| PRECIS | PTYCHOMITRIACEAE | Ptychomitrium depressum |
| PRECIS | PTYCHOMITRIACEAE | Ptychomitrium sellowianum |
| PRECIS | PTYCHOMITRIACEAE | Ptychomitrium subcrispatum |
| PRECIS | PUTRANJIVACEAE | Drypetes gerrardii var. gerrardii |
| PRECIS | PYRENULACEAE | Pyrenula sp. |
| PRECIS | RACOPILACEAE | Racopilum capense |
| PRECIS | RADULACEAE | Radula holstiana |
| PRECIS | RADULACEAE | Radula lindenbergiana |
| PRECIS | RAMALINACEAE | Ramalina celastri subsp. celastri |
| PRECIS | RAMALINACEAE | Ramalina farinacea |
| PRECIS | RAMALINACEAE | Ramalina fecunda |
| PRECIS (KZN) | RANUNCULACEAE | Anemone caffra |
| PRECIS | RANUNCULACEAE | Clematis brachiata |
| PRECIS | RANUNCULACEAE | Clematis oweniae |
| Acocks | RANUNCULACEAE | Knowltonia bracteata |
| PRECIS (KZN) | RANUNCULACEAE | Knowltonia brevistylis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Gardens (PRE) | RANUNCULACEAE | Knowltonia sp. |
| PRECIS | RANUNCULACEAE | Knowltonia transvaalensis var. transvaalensis |
| PRECIS (KZN) | RANUNCULACEAE | Ranunculus baurii |
| PRECIS (KZN) | RANUNCULACEAE | Ranunculus meyeri |
| PRECIS | RANUNCULACEAE | Ranunculus multifidus |
| PRECIS (KZN) | RANUNCULACEAE | Thalictrum rhynchocarpum |
| Acocks | RESTIONACEAE | Ischyrolepis schoenoides |
| Acocks | RHAMNACEAE | Berchemia zeyheri |
| Acocks | RHAMNACEAE | Helinus integrifolius |
| PRECIS | RHAMNACEAE | Phylica paniculata |
| Acocks | RHAMNACEAE | Rhamnus prinoides |
| Acocks | RHAMNACEAE | Scutia myrtina |
| Acocks | RHAMNACEAE | Ziziphus mucronata subsp. mucronata |
| Acocks | RHAMNACEAE | Ziziphus zeyheriana |
| PRECIS | RHIZOGONIACEAE | Pyrrhobryum spiniforme |
| PRECIS | RHIZOPHORACEAE | Bruguiera gymnorrhiza |
| PRECIS (KZN) | RHIZOPHORACEAE | Cassipourea gerrardii |
| PRECIS | RHIZOPHORACEAE | Cassipourea gummiflua var. verticillata |
| PRECIS | RHIZOPHORACEAE | Cassipourea malosana |
| PRECIS | RICCIACEAE | Riccia albolimbata |
| PRECIS | RICCIACEAE | Riccia atropurpurea |
| PRECIS | RICCIACEAE | Riccia natalensis |
| PRECIS | RICCIACEAE | Riccia nigrella |
| PRECIS | RICCIACEAE | Riccia okahandjana |
| PRECIS | RICCIACEAE | Riccia stricta |
| Acocks | ROSACEAE | Agrimonia bracteata |
| PRECIS (KZN) | ROSACEAE | Agrimonia procera |
| PRECIS (KZN) | ROSACEAE | Alchemilla bakeri |
| PRECIS | ROSACEAE | Alchemilla capensis |
| PRECIS | ROSACEAE | Alchemilla kiwuensis |
| PRECIS | ROSACEAE | Alchemilla natalensis |
| PRECIS | ROSACEAE | Alchemilla sp. |
| PRECIS | ROSACEAE | Alchemilla woodii |
| Acocks | ROSACEAE | Cliffortia linearifolia |
| PRECIS | ROSACEAE | Cliffortia nitidula subsp. pilosa |
| PRECIS (KZN) | ROSACEAE | Cliffortia paucistaminea |
| Acocks | ROSACEAE | Cliffortia repens |
| PRECIS | ROSACEAE | Cliffortia serpyllifolia |
| PRECIS | ROSACEAE | Cliffortia sp. |
| Acocks | ROSACEAE | Cliffortia strobilifera |
| PRECIS | ROSACEAE | Geum capense |
| PRECIS (KZN) | ROSACEAE | Leucosidea sericea |
| PRECIS (KZN) | ROSACEAE | Prunus africana |
| PRECIS | ROSACEAE | Rosa rubiginosa |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | ROSACEAE | Rubus apetalus var. apetalus |
| PRECIS | ROSACEAE | Rubus cuneifolius |
| PRECIS | ROSACEAE | Rubus ludwigii subsp. ludwigii |
| PRECIS | ROSACEAE | Rubus ludwigii subsp. spatiosus |
| PRECIS | ROSACEAE | Rubus pinnatus |
| PRECIS | ROSACEAE | Rubus rigidus |
| PRECIS | ROSACEAE | Rubus rosifolius |
| PRECIS | ROSACEAE | Rubus sp. |
| PRECIS | ROSACEAE | Rubus x proteus |
| PRECIS | RUBIACEAE | Afrocanthium mundianum |
| PRECIS | RUBIACEAE | Agathisanthemum bojeri subsp. bojeri |
| PRECIS | RUBIACEAE | Alberta magna |
| PRECIS | RUBIACEAE | Anthospermum galpinii |
| PRECIS | RUBIACEAE | Anthospermum herbaceum |
| PRECIS | RUBIACEAE | Anthospermum hispidulum |
| PRECIS | RUBIACEAE | Anthospermum rigidum subsp. pumilum |
| PRECIS | RUBIACEAE | Anthospermum rigidum subsp. rigidum |
| PRECIS | RUBIACEAE | Anthospermum sp. |
| PRECIS | RUBIACEAE | Anthospermum welwitschii |
| Acocks | RUBIACEAE | Burchellia bubalina |
| PRECIS | RUBIACEAE | Canthium armatum |
| Acocks | RUBIACEAE | Canthium ciliatum |
| Acocks | RUBIACEAE | Canthium gilfillanii |
| PRECIS | RUBIACEAE | Canthium inerme |
| PRECIS | RUBIACEAE | Canthium kuntzeanum |
| Acocks | RUBIACEAE | Canthium mundianum |
| PRECIS | RUBIACEAE | Canthium setiflorum subsp. setiflorum |
| Acocks | RUBIACEAE | Canthium spinosum |
| PRECIS | RUBIACEAE | Canthium suberosum |
| MSB | RUBIACEAE | Catunaregam spinosa subsp. spinosa |
| PRECIS | RUBIACEAE | Cephalanthus natalensis |
| Acocks | RUBIACEAE | Coddia rudis |
| PRECIS | RUBIACEAE | Conostomium natalense var. glabrum |
| Acocks | RUBIACEAE | Conostomium natalense var. natalense |
| PRECIS | RUBIACEAE | Coptosperma supra-axillare |
| PRECIS | RUBIACEAE | Galium capense subsp. capense |
| PRECIS | RUBIACEAE | Galium capense subsp. garipense var. garipense |
| PRECIS | RUBIACEAE | Galium scabrelloides |
| PRECIS | RUBIACEAE | Galium sp. |
| PRECIS | RUBIACEAE | Galium spurium subsp. africanum |
| PRECIS | RUBIACEAE | Galium spurium-aparine |
| PRECIS | RUBIACEAE | Galium subvillosum var. subvillosum |
| PRECIS | RUBIACEAE | Galium thunbergianum var. hirsutum |
| PRECIS | RUBIACEAE | Galium thunbergianum var. thunbergianum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | RUBIACEAE | Galopina aspera |
| Acocks | RUBIACEAE | Galopina circaeoides |
| PRECIS | RUBIACEAE | Gardenia cornuta |
| PRECIS (KZN) | RUBIACEAE | Gardenia lutea |
| PRECIS | RUBIACEAE | Gardenia sp. |
| PRECIS | RUBIACEAE | Gardenia thunbergia |
| PRECIS | RUBIACEAE | Gardenia volkensii subsp. volkensii var. saundersiae |
| PRECIS | RUBIACEAE | Gardenia volkensii subsp. volkensii var. volkensii |
| PRECIS | RUBIACEAE | Geophila repens |
| Acocks | RUBIACEAE | Hyperacanthus amoenus |
| Acocks | RUBIACEAE | Keetia gueinzii |
| PRECIS | RUBIACEAE | Kohautia amatymbica |
| PRECIS | RUBIACEAE | Kohautia caespitosa subsp. brachyloba |
| PRECIS | RUBIACEAE | Kohautia virgata |
| PRECIS | RUBIACEAE | Kraussia floribunda |
| PRECIS (KZN) | RUBIACEAE | Lagynias lasiantha |
| PRECIS | RUBIACEAE | Lagynias monteiroi |
| PRECIS | RUBIACEAE | Mitriostigma axillare |
| PRECIS | RUBIACEAE | Mitriostigma sp. |
| PRECIS | RUBIACEAE | Oldenlandia affinis subsp. fugax |
| PRECIS | RUBIACEAE | Oldenlandia cephalotes |
| PRECIS (KZN) | RUBIACEAE | Oldenlandia herbacea var. flaccida |
| PRECIS | RUBIACEAE | Oldenlandia herbacea var. herbacea |
| PRECIS | RUBIACEAE | Oldenlandia rupicola var. rupicola |
| PRECIS | RUBIACEAE | Otiophora calycophylla subsp. calycophylla |
| Gardens (KBG) | RUBIACEAE | Oxyanthus latifolius |
| PRECIS | RUBIACEAE | Oxyanthus sp. |
| Acocks | RUBIACEAE | Oxyanthus speciosus subsp. gerrardii |
| PRECIS | RUBIACEAE | Pachystigma bowkeri |
| PRECIS | RUBIACEAE | Pachystigma latifolium |
| PRECIS | RUBIACEAE | Pachystigma macrocalyx |
| Acocks | RUBIACEAE | Pachystigma pygmaeum |
| PRECIS | RUBIACEAE | Pachystigma thamnus |
| PRECIS (KZN) | RUBIACEAE | Pachystigma venosum |
| PRECIS | RUBIACEAE | Pavetta barbertonensis |
| PRECIS | RUBIACEAE | Pavetta capensis subsp. komghensis |
| Acocks | RUBIACEAE | Pavetta cooperi |
| PRECIS | RUBIACEAE | Pavetta edentula |
| PRECIS (KZN) | RUBIACEAE | Pavetta galpinii |
| PRECIS | RUBIACEAE | Pavetta gardeniifolia var. gardeniifolia |
| PRECIS | RUBIACEAE | Pavetta gardeniifolia var. subtomentosa |
| Acocks | RUBIACEAE | Pavetta gracilifolia |
| PRECIS | RUBIACEAE | Pavetta inandensis |
| PRECIS | RUBIACEAE | Pavetta kotzei |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Acocks | RUBIACEAE | Pavetta lanceolata |
| PRECIS | RUBIACEAE | Pavetta natalensis |
| PRECIS | RUBIACEAE | Pavetta revoluta |
| PRECIS | RUBIACEAE | Pavetta schumanniana |
| PRECIS | RUBIACEAE | Pentanisia angustifolia |
| PRECIS | RUBIACEAE | Pentanisia prunelloides |
| Acocks | RUBIACEAE | Pentanisia prunelloides subsp. latifolia |
| PRECIS | RUBIACEAE | Pentanisia prunelloides subsp. prunelloides |
| Gardens (PRE) | RUBIACEAE | Pentanisia sp. |
| PRECIS | RUBIACEAE | Pentas micrantha subsp. wyliei |
| PRECIS | RUBIACEAE | Pentodon pentandrus var. minor |
| PRECIS | RUBIACEAE | Phylohydrax carnosa |
| Acocks | RUBIACEAE | Psychotria capensis subsp. capensis var. capensis |
| PRECIS | RUBIACEAE | Psychotria zombamontana |
| PRECIS | RUBIACEAE | Psydrax locuples |
| Acocks | RUBIACEAE | Psydrax obovata subsp. obovata |
| PRECIS | RUBIACEAE | Pygmaeothamnus chamaedendrum var. chamaedendrum |
| Acocks | RUBIACEAE | Pygmaeothamnus chamaedendrum var. setulosus |
| PRECIS | RUBIACEAE | Pygmaeothamnus sp. |
| Acocks | RUBIACEAE | Pygmaeothamnus zeyheri var. rogersii |
| PRECIS | RUBIACEAE | Pyrostria hystrix |
| PRECIS (KZN) | RUBIACEAE | Richardia brasiliensis |
| Acocks | RUBIACEAE | Rothmannia capensis |
| PRECIS | RUBIACEAE | Rothmannia globosa |
| PRECIS | RUBIACEAE | Rubia cordifolia subsp. conotricha |
| PRECIS | RUBIACEAE | Rubia horrida |
| PRECIS | RUBIACEAE | Rubia petiolaris |
| Acocks | RUBIACEAE | Spermacoce natalensis |
| PRECIS | RUBIACEAE | Spermacoce sp. |
| Acocks | RUBIACEAE | Tarenna pavettoides subsp. pavettoides |
| Acocks | RUBIACEAE | Tricalysia capensis var. capensis |
| PRECIS | RUBIACEAE | Tricalysia delagoensis |
| PRECIS | RUBIACEAE | Tricalysia junodii var. junodii |
| Acocks | RUBIACEAE | Tricalysia lanceolata |
| PRECIS | RUBIACEAE | Tricalysia sonderiana var. sonderiana |
| PRECIS | RUBIACEAE | Tricalysia sp. |
| PRECIS | RUBIACEAE | Vangueria cyanescens |
| Acocks | RUBIACEAE | Vangueria infausta subsp. infausta |
| Acocks | RUBIACEAE | Vangueria parvifolia |
| PRECIS (KZN) | RUBIACEAE | Vangueria randii subsp. chartacea |
| Gardens (PRE) | RUTACEAE | Agathosma sp. |
| PRECIS | RUTACEAE | Calodendrum capense |
| PRECIS (KZN) | RUTACEAE | Casimiroa edulis |
| PRECIS (KZN) | RUTACEAE | Clausena anisata var. anisata |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | RUTACEAE | Oricia sp. |
| PRECIS | RUTACEAE | Teclea gerrardii |
| PRECIS | RUTACEAE | Teclea natalensis |
| PRECIS | RUTACEAE | Toddaliopsis bremekampii |
| Acocks | RUTACEAE | Vepris lanceolata |
| PRECIS (KZN) | RUTACEAE | Vepris reflexa |
| PRECIS | RUTACEAE | Vepris sp. |
| Acocks | RUTACEAE | Zanthoxylum capense |
| Acocks | RUTACEAE | Zanthoxylum davyi |
| Acocks | SALICACEAE | Dovyalis caffra |
| Acocks | SALICACEAE | Dovyalis lucida |
| PRECIS | SALICACEAE | Dovyalis rhamnoides |
| PRECIS | SALICACEAE | Dovyalis sp. |
| PRECIS | SALICACEAE | Homalium dentatum |
| PRECIS | SALICACEAE | Homalium sp. |
| PRECIS | SALICACEAE | Oncoba spinosa |
| MSB | SALICACEAE | Oncoba spinosa subsp. spinosa |
| PRECIS | SALICACEAE | Salix babylonica var. babylonica |
| PRECIS | SALICACEAE | Salix mucronata subsp. woodii |
| PRECIS | SALICACEAE | Scolopia mundii |
| PRECIS | SALICACEAE | Scolopia oreophila |
| PRECIS | SALICACEAE | Scolopia stolzii var. stolzii |
| Acocks | SALICACEAE | Scolopia zeyheri |
| Acocks | SALICACEAE | Trimeria grandifolia subsp. grandifolia |
| PRECIS | SALICACEAE | Trimeria trinervis |
| Acocks | SALVADORACEAE | Azima tetracantha |
| PRECIS | SAMYDACEAE | Casearia gladiiformis |
| PRECIS | SANTALACEAE | Osyridicarpos schimperianus |
| Acocks | SANTALACEAE | Osyridicarpus schimperianus |
| PRECIS | SANTALACEAE | Osyris compressa |
| PRECIS (KZN) | SANTALACEAE | Osyris lanceolata |
| PRECIS (KZN) | SANTALACEAE | Thesium angulosum |
| PRECIS | SANTALACEAE | Thesium asterias |
| PRECIS (KZN) | SANTALACEAE | Thesium cornigerum |
| Acocks | SANTALACEAE | Thesium costatum var. costatum |
| PRECIS (KZN) | SANTALACEAE | Thesium costatum var. juniperinum |
| PRECIS (KZN) | SANTALACEAE | Thesium deceptum |
| PRECIS (KZN) | SANTALACEAE | Thesium goetzeanum |
| PRECIS | SANTALACEAE | Thesium gracilarioides |
| PRECIS (KZN) | SANTALACEAE | Thesium gypsophiloides |
| PRECIS | SANTALACEAE | Thesium imbricatum |
| PRECIS | SANTALACEAE | Thesium impeditum |
| PRECIS | SANTALACEAE | Thesium junceum var. junceum |
| Acocks | SANTALACEAE | Thesium natalense |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | SANTALACEAE | Thesium nigrum |
| PRECIS (KZN) | SANTALACEAE | Thesium polygaloides |
| PRECIS | SANTALACEAE | Thesium pottiae |
| PRECIS | SANTALACEAE | Thesium racemosum |
| PRECIS (KZN) | SANTALACEAE | Thesium rasum |
| PRECIS | SANTALACEAE | Thesium resedoides |
| PRECIS | SANTALACEAE | Thesium sp. |
| PRECIS | SANTALACEAE | Thesium spartioides |
| PRECIS | SANTALACEAE | Thesium triflorum |
| PRECIS | SANTALACEAE | Thesium utile |
| PRECIS (KZN) | SANTALACEAE | Thesium virens |
| Acocks | SAPINDACEAE | Allophylus dregeanus |
| Acocks | SAPINDACEAE | Allophylus melanocarpus |
| PRECIS | SAPINDACEAE | Allophylus natalensis |
| PRECIS | SAPINDACEAE | Allophylus transvaalensis |
| Gardens (KBG) | SAPINDACEAE | Atalaya natalensis |
| PRECIS (KZN) | SAPINDACEAE | Blighia unijugata |
| PRECIS | SAPINDACEAE | Cardiospermum grandiflorum |
| PRECIS | SAPINDACEAE | Cardiospermum halicacabum var. microcarpum |
| PRECIS | SAPINDACEAE | Deinbollia oblongifolia |
| PRECIS | SAPINDACEAE | Dodonaea angustifolia |
| Acocks | SAPINDACEAE | Hippobromus pauciflorus |
| PRECIS | SAPINDACEAE | Pancovia golungensis |
| Acocks | SAPINDACEAE | Pappea capensis |
| PRECIS (KZN) | SAPOTACEAE | Baillonella toxisperma var. obovata |
| PRECIS | SAPOTACEAE | Chrysophyllum sp. |
| Gardens (KBG) | SAPOTACEAE | Chrysophyllum viridifolium |
| PRECIS | SAPOTACEAE | Englerophytum magalismontanum |
| Acocks | SAPOTACEAE | Englerophytum natalense |
| PRECIS | SAPOTACEAE | Inhambanella henriquesii |
| PRECIS | SAPOTACEAE | Manilkara concolor |
| PRECIS | SAPOTACEAE | Manilkara discolor |
| PRECIS | SAPOTACEAE | Manilkara mochisia |
| PRECIS | SAPOTACEAE | Mimusops caffra |
| PRECIS | SAPOTACEAE | Mimusops obovata |
| Acocks | SAPOTACEAE | Sideroxylon inerme subsp. inerme |
| PRECIS | SAPOTACEAE | Vitellariopsis marginata |
| PRECIS (KZN) | SCHIZAEACEAE | Schizaea pectinata |
| Acocks | SCROPHULARIACEAE | Anastrabe integerrima |
| PRECIS (KZN) | SCROPHULARIACEAE | Anastrabe integerrima var. serrulata |
| PRECIS | SCROPHULARIACEAE | Bowkeria citrina |
| PRECIS | SCROPHULARIACEAE | Bowkeria verticillata |
| PRECIS | SCROPHULARIACEAE | Chaenostoma floribundum |
| PRECIS | SCROPHULARIACEAE | Chaenostoma neglectum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | SCROPHULARIACEAE | Chaenostoma polelense subsp. fraterna |
| PRECIS | SCROPHULARIACEAE | Chaenostoma sp. |
| PRECIS | SCROPHULARIACEAE | Crepidorhopalon debilis |
| PRECIS | SCROPHULARIACEAE | Dermatobotrys saundersii |
| PRECIS | SCROPHULARIACEAE | Diclis reptans |
| PRECIS | SCROPHULARIACEAE | Diclis rotundifolia |
| Acocks | SCROPHULARIACEAE | Halleria lucida |
| PRECIS (KZN) | SCROPHULARIACEAE | Halleria lucida var. á |
| PRECIS | SCROPHULARIACEAE | Hebenstretia comosa |
| Acocks | SCROPHULARIACEAE | Hebenstretia dentata |
| PRECIS | SCROPHULARIACEAE | Hebenstretia dura |
| PRECIS | SCROPHULARIACEAE | Hebenstretia integrifolia |
| PRECIS | SCROPHULARIACEAE | Hebenstretia oatesii subsp. oatesii |
| PRECIS | SCROPHULARIACEAE | Hebenstretia rehmannii |
| MSB | SCROPHULARIACEAE | Hebenstretia sp. |
| PRECIS | SCROPHULARIACEAE | Ilysanthes wilmsii |
| PRECIS | SCROPHULARIACEAE | Jamesbrittenia aurantiaca |
| PRECIS | SCROPHULARIACEAE | Jamesbrittenia burkeana |
| PRECIS | SCROPHULARIACEAE | Jamesbrittenia kraussiana |
| PRECIS | SCROPHULARIACEAE | Jamesbrittenia montana |
| PRECIS | SCROPHULARIACEAE | Jamesbrittenia pristisepala |
| PRECIS | SCROPHULARIACEAE | Jamesbrittenia silenoides |
| PRECIS | SCROPHULARIACEAE | Jamesbrittenia sp. |
| PRECIS (KZN) | SCROPHULARIACEAE | Limosella africana var. africana |
| PRECIS | SCROPHULARIACEAE | Limosella longiflora |
| PRECIS | SCROPHULARIACEAE | Limosella maior |
| PRECIS | SCROPHULARIACEAE | Lindernia conferta |
| PRECIS | SCROPHULARIACEAE | Lindernia nana |
| PRECIS | SCROPHULARIACEAE | Lindernia parviflora |
| PRECIS | SCROPHULARIACEAE | Lindernia wilmsii |
| PRECIS | SCROPHULARIACEAE | Manulea buchneroides |
| PRECIS | SCROPHULARIACEAE | Manulea conferta |
| PRECIS | SCROPHULARIACEAE | Manulea parviflora var. limonioides |
| PRECIS | SCROPHULARIACEAE | Manulea parviflora var. parviflora |
| MSB | SCROPHULARIACEAE | Manulea rhodantha subsp. aurantiaca |
| PRECIS | SCROPHULARIACEAE | Manulea sp. |
| PRECIS | SCROPHULARIACEAE | Melanospermum italae |
| PRECIS | SCROPHULARIACEAE | Melanospermum sp. |
| PRECIS | SCROPHULARIACEAE | Melanospermum swazicum |
| PRECIS | SCROPHULARIACEAE | Mimulus gracilis |
| Gardens (PRE) | SCROPHULARIACEAE | Mimulus sp. |
| PRECIS | SCROPHULARIACEAE | Nemesia affinis |
| PRECIS | SCROPHULARIACEAE | Nemesia albiflora |
| PRECIS | SCROPHULARIACEAE | Nemesia caerulea |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | SCROPHULARIACEAE | Nemesia denticulata |
| PRECIS | SCROPHULARIACEAE | Nemesia fruticans |
| PRECIS | SCROPHULARIACEAE | Nemesia melissifolia |
| PRECIS | SCROPHULARIACEAE | Nemesia rupicola |
| MSB | SCROPHULARIACEAE | Nemesia sp. |
| PRECIS | SCROPHULARIACEAE | Nemesia umbonata |
| PRECIS | SCROPHULARIACEAE | Peliostomum calycinum |
| PRECIS | SCROPHULARIACEAE | Phygelius aequalis |
| Gardens (PRE) | SCROPHULARIACEAE | Phygelius sp. |
| PRECIS (KZN) | SCROPHULARIACEAE | Scoparia dulcis |
| PRECIS | SCROPHULARIACEAE | Selago barbula |
| PRECIS | SCROPHULARIACEAE | Selago capitellata |
| PRECIS | SCROPHULARIACEAE | Selago compacta |
| PRECIS | SCROPHULARIACEAE | Selago cucullata |
| Acocks | SCROPHULARIACEAE | Selago densiflora |
| PRECIS | SCROPHULARIACEAE | Selago elata |
| PRECIS | SCROPHULARIACEAE | Selago elongata |
| PRECIS | SCROPHULARIACEAE | Selago galpinii |
| PRECIS | SCROPHULARIACEAE | Selago glabrata |
| PRECIS | SCROPHULARIACEAE | Selago hyssopifolia subsp. hyssopifolia |
| PRECIS | SCROPHULARIACEAE | Selago longicalyx |
| PRECIS | SCROPHULARIACEAE | Selago longipedicellata |
| PRECIS (KZN) | SCROPHULARIACEAE | Selago peduncularis |
| Gardens (PRE) | SCROPHULARIACEAE | Selago sp. |
| PRECIS | SCROPHULARIACEAE | Selago tarachodes |
| PRECIS | SCROPHULARIACEAE | Selago tenuifolia |
| PRECIS | SCROPHULARIACEAE | Selago zuluensis |
| Acocks | SCROPHULARIACEAE | Sutera floribunda |
| PRECIS (KZN) | SCROPHULARIACEAE | Sutera neglecta |
| Acocks | SCROPHULARIACEAE | Tetraselago natalensis |
| Acocks | SCROPHULARIACEAE | Tetraselago wilmsii |
| PRECIS | SCROPHULARIACEAE | Veronica anagallis-aquatica |
| PRECIS | SCROPHULARIACEAE | Zaluzianskya distans |
| PRECIS | SCROPHULARIACEAE | Zaluzianskya elongata |
| PRECIS | SCROPHULARIACEAE | Zaluzianskya maritima |
| PRECIS | SCROPHULARIACEAE | Zaluzianskya microsiphon |
| PRECIS | SCROPHULARIACEAE | Zaluzianskya natalensis |
| PRECIS | SCROPHULARIACEAE | Zaluzianskya pachyrrhiza |
| PRECIS | SCROPHULARIACEAE | Zaluzianskya pulvinata |
| PRECIS | SCROPHULARIACEAE | Zaluzianskya sp. |
| PRECIS | SCROPHULARIACEAE | Zaluzianskya spathacea |
| PRECIS (KZN) | SELAGINELLACEAE | Selaginella dregei |
| PRECIS | SELAGINELLACEAE | Selaginella kraussiana |
| PRECIS (KZN) | SELAGINELLACEAE | Selaginella mittenii |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | SEMATOPHYLLACEAE | Sematophyllum brachycarpum |
| PRECIS | SEMATOPHYLLACEAE | Sematophyllum dregei |
| PRECIS | SEMATOPHYLLACEAE | Sematophyllum gueinzii |
| PRECIS | SEMATOPHYLLACEAE | Sematophyllum sp. |
| PRECIS | SEMATOPHYLLACEAE | Sematophyllum sphaeropyxis |
| PRECIS | SEMATOPHYLLACEAE | Sematophyllum subpinnatum |
| PRECIS | SEMATOPHYLLACEAE | Sematophyllum zuluense |
| Acocks | SMILACACEAE | Smilax anceps |
| PRECIS (KZN) | SOLANACEAE | Cestrum laevigatum |
| PRECIS | SOLANACEAE | Datura ferox |
| PRECIS | SOLANACEAE | Datura sp. |
| PRECIS (KZN) | SOLANACEAE | Datura stramonium |
| PRECIS | SOLANACEAE | Lycium acutifolium |
| PRECIS | SOLANACEAE | Physalis angulata |
| PRECIS (KZN) | SOLANACEAE | Physalis peruviana |
| PRECIS (KZN) | SOLANACEAE | Solanum acanthoideum |
| PRECIS | SOLANACEAE | Solanum aculeastrum subsp. aculeastrum |
| Acocks | SOLANACEAE | Solanum aculeatissimum |
| PRECIS (KZN) | SOLANACEAE | Solanum anguivi |
| PRECIS (KZN) | SOLANACEAE | Solanum auriculatum |
| PRECIS | SOLANACEAE | Solanum capense |
| MSB | SOLANACEAE | Solanum catombelense |
| PRECIS | SOLANACEAE | Solanum coccineum |
| PRECIS | SOLANACEAE | Solanum didymanthum |
| Acocks | SOLANACEAE | Solanum giganteum |
| PRECIS (KZN) | SOLANACEAE | Solanum incanum |
| Acocks | SOLANACEAE | Solanum incanum subsp. incanum |
| PRECIS | SOLANACEAE | Solanum lichtensteinii |
| PRECIS | SOLANACEAE | Solanum linnaeanum |
| MSB | SOLANACEAE | Solanum macrocarpon |
| Acocks | SOLANACEAE | Solanum mauritianum |
| PRECIS | SOLANACEAE | Solanum monotanthum |
| PRECIS | SOLANACEAE | Solanum nigrum |
| PRECIS | SOLANACEAE | Solanum nodiflorum |
| PRECIS | SOLANACEAE | Solanum panduriforme |
| PRECIS (KZN) | SOLANACEAE | Solanum pseudocapsicum |
| PRECIS | SOLANACEAE | Solanum retroflexum |
| PRECIS (KZN) | SOLANACEAE | Solanum rigescens |
| Acocks | SOLANACEAE | Solanum rubetorum |
| PRECIS (KZN) | SOLANACEAE | Solanum seaforthianum var. disjunctum |
| PRECIS (KZN) | SOLANACEAE | Solanum sisymbriifolium |
| PRECIS (KZN) | SOLANACEAE | Solanum sp. |
| PRECIS | SOLANACEAE | Solanum terminale subsp. terminale |
| PRECIS | SOLANACEAE | Solanum tomentosum var. tomentosum |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | SOLANACEAE | Solanum viarum |
| Acocks | SOLANACEAE | Withania somnifera |
| PRECIS | SPHAGNACEAE | Sphagnum strictum subsp. pappeanum |
| PRECIS | SPHAGNACEAE | Sphagnum truncatum |
| Acocks | STANGERIACEAE | Stangeria eriopus |
| PRECIS (KZN) | STERCULIACEAE | Hermannia parviflora |
| PRECIS | STEREOPHYLLACEAE | Entodontopsis sp. |
| PRECIS | STEREOPHYLLACEAE | Stereophyllum natalense |
| Acocks | STRELITZIACEAE | Strelitzia nicolai |
| PRECIS (KZN) | STRELITZIACEAE | Strelitzia reginae |
| PRECIS | STRELITZIACEAE | Strelitzia reginae subsp. reginae |
| PRECIS | STRIGULACEAE | Strigula elegans var. elegans |
| PRECIS | STRYCHNACEAE | Strychnos decussata |
| PRECIS | STRYCHNACEAE | Strychnos gerrardii |
| Acocks | STRYCHNACEAE | Strychnos henningsii |
| PRECIS (KZN) | STRYCHNACEAE | Strychnos innocua subsp. innocua |
| Acocks | STRYCHNACEAE | Strychnos madagascariensis |
| PRECIS | STRYCHNACEAE | Strychnos mitis |
| PRECIS (KZN) | STRYCHNACEAE | Strychnos spinosa |
| PRECIS | STRYCHNACEAE | Strychnos spinosa subsp. spinosa |
| PRECIS | STRYCHNACEAE | Strychnos usambarensis |
| PRECIS | TECTARIACEAE | Ctenitis lanuginosa |
| PRECIS | TECTARIACEAE | Megalastrum lanuginosum |
| PRECIS | TELOSCHISTACEAE | Caloplaca sp. |
| PRECIS | TELOSCHISTACEAE | Caloplaca subnitida |
| PRECIS | TELOSCHISTACEAE | Teloschistes hypoglaucus |
| PRECIS | THELOTREMATACEAE | Thelotrema capense |
| PRECIS | THELYPTERIDACEAE | Ampelopteris sp. |
| PRECIS | THELYPTERIDACEAE | Christella dentata |
| PRECIS | THELYPTERIDACEAE | Christella gueinziana |
| PRECIS (KZN) | THELYPTERIDACEAE | Cyclosorus interruptus |
| PRECIS | THELYPTERIDACEAE | Macrothelypteris torresiana |
| Gardens (KBG) | THELYPTERIDACEAE | Pneumatopteris unita |
| PRECIS | THELYPTERIDACEAE | Stegnogramma pozoi |
| PRECIS | THELYPTERIDACEAE | Thelypteris confluens |
| PRECIS (KZN) | THELYPTERIDACEAE | Thelypteris dentata |
| PRECIS | THELYPTERIDACEAE | Thelypteris dentata var. buchananii |
| PRECIS | THELYPTERIDACEAE | Thelypteris hispidula |
| PRECIS | THEOPHRASTACEAE | Samolus valerandi |
| PRECIS (KZN) | THUIDIACEAE | Alepidea sp. |
| PRECIS | THUIDIACEAE | Cyrtohypnum versicolor |
| PRECIS | THUIDIACEAE | Rauiella praelonga |
| PRECIS | THUIDIACEAE | Thuidium matarumense |
| Acocks | THYMELAEACEAE | Dais cotinifolia |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | THYMELAEACEAE | Englerodaphne ovalifolia |
| Acocks | THYMELAEACEAE | Gnidia albosericea |
| PRECIS | THYMELAEACEAE | Gnidia anthylloides |
| PRECIS (KZN) | THYMELAEACEAE | Gnidia baurii |
| PRECIS | THYMELAEACEAE | Gnidia burchellii |
| PRECIS | THYMELAEACEAE | Gnidia caffra |
| PRECIS | THYMELAEACEAE | Gnidia calocephala |
| PRECIS | THYMELAEACEAE | Gnidia canoargentea |
| Acocks | THYMELAEACEAE | Gnidia capitata |
| PRECIS | THYMELAEACEAE | Gnidia chrysophylla |
| PRECIS | THYMELAEACEAE | Gnidia cuneata |
| PRECIS | THYMELAEACEAE | Gnidia fastigiata |
| PRECIS | THYMELAEACEAE | Gnidia gymnostachya |
| PRECIS | THYMELAEACEAE | Gnidia kraussiana |
| PRECIS | THYMELAEACEAE | Gnidia kraussiana var. kraussiana |
| PRECIS | THYMELAEACEAE | Gnidia microcephala |
| PRECIS | THYMELAEACEAE | Gnidia nodiflora |
| PRECIS | THYMELAEACEAE | Gnidia polyantha |
| Acocks | THYMELAEACEAE | Gnidia robusta |
| PRECIS | THYMELAEACEAE | Gnidia sericea |
| Acocks | THYMELAEACEAE | Gnidia similis |
| PRECIS | THYMELAEACEAE | Gnidia sp. |
| Acocks | THYMELAEACEAE | Gnidia splendens |
| PRECIS | THYMELAEACEAE | Gnidia styphelioides |
| PRECIS (KZN) | THYMELAEACEAE | Gnidia triplinervis |
| Acocks | THYMELAEACEAE | Gnidia woodii |
| Acocks | THYMELAEACEAE | Passerina comosa |
| PRECIS | THYMELAEACEAE | Passerina montana |
| PRECIS | THYMELAEACEAE | Passerina montivaga |
| PRECIS | THYMELAEACEAE | Passerina rigida |
| Acocks | THYMELAEACEAE | Peddiea africana |
| PRECIS (KZN) | TILIACEAE | Corchorus trilocularis |
| PRECIS (KZN) | TILIACEAE | Grewia occidentalis var. litoralis |
| PRECIS (KZN) | TILIACEAE | Sparrmannia ricinocarpa |
| PRECIS | TRAPACEAE | Trapa natans var. pumila |
| PRECIS | TYPHACEAE | Typha capensis |
| PRECIS | UNKNOWN | Unknown sp. |
| PRECIS (KZN) | URTICACEAE | Didymodoxa caffra |
| PRECIS | URTICACEAE | Droguetia sp. |
| PRECIS | URTICACEAE | Laportea grossa |
| PRECIS | URTICACEAE | Laportea peduncularis subsp. peduncularis |
| Acocks | URTICACEAE | Obetia tenax |
| PRECIS (KZN) | URTICACEAE | Pouzolzia mixta |
| PRECIS | URTICACEAE | Pouzolzia mixta var. mixta |

| Collection Code | Family | Scientific Name |
|---|---|---|
| Acocks | URTICACEAE | Pouzolzia parasitica |
| Gardens (KBG) | URTICACEAE | Urera trinervis |
| PRECIS | VAHLIACEAE | Vahlia capensis subsp. capensis |
| PRECIS (KZN) | VAHLIACEAE | Vahlia capensis subsp. vulgaris var. longifolia |
| PRECIS | VALERIANACEAE | Valeriana capensis var. capensis |
| PRECIS | VELLOZIACEAE | Talbotia elegans |
| PRECIS (KZN) | VELLOZIACEAE | Xerophyta retinervis |
| PRECIS (KZN) | VELLOZIACEAE | Xerophyta viscosa |
| PRECIS | VERBENACEAE | Chascanum hederaceum var. hederaceum |
| PRECIS | VERBENACEAE | Chascanum hederaceum var. natalense |
| PRECIS | VERBENACEAE | Chascanum latifolium var. glabrescens |
| PRECIS | VERBENACEAE | Chascanum latifolium var. latifolium |
| PRECIS | VERBENACEAE | Chascanum latifolium var. transvaalense |
| PRECIS | VERBENACEAE | Chascanum schlechteri |
| PRECIS | VERBENACEAE | Citharexylum spinosum |
| PRECIS | VERBENACEAE | Duranta erecta |
| PRECIS | VERBENACEAE | Lantana camara |
| PRECIS | VERBENACEAE | Lantana mearnsii var. latibracteolata |
| PRECIS | VERBENACEAE | Lantana rugosa |
| PRECIS | VERBENACEAE | Lantana trifolia |
| Acocks | VERBENACEAE | Lippia javanica |
| PRECIS | VERBENACEAE | Lippia rehmannii |
| PRECIS | VERBENACEAE | Lippia wilmsii |
| PRECIS | VERBENACEAE | Phyla nodiflora var. nodiflora |
| PRECIS (KZN) | VERBENACEAE | Plexipus latifolius var. latifolius |
| PRECIS | VERBENACEAE | Priva cordifolia var. abyssinica |
| PRECIS | VERBENACEAE | Priva meyeri var. meyeri |
| PRECIS | VERBENACEAE | Stachytarpheta urticifolia |
| MSB | VERBENACEAE | Verbena aristigera |
| PRECIS | VERBENACEAE | Verbena bonariensis |
| PRECIS | VERBENACEAE | Verbena brasiliensis |
| Acocks | VERBENACEAE | Verbena officinalis |
| PRECIS | VERBENACEAE | Verbena rigida |
| PRECIS | VERBENACEAE | Verbena venosa |
| PRECIS | VIOLACEAE | Hybanthus capensis |
| PRECIS | VIOLACEAE | Hybanthus enneaspermus var. enneaspermus |
| Acocks | VIOLACEAE | Rinorea angustifolia subsp. angustifolia |
| PRECIS | VIOLACEAE | Rinorea angustifolia subsp. natalensis |
| PRECIS | VIOLACEAE | Rinorea ilicifolia subsp. ilicifolia var. ilicifolia |
| PRECIS | VISCACEAE | Viscum anceps |
| PRECIS | VISCACEAE | Viscum obovatum |
| PRECIS | VISCACEAE | Viscum obscurum |
| PRECIS (KZN) | VISCACEAE | Viscum rotundifolium |
| PRECIS | VISCACEAE | Viscum sp. |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | VISCACEAE | Viscum subserratum |
| PRECIS (KZN) | VISCACEAE | Viscum triflorum |
| PRECIS | VISCACEAE | Viscum triflorum subsp. nervosum |
| PRECIS | VISCACEAE | Viscum verrucosum |
| PRECIS | VITACEAE | Cissus cactiformis |
| PRECIS | VITACEAE | Cissus cussonioides |
| PRECIS | VITACEAE | Cissus diversilobata |
| PRECIS | VITACEAE | Cissus fragilis |
| Acocks | VITACEAE | Cissus quadrangularis var. quadrangularis |
| PRECIS | VITACEAE | Cissus rotundifolia var. rotundifolia |
| PRECIS | VITACEAE | Cyphostemma anatomicum |
| MSB | VITACEAE | Cyphostemma cirrhosum subsp. cirrhosum |
| PRECIS | VITACEAE | Cyphostemma cirrhosum subsp. transvaalense |
| PRECIS | VITACEAE | Cyphostemma humile subsp. dolichopus |
| PRECIS (KZN) | VITACEAE | Cyphostemma hypoleucum |
| PRECIS | VITACEAE | Cyphostemma lanigerum |
| PRECIS | VITACEAE | Cyphostemma natalitium |
| PRECIS | VITACEAE | Cyphostemma sandersonii |
| PRECIS | VITACEAE | Cyphostemma segmentatum |
| Gardens (KBG) | VITACEAE | Cyphostemma simulans |
| PRECIS | VITACEAE | Cyphostemma sp. |
| PRECIS | VITACEAE | Cyphostemma spinosopilosum |
| PRECIS | VITACEAE | Cyphostemma subciliatum |
| PRECIS (KZN) | VITACEAE | Cyphostemma woodii |
| Acocks | VITACEAE | Rhoicissus digitata |
| Acocks | VITACEAE | Rhoicissus revoilii |
| Acocks | VITACEAE | Rhoicissus rhomboidea |
| PRECIS | VITACEAE | Rhoicissus sessilifolia |
| PRECIS | VITACEAE | Rhoicissus sp. |
| Acocks | VITACEAE | Rhoicissus tomentosa |
| Acocks | VITACEAE | Rhoicissus tridentata subsp. cuneifolia |
| PRECIS | VITACEAE | Rhoicissus tridentata subsp. tridentata |
| PRECIS | VITTARIACEAE | Vittaria isoetifolia |
| PRECIS | WOODSIACEAE | Athyrium scandicinum |
| PRECIS | WOODSIACEAE | Athyrium schimperi |
| PRECIS | WOODSIACEAE | Cystopteris fragilis |
| PRECIS | WOODSIACEAE | Woodsia angolensis |
| PRECIS | WOODSIACEAE | Woodsia montevidensis var. burgessiana |
| PRECIS (KZN) | XYRIDACEAE | Xyris anceps |
| PRECIS | XYRIDACEAE | Xyris anceps var. anceps |
| PRECIS | XYRIDACEAE | Xyris capensis |
| PRECIS (KZN) | XYRIDACEAE | Xyris congensis |
| PRECIS | XYRIDACEAE | Xyris gerrardii |
| PRECIS (KZN) | XYRIDACEAE | Xyris natalensis |

| Collection Code | Family | Scientific Name |
|---|---|---|
| PRECIS | XYRIDACEAE | Xyris obscura |
| PRECIS | ZAMIACEAE | Encephalartos aemulans |
| PRECIS | ZAMIACEAE | Encephalartos lebomboensis |
| PRECIS | ZAMIACEAE | Encephalartos natalensis |
| PRECIS | ZAMIACEAE | Encephalartos ngoyanus |
| PRECIS | ZAMIACEAE | Encephalartos transvenosus |
| PRECIS (KZN) | ZAMIACEAE | Encephalartos villosus |
| PRECIS | ZINGIBERACEAE | Siphonochilus aethiopicus |
| PRECIS | ZOSTERACEAE | Zostera capensis |
| PRECIS (KZN) | ZYGOPHYLLACEAE | Tribulus terrestris |

# Red Data Plants

| | |
|---|---|
| *Adenocline pauciflora* | *(LC)* |
| *Alepidea amatymbica* | *(Vulnerable* |
| *Alepidea longifolia* | *(LC)* |
| *Aloe hlangapies* | *(Near Threatened)* |
| *Aloe kniphofioides* | *(Near Threatened)* |
| *Aloe modesta* | *(Endangered)* |
| *Aloe reitzii var vernalis* | *(CR)* |
| *Aloe vryheidensis* | *(Near Threatened)* |
| *Ammocharis corranica* | |
| *Asclepias cultriformis* | *(LC)* |
| *Asclepias eminens* | *(LC)* |
| *Asparagus fractiflexus* | *(DD)* |
| *Asplenium stolinerferum* | *(Near Threatened)* |
| *Boophane disticha* | *(?)* |
| *Bowkeria citrine* | *(Near Threatened)* |
| *Brachiaria subulifolia* | *(LC)* |
| *Callilepis leptophylla* | *(Monitored)* |
| *Crassula tuberella* | *(LC)* |
| *Cyrtanthus bicolor* | *(Rare),* |
| *Cyrtanthus macowanii* | *(Uncertain),* |
| *Cyrtanthus epiphyticus* | |
| *Disa hircicornis* | *(Vulnerable)* |
| *Disa maculomarronina* | *(Vulnerable)* |
| *Disa rhodantha* | *(Uncertain),* |
| *Disperis concinna* | *(Near Threatened)* |
| *Disperis wealii* | *(Uncertain),* |
| *Drimia elata* | |
| *Encephalartos lebomboensis* | *(Critical)* |
| *Erica revolute* | *(LC)* |
| *Eucomis autumnalis* | *(Near Threatened)* |
| *Eucomis montana* | *(Rare),* |
| *Eucomis pole-evansii* | *(Near Threatened)* |
| *Eulophia cooperi* | *(Rare)* |
| *Eulophia meleagris* | *(DD)* |
| *Gerbera aurantiaca* | *(Endangered)* |
| *Gladiolus appendiculatus var appendiculatus* | *(Rare),* |
| *Gladiolus macrocarpus* | *(Uncertain),* |
| *Gunnera perpense* | *(Muthi)* |
| *Helichryssum aureum* | *(Vulnerable)* |
| *Hypoxis hemerocallidea* | *(Muthi)* |
| *Indigofera hybrida* | *(Vulnerable)* |
| *Jamesbrittenia silenoides* | *(LC)* |
| *Khadia beswickii* | *(Vulnerable)* |
| *Kniphofia fluviatilis* | *(LC)* |
| *Kniphofia typhoides* | |
| *Ledebouria appresifolia* | |
| *Lobelia erinus* | *(LC)* |
| *Lobelia trulifolia subsp. deliculata* | *(Vulnerable)* |

| | |
|---|---|
| *Lophacme digitata* | *(LC)* |
| *Lotononis amajubica* | *(Near Threatened)* |
| *Lotononis diffirmis* | *(Vulnerable)* |
| *Melanospermum italae* | *(DD)* |
| *Morraea robusta* | *(Vulnerable)* |
| *Neobulusia tysonii* | *(Rare),* |
| *Nerine gracilis* | *(Near Threatened)* |
| *Nerine platypetala* | *(Vulnerable)* |
| *Parapodium costatum* | *(LC)* |
| *Pavetta barbetonensis* | *(Rare)* |
| *Polygala serpentaria* | *(LC)* |
| *Protea parvula* | *(LC)* |
| *Protea subvestita* | *(Near Threatened)* |
| *Rapanea melanophloeos* | *(Muthi)* |
| *Rhus dracomontana* | *(Near Threatened)* |
| *Sandersonia aurantiaca* | *(Near Threatened)* |
| *Satyrium micorrhynchum* | *(Near Threatened)* |
| *Schoenoxiphium lehmannii* | *(LC)* |
| *Scilla natalensis* | *(Near Threatened)* |
| *Scilla nervosa* | *(LC)* |
| *Selago longicalyx* | *(DD)* |
| *Sisymbrium turczaninowii* | *(LC)* |
| *Streptocarpus grandis* | *(Vulnerable)* |
| *Trachyandra erythrorrhiza* | *(Near Threatened)* |
| *Woodsia angolensis* | *(Near Threatened)* |
| *Watsonia latifolia* | *(Rare),* |

# Medicinal Plants

The following medicinal plants may be present in the study area:

*Acacia karroo*
*Alepidea amatymbica (Near threatened)*
*Artemisia afra*
*Asclepias fruticosa*
*Agapanthus africanus*
*Aster bakerianus*
*Boophane disticha*
*Bowiea volubilis (Vulnerable)*
*Bulbine natalensis*
*Centella asiatica*
*Cotyledon orbiculata*
*Crinum macowanii*
*Curtisia dentata (Low risk)*
*Ekebergia capensis*
*Elephantorrhiza elephantine*
*Eucomis autumnalis (Vulnarable)*
*Gnidia kraussiana*
*Gunnera perpense*
*Haworthia limifolia (Vulnerable)*
*Helichryssum spp.*
*Heteromorpha arborescens*
*Hypoxis hemerocallidea*
*Lannea edulis*
*Leonotis leunuris*
*Lippia javanica*
*Mentha longifolia*
*Ocotea bullata (Vulnerable)*
*Olea europaea*
*Pelargonium luridum*
*Pellaea calomelanos*
*Pentanisia prunelloides*
*Pittosporum viridiflorum*
*Rapanea melanophloeos*
*Rhoicissus tridentate*
*Rumex lanceolatus*
*Scabiosa columbaria*
*Scadoxus puniceus*
*Schotia brachypetala*
*Scilla natalensis*
*Senecio serratuloides*
*Syzygium cordatum*
*Typha capensis*
*Valleriana capensis*
*Vernonia oligocephala*
*Withania somnifera*
*Xysmalobium undulatum*
*Zantedeschia aethiopica*
*Zanthoxylem capense*

*Ziziphus mucronata*
(Van Wyk, B., Van Oudtshoorn, B. and Gericke, N. 2000)

# Fauna

| Family | Scientific Name | Category |
|---|---|---|
| Arthroleptidae | Arthroleptis wahlbergi | Amphibians |
| Bufonidae | Bufo gariepensis | Amphibians |
| Bufonidae | Bufo garmani | Amphibians |
| Bufonidae | Bufo gutturalis | Amphibians |
| Bufonidae | Bufo rangeri | Amphibians |
| Bufonidae | Schismaderma carens | Amphibians |
| Heleophrynidae | Heleophryne natalensis | Amphibians |
| Hemisotidae | Hemisus guttatus | Amphibians |
| Hemisotidae | Hemisus marmoratus | Amphibians |
| Hyperoliidae | Afrixalus aureus | Amphibians |
| Hyperoliidae | Afrixalus delicatus | Amphibians |
| Hyperoliidae | Afrixalus spinifrons | Amphibians |
| Hyperoliidae | Hyperolius marmoratus | Amphibians |
| Hyperoliidae | Hyperolius pickersgilli | Amphibians |
| Hyperoliidae | Hyperolius semidiscus | Amphibians |
| Hyperoliidae | Kassina senegalensis | Amphibians |
| Hyperoliidae | Leptopelis natalensis | Amphibians |
| Hyperoliidae | Semnodactylus wealii | Amphibians |
| Microhylidae | Breviceps adspersus | Amphibians |
| Microhylidae | Breviceps sp. | Amphibians |
| Microhylidae | Breviceps verrucosus | Amphibians |
| Microhylidae | Phrynomantis bifasciatus | Amphibians |
| Pipidae | Xenopus laevis | Amphibians |
| Ranidae | Cacosternum boettgeri | Amphibians |
| Ranidae | Cacosternum nanum | Amphibians |
| Ranidae | Hyperolius sp. | Amphibians |
| Ranidae | Natalobatrachus bonebergi | Amphibians |
| Ranidae | Phrynobatrachus natalensis | Amphibians |
| Ranidae | Ptychadena anchietae | Amphibians |
| Ranidae | Ptychadena mossambica | Amphibians |
| Ranidae | Pyxicephalus adspersus | Amphibians |
| Ranidae | Rana fuscigula | Amphibians |
| Ranidae | Strongylopus fasciatus | Amphibians |
| Ranidae | Strongylopus grayii | Amphibians |
| Ranidae | Strongylopus wageri | Amphibians |
| Ranidae | Tomopterna natalensis | Amphibians |
| Rhacophoridae | Chiromantis xerampelina | Amphibians |
| (null) | Serinus striolatus | Birds |
| ACCIPITRIDAE | Accipiter badius | Birds |
| ACCIPITRIDAE | Accipiter melanoleucus | Birds |
| ACCIPITRIDAE | Accipiter minullus | Birds |
| ACCIPITRIDAE | Accipiter rufiventris | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| ACCIPITRIDAE | Accipiter tachiro | Birds |
| ACCIPITRIDAE | Aquila ayresii | Birds |
| ACCIPITRIDAE | Aquila nipalensis | Birds |
| ACCIPITRIDAE | Aquila pennatus | Birds |
| ACCIPITRIDAE | Aquila pomarina | Birds |
| ACCIPITRIDAE | Aquila rapax | Birds |
| ACCIPITRIDAE | Aquila spilogaster | Birds |
| ACCIPITRIDAE | Aquila verreauxii | Birds |
| ACCIPITRIDAE | Aquila wahlbergi | Birds |
| ACCIPITRIDAE | Aviceda cuculoides | Birds |
| ACCIPITRIDAE | Buteo rufofuscus | Birds |
| ACCIPITRIDAE | Buteo trizonatus | Birds |
| ACCIPITRIDAE | Buteo vulpinus | Birds |
| ACCIPITRIDAE | Circaetus cinereus | Birds |
| ACCIPITRIDAE | Circaetus fasciolatus | Birds |
| ACCIPITRIDAE | Circaetus pectoralis | Birds |
| ACCIPITRIDAE | Circus aeruginosus | Birds |
| ACCIPITRIDAE | Circus macrourus | Birds |
| ACCIPITRIDAE | Circus maurus | Birds |
| ACCIPITRIDAE | Circus pygargus | Birds |
| ACCIPITRIDAE | Circus ranivorus | Birds |
| ACCIPITRIDAE | Elanus caeruleus | Birds |
| ACCIPITRIDAE | Geelbekwou | Birds |
| ACCIPITRIDAE | Gypohierax angolensis | Birds |
| ACCIPITRIDAE | Gyps africanus | Birds |
| ACCIPITRIDAE | Gyps coprotheres | Birds |
| ACCIPITRIDAE | Haliaeetus vocifer | Birds |
| ACCIPITRIDAE | Kaupifalco monogrammicus | Birds |
| ACCIPITRIDAE | Lophaetus occipitalis | Birds |
| ACCIPITRIDAE | Melierax gabar | Birds |
| Accipitridae | Milvus aegyptius | Birds |
| Accipitridae | Milvus migrans | Birds |
| ACCIPITRIDAE | Milvus migrans migrans | Birds |
| ACCIPITRIDAE | Milvus migrans parasitus | Birds |
| ACCIPITRIDAE | Polemaetus bellicosus | Birds |
| ACCIPITRIDAE | Polyboroides typus | Birds |
| ACCIPITRIDAE | Stephanoaetus coronatus | Birds |
| ACCIPITRIDAE | Terathopius ecaudatus | Birds |
| Accipitridae | Torgos tracheliotus | Birds |
| Accipitridae | Trigonoceps occipitalis | Birds |
| ALAUDIDAE | Calandrella cinerea | Birds |
| Alaudidae | Calendulauda erythrochlamys | Birds |
| ALAUDIDAE | Calendulauda sabota | Birds |
| ALAUDIDAE | Certhilauda curvirostris | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| ALAUDIDAE | Chersomanes albofasciata | Birds |
| ALAUDIDAE | Eremopterix leucotis | Birds |
| ALAUDIDAE | Heteromirafra ruddi | Birds |
| ALAUDIDAE | Mirafra africana | Birds |
| ALAUDIDAE | Mirafra apiata | Birds |
| ALAUDIDAE | Mirafra cheniana | Birds |
| ALAUDIDAE | Mirafra rufocinnamomea | Birds |
| ALAUDIDAE | Pinarocorys nigricans | Birds |
| ALAUDIDAE | Spizocorys conirostris | Birds |
| ALAUDIDAE | Spizocorys fringillaris | Birds |
| ANATIDAE | Alopochen aegyptiaca | Birds |
| ANATIDAE | Anas capensis | Birds |
| ANATIDAE | Anas erythrorhyncha | Birds |
| ANATIDAE | Anas hottentota | Birds |
| ANATIDAE | Anas smithii | Birds |
| ANATIDAE | Anas sparsa | Birds |
| ANATIDAE | Anas undulata | Birds |
| ANATIDAE | Dendrocygna bicolor | Birds |
| ANATIDAE | Dendrocygna viduata | Birds |
| ANATIDAE | Netta erythrophthalma | Birds |
| ANATIDAE | Nettapus auritus | Birds |
| ANATIDAE | Oxyura maccoa | Birds |
| ANATIDAE | Plectropterus gambensis | Birds |
| ANATIDAE | Sarkidiornis melanotos | Birds |
| ANATIDAE | Tadorna cana | Birds |
| ANATIDAE | Thalassornis leuconotus | Birds |
| ANHINGIDAE | Anhinga rufa | Birds |
| APODIDAE | Apus affinis | Birds |
| APODIDAE | Apus apus | Birds |
| APODIDAE | Apus barbatus | Birds |
| APODIDAE | Apus caffer | Birds |
| APODIDAE | Apus horus | Birds |
| APODIDAE | Cypsiurus parvus | Birds |
| APODIDAE | Tachymarptis melba | Birds |
| ARDEIDAE | Ardea cinerea | Birds |
| ARDEIDAE | Ardea goliath | Birds |
| ARDEIDAE | Ardea melanocephala | Birds |
| ARDEIDAE | Ardea purpurea | Birds |
| ARDEIDAE | Ardeola ralloides | Birds |
| ARDEIDAE | Bubulcus ibis | Birds |
| ARDEIDAE | Butorides striata | Birds |
| ARDEIDAE | Egretta alba | Birds |
| ARDEIDAE | Egretta ardesiaca | Birds |
| ARDEIDAE | Egretta garzetta | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| ARDEIDAE | Egretta intermedia | Birds |
| ARDEIDAE | Ixobrychus minutus | Birds |
| ARDEIDAE | Ixobrychus sturmii | Birds |
| ARDEIDAE | Nycticorax nycticorax | Birds |
| BUCEROTIDAE | Bucorvus leadbeateri | Birds |
| BUCEROTIDAE | Bycanistes bucinator | Birds |
| BUCEROTIDAE | Tockus alboterminatus | Birds |
| BUCEROTIDAE | Tockus erythrorhynchus | Birds |
| BUCEROTIDAE | Tockus leucomelas | Birds |
| BUCEROTIDAE | Tockus nasutus | Birds |
| BUPHAGIDAE | Buphagus africanus | Birds |
| BUPHAGIDAE | Buphagus erythrorhynchus | Birds |
| BURHINIDAE | Burhinus capensis | Birds |
| BURHINIDAE | Burhinus vermiculatus | Birds |
| CAMPEPHAGIDAE | Campephaga flava | Birds |
| CAMPEPHAGIDAE | Coracina caesia | Birds |
| CAPITONIDAE | Lybius torquatus | Birds |
| CAPITONIDAE | Pogoniulus bilineatus | Birds |
| CAPITONIDAE | Pogoniulus pusillus | Birds |
| CAPITONIDAE | Stactolaema leucotis | Birds |
| CAPITONIDAE | Stactolaema olivacea | Birds |
| CAPITONIDAE | Trachyphonus vaillantii | Birds |
| CAPITONIDAE | Tricholaema leucomelas | Birds |
| CAPRIMULGIDAE | Caprimulgus europaeus | Birds |
| CAPRIMULGIDAE | Caprimulgus fossii | Birds |
| CAPRIMULGIDAE | Caprimulgus natalensis | Birds |
| CAPRIMULGIDAE | Caprimulgus pectoralis | Birds |
| CAPRIMULGIDAE | Caprimulgus tristigma | Birds |
| Centropodidae | Centropus burchelli | Birds |
| CHARADRIIDAE | Charadrius asiaticus | Birds |
| CHARADRIIDAE | Charadrius hiaticula | Birds |
| CHARADRIIDAE | Charadrius leschenaultii | Birds |
| CHARADRIIDAE | Charadrius marginatus | Birds |
| CHARADRIIDAE | Charadrius pecuarius | Birds |
| CHARADRIIDAE | Charadrius tricollaris | Birds |
| CHARADRIIDAE | Pluvialis squatarola | Birds |
| CHARADRIIDAE | Vanellus armatus | Birds |
| CHARADRIIDAE | Vanellus coronatus | Birds |
| CHARADRIIDAE | Vanellus melanopterus | Birds |
| CHARADRIIDAE | Vanellus senegallus | Birds |
| CICONIIDAE | Anastomus lamelligerus | Birds |
| CICONIIDAE | Ciconia abdimii | Birds |
| CICONIIDAE | Ciconia ciconia | Birds |
| CICONIIDAE | Ciconia episcopus | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| CICONIIDAE | Ciconia nigra | Birds |
| CICONIIDAE | Ephippiorhynchus senegalensis | Birds |
| CICONIIDAE | Leptoptilos crumeniferus | Birds |
| CICONIIDAE | Mycteria ibis | Birds |
| Cisticolidae | Camaroptera brachyura | Birds |
| COLIIDAE | Colius striatus | Birds |
| COLIIDAE | Urocolius indicus | Birds |
| COLUMBIDAE | Aplopelia larvata | Birds |
| COLUMBIDAE | Columba arquatrix | Birds |
| COLUMBIDAE | Columba delegorguei | Birds |
| COLUMBIDAE | Columba guinea | Birds |
| COLUMBIDAE | Columba livia | Birds |
| COLUMBIDAE | Oena capensis | Birds |
| COLUMBIDAE | Streptopelia capicola | Birds |
| COLUMBIDAE | Streptopelia decipiens | Birds |
| COLUMBIDAE | Streptopelia semitorquata | Birds |
| COLUMBIDAE | Streptopelia senegalensis | Birds |
| COLUMBIDAE | Treron calvus | Birds |
| COLUMBIDAE | Turtur chalcospilos | Birds |
| COLUMBIDAE | Turtur tympanistria | Birds |
| CORACIIDAE | Coracias caudatus | Birds |
| CORACIIDAE | Coracias garrulus | Birds |
| CORACIIDAE | Coracias naevius | Birds |
| CORACIIDAE | Eurystomus glaucurus | Birds |
| CORVIDAE | Corvus albicollis | Birds |
| CORVIDAE | Corvus albus | Birds |
| CORVIDAE | Corvus capensis | Birds |
| CORVIDAE | Corvus splendens | Birds |
| CUCULIDAE | Centropus burchellii | Birds |
| CUCULIDAE | Ceuthmochares aereus | Birds |
| CUCULIDAE | Chrysococcyx caprius | Birds |
| CUCULIDAE | Chrysococcyx cupreus | Birds |
| CUCULIDAE | Chrysococcyx klaas | Birds |
| CUCULIDAE | Clamator glandarius | Birds |
| CUCULIDAE | Clamator jacobinus | Birds |
| CUCULIDAE | Cuculus canorus | Birds |
| CUCULIDAE | Cuculus clamosus | Birds |
| CUCULIDAE | Cuculus gularis | Birds |
| CUCULIDAE | Cuculus solitarius | Birds |
| DICRURIDAE | Dicrurus adsimilis | Birds |
| DICRURIDAE | Dicrurus ludwigii | Birds |
| DIOMEDEIDAE | Diomedea chlororhynchos | Birds |
| DIOMEDEIDAE | Thalassarche melanophris | Birds |
| ESTRILDIDAE | Amadina erythrocephala | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| ESTRILDIDAE | Amandava subflava | Birds |
| ESTRILDIDAE | Coccopygia melanotis | Birds |
| ESTRILDIDAE | Estrilda astrild | Birds |
| ESTRILDIDAE | Estrilda perreini | Birds |
| Estrildidae | Hypargos margaritatus | Birds |
| Estrildidae | Lagonosticta rhodopareia | Birds |
| ESTRILDIDAE | Lagonosticta rubricata | Birds |
| ESTRILDIDAE | Lagonosticta senegala | Birds |
| ESTRILDIDAE | Mandingoa nitidula | Birds |
| ESTRILDIDAE | Ortygospiza atricollis | Birds |
| ESTRILDIDAE | Pytilia melba | Birds |
| ESTRILDIDAE | Spermestes bicolor | Birds |
| ESTRILDIDAE | Spermestes cucullatus | Birds |
| ESTRILDIDAE | Uraeginthus angolensis | Birds |
| EURYLAIMIDAE | Smithornis capensis | Birds |
| FALCONIDAE | Falco amurensis | Birds |
| FALCONIDAE | Falco biarmicus | Birds |
| FALCONIDAE | Falco concolor | Birds |
| FALCONIDAE | Falco naumanni | Birds |
| FALCONIDAE | Falco rupicolis | Birds |
| FALCONIDAE | Falco rupicoloides | Birds |
| Falconidae | Falco rupicolus | Birds |
| FALCONIDAE | Falco subbuteo | Birds |
| FALCONIDAE | Falco vespertinus | Birds |
| FRINGILLIDAE | Crithagra atrogularis | Birds |
| FRINGILLIDAE | Crithagra citrinipectus | Birds |
| FRINGILLIDAE | Crithagra flaviventris | Birds |
| FRINGILLIDAE | Crithagra gularis | Birds |
| FRINGILLIDAE | Crithagra mozambicus | Birds |
| FRINGILLIDAE | Crithagra scotops | Birds |
| FRINGILLIDAE | Crithagra sulphuratus | Birds |
| FRINGILLIDAE | Emberiza capensis | Birds |
| FRINGILLIDAE | Emberiza flaviventris | Birds |
| FRINGILLIDAE | Emberiza tahapisi | Birds |
| FRINGILLIDAE | Serinus canicollis | Birds |
| GLAREOLIDAE | Cursorius temminckii | Birds |
| GLAREOLIDAE | Glareola nordmanni | Birds |
| GLAREOLIDAE | Glareola pratincola | Birds |
| GLAREOLIDAE | Rhinoptilus chalcopterus | Birds |
| GRUIDAE | Anthropoides paradiseus | Birds |
| GRUIDAE | Balearica regulorum | Birds |
| GRUIDAE | Bugeranus carunculatus | Birds |
| HALCYONIDAE | Alcedo cristata | Birds |
| HALCYONIDAE | Alcedo semitorquata | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| HALCYONIDAE | Ceryle rudis | Birds |
| HALCYONIDAE | Halcyon albiventris | Birds |
| HALCYONIDAE | Halcyon chelicuti | Birds |
| HALCYONIDAE | Halcyon senegaloides | Birds |
| HALCYONIDAE | Ispidina picta | Birds |
| HALCYONIDAE | Megaceryle maximus | Birds |
| HELIORNITHIDAE | Podica senegalensis | Birds |
| HIRUNDINIDAE | Delichon urbicum | Birds |
| HIRUNDINIDAE | Hirundo abyssinica | Birds |
| HIRUNDINIDAE | Hirundo albigularis | Birds |
| HIRUNDINIDAE | Hirundo atrocaerulea | Birds |
| HIRUNDINIDAE | Hirundo cucullata | Birds |
| HIRUNDINIDAE | Hirundo fuligula | Birds |
| HIRUNDINIDAE | Hirundo rustica | Birds |
| HIRUNDINIDAE | Hirundo semirufa | Birds |
| HIRUNDINIDAE | Hirundo smithii | Birds |
| HIRUNDINIDAE | Hirundo spilodera | Birds |
| HIRUNDINIDAE | Psalidoprocne holomelaena | Birds |
| HIRUNDINIDAE | Pseudhirundo griseopyga | Birds |
| HIRUNDINIDAE | Riparia cincta | Birds |
| HIRUNDINIDAE | Riparia paludicola | Birds |
| HIRUNDINIDAE | Riparia riparia | Birds |
| INDICATORIDAE | Indicator indicator | Birds |
| INDICATORIDAE | Indicator minor | Birds |
| INDICATORIDAE | Indicator variegatus | Birds |
| INDICATORIDAE | Prodotiscus regulus | Birds |
| JACANIDAE | Actophilornis africanus | Birds |
| JACANIDAE | Microparra capensis | Birds |
| JYNGIDAE | Jynx ruficollis | Birds |
| LANIIDAE | Corvinella melanoleuca | Birds |
| LANIIDAE | Lanius collaris | Birds |
| LANIIDAE | Lanius collurio | Birds |
| LANIIDAE | Lanius minor | Birds |
| LANIIDAE | Prionops plumatus | Birds |
| LARIDAE | Chlidonias hybrida | Birds |
| LARIDAE | Chlidonias leucopterus | Birds |
| LARIDAE | Larus cirrocephalus | Birds |
| LARIDAE | Larus dominicanus | Birds |
| LARIDAE | Sterna albifrons | Birds |
| LARIDAE | Sterna bengalensis | Birds |
| LARIDAE | Sterna bergii | Birds |
| LARIDAE | Sterna caspia | Birds |
| LARIDAE | Sterna hirundo | Birds |
| LARIDAE | Sterna paradisaea | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| LARIDAE | Sterna sandvicensis | Birds |
| Lybiidae | Pogoniulus chrysoconus | Birds |
| MALACONOTIDAE | Dryoscopus cubla | Birds |
| MALACONOTIDAE | Laniarius ferrugineus | Birds |
| MALACONOTIDAE | Malaconotus blanchoti | Birds |
| MALACONOTIDAE | Nilaus afer | Birds |
| MALACONOTIDAE | Tchagra australis | Birds |
| MALACONOTIDAE | Tchagra senegalus | Birds |
| MALACONOTIDAE | Tchagra tchagra | Birds |
| MALACONOTIDAE | Telophorus olivaceus | Birds |
| MALACONOTIDAE | Telophorus quadricolor | Birds |
| MALACONOTIDAE | Telophorus sulfureopectus | Birds |
| MALACONOTIDAE | Telophorus zeylonus | Birds |
| MEROPIDAE | Merops apiaster | Birds |
| MEROPIDAE | Merops bullockoides | Birds |
| MEROPIDAE | Merops persicus | Birds |
| MEROPIDAE | Merops pusillus | Birds |
| MOTACILLIDAE | Anthus brachyurus | Birds |
| MOTACILLIDAE | Anthus caffer | Birds |
| MOTACILLIDAE | Anthus chloris | Birds |
| MOTACILLIDAE | Anthus cinnamomeus | Birds |
| MOTACILLIDAE | Anthus crenatus | Birds |
| MOTACILLIDAE | Anthus leucophrys | Birds |
| MOTACILLIDAE | Anthus lineiventris | Birds |
| MOTACILLIDAE | Anthus similis | Birds |
| MOTACILLIDAE | Anthus vaalensis | Birds |
| MOTACILLIDAE | Macronyx capensis | Birds |
| MOTACILLIDAE | Macronyx croceus | Birds |
| MOTACILLIDAE | Motacilla aguimp | Birds |
| MOTACILLIDAE | Motacilla capensis | Birds |
| MOTACILLIDAE | Motacilla clara | Birds |
| MOTACILLIDAE | Motacilla flava | Birds |
| MUSCICAPIDAE | Batis capensis | Birds |
| MUSCICAPIDAE | Batis molitor | Birds |
| MUSCICAPIDAE | Bradornis pallidus | Birds |
| Muscicapidae | Cossypha heuglini | Birds |
| MUSCICAPIDAE | Melaenornis pammelaina | Birds |
| MUSCICAPIDAE | Muscicapa adusta | Birds |
| MUSCICAPIDAE | Muscicapa caerulescens | Birds |
| MUSCICAPIDAE | Muscicapa striata | Birds |
| MUSCICAPIDAE | Myioparus plumbeus | Birds |
| MUSCICAPIDAE | Platysteira peltata | Birds |
| MUSCICAPIDAE | Sigelus silens | Birds |
| MUSCICAPIDAE | Stenostira scita | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| MUSCICAPIDAE | Terpsiphone viridis | Birds |
| MUSCICAPIDAE | Trochocercus cyanomelas | Birds |
| MUSOPHAGIDAE | Corythaixoides concolor | Birds |
| MUSOPHAGIDAE | Gallirex porphyreolophus | Birds |
| MUSOPHAGIDAE | Tauraco corythaix | Birds |
| NECTARINIIDAE | Chalcomitra amethystina | Birds |
| NECTARINIIDAE | Chalcomitra senegalensis | Birds |
| NECTARINIIDAE | Cinnyris afer | Birds |
| NECTARINIIDAE | Cinnyris bifasciatus | Birds |
| NECTARINIIDAE | Cinnyris chalybeus | Birds |
| NECTARINIIDAE | Cinnyris mariquensis | Birds |
| NECTARINIIDAE | Cinnyris talatala | Birds |
| NECTARINIIDAE | Cyanomitra olivacea | Birds |
| NECTARINIIDAE | Cyanomitra veroxii | Birds |
| NECTARINIIDAE | Hedydipna collaris | Birds |
| NECTARINIIDAE | Nectarinia famosa | Birds |
| NUMIDIDAE | Guttera edouardi | Birds |
| NUMIDIDAE | Numida meleagris | Birds |
| ORIOLIDAE | Oriolus larvatus | Birds |
| ORIOLIDAE | Oriolus oriolus | Birds |
| OTIDIDAE | Eupodotis caerulescens | Birds |
| OTIDIDAE | Eupodotis senegalensis | Birds |
| OTIDIDAE | Lissotis melanogaster | Birds |
| OTIDIDAE | Lophotis ruficrista | Birds |
| OTIDIDAE | Neotis denhami | Birds |
| PANDIONIDAE | Pandion haliaetus | Birds |
| Paridae | Parus afer | Birds |
| PARIDAE | Parus niger | Birds |
| PELECANIDAE | Pelecanus onocrotalus | Birds |
| PELECANIDAE | Pelecanus rufescens | Birds |
| PHALACROCORACIDAE | Phalacrocorax africanus | Birds |
| PHALACROCORACIDAE | Phalacrocorax capensis | Birds |
| PHALACROCORACIDAE | Phalacrocorax lucidus | Birds |
| PHASIANIDAE | Coturnix coturnix | Birds |
| PHASIANIDAE | Coturnix delegorguei | Birds |
| PHASIANIDAE | Dendroperdix sephaena | Birds |
| PHASIANIDAE | Peliperdix coqui | Birds |
| PHASIANIDAE | Pternistis afer | Birds |
| PHASIANIDAE | Pternistis natalensis | Birds |
| PHASIANIDAE | Pternistis swainsonii | Birds |
| PHASIANIDAE | Scleroptila africanus | Birds |
| PHASIANIDAE | Scleroptila levaillantii | Birds |
| PHASIANIDAE | Scleroptila shelleyi | Birds |
| PHOENICOPTERIDAE | Phoenicopterus minor | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| PHOENICOPTERIDAE | Phoenicopterus ruber | Birds |
| PHOENICULIDAE | Phoeniculus purpureus | Birds |
| PHOENICULIDAE | Rhinopomastus cyanomelas | Birds |
| PICIDAE | Campethera abingoni | Birds |
| Picidae | Campethera cailliautii | Birds |
| PICIDAE | Dendropicos fuscescens | Birds |
| PICIDAE | Dendropicos griseocephalus | Birds |
| PICIDAE | Dendropicos namaquus | Birds |
| PICIDAE | Geocolaptes olivaceus | Birds |
| PLATALEIDAE | Bostrychia hagedash | Birds |
| PLATALEIDAE | Geronticus calvus | Birds |
| PLATALEIDAE | Platalea alba | Birds |
| PLATALEIDAE | Plegadis falcinellus | Birds |
| PLATALEIDAE | Threskiornis aethiopicus | Birds |
| PLOCEIDAE | Amblyospiza albifrons | Birds |
| PLOCEIDAE | Anaplectes rubriceps | Birds |
| PLOCEIDAE | Euplectes afer | Birds |
| PLOCEIDAE | Euplectes albonotatus | Birds |
| PLOCEIDAE | Euplectes ardens | Birds |
| PLOCEIDAE | Euplectes axillaris | Birds |
| PLOCEIDAE | Euplectes capensis | Birds |
| PLOCEIDAE | Euplectes orix | Birds |
| PLOCEIDAE | Euplectes progne | Birds |
| PLOCEIDAE | Passer diffusus | Birds |
| PLOCEIDAE | Passer domesticus | Birds |
| PLOCEIDAE | Passer melanurus | Birds |
| PLOCEIDAE | Petronia superciliaris | Birds |
| PLOCEIDAE | Plocepasser mahali | Birds |
| PLOCEIDAE | Ploceus bicolor | Birds |
| PLOCEIDAE | Ploceus capensis | Birds |
| PLOCEIDAE | Ploceus cucullatus | Birds |
| PLOCEIDAE | Ploceus intermedius | Birds |
| PLOCEIDAE | Ploceus ocularis | Birds |
| PLOCEIDAE | Ploceus subaureus | Birds |
| PLOCEIDAE | Ploceus velatus | Birds |
| PLOCEIDAE | Ploceus xanthops | Birds |
| PLOCEIDAE | Ploceus xanthopterus | Birds |
| PLOCEIDAE | Quelea erythrops | Birds |
| PLOCEIDAE | Quelea quelea | Birds |
| PODICIPEDIDAE | Podiceps cristatus | Birds |
| PODICIPEDIDAE | Podiceps nigricollis | Birds |
| PODICIPEDIDAE | Tachybaptus ruficollis | Birds |
| PROMEROPIDAE | Promerops gurneyi | Birds |
| PSITTACIDAE | Poicephalus cryptoxanthus | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| PYCNONOTIDAE | Andropadus importunus | Birds |
| PYCNONOTIDAE | Chlorocichla flaviventris | Birds |
| PYCNONOTIDAE | Nicator gularis | Birds |
| PYCNONOTIDAE | Phyllastrephus flavostriatus | Birds |
| PYCNONOTIDAE | Phyllastrephus terrestris | Birds |
| Pycnonotidae | Pycnonotus nigricans | Birds |
| PYCNONOTIDAE | Pycnonotus tricolor | Birds |
| RALLIDAE | Amaurornis flavirostris | Birds |
| RALLIDAE | Crecopsis egregia | Birds |
| RALLIDAE | Crex crex | Birds |
| RALLIDAE | Fulica cristata | Birds |
| RALLIDAE | Gallinula angulata | Birds |
| RALLIDAE | Gallinula chloropus | Birds |
| RALLIDAE | Porphyrio madagascariensis | Birds |
| RALLIDAE | Rallus caerulescens | Birds |
| RALLIDAE | Sarothrura elegans | Birds |
| RALLIDAE | Sarothrura rufa | Birds |
| RECURVIROSTRIDAE | Himantopus himantopus | Birds |
| RECURVIROSTRIDAE | Recurvirostra avosetta | Birds |
| REMIZIDAE | Anthoscopus caroli | Birds |
| ROSTRATULIDAE | Rostratula benghalensis | Birds |
| SAGITTARIIDAE | Sagittarius serpentarius | Birds |
| SCOLOPACIDAE | Actitis hypoleucos | Birds |
| SCOLOPACIDAE | Arenaria interpres | Birds |
| SCOLOPACIDAE | Calidris alba | Birds |
| SCOLOPACIDAE | Calidris canutus | Birds |
| SCOLOPACIDAE | Calidris ferruginea | Birds |
| SCOLOPACIDAE | Calidris minuta | Birds |
| SCOLOPACIDAE | Gallinago nigripennis | Birds |
| SCOLOPACIDAE | Kemphaan | Birds |
| SCOLOPACIDAE | Limosa lapponica | Birds |
| SCOLOPACIDAE | Limosa limosa | Birds |
| SCOLOPACIDAE | Numenius phaeopus | Birds |
| Scolopacidae | Philomachus pugnax | Birds |
| SCOLOPACIDAE | Tringa glareola | Birds |
| SCOLOPACIDAE | Tringa nebularia | Birds |
| SCOLOPACIDAE | Tringa ochropus | Birds |
| SCOLOPACIDAE | Tringa stagnatilis | Birds |
| SCOPIDAE | Scopus umbretta | Birds |
| STRIGIDAE | Asio capensis | Birds |
| STRIGIDAE | Bubo africanus | Birds |
| STRIGIDAE | Bubo capensis | Birds |
| STRIGIDAE | Bubo lacteus | Birds |
| STRIGIDAE | Otus senegalensis | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| STRIGIDAE | Ptilopsus granti | Birds |
| STRIGIDAE | Scotopelia peli | Birds |
| STRIGIDAE | Strix woodfordii | Birds |
| STRUTHIONIDAE | Struthio camelus | Birds |
| STURNIDAE | Acridotheres tristis | Birds |
| STURNIDAE | Cinnyricinclus leucogaster | Birds |
| STURNIDAE | Creatophora cinerea | Birds |
| STURNIDAE | Lamprotornis australis | Birds |
| Sturnidae | Lamprotornis chalybaeus | Birds |
| STURNIDAE | Lamprotornis corruscus | Birds |
| STURNIDAE | Lamprotornis nitens | Birds |
| STURNIDAE | Onychognathus morio | Birds |
| STURNIDAE | Spreo bicolor | Birds |
| STURNIDAE | Sturnus vulgaris | Birds |
| SULIDAE | Morus capensis | Birds |
| Sylviidae | Acrocephalus arundinaceus | Birds |
| SYLVIIDAE | Acrocephalus baeticatus | Birds |
| SYLVIIDAE | Acrocephalus gracilirostris | Birds |
| Sylviidae | Acrocephalus griseldis | Birds |
| SYLVIIDAE | Acrocephalus palustris | Birds |
| Sylviidae | Acrocephalus rufescens | Birds |
| SYLVIIDAE | Acrocephalus schoenobaenus | Birds |
| Sylviidae | Acrocephalus scirpaceus | Birds |
| SYLVIIDAE | Apalis flavida | Birds |
| SYLVIIDAE | Apalis ruddi | Birds |
| SYLVIIDAE | Apalis thoracica | Birds |
| SYLVIIDAE | Bradypterus baboecala | Birds |
| SYLVIIDAE | Bradypterus barratti | Birds |
| SYLVIIDAE | Camaroptera brevicaudata | Birds |
| SYLVIIDAE | Chloropeta natalensis | Birds |
| SYLVIIDAE | Cisticola aberrans | Birds |
| SYLVIIDAE | Cisticola aridulus | Birds |
| SYLVIIDAE | Cisticola ayresii | Birds |
| SYLVIIDAE | Cisticola chiniana | Birds |
| SYLVIIDAE | Cisticola cinnamomeus | Birds |
| SYLVIIDAE | Cisticola erythrops | Birds |
| SYLVIIDAE | Cisticola fulvicapilla | Birds |
| SYLVIIDAE | Cisticola galactotes | Birds |
| SYLVIIDAE | Cisticola juncidis | Birds |
| SYLVIIDAE | Cisticola lais | Birds |
| SYLVIIDAE | Cisticola natalensis | Birds |
| SYLVIIDAE | Cisticola textrix | Birds |
| SYLVIIDAE | Cisticola tinniens | Birds |
| SYLVIIDAE | Eremomela icteropygialis | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| Sylviidae | Eremomela scotops | Birds |
| SYLVIIDAE | Eremomela usticollis | Birds |
| SYLVIIDAE | Hippolais icterina | Birds |
| SYLVIIDAE | Parisoma subcaeruleum | Birds |
| SYLVIIDAE | Phylloscopus ruficapilla | Birds |
| SYLVIIDAE | Phylloscopus trochilus | Birds |
| SYLVIIDAE | Prinia flavicans | Birds |
| SYLVIIDAE | Prinia hypoxantha | Birds |
| SYLVIIDAE | Prinia subflava | Birds |
| SYLVIIDAE | Schoenicola brevirostris | Birds |
| SYLVIIDAE | Sphenoeacus afer | Birds |
| SYLVIIDAE | Sylvia borin | Birds |
| Sylviidae | Sylvia communis | Birds |
| SYLVIIDAE | Sylvietta rufescens | Birds |
| TIMALIIDAE | Lioptilus nigricapillus | Birds |
| TIMALIIDAE | Turdoides jardineii | Birds |
| TROGONIDAE | Apaloderma narina | Birds |
| TURDIDAE | Cercomela familiaris | Birds |
| TURDIDAE | Cercotrichas leucophrys | Birds |
| TURDIDAE | Cercotrichas quadrivirgata | Birds |
| TURDIDAE | Cercotrichas signata | Birds |
| TURDIDAE | Cossypha caffra | Birds |
| TURDIDAE | Cossypha dichroa | Birds |
| TURDIDAE | Cossypha humeralis | Birds |
| TURDIDAE | Cossypha natalensis | Birds |
| TURDIDAE | Monticola explorator | Birds |
| TURDIDAE | Monticola rupestris | Birds |
| TURDIDAE | Myrmecocichla formicivora | Birds |
| TURDIDAE | Oenanthe bifasciata | Birds |
| TURDIDAE | Oenanthe monticola | Birds |
| TURDIDAE | Oenanthe pileata | Birds |
| TURDIDAE | Pogonocichla stellata | Birds |
| TURDIDAE | Psophocichla litsipsirupa | Birds |
| TURDIDAE | Saxicola torquatus | Birds |
| TURDIDAE | Thamnolaea cinnamomeiventris | Birds |
| TURDIDAE | Turdus libonyanus | Birds |
| TURDIDAE | Turdus olivaceus | Birds |
| TURDIDAE | Zoothera gurneyi | Birds |
| TURDIDAE | Zoothera guttata | Birds |
| TURNICIDAE | Turnix hottentotta | Birds |
| TURNICIDAE | Turnix sylvaticus | Birds |
| TYTONIDAE | Tyto alba | Birds |
| TYTONIDAE | Tyto capensis | Birds |
| UPUPIDAE | Upupa africana | Birds |

| Family | Scientific Name | Category |
|---|---|---|
| Viduidae | Anomalospiza imberbis | Birds |
| VIDUIDAE | Vidua chalybeata | Birds |
| VIDUIDAE | Vidua funerea | Birds |
| VIDUIDAE | Vidua macroura | Birds |
| VIDUIDAE | Vidua paradisaea | Birds |
| ZOSTEROPIDAE | Zosterops pallidus | Birds |
| Zosteropidae | Zosterops senegalensis | Birds |
| Zosteropidae | Zosterops virens | Birds |
| HESPERIIDAE | Abantis bicolor | Butterflies |
| HESPERIIDAE | Abantis paradisea | Butterflies |
| HESPERIIDAE | Acleros mackenii subsp. mackenii | Butterflies |
| HESPERIIDAE | Andronymus neander subsp. neander | Butterflies |
| HESPERIIDAE | Artitropa erinnys subsp. erinnys | Butterflies |
| HESPERIIDAE | Astictopterus inornatus | Butterflies |
| HESPERIIDAE | Borbo borbonica subsp. borbonica | Butterflies |
| HESPERIIDAE | Borbo detecta | Butterflies |
| HESPERIIDAE | Borbo fallax | Butterflies |
| HESPERIIDAE | Borbo fatuellus subsp. fatuellus | Butterflies |
| HESPERIIDAE | Borbo ferruginea subsp. dondo | Butterflies |
| HESPERIIDAE | Borbo gemella | Butterflies |
| HESPERIIDAE | Borbo lugens | Butterflies |
| HESPERIIDAE | Calleagris kobela | Butterflies |
| HESPERIIDAE | Celaenorrhinus mokeezi subsp. mokeezi | Butterflies |
| HESPERIIDAE | Celaenorrhinus mokeezi subsp. separata | Butterflies |
| HESPERIIDAE | Coeliades forestan subsp. forestan | Butterflies |
| HESPERIIDAE | Coeliades keithloa subsp. keithloa | Butterflies |
| HESPERIIDAE | Coeliades libeon | Butterflies |
| HESPERIIDAE | Coeliades pisistratus | Butterflies |
| HESPERIIDAE | Eagris nottoana subsp. nottoana | Butterflies |
| HESPERIIDAE | Eretis djaelaelae | Butterflies |
| HESPERIIDAE | Eretis umbra subsp. umbra | Butterflies |
| HESPERIIDAE | Gegenes hottentota | Butterflies |
| HESPERIIDAE | Gegenes niso subsp. niso | Butterflies |
| HESPERIIDAE | Gegenes pumilio subsp. gambica | Butterflies |
| HESPERIIDAE | Gomalia elma subsp. elma | Butterflies |
| HESPERIIDAE | Kedestes barberae subsp. barberae | Butterflies |
| HESPERIIDAE | Kedestes barberae subsp. bunta | Butterflies |
| HESPERIIDAE | Kedestes lenis subsp. lenis | Butterflies |
| HESPERIIDAE | Kedestes macomo | Butterflies |
| HESPERIIDAE | Kedestes mohozutza | Butterflies |
| HESPERIIDAE | Kedestes niveostriga subsp. niveostriga | Butterflies |
| HESPERIIDAE | Kedestes wallengrenii subsp. wallengrenii | Butterflies |
| HESPERIIDAE | Metisella aegipan subsp. aegipan | Butterflies |
| HESPERIIDAE | Metisella malgacha subsp. malgacha | Butterflies |

| Family | Scientific Name | Category |
|---|---|---|
| HESPERIIDAE | Metisella meninx | Butterflies |
| HESPERIIDAE | Metisella metis subsp. metis | Butterflies |
| HESPERIIDAE | Metisella metis subsp. paris | Butterflies |
| HESPERIIDAE | Metisella orientalis | Butterflies |
| HESPERIIDAE | Moltena fiara | Butterflies |
| HESPERIIDAE | Netrobalane canopus | Butterflies |
| HESPERIIDAE | Parnara monasi | Butterflies |
| HESPERIIDAE | Parosmodes morantii subsp. morantii | Butterflies |
| HESPERIIDAE | Pelopidas mathias | Butterflies |
| HESPERIIDAE | Pelopidas thrax subsp. inconspicua | Butterflies |
| HESPERIIDAE | Platylesches moritili | Butterflies |
| HESPERIIDAE | Platylesches neba | Butterflies |
| HESPERIIDAE | Sarangesa motozi | Butterflies |
| HESPERIIDAE | Spialia asterodia | Butterflies |
| HESPERIIDAE | Spialia delagoae | Butterflies |
| HESPERIIDAE | Spialia diomus subsp. ferax | Butterflies |
| HESPERIIDAE | Spialia dromus | Butterflies |
| HESPERIIDAE | Spialia spio | Butterflies |
| HESPERIIDAE | Tagiades flesus | Butterflies |
| HESPERIIDAE | Tsitana tsita | Butterflies |
| HESPERIIDAE | Zophopetes dysmephila | Butterflies |
| LYCAENIDAE | Actizera lucida | Butterflies |
| LYCAENIDAE | Alaena amazoula subsp. amazoula | Butterflies |
| LYCAENIDAE | Aloeides aranda | Butterflies |
| LYCAENIDAE | Aloeides henningi | Butterflies |
| LYCAENIDAE | Aloeides molomo subsp. coalescens | Butterflies |
| LYCAENIDAE | Aloeides oreas | Butterflies |
| LYCAENIDAE | Aloeides penningtoni | Butterflies |
| LYCAENIDAE | Aloeides swanepoeli | Butterflies |
| LYCAENIDAE | Aloeides taikosama | Butterflies |
| LYCAENIDAE | Anthene amarah subsp. amarah | Butterflies |
| LYCAENIDAE | Anthene butleri subsp. livida | Butterflies |
| LYCAENIDAE | Anthene contrastata subsp. mashuna | Butterflies |
| LYCAENIDAE | Anthene definita subsp. definita | Butterflies |
| LYCAENIDAE | Anthene kersteni | Butterflies |
| LYCAENIDAE | Anthene millari | Butterflies |
| LYCAENIDAE | Anthene minima | Butterflies |
| LYCAENIDAE | Anthene princeps subsp. princeps | Butterflies |
| LYCAENIDAE | Aphnaeus hutchinsonii | Butterflies |
| LYCAENIDAE | Axiocerses amanga subsp. amanga | Butterflies |
| LYCAENIDAE | Axiocerses tjoane subsp. tjoane | Butterflies |
| LYCAENIDAE | Azanus jesous subsp. jesous | Butterflies |
| LYCAENIDAE | Azanus mirza | Butterflies |
| LYCAENIDAE | Azanus moriqua | Butterflies |

| Family | Scientific Name | Category |
|---|---|---|
| LYCAENIDAE | Azanus natalensis | Butterflies |
| LYCAENIDAE | Azanus ubaldus | Butterflies |
| LYCAENIDAE | Baliochila aslanga | Butterflies |
| LYCAENIDAE | Cacyreus fracta subsp. fracta | Butterflies |
| LYCAENIDAE | Cacyreus lingeus | Butterflies |
| LYCAENIDAE | Cacyreus marshalli | Butterflies |
| LYCAENIDAE | Cacyreus virilis | Butterflies |
| LYCAENIDAE | Capys alphaeus subsp. alphaeus | Butterflies |
| LYCAENIDAE | Chilades trochylus | Butterflies |
| LYCAENIDAE | Chloroselas pseudozeretis subsp. pseudozeretis | Butterflies |
| LYCAENIDAE | Chrysoritis aethon | Butterflies |
| LYCAENIDAE | Chrysoritis aureus | Butterflies |
| LYCAENIDAE | Chrysoritis lycegenes | Butterflies |
| LYCAENIDAE | Chrysoritis natalensis | Butterflies |
| LYCAENIDAE | Chrysoritis oreas | Butterflies |
| LYCAENIDAE | Cigaritis ella | Butterflies |
| LYCAENIDAE | Cigaritis mozambica | Butterflies |
| LYCAENIDAE | Cigaritis natalensis | Butterflies |
| LYCAENIDAE | Cigaritis phanes | Butterflies |
| LYCAENIDAE | Crudaria leroma | Butterflies |
| LYCAENIDAE | Cupidopsis cissus subsp. cissus | Butterflies |
| LYCAENIDAE | Cupidopsis jobates subsp. jobates | Butterflies |
| LYCAENIDAE | Deudorix antalus | Butterflies |
| LYCAENIDAE | Deudorix dariaves | Butterflies |
| LYCAENIDAE | Deudorix diocles | Butterflies |
| LYCAENIDAE | Eicochrysops hippocrates | Butterflies |
| LYCAENIDAE | Eicochrysops messapus subsp. mahallakoaena | Butterflies |
| LYCAENIDAE | Eicochrysops messapus subsp. messapus | Butterflies |
| LYCAENIDAE | Euchrysops barkeri | Butterflies |
| LYCAENIDAE | Euchrysops malathana | Butterflies |
| LYCAENIDAE | Euchrysops osiris subsp. osiris | Butterflies |
| LYCAENIDAE | Euchrysops subpallida | Butterflies |
| LYCAENIDAE | Harpendyreus noquasa | Butterflies |
| LYCAENIDAE | Hypolycaena buxtoni subsp. buxtoni | Butterflies |
| LYCAENIDAE | Hypolycaena lochmophila | Butterflies |
| LYCAENIDAE | Hypolycaena philippus subsp. philippus | Butterflies |
| LYCAENIDAE | Iolaus aemulus | Butterflies |
| LYCAENIDAE | Iolaus aphnaeoides | Butterflies |
| LYCAENIDAE | Iolaus diametra subsp. natalica | Butterflies |
| LYCAENIDAE | Iolaus mimosae subsp. mimosae | Butterflies |
| LYCAENIDAE | Iolaus sidus | Butterflies |
| LYCAENIDAE | Iolaus silarus subsp. silarus | Butterflies |
| LYCAENIDAE | Iolaus silas | Butterflies |
| LYCAENIDAE | Lachnocnema bibulus | Butterflies |

| Family | Scientific Name | Category |
|---|---|---|
| LYCAENIDAE | Lachnocnema durbani | Butterflies |
| LYCAENIDAE | Lachnocnema laches | Butterflies |
| LYCAENIDAE | Lampides boeticus | Butterflies |
| LYCAENIDAE | Lepidochrysops glauca subsp. glauca | Butterflies |
| LYCAENIDAE | Lepidochrysops ketsi subsp. ketsi | Butterflies |
| LYCAENIDAE | Lepidochrysops patricia | Butterflies |
| LYCAENIDAE | Lepidochrysops plebeia subsp. plebeia | Butterflies |
| LYCAENIDAE | Lepidochrysops robertsoni | Butterflies |
| LYCAENIDAE | Lepidochrysops swanepoeli | Butterflies |
| LYCAENIDAE | Lepidochrysops tantalus | Butterflies |
| LYCAENIDAE | Lepidochrysops variabilis | Butterflies |
| LYCAENIDAE | Leptomyrina gorgias subsp. gorgias | Butterflies |
| LYCAENIDAE | Leptomyrina hirundo | Butterflies |
| LYCAENIDAE | Leptotes pirithous subsp. pirithous | Butterflies |
| LYCAENIDAE | Leptotes pulcher | Butterflies |
| LYCAENIDAE | Lycaena clarki | Butterflies |
| LYCAENIDAE | Myrina dermaptera subsp. dermaptera | Butterflies |
| LYCAENIDAE | Myrina silenus subsp. ficedula | Butterflies |
| LYCAENIDAE | Orachrysops ariadne | Butterflies |
| LYCAENIDAE | Orachrysops lacrimosa | Butterflies |
| LYCAENIDAE | Orachrysops niobe | Butterflies |
| LYCAENIDAE | Pentila tropicalis subsp. tropicalis | Butterflies |
| LYCAENIDAE | Stugeta bowkeri subsp. bowkeri | Butterflies |
| LYCAENIDAE | Stugeta bowkeri subsp. tearei | Butterflies |
| LYCAENIDAE | Tarucus sybaris subsp. sybaris | Butterflies |
| LYCAENIDAE | Teriomima zuluana | Butterflies |
| LYCAENIDAE | Thestor basutus subsp. basutus | Butterflies |
| LYCAENIDAE | Tuxentius calice subsp. calice | Butterflies |
| LYCAENIDAE | Tuxentius melaena subsp. melaena | Butterflies |
| LYCAENIDAE | Uranothauma nubifer subsp. nubifer | Butterflies |
| LYCAENIDAE | Zintha hintza subsp. hintza | Butterflies |
| LYCAENIDAE | Zizeeria knysna | Butterflies |
| LYCAENIDAE | Zizina antanossa | Butterflies |
| LYCAENIDAE | Zizula hylax | Butterflies |
| NYMPHALIDAE | Acraea acara subsp. acara | Butterflies |
| NYMPHALIDAE | Acraea aganice subsp. aganice | Butterflies |
| NYMPHALIDAE | Acraea aglaonice | Butterflies |
| NYMPHALIDAE | Acraea anemosa | Butterflies |
| NYMPHALIDAE | Acraea boopis subsp. boopis | Butterflies |
| NYMPHALIDAE | Acraea cerasa subsp. cerasa | Butterflies |
| NYMPHALIDAE | Acraea horta | Butterflies |
| NYMPHALIDAE | Acraea machequena | Butterflies |
| NYMPHALIDAE | Acraea natalica | Butterflies |
| NYMPHALIDAE | Acraea neobule subsp. neobule | Butterflies |

| Family | Scientific Name | Category |
|---|---|---|
| NYMPHALIDAE | Acraea nohara subsp. nohara | Butterflies |
| NYMPHALIDAE | Acraea oncaea | Butterflies |
| NYMPHALIDAE | Acraea petraea | Butterflies |
| NYMPHALIDAE | Acraea rabbaiae subsp. perlucida | Butterflies |
| NYMPHALIDAE | Acraea satis | Butterflies |
| NYMPHALIDAE | Acraea violarum | Butterflies |
| NYMPHALIDAE | Acraea zetes subsp. zetes | Butterflies |
| NYMPHALIDAE | Aeropetes tulbaghia | Butterflies |
| NYMPHALIDAE | Amauris albimaculata subsp. albimaculata | Butterflies |
| NYMPHALIDAE | Amauris echeria subsp. echeria | Butterflies |
| NYMPHALIDAE | Amauris niavius subsp. dominicanus | Butterflies |
| NYMPHALIDAE | Amauris ochlea subsp. ochlea | Butterflies |
| NYMPHALIDAE | Bicyclus anynana subsp. anynana | Butterflies |
| NYMPHALIDAE | Bicyclus safitza subsp. safitza | Butterflies |
| NYMPHALIDAE | Byblia anvatara subsp. acheloia | Butterflies |
| NYMPHALIDAE | Byblia ilithyia | Butterflies |
| NYMPHALIDAE | Cassionympha cassius | Butterflies |
| NYMPHALIDAE | Catacroptera cloanthe subsp. cloanthe | Butterflies |
| NYMPHALIDAE | Charaxes achaemenes subsp. achaemenes | Butterflies |
| NYMPHALIDAE | Charaxes brutus subsp. natalensis | Butterflies |
| NYMPHALIDAE | Charaxes candiope | Butterflies |
| NYMPHALIDAE | Charaxes castor subsp. flavifasciatus | Butterflies |
| NYMPHALIDAE | Charaxes cithaeron subsp. cithaeron | Butterflies |
| NYMPHALIDAE | Charaxes druceanus subsp. druceanus | Butterflies |
| NYMPHALIDAE | Charaxes ethalion subsp. ethalion | Butterflies |
| NYMPHALIDAE | Charaxes jahlusa subsp. argynnides | Butterflies |
| NYMPHALIDAE | Charaxes jasius subsp. saturnus | Butterflies |
| NYMPHALIDAE | Charaxes protoclea subsp. azota | Butterflies |
| NYMPHALIDAE | Charaxes vansoni | Butterflies |
| NYMPHALIDAE | Charaxes varanes subsp. varanes | Butterflies |
| NYMPHALIDAE | Charaxes xiphares subsp. bavenda | Butterflies |
| NYMPHALIDAE | Charaxes xiphares subsp. penningtoni | Butterflies |
| NYMPHALIDAE | Charaxes zoolina subsp. zoolina | Butterflies |
| NYMPHALIDAE | Coenyra aurantiaca | Butterflies |
| NYMPHALIDAE | Coenyra hebe | Butterflies |
| NYMPHALIDAE | Cymothoe alcimeda subsp. trimeni | Butterflies |
| NYMPHALIDAE | Cymothoe coranus subsp. coranus | Butterflies |
| NYMPHALIDAE | Danaus chrysippus subsp. orientis | Butterflies |
| NYMPHALIDAE | Dingana alaedeus | Butterflies |
| NYMPHALIDAE | Dingana alticola | Butterflies |
| NYMPHALIDAE | Euryphura achlys | Butterflies |
| NYMPHALIDAE | Eurytela dryope subsp. angulata | Butterflies |
| NYMPHALIDAE | Eurytela hiarbas subsp. angustata | Butterflies |
| NYMPHALIDAE | Euxanthe wakefieldi | Butterflies |

| Family | Scientific Name | Category |
|---|---|---|
| NYMPHALIDAE | Heteropsis perspicua subsp. perspicua | Butterflies |
| NYMPHALIDAE | Hypolimnas anthedon subsp. wahlbergi | Butterflies |
| NYMPHALIDAE | Hypolimnas misippus | Butterflies |
| NYMPHALIDAE | Junonia hierta subsp. cebrene | Butterflies |
| NYMPHALIDAE | Junonia natalica subsp. natalica | Butterflies |
| NYMPHALIDAE | Junonia oenone subsp. oenone | Butterflies |
| NYMPHALIDAE | Junonia orithya subsp. madagascariensis | Butterflies |
| NYMPHALIDAE | Junonia terea subsp. elgiva | Butterflies |
| NYMPHALIDAE | Lachnoptera ayresii | Butterflies |
| NYMPHALIDAE | Libythea labdaca subsp. laius | Butterflies |
| NYMPHALIDAE | Melanitis leda subsp. helena | Butterflies |
| NYMPHALIDAE | Neita neita | Butterflies |
| NYMPHALIDAE | Neptis goochii | Butterflies |
| NYMPHALIDAE | Neptis laeta | Butterflies |
| NYMPHALIDAE | Neptis saclava subsp. marpessa | Butterflies |
| NYMPHALIDAE | Paralethe dendrophilus subsp. albina | Butterflies |
| NYMPHALIDAE | Paralethe dendrophilus subsp. dendrophilus | Butterflies |
| NYMPHALIDAE | Paralethe dendrophilus subsp. indosa | Butterflies |
| NYMPHALIDAE | Pardopsis punctatissima | Butterflies |
| NYMPHALIDAE | Phalanta eurytis subsp. eurytis | Butterflies |
| NYMPHALIDAE | Phalanta phalantha subsp. aethiopica | Butterflies |
| NYMPHALIDAE | Physcaeneura panda | Butterflies |
| NYMPHALIDAE | Precis archesia subsp. archesia | Butterflies |
| NYMPHALIDAE | Precis ceryne subsp. ceryne | Butterflies |
| NYMPHALIDAE | Precis octavia subsp. sesamus | Butterflies |
| NYMPHALIDAE | Precis tugela subsp. tugela | Butterflies |
| NYMPHALIDAE | Protogoniomorpha anacardii subsp. nebulosa | Butterflies |
| NYMPHALIDAE | Protogoniomorpha parhassus | Butterflies |
| NYMPHALIDAE | Pseudacraea eurytus subsp. imitator | Butterflies |
| NYMPHALIDAE | Pseudacraea lucretia subsp. expansa | Butterflies |
| NYMPHALIDAE | Pseudacraea lucretia subsp. tarquinea | Butterflies |
| NYMPHALIDAE | Pseudonympha magoides | Butterflies |
| NYMPHALIDAE | Pseudonympha poetula | Butterflies |
| NYMPHALIDAE | Sevenia boisduvali subsp. boisduvali | Butterflies |
| NYMPHALIDAE | Sevenia morantii | Butterflies |
| NYMPHALIDAE | Sevenia natalensis | Butterflies |
| NYMPHALIDAE | Sevenia rosa | Butterflies |
| NYMPHALIDAE | Stygionympha wichgrafi subsp. williami | Butterflies |
| NYMPHALIDAE | Telchinia alalonga | Butterflies |
| NYMPHALIDAE | Telchinia anacreon | Butterflies |
| NYMPHALIDAE | Telchinia cabira | Butterflies |
| NYMPHALIDAE | Telchinia encedon subsp. encedon | Butterflies |
| NYMPHALIDAE | Telchinia esebria | Butterflies |
| NYMPHALIDAE | Telchinia igola | Butterflies |

| Family | Scientific Name | Category |
|---|---|---|
| NYMPHALIDAE | Telchinia serena | Butterflies |
| NYMPHALIDAE | Vanessa cardui | Butterflies |
| NYMPHALIDAE | Ypthima asterope subsp. asterope | Butterflies |
| NYMPHALIDAE | Ypthima impura subsp. paupera | Butterflies |
| PAPILIONIDAE | Graphium angolanus subsp. angolanus | Butterflies |
| PAPILIONIDAE | Graphium antheus | Butterflies |
| PAPILIONIDAE | Graphium colonna | Butterflies |
| PAPILIONIDAE | Graphium leonidas subsp. leonidas | Butterflies |
| PAPILIONIDAE | Graphium morania | Butterflies |
| PAPILIONIDAE | Graphium policenes subsp. policenes | Butterflies |
| PAPILIONIDAE | Papilio dardanus subsp. cenea | Butterflies |
| PAPILIONIDAE | Papilio demodocus subsp. demodocus | Butterflies |
| PAPILIONIDAE | Papilio echerioides subsp. echeroides | Butterflies |
| PAPILIONIDAE | Papilio nireus subsp. lyaeus | Butterflies |
| PAPILIONIDAE | Papilio ophidicephalus subsp. ayresi | Butterflies |
| PAPILIONIDAE | Papilio ophidicephalus subsp. zuluensis | Butterflies |
| PIERIDAE | Appias epaphia subsp. contracta | Butterflies |
| PIERIDAE | Appias sabina subsp. phoebe | Butterflies |
| PIERIDAE | Belenois aurota subsp. aurota | Butterflies |
| PIERIDAE | Belenois creona subsp. severina | Butterflies |
| PIERIDAE | Belenois gidica subsp. abyssinica | Butterflies |
| PIERIDAE | Belenois thysa subsp. thysa | Butterflies |
| PIERIDAE | Catopsilia florella | Butterflies |
| PIERIDAE | Colias electo subsp. electo | Butterflies |
| PIERIDAE | Colotis antevippe subsp. gavisa | Butterflies |
| PIERIDAE | Colotis auxo | Butterflies |
| PIERIDAE | Colotis danae subsp. annae | Butterflies |
| PIERIDAE | Colotis eris subsp. eris | Butterflies |
| PIERIDAE | Colotis euippe subsp. omphale | Butterflies |
| PIERIDAE | Colotis evagore subsp. antigone | Butterflies |
| PIERIDAE | Colotis ione | Butterflies |
| PIERIDAE | Colotis pallene | Butterflies |
| PIERIDAE | Colotis regina | Butterflies |
| PIERIDAE | Colotis subfasciatus subsp. subfasciatus | Butterflies |
| PIERIDAE | Colotis vesta subsp. argillaceus | Butterflies |
| PIERIDAE | Dixeia charina subsp. charina | Butterflies |
| PIERIDAE | Dixeia pigea | Butterflies |
| PIERIDAE | Dixeia spilleri | Butterflies |
| PIERIDAE | Eronia cleodora subsp. cleodora | Butterflies |
| PIERIDAE | Eronia leda | Butterflies |
| PIERIDAE | Eurema brigitta subsp. brigitta | Butterflies |
| PIERIDAE | Eurema desjardinsii subsp. marshalli | Butterflies |
| PIERIDAE | Eurema hecabe subsp. solifera | Butterflies |
| PIERIDAE | Eurema regularis | Butterflies |

| Family | Scientific Name | Category |
|---|---|---|
| PIERIDAE | Leptosia alcesta subsp. inalcesta | Butterflies |
| PIERIDAE | Mylothris agathina subsp. agathina | Butterflies |
| PIERIDAE | Mylothris rueppellii subsp. haemus | Butterflies |
| PIERIDAE | Mylothris trimenia | Butterflies |
| PIERIDAE | Nepheronia argia subsp. varia | Butterflies |
| PIERIDAE | Nepheronia argia subsp. variegata | Butterflies |
| PIERIDAE | Pinacopteryx eriphia subsp. eriphia | Butterflies |
| PIERIDAE | Pontia helice subsp. helice | Butterflies |
| Ambassidae | Ambassis ambassis | Fish |
| Ambassidae | Ambassis dussumieri | Fish |
| Ambassidae | Ambassis gymnocephalus | Fish |
| Ambassidae | Ambassis natalensis | Fish |
| Amphiliidae | Amphilius natalensis | Fish |
| Amphiliidae | Amphilius uranoscopus | Fish |
| Anguillidae | Anguilla marmorata | Fish |
| Ariidae | Galeichthys feliceps | Fish |
| Blenniidae | Omobranchus woodi | Fish |
| Carangidae | Caranx ignobilis | Fish |
| Carangidae | Caranx sem | Fish |
| Carangidae | Caranx sexfasciatus | Fish |
| Carangidae | Scomberoides sp. | Fish |
| Carangidae | Trachinotus africanus | Fish |
| Centrarchidae | Micropterus punctulatus | Fish |
| Cichlidae | Oreochromis mossambicus | Fish |
| Cichlidae | Pseudocrenilabrus philander | Fish |
| Cichlidae | Serranochromis thumbergi | Fish |
| Cichlidae | Tilapia rendalli | Fish |
| Cichlidae | Tilapia sparrmanii | Fish |
| Clariidae | Clarias gariepinus | Fish |
| Clariidae | Clarias theodorae | Fish |
| Clupeidae | Sardinops sagax | Fish |
| Congridae | Congridae | Fish |
| Cyprinidae | Barbus anoplus | Fish |
| Cyprinidae | Barbus argenteus | Fish |
| Cyprinidae | Barbus cf. neefi | Fish |
| Cyprinidae | Barbus gurneyi | Fish |
| Cyprinidae | Barbus pallidus | Fish |
| Cyprinidae | Barbus paludinosus | Fish |
| Cyprinidae | Barbus trimaculatus | Fish |
| Cyprinidae | Barbus unitaeniatus | Fish |
| Cyprinidae | Barbus viviparus | Fish |
| Cyprinidae | Labeo cylindricus | Fish |
| Cyprinidae | Labeo molybdinus | Fish |
| Cyprinidae | Labeobarbus aeneus | Fish |

| Family | Scientific Name | Category |
|---|---|---|
| Cyprinidae | Labeobarbus marequensis | Fish |
| Cyprinidae | Labeobarbus natalensis | Fish |
| Cyprinidae | Labeobarbus polylepis | Fish |
| Cyprinidae | Mesobola brevianalis | Fish |
| Cyprinidae | Opsaridium peringueyi | Fish |
| Cyprinidae | Varicorhinus nelspruitensis | Fish |
| Eleotridae | Eleotris fusca | Fish |
| Eleotridae | Hypseleotris dayi | Fish |
| Eleotridae | Ophiocara porocephala | Fish |
| Elopidae | Elops machnata | Fish |
| Gerreidae | Gerres filamentosus | Fish |
| Gerreidae | Gerres macracanthus | Fish |
| Gerreidae | Gerres oblongus | Fish |
| Gobiidae | Awaous aeneofuscus | Fish |
| Gobiidae | Croilia mossambica | Fish |
| Gobiidae | Glossogobius callidus | Fish |
| Gobiidae | Glossogobius tenuiformis | Fish |
| Gobiidae | Mugilogobius inhacae | Fish |
| Gobiidae | Oligolepis acutipennis | Fish |
| Gobiidae | Oxyurichthys ophthalonema | Fish |
| Gobiidae | Periophthalmus argentilineatus | Fish |
| Gobiidae | Redigobius dewaali | Fish |
| Gobiidae | Stenogobius polyzonus | Fish |
| Gobiidae | Taenioides esquivel | Fish |
| Gobiidae | Valenciennea sexguttata | Fish |
| Haemulidae | Diagramma pictum | Fish |
| Haemulidae | Pomadasys commersonnii | Fish |
| Haemulidae | Pomadasys kaakan | Fish |
| Kuhliidae | Kuhlia rupestris | Fish |
| Leiognathidae | Gazza minuta | Fish |
| Leiognathidae | Leiognathus equula | Fish |
| Lethrinidae | Lethrinus nebulosus | Fish |
| Mochokidae | Chiloglanis anoterus | Fish |
| Mochokidae | Chiloglanis emarginatus | Fish |
| Mochokidae | Chiloglanis paratus | Fish |
| Mochokidae | Chiloglanis swierstrai | Fish |
| Monodactylidae | Monodactylus argenteus | Fish |
| Monodactylidae | Monodactylus falciformis | Fish |
| Mormyridae | Marcusenius macrolepidotus | Fish |
| Mormyridae | Marcusenius pongolensis | Fish |
| Mugilidae | Crenimugil crenilabis | Fish |
| Mugilidae | Liza dumerilii | Fish |
| Mugilidae | Liza macrolepis | Fish |
| Mugilidae | Valamugil buchanani | Fish |

| Family | Scientific Name | Category |
|---|---|---|
| Mugilidae | Valamugil cunnesius | Fish |
| Mugilidae | Valamugil robustus | Fish |
| Mugilidae | Valamugil seheli | Fish |
| Muraenesocidae | Muraenesox bagio | Fish |
| Muraenidae | Strophidon sathete | Fish |
| Muraenidae | Thyrsoidea macrura | Fish |
| Ophichthidae | Ophichthus sp. | Fish |
| Ophichthidae | Pisodonophis boro | Fish |
| Platycephalidae | Platycephalus indicus | Fish |
| Poeciliidae | Aplocheilichthys johnstoni | Fish |
| Poeciliidae | Aplocheilichthys katangae | Fish |
| Poeciliidae | Poecilia reticulata | Fish |
| Pomatomidae | Pomatomus saltatrix | Fish |
| Rhinobatidae | Rhinobatos annulatus | Fish |
| Salmonidae | Oncorhynchus mykiss | Fish |
| Sciaenidae | Argyrosomus hololepidotus | Fish |
| Scorpaenidae | Scorpaena scrofa | Fish |
| Serranidae | Epinephelus albomarginatus | Fish |
| Serranidae | Epinephelus lanceolatus | Fish |
| Serranidae | Epinephelus malabaricus | Fish |
| Sillaginidae | Sillago sihama | Fish |
| Soleidae | Solea bleekeri | Fish |
| Sparidae | Acanthopagrus berda | Fish |
| Sparidae | Argyrops filamentosus | Fish |
| Sparidae | Chrysoblephus anglicus | Fish |
| Sparidae | Chrysoblephus lophus | Fish |
| Sparidae | Polysteganus coeruleopunctatus | Fish |
| Sparidae | Polysteganus praeorbitalis | Fish |
| Sparidae | Porcostoma dentata | Fish |
| Sparidae | Pterogymnus laniarius | Fish |
| Sparidae | Rhabdosargus holubi | Fish |
| Sphyraenidae | Sphyraena jello | Fish |
| Syngnathidae | Hippichthys spicifer | Fish |
| Terapontidae | Terapon jarbua | Fish |
| Tetraodontidae | Arothron immaculatus | Fish |
| Triakidae | Scylliogaleus quecketti | Fish |
| Actinolaimidae | Actinca intermedia | Invertebrates |
| Actinolaimidae | Afractinolaimus noblei | Invertebrates |
| Actinolaimidae | Neoactinolaimus sp. | Invertebrates |
| Actinolaimidae | Neoactinolaimus vaalensis | Invertebrates |
| Aeolosomatidae | Aeolosoma sp. | Invertebrates |
| Aeshnidae | Aeshna minuscula | Invertebrates |
| Aeshnidae | Aeshna rileyi | Invertebrates |
| Aeshnidae | Aeshna sp. | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Aeshnidae | Anax sp. | Invertebrates |
| Aeshnidae | Unidentified Aeshnidae | Invertebrates |
| Agelenidae | Benoitia ocellata | Invertebrates |
| Agelenidae | Olorunia sp. | Invertebrates |
| Amaurobiidae | Chresiona sp. | Invertebrates |
| Ammoxenidae | Ammoxenus amphalodes | Invertebrates |
| Anapidae | Anapidae | Invertebrates |
| Ancylidae | Burnupia capensis | Invertebrates |
| Ancylidae | Burnupia sp. | Invertebrates |
| Ancylidae | Burnupia transvaalensis | Invertebrates |
| Apidae | Allodape ceratinoides | Invertebrates |
| Apidae | Allodape pernix | Invertebrates |
| Apidae | Allodape sp. | Invertebrates |
| Apidae | Allodape stellarum | Invertebrates |
| Apidae | Allodapula dichroa | Invertebrates |
| Apidae | Allodapula sp. | Invertebrates |
| Apidae | Allodapula variegata | Invertebrates |
| Apidae | Amegilla Acraensis | Invertebrates |
| Apidae | Amegilla caelestina | Invertebrates |
| Apidae | Amegilla calens | Invertebrates |
| Apidae | Amegilla capensis | Invertebrates |
| Apidae | Amegilla fallax | Invertebrates |
| Apidae | Amegilla mimadvena | Invertebrates |
| Apidae | Amegilla sp. | Invertebrates |
| Apidae | Braunsapis sp | Invertebrates |
| Apidae | Chalicodoma sp | Invertebrates |
| Apidae | Eucara macrognatha | Invertebrates |
| Apidae | Halictus denticulata | Invertebrates |
| Apidae | Heriades sp | Invertebrates |
| Apidae | Liotrigona bottegoi | Invertebrates |
| Apidae | Lithurge pullatus | Invertebrates |
| Apidae | Megachile ekuivella | Invertebrates |
| Apidae | Megachile eurymella | Invertebrates |
| Apidae | Megachile sp. | Invertebrates |
| Apidae | Melittidae sp | Invertebrates |
| Apidae | Nomia sp | Invertebrates |
| Apidae | Pachynomia amoenula | Invertebrates |
| Apidae | stellarum Allodape | Invertebrates |
| Apidae | Thyreus axillaris | Invertebrates |
| Apidae | Thyreus calceatus | Invertebrates |
| Apidae | Thyreus meripes | Invertebrates |
| Apidae | Unknown | Invertebrates |
| Apidae | Xylocopa caffra | Invertebrates |
| Apidae | Xylocopa flavicollis | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Apidae | Xylocopa flavorufa | Invertebrates |
| Apidae | Xylocopa hottentotta | Invertebrates |
| Apidae | Xylocopa nigrita | Invertebrates |
| Araneidae | Araneidae | Invertebrates |
| Araneidae | Araneus apricus | Invertebrates |
| Araneidae | Araneus holzapfelae | Invertebrates |
| Araneidae | Araneus nigroquadratus | Invertebrates |
| Araneidae | Araneus sp. | Invertebrates |
| Araneidae | Araneus strupifer | Invertebrates |
| Araneidae | Araniella sp. | Invertebrates |
| Araneidae | Argiope australis | Invertebrates |
| Araneidae | Argiope trifasciata | Invertebrates |
| Araneidae | Caerostris sexcuspidata | Invertebrates |
| Araneidae | Caerostris sp. | Invertebrates |
| Araneidae | Caerostris vicina | Invertebrates |
| Araneidae | Chorizopes sp. | Invertebrates |
| Araneidae | Gasteracantha falcicornis | Invertebrates |
| Araneidae | Gasteracantha milvoides | Invertebrates |
| Araneidae | Gea sp. | Invertebrates |
| Araneidae | Hypsacantha crucimaculata | Invertebrates |
| Araneidae | Hypsosinga sp. | Invertebrates |
| Araneidae | Larinia sp. | Invertebrates |
| Araneidae | Lipocrea longissima | Invertebrates |
| Araneidae | Mahembea hewitti | Invertebrates |
| Araneidae | Nemoscolus sp. | Invertebrates |
| Araneidae | Neoscona angulatula | Invertebrates |
| Araneidae | Neoscona blondeli | Invertebrates |
| Araneidae | Neoscona moreli | Invertebrates |
| Araneidae | Neoscona quincasea | Invertebrates |
| Araneidae | Neoscona rapta | Invertebrates |
| Araneidae | Neoscona subfusca | Invertebrates |
| Araneidae | Neoscona triangula | Invertebrates |
| Araneidae | Neoscona vigilans | Invertebrates |
| Araneidae | Pararaneus sp. | Invertebrates |
| Araneidae | Pararaneus spectator | Invertebrates |
| Araneidae | Poltys furcifer | Invertebrates |
| Araneidae | Pycnacantha tribulus | Invertebrates |
| Araneidae | Singa sp. | Invertebrates |
| Archaeidae | Afrarchaea godfreyi | Invertebrates |
| Archaeidae | Afrarchaea ngomensis | Invertebrates |
| Arrenuridae | Arrenurus larochei | Invertebrates |
| Arrenuridae | Arrenurus longigenitalis | Invertebrates |
| Arrenuridae | Arrenurus sp. | Invertebrates |
| Arrenuridae | Arrenurus turmasetosus | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Asilidae | Ommatius macquart | Invertebrates |
| Asilidae | Scylaticus tyligmus | Invertebrates |
| Asilidae | Sisyrnodytes subater | Invertebrates |
| Athericidae | Atherix sp. | Invertebrates |
| Aturidae | Axonopsalbia procera | Invertebrates |
| Atyidae | Caridina africana | Invertebrates |
| Atyidae | Caridina nilotica | Invertebrates |
| Atyidae | Caridina typhus | Invertebrates |
| Axonopsidae | Axonopsis gracilipalpis | Invertebrates |
| Axonopsidae | Axonopsis pusilla | Invertebrates |
| Baetidae | Acentrella sp. | Invertebrates |
| Baetidae | Afroptilum excisum | Invertebrates |
| Baetidae | Afroptilum flavum | Invertebrates |
| Baetidae | Afroptilum indusii | Invertebrates |
| Baetidae | Afroptilum medium | Invertebrates |
| Baetidae | Afroptilum parvum | Invertebrates |
| Baetidae | Afroptilum pulchrum | Invertebrates |
| Baetidae | Afroptilum sp. | Invertebrates |
| Baetidae | Afroptilum sudafricanum | Invertebrates |
| Baetidae | Afroptilum varium | Invertebrates |
| Baetidae | Austrocloeon sp. | Invertebrates |
| Baetidae | Austrocloeon virgiliae | Invertebrates |
| Baetidae | Baetis bellus | Invertebrates |
| Baetidae | Baetis glaucus | Invertebrates |
| Baetidae | Baetis harrisoni | Invertebrates |
| Baetidae | Baetis latus | Invertebrates |
| Baetidae | Baetis sp. | Invertebrates |
| Baetidae | Centroptiloides bifasciata | Invertebrates |
| Baetidae | Centroptilum excisum | Invertebrates |
| Baetidae | Centroptilum flavum | Invertebrates |
| Baetidae | Centroptilum parvum | Invertebrates |
| Baetidae | Centroptilum pulchrum | Invertebrates |
| Baetidae | Centroptilum sp. | Invertebrates |
| Baetidae | Centroptilum sudafricanum | Invertebrates |
| Baetidae | Cloeon sp. | Invertebrates |
| Baetidae | Cloeon virgiliae | Invertebrates |
| Baetidae | Pseudocloeon inzingae | Invertebrates |
| Baetidae | Pseudocloeon maculosum | Invertebrates |
| Baetidae | Pseudocloeon minutum | Invertebrates |
| Baetidae | Pseudocloeon sp. | Invertebrates |
| Baetidae | Pseudocloeon vinosum | Invertebrates |
| Baetidae | Unidentified Baetidae | Invertebrates |
| Belostomatidae | Diplonychus capensis | Invertebrates |
| Belostomatidae | Diplonychus grassei | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Belostomatidae | Unidentified Belostomatidae | Invertebrates |
| Bombyliidae | Geron (Pseudoammictus) luctuosus | Invertebrates |
| Bombyliidae | Gonarthrus turneri var.melalophus | Invertebrates |
| Bombyliidae | Heteralonia (Acrodisca) obscuripennis | Invertebrates |
| Bombyliidae | Litorhina ectophaea | Invertebrates |
| Bombyliidae | Megapalpus | Invertebrates |
| Bombyliidae | Parisus karooensis | Invertebrates |
| Bosminidae | Bosmina sp. | Invertebrates |
| Brachyceridae | Ocladius obliquesetasus | Invertebrates |
| Brachyceridae | Ocladius variabilis | Invertebrates |
| Braconidae | Physaraia | Invertebrates |
| Bufonidae | Bufo regularis | Invertebrates |
| Bufonidae | Bufo sp. | Invertebrates |
| Buprestidae | Oedisterna livida | Invertebrates |
| Buprestidae | Sphenoptera atomaria | Invertebrates |
| Buprestidae | Sphenoptera capensis | Invertebrates |
| Caenidae | Austrocaenis capensis | Invertebrates |
| Caenidae | Austrocaenis sp. | Invertebrates |
| Caenidae | Caenis sp. | Invertebrates |
| Caenidae | Caenodes sp. | Invertebrates |
| Caenidae | Caenomedea sp. | Invertebrates |
| Caenidae | Unidentified Caenidae | Invertebrates |
| Calamoceratidae | Anisocentropus sp. | Invertebrates |
| Caponiidae | Caponia chelifera | Invertebrates |
| Caponiidae | Caponia sp. | Invertebrates |
| Carabidae | Macrocheilus spectandus | Invertebrates |
| Carabidae | Ocybatus bohemani | Invertebrates |
| Carabidae | Phloeozetus cordiger | Invertebrates |
| Carabidae | Trechodes babaulti | Invertebrates |
| Carabidae | Umtalius epigraphides | Invertebrates |
| Ceratopogonidae | Atrichopogon kelainosoma | Invertebrates |
| Ceratopogonidae | Atrichopogon sp. | Invertebrates |
| Ceratopogonidae | Bezzia sp. | Invertebrates |
| Ceratopogonidae | Culicoides sp. | Invertebrates |
| Chaoboridae | Chaoborus sp. | Invertebrates |
| Chironomidae | Ablabesmyia appendiculata | Invertebrates |
| Chironomidae | Ablabesmyia dusoleili | Invertebrates |
| Chironomidae | Bryophaenocladius brincki | Invertebrates |
| Chironomidae | Cardiocladius oliffi | Invertebrates |
| Chironomidae | Chironomus brevibucca | Invertebrates |
| Chironomidae | Chironomus caffrarius | Invertebrates |
| Chironomidae | Chironomus calipterus | Invertebrates |
| Chironomidae | Chironomus formosipennis | Invertebrates |
| Chironomidae | Chironomus lacteiforceps | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Chironomidae | Chironomus nudiforceps | Invertebrates |
| Chironomidae | Chironomus sp. | Invertebrates |
| Chironomidae | Chironomus tetraleucus | Invertebrates |
| Chironomidae | Cladotanytarsus pseudomancus | Invertebrates |
| Chironomidae | Cladotanytarsus reductus | Invertebrates |
| Chironomidae | Clinotanypus claripennis | Invertebrates |
| Chironomidae | Clinotanypus sp. | Invertebrates |
| Chironomidae | Coelotanypus sp. | Invertebrates |
| Chironomidae | Corynoneura elongata | Invertebrates |
| Chironomidae | Cricotopus albitibia | Invertebrates |
| Chironomidae | Cricotopus scottae | Invertebrates |
| Chironomidae | Cryptochironomus lindneri | Invertebrates |
| Chironomidae | Cryptochironomus nudiforceps | Invertebrates |
| Chironomidae | Cryptochironomus sp. | Invertebrates |
| Chironomidae | Cryptochironomus unicalcar | Invertebrates |
| Chironomidae | Dicrotendipes peringueyi | Invertebrates |
| Chironomidae | Dicrotendipes pilosimanus | Invertebrates |
| Chironomidae | Harnischia lacteiforceps | Invertebrates |
| Chironomidae | Larsia octomaculata | Invertebrates |
| Chironomidae | Limnophyes natalensis | Invertebrates |
| Chironomidae | Metriocnemus capensis | Invertebrates |
| Chironomidae | Microchironomus tener | Invertebrates |
| Chironomidae | Nanocladius argentiplumus | Invertebrates |
| Chironomidae | Nanocladius vitellinus | Invertebrates |
| Chironomidae | Nilodorum brevibucca | Invertebrates |
| Chironomidae | Orthocladius bergensis | Invertebrates |
| Chironomidae | Paracladopelma rhodesianum | Invertebrates |
| Chironomidae | Paratrichocladius micans | Invertebrates |
| Chironomidae | Pentaneura dusoleili | Invertebrates |
| Chironomidae | Pentaneura octomaculata | Invertebrates |
| Chironomidae | Pentaneura sp. | Invertebrates |
| Chironomidae | Polypedilum albosignatum | Invertebrates |
| Chironomidae | Polypedilum brunneum | Invertebrates |
| Chironomidae | Polypedilum dewulfi | Invertebrates |
| Chironomidae | Polypedilum natalense | Invertebrates |
| Chironomidae | Polypedilum tridens | Invertebrates |
| Chironomidae | Procladius apicalis | Invertebrates |
| Chironomidae | Procladius sp. | Invertebrates |
| Chironomidae | Psectrocladius viridescens | Invertebrates |
| Chironomidae | Pseudorthocladius nigerrimus | Invertebrates |
| Chironomidae | Rheotanytarsus bifurcus | Invertebrates |
| Chironomidae | Rheotanytarsus sp. | Invertebrates |
| Chironomidae | Smittia conigera | Invertebrates |
| Chironomidae | Smittia rectilobus | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Chironomidae | Smittia sp. | Invertebrates |
| Chironomidae | Stictochironomus caffrarius | Invertebrates |
| Chironomidae | Stictochironomus puripennis | Invertebrates |
| Chironomidae | Tanypus guttatipennis | Invertebrates |
| Chironomidae | Tanytarsus linearis | Invertebrates |
| Chironomidae | Tanytarsus nigricornis | Invertebrates |
| Chironomidae | Tanytarsus pseudomancus | Invertebrates |
| Chironomidae | Tanytarsus sp. | Invertebrates |
| Chironomidae | Thienemanniella antennata | Invertebrates |
| Chironomidae | Thienemanniella lineola | Invertebrates |
| Chironomidae | Thienemanniella sp. | Invertebrates |
| Chironomidae | Trichocladius micans | Invertebrates |
| Chironomidae | Unidentified Chironomidae | Invertebrates |
| Chlorocyphidae | Chlorocypha caligata | Invertebrates |
| Chlorocyphidae | Chlorocypha sp. | Invertebrates |
| Chlorocyphidae | Platycypha sp. | Invertebrates |
| Chrysomelidae | Aphthona sp. | Invertebrates |
| Chrysomelidae | Sphaeroderma capensis | Invertebrates |
| Chrysomelidae | Sphaeroderma grassei | Invertebrates |
| Chrysomelidae | Sphaeroderma nepoides | Invertebrates |
| Chrysomelidae | Sphaeroderma sp. | Invertebrates |
| Chrysomelidae | Unidentified Chrysomelidae | Invertebrates |
| Chydoridae | Acroperus sp. | Invertebrates |
| Chydoridae | Alona sp. | Invertebrates |
| Chydoridae | Alonella sp. | Invertebrates |
| Chydoridae | Chydorus sp. | Invertebrates |
| Chydoridae | Chydorus sphaericus | Invertebrates |
| Chydoridae | Euryalona sp. | Invertebrates |
| Chydoridae | Leydigia leydigi | Invertebrates |
| Chydoridae | Leydigia microps | Invertebrates |
| Chydoridae | Leydigia propinqua | Invertebrates |
| Chydoridae | Leydigia sp. | Invertebrates |
| Chydoridae | Pleuroxus inermis | Invertebrates |
| Chydoridae | Pleuroxus sp. | Invertebrates |
| Chydoridae | Pleuroxus trigonellus | Invertebrates |
| Chydoridae | Rhynchotalona rostrata | Invertebrates |
| Chydoridae | Unidentified Chydoridae | Invertebrates |
| Cicadellidae | Renosteria waverena | Invertebrates |
| Clariidae | Clarias sp. | Invertebrates |
| Clubionidae | Clubiona pongolensis | Invertebrates |
| Clubionidae | Clubiona sp. | Invertebrates |
| Clubionidae | Clubiona subtrivialis | Invertebrates |
| Clubionidae | Clubiona umbilensis | Invertebrates |
| Clubionidae | Clubionidae | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Coenagrionidae | Ceriagrion sp. | Invertebrates |
| Coenagrionidae | Enallagma sapphirinum | Invertebrates |
| Coenagrionidae | Ischnura senegalensis | Invertebrates |
| Coenagrionidae | Pseudagrion citricola | Invertebrates |
| Coenagrionidae | Pseudagrion gigas | Invertebrates |
| Coenagrionidae | Pseudagrion kersteni | Invertebrates |
| Coenagrionidae | Pseudagrion massaicum | Invertebrates |
| Coenagrionidae | Pseudagrion natalense | Invertebrates |
| Coenagrionidae | Pseudagrion salisburyense | Invertebrates |
| Coenagrionidae | Pseudagrion sp. | Invertebrates |
| Coenagrionidae | Pseudagrion spernatum | Invertebrates |
| Coenagrionidae | Unidentified Coenagrionidae | Invertebrates |
| Colletidae | Colletes malleatus | Invertebrates |
| Colletidae | Scrapter | Invertebrates |
| Corbiculidae | Corbicula africana | Invertebrates |
| Corbiculidae | Corbicula sp. | Invertebrates |
| Corduliidae | Macromia sp. | Invertebrates |
| Corduliidae | Unidentified Corduliidae | Invertebrates |
| Corixidae | Sigara contortuplicata | Invertebrates |
| Corixidae | Sigara sjoestedti | Invertebrates |
| Corixidae | Sigara sp. | Invertebrates |
| Corixidae | Sigara wahlbergi | Invertebrates |
| Corixidae | Unidentified Corixidae | Invertebrates |
| Corophiidae | Corophium triaenonyx | Invertebrates |
| Cryptophagidae | Unidentified Cryptophagidae | Invertebrates |
| Ctenizidae | Stasimopus schreineri | Invertebrates |
| Culicidae | Anopheles sp. | Invertebrates |
| Culicidae | Culex sp. | Invertebrates |
| Culicidae | Unidentified Culicidae | Invertebrates |
| Curculionidae | Lixus figuratus | Invertebrates |
| Curculionidae | Unidentified Curculionidae | Invertebrates |
| Cyclocyprididae | Unidentified Cyclocyprididae | Invertebrates |
| Cyclopidae | Acanthocyclops vernalis | Invertebrates |
| Cyclopidae | Ectocyclops phaleratus | Invertebrates |
| Cyclopidae | Eucyclops euacanthus | Invertebrates |
| Cyclopidae | Eucyclops serrulatus | Invertebrates |
| Cyclopidae | Eucyclops sp. | Invertebrates |
| Cyclopidae | Eucyclops sublaevis | Invertebrates |
| Cyclopidae | Macrocyclops albidus | Invertebrates |
| Cyclopidae | Macrocyclops sp. | Invertebrates |
| Cyclopidae | Paracyclops sp. | Invertebrates |
| Cyclopidae | Platycyclops sp. | Invertebrates |
| Cyclopidae | Tropocyclops prasinus | Invertebrates |
| Cyclopidae | Unidentified Cyclopidae | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Cypridae | Cypricercus sp. | Invertebrates |
| Cypridae | Cyprilla sp. | Invertebrates |
| Cypridae | Cypris sp. | Invertebrates |
| Cypridae | Herpetocypris chevreuxi | Invertebrates |
| Cypridae | Herpetocypris sp. | Invertebrates |
| Cypridae | Isocypris sp. | Invertebrates |
| Cypridae | Pionocypris sp. | Invertebrates |
| Cypridae | Unidentified Cypridae | Invertebrates |
| Cyprididae | Cypridopsis glabrata | Invertebrates |
| Cyprididae | Cypridopsis sp. | Invertebrates |
| Cyprididae | Heterocypris sp. | Invertebrates |
| Cyprididae | Stenocypris sp. | Invertebrates |
| Cyprinidae | Unidentified Cyprinidae | Invertebrates |
| Daphniidae | Ceriodaphnia sp. | Invertebrates |
| Daphniidae | Daphnia longispina | Invertebrates |
| Daphniidae | Daphnia sp. | Invertebrates |
| Daphniidae | Megafenestra sp. | Invertebrates |
| Daphniidae | Simocephalus capensis | Invertebrates |
| Daphniidae | Simocephalus vetulus | Invertebrates |
| Delphacidae | Liburnia manicata | Invertebrates |
| Diaptomidae | Diaptomus sp. | Invertebrates |
| Diaptomidae | Unidentified Diaptomidae | Invertebrates |
| Dipseudopsidae | Dipseudopsis capensis | Invertebrates |
| Dipseudopsidae | Dipseudopsis simplex | Invertebrates |
| Dipseudopsidae | Dipseudopsis sp. | Invertebrates |
| Dixidae | Dixa sp. | Invertebrates |
| Dixidae | Unidentified Dixidae | Invertebrates |
| Dolichopodidae | Unidentified Dolichopodidae | Invertebrates |
| Dorylaimidae | Dorylaimus afghanicus | Invertebrates |
| Dorylaimidae | Dorylaimus pachys | Invertebrates |
| Dorylaimidae | Ischiodorylaimus gulliver | Invertebrates |
| Dorylaimidae | Laimydorus gazella | Invertebrates |
| Dryopidae | Strina aequalis | Invertebrates |
| Dryopidae | Unidentified Dryopidae | Invertebrates |
| Dytiscidae | Agabus sp. | Invertebrates |
| Dytiscidae | Bidessus ovoideus | Invertebrates |
| Dytiscidae | Bidessus sharpi | Invertebrates |
| Dytiscidae | Bidessus sp. | Invertebrates |
| Dytiscidae | Clypeodytes coarcticollis | Invertebrates |
| Dytiscidae | Clypeodytes evanescens | Invertebrates |
| Dytiscidae | Copelatus capensis | Invertebrates |
| Dytiscidae | Copelatus striatellus | Invertebrates |
| Dytiscidae | Copelatus sylvaticus | Invertebrates |
| Dytiscidae | Cybister sp. | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Dytiscidae | Derovatellus sp. | Invertebrates |
| Dytiscidae | Guignotus infirmus | Invertebrates |
| Dytiscidae | Guignotus lineolatus | Invertebrates |
| Dytiscidae | Guignotus sp. | Invertebrates |
| Dytiscidae | Hydaticus galla | Invertebrates |
| Dytiscidae | Hydaticus petiti | Invertebrates |
| Dytiscidae | Hydaticus servillianus | Invertebrates |
| Dytiscidae | Hydaticus sp. | Invertebrates |
| Dytiscidae | Hydrocanthus ferruginicollis | Invertebrates |
| Dytiscidae | Hydrocanthus sp. | Invertebrates |
| Dytiscidae | Hydrocoptus aethiopicus | Invertebrates |
| Dytiscidae | Hydrocoptus sp. | Invertebrates |
| Dytiscidae | Hydrovatus amplicornis | Invertebrates |
| Dytiscidae | Hydrovatus gravicornis | Invertebrates |
| Dytiscidae | Hydrovatus sp. | Invertebrates |
| Dytiscidae | Hyphydrus cycloides | Invertebrates |
| Dytiscidae | Hyphydrus grandis | Invertebrates |
| Dytiscidae | Laccophilus ampliatus | Invertebrates |
| Dytiscidae | Laccophilus congener | Invertebrates |
| Dytiscidae | Laccophilus cyclopis | Invertebrates |
| Dytiscidae | Laccophilus lineatus | Invertebrates |
| Dytiscidae | Laccophilus pellucidus | Invertebrates |
| Dytiscidae | Laccophilus praeteritus | Invertebrates |
| Dytiscidae | Laccophilus remex | Invertebrates |
| Dytiscidae | Laccophilus sp. | Invertebrates |
| Dytiscidae | Methles sp. | Invertebrates |
| Dytiscidae | Peschetius sp. | Invertebrates |
| Dytiscidae | Philaccolus lineatoguttatus | Invertebrates |
| Dytiscidae | Potamonectes vagrans | Invertebrates |
| Dytiscidae | Rantus capensis | Invertebrates |
| Dytiscidae | Unidentified Dytiscidae | Invertebrates |
| Dytiscidae | Uvarus peringueyi | Invertebrates |
| Dytiscidae | Yola grandicollis | Invertebrates |
| Dytiscidae | Yola sp. | Invertebrates |
| Dytiscidae | Yola subopaca | Invertebrates |
| Dytiscidae | Yola swierstrai | Invertebrates |
| Dytiscidae | Yola tuberculata | Invertebrates |
| Ecnomidae | Ecnomus kimminsi | Invertebrates |
| Ecnomidae | Ecnomus oppidanus | Invertebrates |
| Ecnomidae | Ecnomus sp. | Invertebrates |
| Ecnomidae | Ecnomus thomasseti | Invertebrates |
| Ecnomidae | Ecnomus ugandanus | Invertebrates |
| Elmidae | Haplelmis sp. | Invertebrates |
| Elmidae | Helminthocharis cristula | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Elmidae | Helminthopsis allansoni | Invertebrates |
| Elmidae | Helminthopsis bifida | Invertebrates |
| Elmidae | Helminthopsis ciliata | Invertebrates |
| Elmidae | Helminthopsis cristula | Invertebrates |
| Elmidae | Helminthopsis elongata | Invertebrates |
| Elmidae | Helminthopsis lucida | Invertebrates |
| Elmidae | Helminthopsis sp. | Invertebrates |
| Elmidae | Leptelmis fragilis | Invertebrates |
| Elmidae | Leptelmis orchymonti | Invertebrates |
| Elmidae | Leptelmis sp. | Invertebrates |
| Elmidae | Lobelmis harrisoni | Invertebrates |
| Elmidae | Microdinodes sp. | Invertebrates |
| Elmidae | Microdinodes transvaalicus | Invertebrates |
| Elmidae | Microdinodes vaalensis | Invertebrates |
| Elmidae | Pachyelmis convexa | Invertebrates |
| Elmidae | Pachyelmis rufomarginata | Invertebrates |
| Elmidae | Potamocares sp. | Invertebrates |
| Elmidae | Potamogethes sp. | Invertebrates |
| Elmidae | Protelmis chutteri | Invertebrates |
| Elmidae | Pseudancyronyx humeralis | Invertebrates |
| Elmidae | Pseudancyronyx sp. | Invertebrates |
| Elmidae | Stenelmis noblei | Invertebrates |
| Elmidae | Stenelmis sp. | Invertebrates |
| Elmidae | Stenelmis thusa | Invertebrates |
| Elmidae | Unidentified Elmidae | Invertebrates |
| Empididae | Unidentified Empididae | Invertebrates |
| Entomobryidae | Unidentified Entomobryidae | Invertebrates |
| Ephydridae | Unidentified Ephydridae | Invertebrates |
| Eylaidae | Eylais crenocula | Invertebrates |
| Eylaidae | Eylais degenerata | Invertebrates |
| Fredericellidae | Fredericella sp. | Invertebrates |
| Gerridae | Unidentified Gerridae | Invertebrates |
| Glossiphoniidae | Batracobdella tricarinata | Invertebrates |
| Glossiphoniidae | Glossiphonia sp. | Invertebrates |
| Glossiphoniidae | Helobdella conifera | Invertebrates |
| Gomphidae | Ceratogomphus pictus | Invertebrates |
| Gomphidae | Ceratogomphus sp. | Invertebrates |
| Gomphidae | Paragomphus cognatus | Invertebrates |
| Gomphidae | Paragomphus hageni | Invertebrates |
| Gomphidae | Paragomphus sp. | Invertebrates |
| Gomphidae | Unidentified Gomphidae | Invertebrates |
| Gyrinidae | Aulonogyrus abdominalis | Invertebrates |
| Gyrinidae | Aulonogyrus alternatus | Invertebrates |
| Gyrinidae | Aulonogyrus caffer | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Gyrinidae | Aulonogyrus marginatus | Invertebrates |
| Gyrinidae | Aulonogyrus sp. | Invertebrates |
| Gyrinidae | Dineutus punctatus | Invertebrates |
| Gyrinidae | Dineutus sp. | Invertebrates |
| Gyrinidae | Gyrinus natalensis | Invertebrates |
| Gyrinidae | Orectogyrus polli | Invertebrates |
| Gyrinidae | Orectogyrus sp. | Invertebrates |
| Gyrinidae | Unidentified Gyrinidae | Invertebrates |
| Halictidae | Halictus griseoviltata | Invertebrates |
| Halictidae | Halictus michaelseni | Invertebrates |
| Haliplidae | Peltodytes sp. | Invertebrates |
| Haliplidae | Unidentified Haliplidae | Invertebrates |
| Harpacticidae | Harpacticus sp. | Invertebrates |
| Harpacticidae | Unidentified Harpacticidae | Invertebrates |
| Hebridae | Unidentified Hebridae | Invertebrates |
| Heptageniidae | Afronurus barnardi | Invertebrates |
| Heptageniidae | Afronurus harrisoni | Invertebrates |
| Heptageniidae | Afronurus scotti | Invertebrates |
| Heptageniidae | Afronurus sp. | Invertebrates |
| Heptageniidae | Compsoneuria sp. | Invertebrates |
| Heptageniidae | Notonurus sp. | Invertebrates |
| Histeridae | Pachylister caffer | Invertebrates |
| Histeridae | Saprinus fulgidicollis | Invertebrates |
| Hydrachnidae | Hydrachna dartevellei | Invertebrates |
| Hydrachnidae | Hydrachna mirifica | Invertebrates |
| Hydrachnidae | Unidentified Hydrachnidae | Invertebrates |
| Hydraenidae | Hydraena accurata | Invertebrates |
| Hydraenidae | Hydraena sp. | Invertebrates |
| Hydraenidae | Ochthebius andronius | Invertebrates |
| Hydraenidae | Ochthebius sp. | Invertebrates |
| Hydraenidae | Ochthebius tenuipunctus | Invertebrates |
| Hydraenidae | Parasthetops aeneus | Invertebrates |
| Hydraenidae | Parasthetops angustatus | Invertebrates |
| Hydraenidae | Parasthetops camurus | Invertebrates |
| Hydraenidae | Parasthetops pearcei | Invertebrates |
| Hydraenidae | Parasthetops rubidus | Invertebrates |
| Hydraenidae | Parasthetops sp. | Invertebrates |
| Hydraenidae | Parasthetops spinipes | Invertebrates |
| Hydraenidae | Parhydraena seriata | Invertebrates |
| Hydraenidae | Unidentified Hydraenidae | Invertebrates |
| Hydridae | Unidentified Hydridae | Invertebrates |
| Hydrodromidae | Hydrodroma capensis | Invertebrates |
| Hydrometridae | Hydrometra albolineolata | Invertebrates |
| Hydrometridae | Hydrometra sp. | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Hydrophilidae | Anacaena sp. | Invertebrates |
| Hydrophilidae | Berosus sp. | Invertebrates |
| Hydrophilidae | Derallus sp. | Invertebrates |
| Hydrophilidae | Enochrus sp. | Invertebrates |
| Hydrophilidae | Helochares sp. | Invertebrates |
| Hydrophilidae | Helophorus sp. | Invertebrates |
| Hydrophilidae | Hydrobius sp. | Invertebrates |
| Hydrophilidae | Hydrochus lucidus | Invertebrates |
| Hydrophilidae | Hydrochus niloticus | Invertebrates |
| Hydrophilidae | Hydrochus sp. | Invertebrates |
| Hydrophilidae | Laccobius sp. | Invertebrates |
| Hydrophilidae | Paracymus sp. | Invertebrates |
| Hydrophilidae | Unidentified Hydrophilidae | Invertebrates |
| Hydropsychidae | Aethaloptera sp. | Invertebrates |
| Hydropsychidae | Amphipsyche scottae | Invertebrates |
| Hydropsychidae | Amphipsyche sp. | Invertebrates |
| Hydropsychidae | Cheumatopsyche afra | Invertebrates |
| Hydropsychidae | Cheumatopsyche sp. | Invertebrates |
| Hydropsychidae | Cheumatopsyche thomasseti | Invertebrates |
| Hydropsychidae | Hydropsyche longifurca | Invertebrates |
| Hydropsychidae | Hydropsyche sp. | Invertebrates |
| Hydropsychidae | Leptonema natalense | Invertebrates |
| Hydropsychidae | Macrostemum capense | Invertebrates |
| Hydropsychidae | Macrostemum sp. | Invertebrates |
| Hydropsychidae | Polymorphanisus bipunctatus | Invertebrates |
| Hydropsychidae | Unidentified Hydropsychidae | Invertebrates |
| Hydroptilidae | Catoxyethira sp. | Invertebrates |
| Hydroptilidae | Hydroptila cruciata | Invertebrates |
| Hydroptilidae | Hydroptila sp. | Invertebrates |
| Hydroptilidae | Orthotrichia sp. | Invertebrates |
| Hydroptilidae | Oxyethira sp. | Invertebrates |
| Hydroptilidae | Unidentified Hydroptilidae | Invertebrates |
| Hydrosalpingidae | Unidentified Hydrosalpingidae | Invertebrates |
| Hydroscaphidae | Unidentified Hydroscaphidae | Invertebrates |
| Hydryphantidae | Diplodontus schaubi | Invertebrates |
| Hygrobatidae | Atractides damkohleri | Invertebrates |
| Hygrobatidae | Atractides linearis | Invertebrates |
| Hygrobatidae | Atractides scutelliferus | Invertebrates |
| Hygrobatidae | Hydrobates sudafricanus | Invertebrates |
| Hygrobatidae | Hygrobates chutteri | Invertebrates |
| Hygrobatidae | Hygrobates elgonensis | Invertebrates |
| Hygrobatidae | Hygrobates sanguineus | Invertebrates |
| Hygrobatidae | Hygrobates segregatus | Invertebrates |
| Hygrobatidae | Hygrobates soari | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Hygrobatidae | Hygrobates spathuliferus | Invertebrates |
| Hygrobatidae | Hygrobates sudafricanus | Invertebrates |
| Hygrobatidae | Hygrobatopsis levipalpis | Invertebrates |
| Idiopidae | Idiops kentanicus | Invertebrates |
| Ilyocyprididae | Ilyocypris ausraliensis | Invertebrates |
| Ilyocyprididae | Ilyocypris sp. | Invertebrates |
| Ironidae | Ironus tenuicaudatus | Invertebrates |
| Ithomiidae | Ithomia colytto | Invertebrates |
| Ithomiidae | Ithomia flora | Invertebrates |
| Ixodidae | Unidentified Ixodidae | Invertebrates |
| Lampyridae | Unidentified Lampyridae | Invertebrates |
| Leptoceridae | Adicella sp. | Invertebrates |
| Leptoceridae | Athripsodes fissus | Invertebrates |
| Leptoceridae | Athripsodes harrisoni | Invertebrates |
| Leptoceridae | Athripsodes lomia | Invertebrates |
| Leptoceridae | Athripsodes schoenobates | Invertebrates |
| Leptoceridae | Athripsodes sp. | Invertebrates |
| Leptoceridae | Ceraclea sp. | Invertebrates |
| Leptoceridae | Homilia knysnaensis | Invertebrates |
| Leptoceridae | Leptecho sp. | Invertebrates |
| Leptoceridae | Leptocerina sp. | Invertebrates |
| Leptoceridae | Leptocerina spinigera | Invertebrates |
| Leptoceridae | Oecetis portalensis | Invertebrates |
| Leptoceridae | Oecetis sp. | Invertebrates |
| Leptoceridae | Parasetodes maguirus | Invertebrates |
| Leptoceridae | Parasetodes sp. | Invertebrates |
| Leptoceridae | Setodes sp. | Invertebrates |
| Leptoceridae | Triaenodes elegantulus | Invertebrates |
| Leptoceridae | Triaenodes sp. | Invertebrates |
| Leptoceridae | Trichosetodes sp. | Invertebrates |
| Leptoceridae | Trichosetodes triangularis | Invertebrates |
| Leptoceridae | Unidentified Leptoceridae | Invertebrates |
| Leptophlebiidae | Adenophlebia auriculata | Invertebrates |
| Leptophlebiidae | Adenophlebia sp. | Invertebrates |
| Leptophlebiidae | Choroterpes sp. | Invertebrates |
| Leptophlebiidae | Euthraulus elegans | Invertebrates |
| Leptophlebiidae | Euthraulus sp. | Invertebrates |
| Lestidae | Lestes sp. | Invertebrates |
| Libellulidae | Crocothemis sp. | Invertebrates |
| Libellulidae | Orthetrum sp. | Invertebrates |
| Libellulidae | Pantala flavescens | Invertebrates |
| Libellulidae | Sympetrum fonscolombii | Invertebrates |
| Libellulidae | Trithemis dorsalis | Invertebrates |
| Libellulidae | Trithemis risi | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Libellulidae | Trithemis sp. | Invertebrates |
| Libellulidae | Unidentified Libellulidae | Invertebrates |
| Libellulidae | Zygonyx sp. | Invertebrates |
| Limnesiidae | Limnesia lucifera | Invertebrates |
| Limnocytheridae | Gomphocythere sp. | Invertebrates |
| Limnocytheridae | Limnocythere sp. | Invertebrates |
| Lithidiidae | Lithidium desertorum | Invertebrates |
| Lumbricidae | Eiseniella sp. | Invertebrates |
| Lycaenidae | Lycaena candens | Invertebrates |
| Lygaeidae | Paromius attenuatus | Invertebrates |
| Lymnaeidae | Lymnaea columella | Invertebrates |
| Lymnaeidae | Lymnaea natalensis | Invertebrates |
| Lymnaeidae | Lymnaea sp. | Invertebrates |
| Macrothricidae | Ilyocryptus sordidus | Invertebrates |
| Macrothricidae | Ilyocryptus sp. | Invertebrates |
| Macrothricidae | Macrothrix hirsuticornis | Invertebrates |
| Macrothricidae | Macrothrix sp. | Invertebrates |
| Macrothricidae | Unidentified Macrothricidae | Invertebrates |
| Megachilidae | Anthidium severini | Invertebrates |
| Megachilidae | Euaspis erythros | Invertebrates |
| Megachilidae | Megachile curtula | Invertebrates |
| Megachilidae | Megachile discolor | Invertebrates |
| Megachilidae | Megachile flavida | Invertebrates |
| Mermithidae | Unidentified Mermithidae | Invertebrates |
| Micronectidae | Micronecta citharistia | Invertebrates |
| Micronectidae | Micronecta dimidiata | Invertebrates |
| Micronectidae | Micronecta druryana | Invertebrates |
| Micronectidae | Micronecta gorogaiqua | Invertebrates |
| Micronectidae | Micronecta piccanina | Invertebrates |
| Micronectidae | Micronecta scutellaris | Invertebrates |
| Micronectidae | Micronecta sp. | Invertebrates |
| Mononchidae | Mononchus truncatus | Invertebrates |
| Mononchidae | Mylonchulus polonicus | Invertebrates |
| Mormotomyiidae | Mormotomyia hirsuta | Invertebrates |
| Muscidae | Limnophora sp. | Invertebrates |
| Muscidae | Unidentified Muscidae | Invertebrates |
| Mutillidae | Odontomutilla ovata | Invertebrates |
| Naididae | Aulophorus furcata | Invertebrates |
| Naididae | Chaetogaster diaphanus | Invertebrates |
| Naididae | Chaetogaster sp. | Invertebrates |
| Naididae | Dero digitata | Invertebrates |
| Naididae | Dero oblongata | Invertebrates |
| Naididae | Dero sp. | Invertebrates |
| Naididae | Haemonais sp. | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Naididae | Homochaeta africana | Invertebrates |
| Naididae | Nais africana | Invertebrates |
| Naididae | Nais communis | Invertebrates |
| Naididae | Nais sp. | Invertebrates |
| Naididae | Nais variabilis | Invertebrates |
| Naididae | Pristina jenkinae | Invertebrates |
| Naididae | Pristina osborni | Invertebrates |
| Naididae | Pristina synclites | Invertebrates |
| Naucoridae | Laccocoris chinai | Invertebrates |
| Naucoridae | Laccocoris limigenus | Invertebrates |
| Naucoridae | Laccocoris sp. | Invertebrates |
| Naucoridae | Naucoris obscuratus | Invertebrates |
| Nemopteridae | Nemopistha contumax | Invertebrates |
| Nepidae | Ranatra parvipes | Invertebrates |
| Nepidae | Ranatra sp. | Invertebrates |
| Notonectidae | Anisops graciloides | Invertebrates |
| Notonectidae | Anisops sp. | Invertebrates |
| Notonectidae | Enithares sp. | Invertebrates |
| Notonectidae | Notonecta sp. | Invertebrates |
| Notonectidae | Unidentified Notonectidae | Invertebrates |
| Nymphalidae | Marpesia coresia | Invertebrates |
| Nymphalidae | Phalanta columbina | Invertebrates |
| Ocnerodrilidae | Eukerria saltensis | Invertebrates |
| Oligoneuriidae | Elassoneuria sp. | Invertebrates |
| Oligoneuriidae | Oligoneuriopsis sp. | Invertebrates |
| Oribatidae | Unidentified Oribatidae | Invertebrates |
| Palaemonidae | Macrobrachium lepidactylus | Invertebrates |
| Palaemonidae | Macrobrachium petersii | Invertebrates |
| Palaemonidae | Macrobrachium scabriculum | Invertebrates |
| Perlidae | Neoperla sp. | Invertebrates |
| Petrothrincidae | Parasetodes | Invertebrates |
| Philopotamidae | Chimarra sp. | Invertebrates |
| Pisuliidae | Dyschimus sp. | Invertebrates |
| Pisuliidae | Pisulia sp. | Invertebrates |
| Planariidae | Unidentified Planariidae | Invertebrates |
| Planorbidae | Anisus natalensis | Invertebrates |
| Planorbidae | Biomphalaria pfeifferi | Invertebrates |
| Planorbidae | Bulinus africanus | Invertebrates |
| Planorbidae | Bulinus forskali | Invertebrates |
| Planorbidae | Bulinus tropicus | Invertebrates |
| Planorbidae | Gyraulus costulatus | Invertebrates |
| Planorbidae | Gyraulus lamyi | Invertebrates |
| Planorbidae | Gyraulus sp. | Invertebrates |
| Planorbidae | Planorbis andersoni | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Planorbidae | Segmentorbis sp. | Invertebrates |
| Plataspidae | Libyaspis wahlbergi | Invertebrates |
| Platycnemididae | Unidentified Platycnemididae | Invertebrates |
| Pleidae | Plea pullula | Invertebrates |
| Pleidae | Plea sp. | Invertebrates |
| Pleidae | Unidentified Pleidae | Invertebrates |
| Polycentropodidae | Nyctiophylax sp. | Invertebrates |
| Polymitarcyidae | Ephoron savignyi | Invertebrates |
| Polymitarcyidae | Ephoron sp. | Invertebrates |
| Polymitarcyidae | Unidentified Polymitarcyidae | Invertebrates |
| Pompilidae | Pseudagenia esau | Invertebrates |
| Potamididae | Unidentified Potamididae | Invertebrates |
| Potamonautidae | Potamonautes sidneyi | Invertebrates |
| Potamonautidae | Potamonautes sp. | Invertebrates |
| Prosopistomatidae | Binoculus sp. | Invertebrates |
| Prosopistomatidae | Prosopistoma guernei | Invertebrates |
| Prosopistomatidae | Prosopistoma sp. | Invertebrates |
| Psephenidae | Eubrianax sp. | Invertebrates |
| Psephenidae | Psephenus sp. | Invertebrates |
| Psephenidae | Unidentified Psephenidae | Invertebrates |
| Psychodidae | Psychoda sp. | Invertebrates |
| Psychodidae | Unidentified Psychodidae | Invertebrates |
| Psychomyiidae | Paduniella ankya | Invertebrates |
| Ptilodactylidae | Unidentified Ptilodactylidae | Invertebrates |
| Pyralidae | Argyractis periopis | Invertebrates |
| Pyralidae | Argyractis sp. | Invertebrates |
| Pyralidae | Cataclysta sp. | Invertebrates |
| Pyralidae | Nymphula circealis | Invertebrates |
| Pyralidae | Unidentified Pyralidae | Invertebrates |
| Ranidae | Pyxicephalus sp. | Invertebrates |
| Ranidae | Rana angolense | Invertebrates |
| Rhagionidae | Unidentified Rhagionidae | Invertebrates |
| Scarabaeidae | Onitis cupreus | Invertebrates |
| Scarabaeidae | Onthophagus hinnulus | Invertebrates |
| Scarabaeidae | Peritrichia albovillosa | Invertebrates |
| Scarabaeidae | Phalps boschas | Invertebrates |
| Scarabaeidae | Sisiphyni ocellatus | Invertebrates |
| Scarabaeidae | Taurhina (Rhamphorrhina) splendens | Invertebrates |
| Scirtidae | Unidentified Scirtidae | Invertebrates |
| Scytodidae | Scytodes flagellata | Invertebrates |
| Simuliidae | Simulium adersi | Invertebrates |
| Simuliidae | Simulium alcocki | Invertebrates |
| Simuliidae | Simulium bequaerti | Invertebrates |
| Simuliidae | Simulium bovis | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Simuliidae | Simulium cervicornutum | Invertebrates |
| Simuliidae | Simulium damnosum | Invertebrates |
| Simuliidae | Simulium impukane | Invertebrates |
| Simuliidae | Simulium mcmahoni | Invertebrates |
| Simuliidae | Simulium medusaeforme | Invertebrates |
| Simuliidae | Simulium nigritarse | Invertebrates |
| Simuliidae | Simulium ruficorne | Invertebrates |
| Simuliidae | Simulium sp. | Invertebrates |
| Simuliidae | Simulium unicornutum | Invertebrates |
| Simuliidae | Simulium vorax | Invertebrates |
| Simuliidae | Simulium wellmanii | Invertebrates |
| Sisyridae | Sisyra sp. | Invertebrates |
| Solpugidae | Solpuga sericea | Invertebrates |
| Sperchontidae | Sperchon gracilis | Invertebrates |
| Sphaeriidae | Pisidium costulosum | Invertebrates |
| Sphaeriidae | Pisidium harrisoni | Invertebrates |
| Sphaeriidae | Pisidium langleyanum | Invertebrates |
| Sphaeriidae | Pisidium sp. | Invertebrates |
| Sphaeriidae | Unidentified Sphaeriidae | Invertebrates |
| Sphaerotheriidae | Sphaerotherium commune | Invertebrates |
| Sphecidae | Gastrosericus divergens | Invertebrates |
| Sphecidae | Tachytes pulchricornis | Invertebrates |
| Staphylinidae | Trogophloeus nigrescens | Invertebrates |
| Staphylinidae | Unidentified Staphylinidae | Invertebrates |
| Stratiomyidae | Unidentified Stratiomyidae | Invertebrates |
| Synlestidae | Chlorolestes fasciatus | Invertebrates |
| Synlestidae | Chlorolestes sp. | Invertebrates |
| Syrphidae | Eristalis sp. | Invertebrates |
| Tabanidae | Haematopota ocellata | Invertebrates |
| Tabanidae | Unidentified Tabanidae | Invertebrates |
| Tenebrionidae | Eutrapela bicolor | Invertebrates |
| Tenebrionidae | Paramarygmus (Paramarygmus) femoralis | Invertebrates |
| Tenebrionidae | Parastizopus rikaae | Invertebrates |
| Tenebrionidae | Psammodes incongruens | Invertebrates |
| Tenebrionidae | Tenebrioninae/Tenebrionini | Invertebrates |
| Tenebrionidae | Warchaloskiellus longulus | Invertebrates |
| Tenebrionidae | Zophosis (Occidentophosis) damarina | Invertebrates |
| Tertastemmatidae | Prostoma graecense | Invertebrates |
| Tertastemmatidae | Prostoma sp. | Invertebrates |
| Thiaridae | Unidentified Thiaridae | Invertebrates |
| Tipulidae | Antocha sp. | Invertebrates |
| Tipulidae | Eriocera sp. | Invertebrates |
| Tipulidae | Hexatoma sp. | Invertebrates |
| Tipulidae | Limonia sp. | Invertebrates |

| Family | Scientific Name | Category |
|---|---|---|
| Tipulidae | Tipula (Acutipula) zambeziensis | Invertebrates |
| Tipulidae | Unidentified Tipulidae | Invertebrates |
| Torrenticolidae | Torrenticola eurystoma | Invertebrates |
| Torrenticolidae | Torrenticola harrisoni | Invertebrates |
| Tortrididae | Tortrix adustana | Invertebrates |
| Tricorythidae | Neurocaenis discolor | Invertebrates |
| Tricorythidae | Neurocaenis sp. | Invertebrates |
| Tricorythidae | Tricorythus discolor | Invertebrates |
| Tricorythidae | Tricorythus sp. | Invertebrates |
| Tricorythidae | Unidentified Tricorythidae | Invertebrates |
| Tubificidae | Aulodrilus pigueti | Invertebrates |
| Tubificidae | Branchiura sowerbyi | Invertebrates |
| Tubificidae | Limnodrilus claparedeanus | Invertebrates |
| Tubificidae | Limnodrilus hoffmeisteri | Invertebrates |
| Tubificidae | Limnodrilus sp. | Invertebrates |
| Tubificidae | Limnodrilus udekemianus | Invertebrates |
| Tubificidae | Tubifex sp. | Invertebrates |
| Unidentified Amphipoda | Unidentified Amphipoda | Invertebrates |
| Unidentified Araneae | Unidentified Araneae | Invertebrates |
| Unidentified Coleoptera | Unidentified Coleoptera | Invertebrates |
| Unidentified Decapoda | Unidentified Decapoda | Invertebrates |
| Unidentified Diptera | Unidentified Diptera | Invertebrates |
| Unidentified Ephemeroptera | Unidentified Ephemeroptera | Invertebrates |
| Unidentified Gordioidea | Unidentified Gordioidea | Invertebrates |
| Unidentified Hemiptera | Unidentified Hemiptera | Invertebrates |
| Unidentified Hoplonemertea | Unidentified Hoplonemertea | Invertebrates |
| Unidentified Hymenoptera | Unidentified Hymenoptera | Invertebrates |
| Unidentified Isopoda | Unidentified Isopoda | Invertebrates |
| Unidentified Lepidoptera | Unidentified Lepidoptera | Invertebrates |
| Unidentified Odonata | Unidentified Odonata | Invertebrates |
| Unidentified Ostracoda | Unidentified Ostracoda | Invertebrates |
| Unidentified Plumatellida | Unidentified Plumatellida | Invertebrates |
| Unidentified Trichoptera | Unidentified Trichoptera | Invertebrates |
| Unionidae | Unidentified Unionidae | Invertebrates |
| Unionidae | Unio caffer | Invertebrates |
| Veliidae | Microvelia major | Invertebrates |
| Veliidae | Microvelia sp. | Invertebrates |
| Veliidae | Microvelia venustissima | Invertebrates |
| Veliidae | Rhagovelia infernalis | Invertebrates |
| Veliidae | Unidentified Veliidae | Invertebrates |
| Agamidae | Acanthocercus atricollis | Reptiles |
| Agamidae | Agama armata | Reptiles |
| Agamidae | Agama atra | Reptiles |
| Atractaspididae | Amblyodipsas concolor | Reptiles |

| Family | Scientific Name | Category |
|---|---|---|
| Atractaspididae | Amblyodipsas polylepis | Reptiles |
| Atractaspididae | Aparallactus capensis | Reptiles |
| Atractaspididae | Atractaspis bibronii | Reptiles |
| Atractaspididae | Macrelaps microlepidotus | Reptiles |
| Chamaeleonidae | Bradypodion nemorale | Reptiles |
| Chamaeleonidae | Chamaeleo dilepis | Reptiles |
| Colubridae | Crotaphopeltis hotamboeia | Reptiles |
| Colubridae | Dasypeltis inornata | Reptiles |
| Colubridae | Dasypeltis scabra | Reptiles |
| Colubridae | Dispholidus typus | Reptiles |
| Colubridae | Duberria lutrix | Reptiles |
| Colubridae | Lamprophis capensis | Reptiles |
| Colubridae | Lamprophis inornatus | Reptiles |
| Colubridae | Lycodonomorphus laevissimus | Reptiles |
| Colubridae | Lycodonomorphus rufulus | Reptiles |
| Colubridae | Lycophidion capense | Reptiles |
| Colubridae | Mehelya capensis | Reptiles |
| Colubridae | Mehelya nyassae | Reptiles |
| Colubridae | Philothamnus hoplogaster | Reptiles |
| Colubridae | Philothamnus natalensis | Reptiles |
| Colubridae | Philothamnus semivariegatus | Reptiles |
| Colubridae | Prosymna bivittata | Reptiles |
| Colubridae | Prosymna stuhlmannii | Reptiles |
| Colubridae | Psammophis brevirostris | Reptiles |
| Colubridae | Psammophis crucifer | Reptiles |
| Colubridae | Psammophis mossambicus | Reptiles |
| Colubridae | Psammophylax rhombeatus | Reptiles |
| Colubridae | Pseudaspis cana | Reptiles |
| Colubridae | Telescopus semiannulatus | Reptiles |
| Colubridae | Thelotornis capensis | Reptiles |
| Cordylidae | Chamaesaura aenea | Reptiles |
| Cordylidae | Chamaesaura anguina | Reptiles |
| Cordylidae | Chamaesaura macrolepis | Reptiles |
| Cordylidae | Cordylus giganteus | Reptiles |
| Cordylidae | Cordylus vittifer | Reptiles |
| Cordylidae | Cordylus warreni | Reptiles |
| Cordylidae | Platysaurus intermedius | Reptiles |
| Cordylidae | Pseudocordylus melanotus | Reptiles |
| Cordylidae | Pseudocordylus microlepidotus | Reptiles |
| Elapidae | Dendroaspis angusticeps | Reptiles |
| Elapidae | Dendroaspis polylepis | Reptiles |
| Elapidae | Elapsoidea semiannulata | Reptiles |
| Elapidae | Elapsoidea sundevallii | Reptiles |
| Elapidae | Hemachatus haemachatus | Reptiles |

| Family | Scientific Name | Category |
|---|---|---|
| Elapidae | Naja annulifera | Reptiles |
| Elapidae | Naja melanoleuca | Reptiles |
| Elapidae | Naja mossambica | Reptiles |
| Gekkonidae | Hemidactylus mabouia | Reptiles |
| Gekkonidae | Homopholis wahlbergii | Reptiles |
| Gekkonidae | Lygodactylus capensis | Reptiles |
| Gekkonidae | Lygodactylus capensis subsp. capensis | Reptiles |
| Gekkonidae | Pachydactylus maculatus | Reptiles |
| Gekkonidae | Pachydactylus vansoni | Reptiles |
| Gerrhosauridae | Gerrhosaurus flavigularis | Reptiles |
| Gerrhosauridae | Gerrhosaurus validus | Reptiles |
| Gerrhosauridae | Tetradactylus africanus | Reptiles |
| Lacertidae | Nucras lalandii | Reptiles |
| Lacertidae | Nucras ornata | Reptiles |
| Lacertidae | Tropidosaura essexi | Reptiles |
| Leptotyphlopidae | Leptotyphlops conjunctus | Reptiles |
| Leptotyphlopidae | Leptotyphlops scutifrons | Reptiles |
| Leptotyphlopidae | Leptotyphlops sp. | Reptiles |
| Pelomedusidae | Pelomedusa subrufa | Reptiles |
| Pelomedusidae | Pelusios rhodesianus | Reptiles |
| Pelomedusidae | Pelusios sinuatus | Reptiles |
| Scincidae | Acontias breviceps | Reptiles |
| Scincidae | Acontias gracilicauda | Reptiles |
| Scincidae | Acontias muelleri | Reptiles |
| Scincidae | Acontias plumbeus | Reptiles |
| Scincidae | Mabuya quinquetaeniata | Reptiles |
| Scincidae | Mabuya sp. | Reptiles |
| Scincidae | Mabuya sulcata | Reptiles |
| Scincidae | Mabuya varia | Reptiles |
| Scincidae | Panaspis wahlbergii | Reptiles |
| Scincidae | Scelotes mirus | Reptiles |
| Scincidae | Scelotes mossambicus | Reptiles |
| Scincidae | Trachylepis capensis | Reptiles |
| Scincidae | Trachylepis punctatissima | Reptiles |
| Scincidae | Trachylepis quinquetaeniata | Reptiles |
| Scincidae | Trachylepis sp. | Reptiles |
| Scincidae | Trachylepis striata | Reptiles |
| Scincidae | Trachylepis varia | Reptiles |
| Testudinidae | Geochelone pardalis | Reptiles |
| Testudinidae | Kinixys belliana subsp. belliana | Reptiles |
| Testudinidae | Kinixys spekii | Reptiles |
| Testudinidae | Stigmochelys pardalis | Reptiles |
| Typhlopidae | Typhlops bibronii | Reptiles |
| Varanidae | Varanus albigularis | Reptiles |

| Family | Scientific Name | Category |
|---|---|---|
| Varanidae | Varanus niloticus | Reptiles |
| Viperidae | Bitis arietans | Reptiles |
| Viperidae | Bitis gabonica | Reptiles |
| Viperidae | Causus rhombeatus | Reptiles |

# Mammals

The following mammals may occur in the study area where the habitat is still in a natural enough state:

| Animal | Scientific name | Cons status | Habitat requirements |
|---|---|---|---|
| Greater musk shrew | (*Crocidura flavescens*) | Dd | Temp. grasslands . |
| Reddish-grey musk shrew | (*Crocidura cyanea*) | Dd | Wide tolerance . |
| Tiny musk shrew | (*Crocidura fuscomurina*) | Dd | Wide tolerance . |
| Lesser red musk shrew | (*Crocidura hirta*) | Dd | Savanna |
| Swamp musk shrew | (*Crocidura mariquensis*) | Dd | Wetlands |
| Lesser grey-brown musk shrew | (*Crocidura silacea*) | Dd | Woodland, grassland |
| Sclater's forest shrew | (*Mysosorex sclateri*) | En | Wetlands |
| Forest shrew | (*Mysosorex varius*) | Dd | Wetlands |
| Least dwarf shrew | (*Suncus infinitesimus*) | Dd | Temp. grasslands |
| Greater dwarf shrew | (*Suncus lixus*) | Dd | Temp. grasslands |
| Egyptian fruit bat | (*Rousettus aegyptiacus*) | Lc | Caves, savanna |
| Little free-tailed bat | (*Chaerephron pumila*) | Lc | Savanna |
| Egyptian free-tailed bat | (*Tadarida aegyptiaca*) | Lc | Savanna |
| Mauritian tomb bat | (*Taphozous mauritianus*) | Lc | Savanna |
| Yellow house bat | (*Scotophilus dinganii*) | Lc | Savanna |
| Wahlberg's epauletted fruit bat | (*Epomophorus wahlbergii*) | Lc | Savanna |
| Sundeval's leaf-nosed bat | (*Hipposideros caffer*) | Dd | Caves, sub terra |
| Damara woolly bat | (*Kerivoula argentata*) | En | Woody savanna |
| Lesser long-fingered bat | (*Miniopterus fraterculus*) | Nt | Forest, savanna |
| Schreiber's long-fingered bat | (*Miniopterus schreibersii*) | Nt | Caves, sub terra |
| Cape serotine bat | (*Eptesicus capensis*) | Lc | All |
| Banana bat | (*Neoromicia nanus*) | Lc | Savanna, plantations |
| Egyptian slit-faced bat | (*Nycteris thebaica*) | Lc | Caves, sub terra |
| Temmick's hairy bat | (*Myotis tricolor*) | Nt | Forest |
| Anchieta's pipistrelle | (*Pipistrellus anchietae*) | Nt | Savanna |
| African pipstrelle | (*Pipistrellus hesperidus*) | Lc | Savanna |
| Geoffroy's horseshoe bat | (*Rhinolophus clivosus*) | Nt | Caves, sub terra |
| Lander's horseshoe bat | (*Rhinolophus landeri*) | Nt | Caves, sub terra |
| Bushveld horseshoe bat | (*Rhinolophus simulator*) | Lc | Caves, sub terra |
| Swinny's horseshoe bat | (*Rhinolophus swinnyi*) | En | Caves, sub terra |
| Darling's horseshoe bat | (*Rhinolophus darlingi*) | Nt | Caves, sub terra |
| Angolan free-tailed bat | (*Mops condylurus*) | Lc | Savanna |
| Cape hare | (*Lepus capensis*) | Lc | Savanna |
| Scrub hare | (*Lepus saxatilis*) | Lc | Savanna |
| Natal red rock rabbit | (*Pronolagus crassicaudatus*) | Lc | Temp. grasslands |
| Common mole rat | (*Cryptomys hottentotus*) | Lc | Sub terra wide range |
| Marley's golden mole | (*Amblyosomus marleyi*) | En | Sub terra Lowveld |
| Porcupine | (*Hystrix africaeaustralis*) | Lc | Savanna |
| Woodland dormouse | (*Graphiurus murinus*) | Lc | Woodland |
| Greater cane rat | (*Thryonomys swinderianus*) | Lc | Savanna |
| Angoni vlei rat | (*Otomys angoniensis*) | Lc | Woody savanna |
| Vleirat | (*Otomys irroratus*) | Lc | Temp. grassland |
| Laminate vlei rat | (*Otomys laminatus*) | Lc | Wetlands |
| Red squirrel | (*Paraxerus palliates*) | Nt | Forest |
| Tonga red squirrel | (*Paraxerus palliates tongaensis*) | En | Forest |
| Striped mouse | (*Rhabdomys pumilo*) | Lc | Temp. grassland |
| Pouched mouse | (*Saccostomus campestris*) | Lc | Savanna |
| Kreb's fat mouse | (*Steatomys krebsii*) | Lc | Temp. grassland |
| Fat mouse | (*Steatomys pratensis*) | Lc | Temp. grassland |
| Water rat | (*Dasymys incomtus*) | Nt | Wetlands |

| | | | |
|---|---|---|---|
| Natal Multimammate mouse | (*Mastomys natalensis*) | Lc | Cosmopolitan |
| Mozambique Woodland mouse | (*Grammomys cometes*) | Dd | Sub-trop |
| Tete veld rat | (*Aethomys ineptus*) | Lc | Temp. grassland |
| Tree rat | (*Thallomys paedulcus*) | Lc | Woodland |
| Namaqua rock mouse | (*Aethomys namaquensis*) | Lc | Temp. grassland |
| Highveld gerbil | (*Tatera leocogaster*) | Lc | Temp. grassland |
| Brant's climbing mouse | (*Dendromus mesomelas*) | Lc | Temp. grassland |
| Chestnut climbing mouse | (*Dendromus mystacalis*) | Lc | Temp. grassland |
| Grey climbing mouse | (*Dendromus melanotis*) | Lc | Wetlands |
| Woodland mouse | (*Grammomys dolichurus*) | Dd | Subtrop woodland |
| Aardwolf | (*Proteles cristatus*) | Lc | Savanna |
| Black-backed jackal | (*Canis mesomelas*) | Lc | Savanna |
| Cape clawless otter | (*Aonyx capensis*) | Lc | Permanent rivers |
| Spotted-necked otter | (*Lutra macucollis*) | Nt | Wetlands |
| Samango monkey | (*Cercopithecus mitis*) | V | Forest |
| Vervet monkey | (*Cercopithecus aethiops pygerythrus*) | Lc | Savanna |
| Chacma baboon | (*Papio ursinus*) | Lc | Savanna |
| Honey badger | (*Mellivora capensis*) | Nt | Savanna |
| Striped polecat | (*Ictonyx striatus*) | Lc | Savanna |
| African weasel | (*Poecilogale albinucha*) | Dd | Grassland |
| Leopard | (*Panthera pardus*) | Lc | Savanna |
| Serval | (*Lepitailurus serval*) | Nt | Savanna |
| African wild cat | (*Felis silvestris*) | Lc | Savanna |
| Single striped mouse | (*Lemniscomys rosalia*) | Dd | Savanna |
| Pygmy mouse | (*Mus minutoides*) | Lc | Savanna |
| Large-spotted genet | (*Genetta tigrina*) | Lc | Savanna |
| White-tailed mongoose | (*Ichneuria albicauda*) | Lc | Savanna |
| Large grey mongoose | (*Herpestes ichneumon*) | Lc | Permanent rivers |
| Water mongoose | (*Atilax paludinosus*) | Lc | Wetlands |
| Slender mongoose | (*Galerella sanguinea*) | Lc | Savanna |
| Banded mongoose | (*Mungos mungo*) | Lc | Savanna |
| Antbear | (*Orycteropus afer*) | V | Savanna Local |
| Burchell's zebra | (*Equus burchelli*) | Lc | Savanna, Temp grassland |
| Common duiker | (*Sylvicarpa grimmia*) | Lc | Savanna |
| Impala | (*Aepyceros melampus*) | Lc | Woodland savanna |
| Kudu | (*Tragelaphus strepticeros*) | Lc | Savanna woodlands |
| Nyala | (*Tragelaphus angasii*) | Lc | Savanna |
| Rock hyrax | (*Procavia capensis*) | Lc | Rocky |
| Warthog | (*Phacochoerus africanus*) | Lc | Savanna |
| Steenbok | (*Raphicerus campestris*) | Lc | Savanna |
| Bushbuck | (*Tragelaphus scriptus*) | Lc | Forest |
| Bushpig | (*Potamochoerus porcus koiropotamus*) | Lc | Forest |
| Reedbuck | (*Redunca arundinum*) | Lc | Savanna |
| Mountain reedbuck | (*Redunca fulvorufula*) | Lc | Temp. grassland |
| Thick-tailed bushbaby | (*Otolemur crassicaudatus*) | Lc | Forest |
| Hottentot's golden mole | (*Amblyosomus hottentotus*) | Dd | Sub terra savanna |
| White Rhino | (*Ceratotherium simum*) | Lc | Temperate grassland |
| Black Rhino | (*Diceros bicornis*) | Ce | Savanna |
| Giraffe | (*Giraffa chamelopardalis*) | Lc | Savanna woodlands |
| Eland | (*Tragelaphus oryx*) | Lc | Savanna |
| Cape Buffalo | (*Syncerus caffer*) | Lc | Savanna |
| African elephant | (*Loxodonta africana*) | Lc | Savanna |

**Ce – Critically endangered, En – Endangered, V – Vulnerable, Nt – Near threatened, Lc – Least Concern, Dd – Data deficient**

(Endangered Wildlife Trust)
21 animals listed above as occurring within the study area or for which there are museum records occurring in area have red data status.