

**SOVENTIX SOLAR POWER PLANT:  
PLANT RESCUE & PROTECTION PLAN**



**PRODUCED FOR ECOLOEGES  
BY**



**JULY 2017**

## ***BACKGROUND & OBJECTIVES***

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The purpose of the plant rescue and protection plan is to implement avoidance and mitigation measures to reduce the impact of the development of the Soiventix Solar Power Plant on listed and protected plant species and their habitats. This subplan is a requirement of the EIA process and is also required in order to ensure compliance with national and provincial legislation for vegetation clearing and any required destruction or translocation of provincially and nationally protected species within the footprint of the PV plant.

The Plan first provides some legislative background on the regulations relevant to listed and protected species, followed by a summary of the protected species and genera as listed by the Northern Cape Conservation Act (2009) and then an identification of species present at the Soiventix PV Plant site and actions that should be implemented to minimise impact on these species and comply with legislative requirements.

## ***LEGISLATIVE BACKGROUND & REQUIREMENTS***

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Plant species are protected at the national level as well as the provincial level and different permits may be required for different species depending on their protection level. At the national level, protected trees are listed by DAFF under the National List of Protected Trees, which is updated on a regular basis. Any clearing of nationally protected trees requires a permit from DAFF. At the provincial level, all species red-listed under the Red List of South African plants (<http://redlist.sanbi.org/>) as well as species listed under the Northern Cape Nature Conservation Act (No. 9 of 2009) are protected and require provincial permits. The Northern Cape Conservation Act lists a variety of species as protected but also several whole families and genera as protected. Of particular relevance to the current study are the following, which are extracted from the legislation and are not intended to provide a comprehensive list of all protected species, only those which are likely to be encountered in the area. The reader is referred to the schedules of the Act for a full list of species listed under the act.

Under the Northern Cape Nature Conservation Act (No. 9 of 2009), the following are highlighted as potentially being present at the site:

### **Schedule 1: Specially Protected Flora**

- Family GERANIACEAE - *Pelargonium* spp. all species

### **Schedule 2 Protected Flora**

- *Amaryllidaceae* – All species

- *Apiaceae* – All Species
- *Apocynaceae* – All Species
- *Asphodelaceae* – All species except Aloe ferox
- *Iridaceae* – All species
- *Mesembryanthemaceae* – All species
- *Capparaceae* - Boscia spp. Sheperd's trees, all species
- *Androcymbium* spp. - All species
- *Crassulaceae* - All species except those listed in Schedule 1
- *Euphorbiaceae* - Euphorbia spp. All species
- *Oxalidaceae* - Oxalis spp All species
- *Portulacaceae* - Anacampseros spp. All species

A full list of plant species known from the broad area around the Soiventix PV site including those recorded at the site are provided in Annex 1. This includes their protection status according to the Northern Cape Conservation Act and whether they are listed under the national list of protected trees. It is important to note that authorisation of the project by DEA does not free the developer from complying with the provincial legislation and permitting requirements with regards to protected species.

## ***MITIGATION & AVOIDANCE OPTIONS***

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The primary mitigation and avoidance measure that must be implemented at the preconstruction phase is the Preconstruction Walk-Through of the development footprint. This defines which and how many individuals of listed and protected species are found within the development footprint. This information is required for the DAFF and Northern Cape permits which must be obtained before construction can commence.

Where listed plant species fall within the development footprint and avoidance is not possible, then it may be possible to translocate the affected individuals outside of the development footprint. However, not all species are suitable for translocation as only certain types of plants are able to survive the disturbance. Suitable candidates for translocation include most geophytes and succulents. Although there are exceptions, the majority of woody species do not survive translocation well and it is generally not recommended to try and attempt to translocate such species. Recommendations in this regard would be made following the walk-through of the facility footprint before construction, where all listed and protected species within the development footprint will be identified and located.

## ***RESCUE AND PROTECTION PLAN***

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### **Preconstruction**

- Identification of all listed species which may occur within the site, based on the SANBI SIBIS database as well as the specialist EIA studies for the site and any other relevant literature.

Before construction commences at the site, the following actions should be taken:

- A walk-through of the final development footprint by a suitably qualified botanist/ecologist to locate and identify all listed and protected species which fall within the development footprint. This would need to happen during the peak flowering season at the site which depending on rainfall is likely to be during late summer to autumn (March-April).
- A walk-through report following the walk-through which identifies areas where minor deviations to roads and other infrastructure can be made to avoid sensitive areas and important populations of listed species. The report should also contain a full list of localities where listed species occur within the development footprint and the number of affected individuals in each instance, so that this information can be used to comply with the permit conditions required by the authorization as well as provincial requirements.
- Search and rescue operation of all listed species suitable for translocation within the development footprint that cannot be avoided. Affected individuals should be translocated to a similar habitat outside of the development footprint and marked for monitoring purposes. Those species suitable for search as rescue should be identified in the walk-through report. It is important to note that a permit is required to translocate or destroy any listed and protected species even if they do not leave the property.

### **Construction Phase**

- ECO to monitor vegetation clearing at the site. Any deviations from the plans that may be required should first be checked for listed species by the ECO and any listed species present which are able to survive translocation should be translocated to a safe site.
- Any listed species observed within the development footprint that were missed during the preconstruction plant sweeps should be translocated to a safe site.
- Many listed species are also sought after for traditional medicine or by collectors and so the ECO should ensure that all staff attend environmental induction training in which the legal and conservation aspects of harvesting plants from the wild are discussed.

- The ECO should monitor construction activities in sensitive habitats such as near rivers and wetlands carefully to ensure that impacts to these areas are minimized.

## **Operational Phase**

- Access to the site should be strictly controlled and all personnel entering or leaving the site should be required to sign in and out with the security officers.
- The collecting of plants or their parts should be strictly forbidden and signs stating so should be placed at the entrance gates to the site.

## ***MONITORING & REPORTING REQUIREMENTS***

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The following reporting and monitoring requirements are recommended as part of the plant rescue and protection plan:

- Preconstruction walk-through report detailing the location and distribution of all listed and protected species. This should include a walk-through of all infrastructure including all new access roads, PV array areas, underground cables, power line routes, buildings and substations. The report should include recommendations of route adjustments where necessary, as well as provide a full accounting of how many individuals of each listed species will be impacted by the development.
- Monitoring during construction by the ECO to ensure that listed species and sensitive habitats are avoided. All incidents should be recorded along with the remedial measures implemented.
- Post construction monitoring of plants translocated during search and rescue to evaluate the success of the intervention. Monitoring for a year post-transplant should be sufficient to gauge success.

## ANNEX 1.

List of species known from the vicinity of the Soiventix PV plant and their presence at the site and protection status according to the Northern Cape Conservation Act (2009)

| Family              | Species   | Threat status | Present | Protection |
|---------------------|---|---------------|---------|------------|
| MESEMBRYANTHEMACEAE | <i>Chasmatophyllum maninum</i> L.Bolus                                | DDD           | 1       | Schedule 2 |
| MESEMBRYANTHEMACEAE | <i>Chasmatophyllum rouxii</i> L.Bolus                                 | DDD           |         | Schedule 2 |
| POACEAE             | <i>Cynodon polevansii</i> Stent                                       | DDT           |         |            |
| MYRSINACEAE         | <i>Rapanea melanophloeos</i> (L.) Mez                                 | Declining     |         |            |
| ACANTHACEAE         | <i>Barleria rigida</i> Nees   | LC            | 1       |            |
|                     | <i>Blepharis integrifolia</i> (L.f.) E.Mey. ex Schinz                 |               |         |            |
| ACANTHACEAE         | <i>Schinz var. integrifolia</i>                                       | LC            | 1       |            |
| ACANTHACEAE         | <i>Monechma divaricatum</i> (Nees) C.B.Clarke                         | LC            |         |            |
| ACANTHACEAE         | <i>Monechma incanum</i> (Nees) C.B.Clarke                             | LC            | 1       |            |
| AIZOACEAE           | <i>Galenia africana</i> L.  | LC            | 1       |            |
| AIZOACEAE           | <i>Galenia pubescens</i> (Eckl. & Zeyh.) Druce                        | LC            |         |            |
| AIZOACEAE           | <i>Galenia sarcophylla</i> Fenzl                                      | LC            | 1       |            |
| AIZOACEAE           | <i>Galenia secunda</i> (L.f.) Sond.                                   | LC            | 1       |            |
| AIZOACEAE           | <i>Tetragonia arbuscula</i> Fenzl                                     | LC            | 1       |            |
| AIZOACEAE           | <i>Tetragonia fruticosa</i> L.  | LC            |         |            |
| AIZOACEAE           | <i>Tetragonia spicata</i> L.f.  | LC            | 1       |            |
| AMARANTHACEAE       | <i>Amaranthus dinteri</i> Schinz subsp. <i>dinteri</i>                | LC            |         |            |
| AMARANTHACEAE       | <i>Kyphocarpa angustifolia</i> (Moq.) Lopr.                           | LC            |         |            |
| AMARANTHACEAE       | <i>Pupalia lappacea</i> (L.) A.Juss. var. <i>lappacea</i>             | LC            |         |            |
| AMARYLLIDACEAE      | <i>Brunsvigia radulosa</i> Herb.                                      | LC            | 1       | Schedule 2 |
| AMARYLLIDACEAE      | <i>Haemanthus humilis</i> Jacq. subsp. <i>humilis</i>                 | LC            |         | Schedule 2 |
| ANACARDIACEAE       | <i>Searsia burchellii</i> (Sond. ex Engl.) Moffett                    | LC            | 1       |            |
| ANACARDIACEAE       | <i>Searsia erosa</i> (Thunb.) Moffett                                 | LC            | 1       |            |
| ANACARDIACEAE       | <i>Searsia lancea</i> (L.f.) F.A.Barkley                              | LC            |         |            |
| ANACARDIACEAE       | <i>Searsia pendulina</i> (Jacq.) Moffett                              | LC            |         |            |
| APIACEAE            | <i>Berula thunbergii</i> (DC.) H.Wolff                                | LC            |         | Schedule 2 |
|                     | <i>Ceropogia multiflora</i> Baker subsp. <i>multiflora</i>            |               |         |            |
| APOCYNACEAE         | <i>Gomphocarpus fruticosus</i> (L.) Aiton f. <i>subsp. fruticosus</i> | LC            | 1       | Schedule 2 |
|                     | <i>Gomphocarpus tomentosus</i> Burch. subsp. <i>tomentosus</i>        |               |         |            |
| APOCYNACEAE         | <i>Huernia humilis</i> (Masson) Haw.                                  | LC            |         | Schedule 2 |
| APOCYNACEAE         | <i>Marsdenia floribunda</i> (E.Mey.) N.E.Br.                          | LC            |         | Schedule 2 |
|                     | <i>Microloma armatum</i> (Thunb.) Schltr. var. <i>armatum</i>         |               |         |            |
| APOCYNACEAE         | <i>Pachypodium succulentum</i> (Jacq.) Sweet                          | LC            |         | Schedule 2 |
| APOCYNACEAE         | <i>Stapelia flavopurpurea</i> Marloth                                 | LC            |         | Schedule 2 |
| APOCYNACEAE         | <i>Stapelia grandiflora</i> Masson var.                               | LC            |         | Schedule 2 |

|               |   |    |            |
|---------------|---|----|------------|
|               | <i>grandiflora</i>                                    |    |            |
| APOCYNACEAE   | <i>Tridentea jucunda (N.E.Br.) L.C.Leach</i>          | LC | Schedule 2 |
| ASPARAGACEAE  | <i>Asparagus striatus (L.f.) Thunb.</i>               | LC |            |
| ASPARAGACEAE  | <i>Asparagus suaveolens Burch.</i>                    | LC | 1          |
|               | <i>Haworthia bolusii Baker var.</i>                   |    |            |
| ASPHODELACEAE | <i>blackbeardiana (Poelln.) M.B.Bayer</i>             | LC | Schedule 2 |
|               | <i>Haworthia venosa (Lam.) Haw. subsp.</i>            |    |            |
| ASPHODELACEAE | <i>tessellata (Haw.) M.B.Bayer</i>                    | LC | Schedule 2 |
| ASPHODELACEAE | <i>Kniphofia ensifolia Baker subsp. ensifolia</i>     | LC | Schedule 2 |
|               | <i>Trachyandra saltii (Baker) Oberm. var.</i>         |    |            |
| ASPHODELACEAE | <i>oatesii (Baker) Oberm.</i>                         | LC | Schedule 2 |
| ASPLENIACEAE  | <i>Asplenium cordatum (Thunb.) Sw.</i>                | LC |            |
| ASTERACEAE    | <i>Amphiglossa triflora DC.</i>                       | LC |            |
| ASTERACEAE    | <i>Arctotis leiocarpa Harv.</i>                       | LC |            |
|               | <i>Berkheya pinnatifida (Thunb.) Thell.</i>           |    |            |
| ASTERACEAE    | <i>subsp. pinnatifida</i>                             | LC |            |
| ASTERACEAE    | <i>Brachylaena glabra (L.f.) Druce</i>                | LC |            |
| ASTERACEAE    | <i>Chrysocoma ciliata L.</i>                          | LC | 1          |
| ASTERACEAE    | <i>Dicoma capensis Less.</i>                          | LC | 1          |
| ASTERACEAE    | <i>Dimorphotheca cuneata (Thunb.) Less.</i>           | LC |            |
| ASTERACEAE    | <i>Dimorphotheca zeyheri Sond.</i>                    | LC | 1          |
|               | <i>Eriocephalus ericoides (L.f.) Druce subsp.</i>     |    |            |
| ASTERACEAE    | <i>ericoides</i>                                      | LC | 1          |
| ASTERACEAE    | <i>Eriocephalus karoicus M.A.N.Müll.</i>              | LC | 1          |
| ASTERACEAE    | <i>Euryops asparagoides (Licht. ex Less.) DC.</i>     | LC |            |
| ASTERACEAE    | <i>Euryops empetrifolius DC.</i>                      | LC |            |
| ASTERACEAE    | <i>Euryops lateriflorus (L.f.) DC.</i>                | LC | 1          |
|               | <i>Felicia filifolia (Vent.) Burtt Davy subsp.</i>    |    |            |
| ASTERACEAE    | <i>filifolia</i>                                      | LC |            |
| ASTERACEAE    | <i>Felicia hirsuta DC.</i>                            | LC |            |
|               | <i>Felicia muricata (Thunb.) Nees subsp.</i>          |    |            |
| ASTERACEAE    | <i>cinerascens Grau</i>                               | LC |            |
|               | <i>Felicia muricata (Thunb.) Nees subsp.</i>          |    |            |
| ASTERACEAE    | <i>muricata</i>                                       | LC | 1          |
|               | <i>Gazania krebsiana Less. subsp. arctotoides</i>     |    |            |
| ASTERACEAE    | <i>(Less.) Roessler</i>                               | LC | 1          |
| ASTERACEAE    | <i>Gazania serrata DC.</i>                            | LC |            |
| ASTERACEAE    | <i>Geigeria filifolia Mattf.</i>                      | LC | 1          |
|               | <i>Geigeria ornativa O.Hoffm. subsp.</i>              |    |            |
| ASTERACEAE    | <i>ornativa</i>                                       | LC |            |
| ASTERACEAE    | <i>Gnaphalium filagopsis Hilliard &amp; B.L.Burtt</i> | LC |            |
| ASTERACEAE    | <i>Helichrysum argyrosphaerum DC.</i>                 | LC | 1          |
|               | <i>Helichrysum asperum (Thunb.) Hilliard &amp;</i>    |    |            |
| ASTERACEAE    | <i>B.L.Burtt var. asperum</i>                         | LC |            |
| ASTERACEAE    | <i>Helichrysum lineare DC.</i>                        | LC |            |
| ASTERACEAE    | <i>Helichrysum lucilioides Less.</i>                  | LC | 1          |

|              |   |    |   |
|--------------|---|----|---|
| ASTERACEAE   | <i>Helichrysum micropoides</i> DC.  | LC |   |
| ASTERACEAE   | <i>Helichrysum pentzioides</i> Less.  | LC |   |
| ASTERACEAE   | <i>Helichrysum zeyheri</i> Less.  | LC | 1 |
| ASTERACEAE   | <i>Hertia kraussii</i> (Sch.Bip.) Fourc.                                    | LC |   |
| ASTERACEAE   | <i>Hertia pallens</i> (DC.) Kuntze  | LC | 1 |
| ASTERACEAE   | <i>Ifloga glomerata</i> (Harv.) Schltr.                                     | LC |   |
| ASTERACEAE   | <i>Kleinia longiflora</i> DC.   | LC |   |
| ASTERACEAE   | <i>Lactuca inermis</i> Forssk.  | LC |   |
| ASTERACEAE   | <i>Lepidostephium denticulatum</i> Oliv.                                    | LC |   |
| ASTERACEAE   | <i>Leysera tenella</i> DC.  | LC |   |
| ASTERACEAE   | <i>Nidorella resedifolia</i> DC. subsp. <i>resedifolia</i>                  | LC | 1 |
| ASTERACEAE   | <i>Nolletia arenosa</i> O.Hoffm.  | LC |   |
| ASTERACEAE   | <i>Oncosiphon piluliferum</i> (L.f.) Källersjö                              | LC |   |
| ASTERACEAE   | <i>Osteospermum leptolobum</i> (Harv.) Norl.                                | LC | 1 |
| ASTERACEAE   | <i>Osteospermum spinescens</i> Thunb.                                       | LC | 1 |
| ASTERACEAE   | <i>Pegolettia retrofracta</i> (Thunb.) Kies                                 | LC | 1 |
| ASTERACEAE   | <i>Pentzia globosa</i> Less.  | LC | 1 |
| ASTERACEAE   | <i>Pentzia incana</i> (Thunb.) Kuntze                                       | LC | 1 |
| ASTERACEAE   | <i>Pentzia lanata</i> Hutch.  | LC | 1 |
| ASTERACEAE   | <i>Pentzia quinquefida</i> (Thunb.) Less.                                   | LC | 1 |
| ASTERACEAE   | <i>Phymaspermum aciculare</i> (E.Mey. ex Harv.) Benth. & Hook. ex B.D.Jacks | LC | 1 |
| ASTERACEAE   | <i>Printzia huttoni</i> Harv.   | LC |   |
| ASTERACEAE   | <i>Pteronia erythrochaeta</i> DC.   | LC |   |
| ASTERACEAE   | <i>Pulicaria scabra</i> (Thunb.) Druce                                      | LC |   |
| ASTERACEAE   | <i>Rosenia humilis</i> (Less.) K.Bremer                                     | LC | 1 |
| ASTERACEAE   | <i>Rosenia oppositifolia</i> (DC.) K.Bremer                                 | LC | 1 |
| ASTERACEAE   | <i>Schistostephium flabelliforme</i> Less.                                  | LC |   |
| ASTERACEAE   | <i>Senecio burchellii</i> DC.   | LC |   |
| ASTERACEAE   | <i>Senecio consanguineus</i> DC.  | LC | 1 |
| ASTERACEAE   | <i>Senecio isatideus</i> DC.  | LC |   |
| ASTERACEAE   | <i>Senecio niveus</i> (Thunb.) Willd.                                       | LC | 1 |
| ASTERACEAE   | <i>Senecio reptans</i> Turcz.   | LC |   |
| ASTERACEAE   | <i>Tarchonanthus camphoratus</i> L.   | LC | 1 |
| ASTERACEAE   | <i>Tarchonanthus minor</i> Less.  | LC |   |
| ASTERACEAE   | <i>Tripteris aghillana</i> DC. var. <i>aghillana</i>                        | LC | 1 |
| ASTERACEAE   | <i>Ursinia nana</i> DC. subsp. <i>nana</i>                                  | LC | 1 |
| BIGNONIACEAE | <i>Rhigozum obovatum</i> Burch.   | LC | 1 |
| BORAGINACEAE | <i>Ehretia alba</i> Retief & A.E.van Wyk                                    | LC | 1 |
| BORAGINACEAE | <i>Heliotropium ciliatum</i> Kaplan   | LC | 1 |
| BORAGINACEAE | <i>Lithospermum papillosum</i> Thunb.                                       | LC |   |
| BRASSICACEAE | <i>Erucastrum strigosum</i> (Thunb.) O.E.Schulz                             | LC |   |
| BRASSICACEAE | <i>Heliophila minima</i> (Stephens) Marais                                  | LC |   |
| BRASSICACEAE | <i>Lepidium schlechteri</i> Thell.  | LC |   |
| BRASSICACEAE | <i>Matthiola torulosa</i> (Thunb.) DC.                                      | LC |   |

|                 |   |    |            |
|-----------------|---|----|------------|
|                 | <i>Rorippa fluviatilis (E.Mey. ex Sond.) Thell.</i>   |    |            |
| BRASSICACEAE    | <i>var. fluviatilis</i>   | LC |            |
| BUDDLEJACEAE    | <i>Buddleja saligna Willd.</i>  | LC |            |
| BUDDLEJACEAE    | <i>Gomphostigma virgatum (L.f.) Baill.</i>  | LC |            |
| CAMPANULACEAE   | <i>Wahlenbergia androsacea A.DC.</i>  | LC |            |
| CAMPANULACEAE   | <i>Wahlenbergia nodosa (H.Buek) Lammers</i>   | LC |            |
| CAPPARACEAE     | <i>Boscia albitrunca (Burch.) Gilg &amp; Gilg-Ben.</i>                                      | LC | DAFF       |
|                 | <i>Cleome angustifolia Forssk. subsp. diandra (Burch.) Kers</i>                             | LC |            |
| CAPPARACEAE     | <i>Cleome gynandra L.</i>   | LC |            |
| CAPPARACEAE     | <i>Cleome monophylla L.</i>   | LC |            |
| CARYOPHYLLACEAE | <i>Dianthus micropetalus Ser.</i>   | LC | Schedule 2 |
| CARYOPHYLLACEAE | <i>Herniaria erckertii Herm. subsp. erckertii</i>   | LC |            |
| CARYOPHYLLACEAE | <i>Silene undulata Aiton</i>  | LC |            |
| CARYOPHYLLACEAE | <i>Spergularia bocconeи (Scheele) Graebn.</i>   | LC |            |
|                 | <i>Atriplex vestita (Thunb.) Aellen var. appendiculata Aellen</i>                           | LC | 1          |
| CHENOPODIACEAE  | <i>Bassia salsolooides (Fenzl) A.J.Scott</i>  | LC | 1          |
| CHENOPODIACEAE  | <i>Salsola aphylla L.f.</i>   | LC | 1          |
| CHENOPODIACEAE  | <i>Salsola calluna Fenzl ex C.H.Wright</i>  | LC | 1          |
| CHENOPODIACEAE  | <i>Salsola dealata Botsch.</i>  | LC |            |
| CHENOPODIACEAE  | <i>Salsola glabrescens Burtt Davy</i>   | LC | 1          |
| CHENOPODIACEAE  | <i>Salsola humifusa A.Brückn.</i>   | LC |            |
| COMMELINACEAE   | <i>Commelina africana L. var. africana</i>  | LC |            |
|                 | <i>Commelina africana L. var. barberae (C.B.Clarke) C.B.Clarke</i>                          | LC |            |
| COMMELINACEAE   | <i>Convolvulus sagittatus Thunb.</i>  | LC | 1          |
|                 | <i>Adromischus caryophyllaceus (Burm.f.) Lem.</i>   | LC | Schedule 2 |
| CRASSULACEAE    | <i>Adromischus trigynus (Burch.) Poelln.</i>  | LC | Schedule 2 |
|                 | <i>Crassula capitella Thunb. subsp. thyrsiflora (Thunb.) Toelken</i>                        | LC | 1          |
| CRASSULACEAE    | <i>Crassula dependens Bolus</i>   | LC | Schedule 2 |
| CRASSULACEAE    | <i>Kalanchoe paniculata Harv.</i>   | LC | Schedule 2 |
| CRASSULACEAE    | <i>Kalanchoe rotundifolia (Haw.) Haw.</i>   | LC | Schedule 2 |
| CRASSULACEAE    | <i>Tylecodon ventricosus (Burm.f.) Toelken</i>  | LC | Schedule 2 |
|                 | <i>Cucumis myriocarpus Naudin subsp. leptodermis (Schweick.) C.Jeffrey &amp; P.Halliday</i> | LC |            |
| CUCURBITACEAE   | <i>Cucumis myriocarpus Naudin subsp. myriocarpus</i>  | LC | 1          |
| CUCURBITACEAE   | <i>Cucumis zeyheri Sond.</i>  | LC |            |
| CYPERACEAE      | <i>Bulbostylis humilis (Kunth) C.B.Clarke</i>   | LC |            |
| CYPERACEAE      | <i>Cyperus bellus Kunth</i>   | LC |            |
| CYPERACEAE      | <i>Cyperus capensis (Steud.) Endl.</i>  | LC |            |
| CYPERACEAE      | <i>Cyperus congestus Vahl</i>   | LC |            |

|                 |  |    |            |
|-----------------|--|----|------------|
|                 | <i>Cyperus decurvatus</i> (C.B.Clarke) C.Archer & Goetgh.  | LC |            |
| CYPERACEAE      | <i>Cyperus marginatus</i> Thunb.   | LC | 1          |
| CYPERACEAE      | <i>Cyperus marlothii</i> Boeckeler   | LC |            |
| CYPERACEAE      | <i>Cyperus usitatus</i> Burch.   | LC | 1          |
| CYPERACEAE      | <i>Isolepis diabolica</i> (Steud.) Schrad.   | LC |            |
| CYPERACEAE      | <i>Isolepis setacea</i> (L.) R.Br.   | LC |            |
| CYPERACEAE      | <i>Schoenoplectus decipiens</i> (Nees) J.Raynal  | LC |            |
| DRACAENACEAE    | <i>Sansevieria aethiopica</i> Thunb.   | LC |            |
|                 | <i>Arachniodes webbiana</i> (A.Braun) Schelpe<br>subsp. <i>foliosa</i> (C.Chr.) Gibby, Rasbach,<br>Reichst., Widén & Viane | LC |            |
| DRYOPTERIDACEAE | <i>Diospyros austro-africana</i> De Winter var.<br><i>microphylla</i> (Burch.) De Winter                                   | LC | 1          |
| EBENACEAE       | <i>Euclea crispa</i> (Thunb.) Gürke subsp. <i>ovata</i><br>(Burch.) F.White  | LC | 1          |
| EBENACEAE       | <i>Bergia anagalloides</i> E.Mey. ex Fenzl   | LC |            |
| ELATINACEAE     | <i>Clutia impedita</i> Prain   | LC |            |
| EUPHORBIACEAE   | <i>Clutia thunbergii</i> Sond.   | LC |            |
| EUPHORBIACEAE   | <i>Euphorbia arida</i> N.E.Br.   | LC | Schedule 2 |
| EUPHORBIACEAE   | <i>Euphorbia clavarioides</i> Boiss. var. <i>truncata</i><br>(N.E.Br.) A.C.White, R.A.Dyer & B.Sloane                      | LC | Schedule 2 |
| EUPHORBIACEAE   | <i>Euphorbia mauritanica</i> L. var. <i>mauritanica</i>  | LC | Schedule 2 |
| EUPHORBIACEAE   | <i>Euphorbia stellispina</i> Haw. var. <i>stellispina</i>  | LC | 1          |
| FABACEAE        | <i>Acacia karroo</i> Hayne   | LC | 1          |
| FABACEAE        | <i>Acacia mellifera</i> (Vahl) Benth. subsp.<br><i>detinens</i> (Burch.) Brenan  | LC |            |
| FABACEAE        | <i>Amphithalea muraltioides</i> (Benth.)<br>A.L.Schutte  | LC |            |
| FABACEAE        | <i>Argyrolobium argenteum</i> Eckl. & Zeyh.  | LC |            |
| FABACEAE        | <i>Cullen tomentosum</i> (Thunb.) J.W.Grimes   | LC |            |
| FABACEAE        | <i>Dichilus gracilis</i> Eckl. & Zeyh.   | LC |            |
| FABACEAE        | <i>Indigastrum argyraeum</i> (Eckl. & Zeyh.)<br>Schrire  | LC | 1          |
| FABACEAE        | <i>Indigofera alternans</i> DC. var. <i>alternans</i>  | LC | 1          |
| FABACEAE        | <i>Indigofera hedyantha</i> Eckl. & Zeyh.  | LC |            |
| FABACEAE        | <i>Lessertia annularis</i> Burch.  | LC | 1          |
| FABACEAE        | <i>Lotononis laxa</i> Eckl. & Zeyh.  | LC | 1          |
| FABACEAE        | <i>Lotononis pungens</i> Eckl. & Zeyh.   | LC |            |
| FABACEAE        | <i>Melolobium calycinum</i> Benth.   | LC |            |
| FABACEAE        | <i>Melolobium candicans</i> (E.Mey.) Eckl. &<br>Zeyh.  | LC | 1          |
| FABACEAE        | <i>Melolobium canescens</i> Benth.   | LC |            |
| FABACEAE        | <i>Rhynchosia adenodes</i> Eckl. & Zeyh.   | LC |            |
| FABACEAE        | <i>Sutherlandia humilis</i> E.Phillips & R.A.Dyer  | LC | Schedule 1 |
| GENTIANACEAE    | <i>Sebaea pentandra</i> E.Mey. var. <i>pentandra</i>   | LC |            |

|                 |   |    |   |            |
|-----------------|---|----|---|------------|
| GERANIACEAE     | <i>Monsonia angustifolia</i> E.Mey. ex A.Rich.  | LC |   |            |
| GERANIACEAE     | <i>Pelargonium aestivale</i> E.M.Marais   | LC |   | Schedule 1 |
| GERANIACEAE     | <i>Pelargonium pseudofumarioides</i> R.Knuth  | LC |   | Schedule 1 |
| GERANIACEAE     | <i>Pelargonium tragacanthoides</i> Burch.<br><i>Gisekia pharnacioides</i> L. var.<br><i>pharnacioides</i> | LC |   | Schedule 1 |
| GISEKIACEAE     | <i>Daubenya comata</i> (Burch. ex Baker)  | LC | 1 |            |
| HYACINTHACEAE   | <i>J.C.Manning &amp; A.van der Merwe</i>  | LC |   | Schedule 2 |
| HYACINTHACEAE   | <i>Dipcadi brevifolium</i> (Thunb.) Fourc.  | LC |   |            |
| HYACINTHACEAE   | <i>Dipcadi gracillimum</i> Baker  | LC |   |            |
| HYACINTHACEAE   | <i>Dipcadi longifolium</i> (Ker Gawl.) Baker  | LC |   |            |
| HYACINTHACEAE   | <i>Dipcadi viride</i> (L.) Moench   | LC |   |            |
| HYACINTHACEAE   | <i>Lachenalia bowkeri</i> Baker<br><i>Lachenalia ensifolia</i> (Thunb.) J.C.Manning & Goldblatt           | LC |   | Schedule 2 |
| HYACINTHACEAE   | <i>Ledebouria apertiflora</i> (Baker) Jessop  | LC | 1 | Schedule 2 |
| HYPERICACEAE    | <i>Hypericum lalandii</i> Choisy  | LC |   |            |
| HYPOXIDACEAE    | <i>Empodium elongatum</i> (Nel) B.L.Burtt   | LC |   |            |
| HYPOXIDACEAE    | <i>Hypoxis rigidula</i> Baker var. <i>rigidula</i>  | LC |   |            |
| IRIDACEAE       | <i>Gladiolus dalenii</i> Van Geel subsp. <i>dalenii</i>   | LC |   | Schedule 2 |
| IRIDACEAE       | <i>Gladiolus ecklonii</i> Lehm.<br><i>Gladiolus permeabilis</i> D.Delaroche subsp.                        | LC |   | Schedule 2 |
| IRIDACEAE       | <i>edulis</i> (Burch. ex Ker Gawl.) Oberm.  | LC |   | Schedule 2 |
| IRIDACEAE       | <i>Hesperantha longituba</i> (Klatt) Baker<br><i>Lapeirousia plicata</i> (Jacq.) Diels subsp.             | LC |   | Schedule 2 |
| IRIDACEAE       | <i>plicata</i>  | LC | 1 | Schedule 2 |
| IRIDACEAE       | <i>Moraea falcifolia</i> Klatt  | LC |   | Schedule 2 |
| IRIDACEAE       | <i>Moraea pallida</i> (Baker) Goldblatt   | LC | 1 | Schedule 2 |
| IRIDACEAE       | <i>Syringodea concolor</i> (Baker) M.P.de Vos   | LC | 1 | Schedule 2 |
| JUNCACEAE       | <i>Juncus exsertus</i> Buchenau   | LC |   |            |
| JUNCACEAE       | <i>Juncus oxycarpus</i> E.Mey. ex Kunth   | LC |   |            |
| LAMIACEAE       | <i>Leonotis ocymifolia</i> (Burm.f.) Iwarsson   | LC |   |            |
| LAMIACEAE       | <i>Ocimum americanum</i> L. var. <i>americanum</i>  | LC |   |            |
| LAMIACEAE       | <i>Salvia disermas</i> L.   | LC | 1 |            |
| LAMIACEAE       | <i>Salvia namaensis</i> Schinz  | LC |   |            |
| LAMIACEAE       | <i>Salvia runcinata</i> L.f.  | LC |   |            |
| LAMIACEAE       | <i>Salvia verbenaca</i> L.  | LC | 1 |            |
| LAMIACEAE       | <i>Stachys linearis</i> Burch. ex Benth.  | LC |   |            |
| LOBELIACEAE     | <i>Lobelia erinus</i> L.  | LC |   |            |
| LOBELIACEAE     | <i>Lobelia flaccida</i> (C.Presl) A.DC. subsp.  |    |   |            |
| LOBELIACEAE     | <i>flaccida</i>   | LC |   |            |
| LOBELIACEAE     | <i>Lobelia thermalis</i> Thunb.   | LC |   |            |
| LOBELIACEAE     | <i>Monopsis scabra</i> (Thunb.) Urb.  | LC |   |            |
| LOPHIOCARPACEAE | <i>Corbicichonia decumbens</i> (Forssk.) Exell  | LC |   |            |
| LOPHIOCARPACEAE | <i>Lophiocarpus polystachyus</i> Turcz.   | LC |   |            |

|                     |  |    |   |            |
|---------------------|--|----|---|------------|
| MALVACEAE           | <i>Abutilon pycnodon</i> Hochr.                          | LC |   |            |
| MALVACEAE           | <i>Grewia flava</i> DC.                                  | LC |   |            |
| MALVACEAE           | <i>Hermannia bryoniifolia</i> Burch.                     | LC |   |            |
| MALVACEAE           | <i>Hermannia burkei</i> Burtt Davy                       | LC |   |            |
| MALVACEAE           | <i>Hermannia comosa</i> Burch. ex DC.                    | LC | 1 |            |
| MALVACEAE           | <i>Hermannia cuneifolia</i> Jacq. var. <i>cuneifolia</i> | LC | 1 |            |
|                     | <i>Hermannia cuneifolia</i> Jacq. var.                   |    |   |            |
| MALVACEAE           | <i>glabrescens</i> (Harr.) I.Verdi                       | LC |   |            |
|                     | <i>Hermannia erodiooides</i> (Burch. ex DC.)             |    |   |            |
| MALVACEAE           | <i>Kuntze</i>  | LC | 1 |            |
| MALVACEAE           | <i>Hermannia jacobeifolia</i> (Turcz.) R.A.Dyer          | LC |   |            |
| MALVACEAE           | <i>Hermannia linearifolia</i> Harv.                      | LC |   |            |
| MALVACEAE           | <i>Hermannia modesta</i> (Ehrenb.) Mast.                 | LC |   |            |
| MALVACEAE           | <i>Hermannia pulchella</i> L.f.                          | LC | 1 |            |
| MALVACEAE           | <i>Hibiscus marlothianus</i> K.Schum.                    | LC |   |            |
| MALVACEAE           | <i>Hibiscus pusillus</i> Thunb.                          | LC |   |            |
| MALVACEAE           | <i>Melhania prostrata</i> DC.                            | LC |   |            |
| MALVACEAE           | <i>Melhania virescens</i> (K.Schum.) K.Schum.            | LC |   |            |
| MELIANTHACEAE       | <i>Melianthus comosus</i> Vahl                           | LC |   |            |
|                     | <i>Melianthus dregeanus</i> Sond. subsp.                 |    |   |            |
| MELIANTHACEAE       | <i>dregeanus</i>   | LC |   |            |
|                     | <i>Malephora smithii</i> (L.Bolus)                       |    |   |            |
| MESEMBRYANTHEMACEAE | <i>H.E.K.Hartmann</i>                                    | LC | 1 | Schedule 2 |
|                     | <i>Mestoklema tuberosum</i> (L.) N.E.Br. ex              |    |   |            |
| MESEMBRYANTHEMACEAE | <i>Glen</i>  | LC | 1 | Schedule 2 |
| MESEMBRYANTHEMACEAE | <i>Neohenricia sibbettii</i> (L.Bolus) L.Bolus           | LC |   | Schedule 2 |
| MESEMBRYANTHEMACEAE | <i>Oscularia deltoides</i> (L.) Schwantes                | LC |   | Schedule 2 |
|                     | <i>Psilocaulon coriarium</i> (Burch. ex N.E.Br.)         |    |   |            |
| MESEMBRYANTHEMACEAE | <i>N.E.Br.</i>   | LC | 1 | Schedule 2 |
|                     | <i>Psilocaulon granulicaule</i> (Haw.)                   |    |   |            |
| MESEMBRYANTHEMACEAE | <i>Schwantes</i>   | LC | 1 | Schedule 2 |
|                     | <i>Hypertelis salsolooides</i> (Burch.) Adamson          |    |   |            |
| MOLLUGINACEAE       | <i>var. salsolooides</i>                                 | LC |   |            |
|                     | <i>Limeum sulcatum</i> (Klotzsch) Hutch. var.            |    |   |            |
| MOLLUGINACEAE       | <i>sulcatum</i>  | LC |   |            |
|                     | <i>Mollugo cerviana</i> (L.) Ser. ex DC. var.            |    |   |            |
| MOLLUGINACEAE       | <i>cerviana</i>  | LC |   |            |
|                     | <i>Ophioglossum polyphyllum</i> A.Braun var.             |    |   |            |
| OPHIOGLOSSACEAE     | <i>polyphyllum</i>                                       | LC |   |            |
| ORCHIDACEAE         | <i>Disa pulchra</i> Sond.                                | LC |   | Schedule 2 |
| ORCHIDACEAE         | <i>Eulophia foliosa</i> (Lindl.) Boul.                   | LC |   | Schedule 2 |
| ORCHIDACEAE         | <i>Satyrium longicauda</i> Lindl. var. <i>longicauda</i> | LC |   | Schedule 2 |
| OXALIDACEAE         | <i>Oxalis depressa</i> Eckl. & Zeyh.                     | LC | 1 | Schedule 2 |
| PAPAVERACEAE        | <i>Papaver aculeatum</i> Thunb.                          | LC |   |            |
| PEDALIACEAE         | <i>Pterodiscus luridus</i> Hook.f.                       | LC |   |            |
| PEDALIACEAE         | <i>Sesamum capense</i> Burm.f.                           | LC | 1 |            |

|                |   |    |   |
|----------------|---|----|---|
| PHYLLANTHACEAE | <i>Phyllanthus maderaspatensis</i> L.   | LC |   |
|                | <i>Phyllanthus parvulus</i> Sond. var. <i>garipensis</i><br>(E.Mey. ex Drège) Radcl.-Sm.                | LC |   |
| PHYLLANTHACEAE | <i>Phyllanthus parvulus</i> Sond. var. <i>parvulus</i>  | LC |   |
| PITTOSPORACEAE | <i>Pittosporum viridiflorum</i> Sims  | LC |   |
| POACEAE        | <i>Agrostis lachnantha</i> Nees var. <i>lachnantha</i><br><i>Alloteropsis semialata</i> (R.Br.) Hitchc. | LC |   |
| POACEAE        | <i>subsp. eckloniana</i> (Nees) Gibbs Russ.   | LC |   |
| POACEAE        | <i>Aristida adscensionis</i> L.   | LC | 1 |
|                | <i>Aristida congesta</i> Roem. & Schult. subsp.   |    |   |
| POACEAE        | <i>barbicollis</i> (Trin. & Rupr.) De Winter<br><i>Aristida congesta</i> Roem. & Schult. subsp.         | LC |   |
| POACEAE        | <i>congesta</i>   | LC | 1 |
|                | <i>Aristida diffusa</i> Trin. subsp. <i>burkei</i> (Stapf)  |    |   |
| POACEAE        | <i>Melderis</i>   | LC | 1 |
| POACEAE        | <i>Aristida vestita</i> Thunb.  | LC |   |
| POACEAE        | <i>Brachiaria eruciformis</i> (Sm.) Griseb.   | LC |   |
| POACEAE        | <i>Brachiaria marlothii</i> (Hack.) Stent   | LC |   |
| POACEAE        | <i>Cenchrus ciliaris</i> L.   | LC | 1 |
| POACEAE        | <i>Chloris virgata</i> Sw.  | LC | 1 |
| POACEAE        | <i>Cynodon dactylon</i> (L.) Pers.  | LC | 1 |
| POACEAE        | <i>Cynodon incompletus</i> Nees   | LC |   |
| POACEAE        | <i>Digitaria eriantha</i> Steud.  | LC | 1 |
| POACEAE        | <i>Elionurus muticus</i> (Spreng.) Kunth  | LC |   |
|                | <i>Enneapogon cenchroides</i> (Licht. ex Roem.<br>& Schult.) C.E.Hubb.                                  | LC | 1 |
| POACEAE        | <i>Enneapogon desvauxii</i> P.Beauv.  | LC | 1 |
| POACEAE        | <i>Enneapogon scaber</i> Lehm.  | LC | 1 |
| POACEAE        | <i>Enneapogon scoparius</i> Stapf   | LC |   |
| POACEAE        | <i>Eragrostis bicolor</i> Nees  | LC | 1 |
| POACEAE        | <i>Eragrostis chloromelas</i> Steud.  | LC |   |
|                | <i>Eragrostis ciliaris</i> (All.) Vignolo ex<br>Janch.  | LC |   |
| POACEAE        | <i>Eragrostis curvula</i> (Schrad.) Nees  | LC |   |
| POACEAE        | <i>Eragrostis homomalla</i> Nees  | LC |   |
|                | <i>Eragrostis lehmanniana</i> Nees var.   |    |   |
| POACEAE        | <i>lehmanniana</i>  | LC | 1 |
| POACEAE        | <i>Eragrostis nindensis</i> Ficalho & Hiern   | LC | 1 |
|                | <i>Eragrostis obtusa</i> Munro ex Ficalho &   |    |   |
| POACEAE        | <i>Hiern</i>  | LC | 1 |
| POACEAE        | <i>Eragrostis procumbens</i> Nees   | LC |   |
| POACEAE        | <i>Eragrostis rotifer</i> Rendle  | LC |   |
| POACEAE        | <i>Eragrostis superba</i> Peyr.   | LC |   |
| POACEAE        | <i>Eragrostis truncata</i> Hack.  | LC | 1 |
|                | <i>Eustachys paspaloides</i> (Vahl) Lanza &<br><i>Mattei</i>  | LC |   |

|               |   |    |   |
|---------------|---|----|---|
| POACEAE       | <i>Festuca costata</i> Nees                               | LC |   |
| POACEAE       | <i>Fingerhuthia africana</i> Lehm.                        | LC | 1 |
|               | <i>Heteropogon contortus</i> (L.) Roem. &                 |    |   |
| POACEAE       | <i>Schult.</i>  | LC | 1 |
| POACEAE       | <i>Hordeum capense</i> Thunb.                             | LC |   |
| POACEAE       | <i>Hyparrhenia hirta</i> (L.) Stapf                       | LC |   |
| POACEAE       | <i>Leptochloa fusca</i> (L.) Kunth                        | LC |   |
| POACEAE       | <i>Melica decumbens</i> Thunb.                            | LC |   |
|               | <i>Melinis repens</i> (Willd.) Zizka subsp.               |    |   |
| POACEAE       | <i>grandiflora</i> (Hochst.) Zizka                        | LC |   |
| POACEAE       | <i>Melinis repens</i> (Willd.) Zizka subsp. <i>repens</i> | LC |   |
| POACEAE       | <i>Oropetium capense</i> Stapf                            | LC | 1 |
| POACEAE       | <i>Panicum coloratum</i> L. var. <i>coloratum</i>         | LC | 1 |
| POACEAE       | <i>Panicum impeditum</i> Launert                          | LC |   |
| POACEAE       | <i>Panicum stapfianum</i> Fourc.                          | LC |   |
|               | <i>Puccinellia acrostantha</i> C.A.Sm. &                  |    |   |
| POACEAE       | <i>C.E.Hubb.</i>  | LC |   |
| POACEAE       | <i>Schismus barbatus</i> (Loefl. ex L.) Thell.            | LC |   |
| POACEAE       | <i>Setaria lindenbergiana</i> (Nees) Stapf                | LC |   |
| POACEAE       | <i>Setaria verticillata</i> (L.) P.Beauv.                 | LC | 1 |
| POACEAE       | <i>Sporobolus albicans</i> (Nees ex Trin.) Nees           | LC |   |
| POACEAE       | <i>Sporobolus coromandelianus</i> (Retz.) Kunth           | LC |   |
| POACEAE       | <i>Sporobolus discosporus</i> Nees                        | LC | 1 |
| POACEAE       | <i>Sporobolus fimbriatus</i> (Trin.) Nees                 | LC | 1 |
| POACEAE       | <i>Sporobolus ioclados</i> (Trin.) Nees                   | LC | 1 |
| POACEAE       | <i>Sporobolus oxyphyllus</i> L.Fish                       | LC |   |
| POACEAE       | <i>Sporobolus tenellus</i> (Spreng.) Kunth                | LC |   |
|               | <i>Stipagrostis ciliata</i> (Desf.) De Winter var.        |    |   |
| POACEAE       | <i>capensis</i> (Trin. & Rupr.) De Winter                 | LC | 1 |
|               | <i>Stipagrostis namaquensis</i> (Nees) De                 |    |   |
| POACEAE       | <i>Winter</i>   | LC | 1 |
| POACEAE       | <i>Stipagrostis obtusa</i> (Delile) Nees                  | LC | 1 |
|               | <i>Stipagrostis uniplumis</i> (Licht.) De Winter          |    |   |
| POACEAE       | <i>var. uniplumis</i>                                     | LC |   |
| POACEAE       | <i>Themeda triandra</i> Forssk.                           | LC | 1 |
| POACEAE       | <i>Tragus berteronianus</i> Schult.                       | LC | 1 |
| POACEAE       | <i>Tragus koelerioides</i> Asch.                          | LC | 1 |
| POACEAE       | <i>Tragus racemosus</i> (L.) All.                         | LC | 1 |
| POLYGALACEAE  | <i>Polygala ephedroides</i> Burch.                        | LC | 1 |
| POLYGALACEAE  | <i>Polygala hispida</i> Burch. ex DC.                     | LC |   |
|               | <i>Polygala leptophylla</i> Burch. var.                   |    |   |
| POLYGALACEAE  | <i>leptophylla</i>  | LC | 1 |
| POLYGONACEAE  | <i>Rumex lanceolatus</i> Thunb.                           | LC |   |
| PORTULACACEAE | <i>Talinum caffrum</i> (Thunb.) Eckl. & Zeyh.             | LC | 1 |
| RANUNCULACEAE | <i>Anemone tenuifolia</i> (L.f.) DC.                      | LC |   |

|                  |  |    |            |
|------------------|--|----|------------|
| RANUNCULACEAE    | <i>Clematis brachiata</i> Thunb.   | LC | 1          |
|                  | <i>Oligomeris dipetala</i> (Aiton) Turcz. var.<br><i>dipetala</i>                  | LC |            |
| RESEDACEAE       |  | LC |            |
| RHAMNACEAE       | <i>Rhamnus prinoides</i> L'Hér.  | LC |            |
|                  | <i>Ziziphus mucronata</i> Willd. subsp.<br><i>mucronata</i>                        | LC |            |
| RHAMNACEAE       |  | LC |            |
| RUBIACEAE        | <i>Kohautia caespitosa</i> Schnizl. subsp.<br><i>brachyloba</i> (Sond.) D.Mantell  | LC |            |
| RUBIACEAE        | <i>Kohautia cynanchica</i> DC.   | LC | 1          |
| RUTACEAE         | <i>Diosma hirsuta</i> L.   | LC |            |
| SANTALACEAE      | <i>Osyris lanceolata</i> Hochst. & Steud.  | LC | 1          |
| SANTALACEAE      | <i>Thesium congestum</i> R.A.Dyer  | LC |            |
| SANTALACEAE      | <i>Thesium hystrix</i> A.W.Hill  | LC | 1          |
| SAPINDACEAE      | <i>Allophylus decipiens</i> (Sond.) Radlk.   | LC |            |
| SCROPHULARIACEAE | <i>Aptosimum marlothii</i> (Engl.) Hiern   | LC | 1          |
| SCROPHULARIACEAE | <i>Aptosimum procumbens</i> (Lehm.) Steud.   | LC | 1          |
|                  | <i>Aptosimum spinescens</i> (Thunb.) Emil<br>Weber                                 | LC | 1          |
| SCROPHULARIACEAE | <i>Chaenostoma halimifolium</i> Benth.   | LC | 1          |
| SCROPHULARIACEAE | <i>Diclis petiolaris</i> Benth.  | LC |            |
| SCROPHULARIACEAE | <i>Jamesbrittenia albiflora</i> (I.Verd.) Hilliard                                 | LC | Schedule 2 |
|                  | <i>Jamesbrittenia atropurpurea</i> (Benth.)<br>Hilliard subsp. <i>atropurpurea</i> | LC | Schedule 2 |
| SCROPHULARIACEAE | <i>Jamesbrittenia aurantiaca</i> (Burch.) Hilliard                                 | LC | Schedule 2 |
| SCROPHULARIACEAE | <i>Jamesbrittenia filicaulis</i> (Benth.) Hilliard                                 | LC | Schedule 2 |
| SCROPHULARIACEAE | <i>Limosella africana</i> Glück var. <i>africana</i>                               | LC | 1          |
| SCROPHULARIACEAE | <i>Nemesia floribunda</i> Lehm.  | LC | Schedule 2 |
| SCROPHULARIACEAE | <i>Nemesia fruticans</i> (Thunb.) Benth.   | LC | Schedule 2 |
| SCROPHULARIACEAE | <i>Nemesia hanoverica</i> Hiern  | LC | Schedule 2 |
| SCROPHULARIACEAE | <i>Nemesia petiolina</i> Hiern   | LC | Schedule 2 |
|                  | <i>Peliostomum leucorrhizum</i> E.Mey. ex<br>Benth.                                | LC | 1          |
| SCROPHULARIACEAE | <i>Selago acocksii</i> Hilliard  | LC |            |
| SCROPHULARIACEAE | <i>Selago albida</i> Choisy  | LC | 1          |
| SCROPHULARIACEAE | <i>Selago geniculata</i> L.f.  | LC | 1          |
| SCROPHULARIACEAE | <i>Selago saxatilis</i> E.Mey.   | LC |            |
| SCROPHULARIACEAE | <i>Veronica anagallis-aquatica</i> L.  | LC |            |
| SCROPHULARIACEAE | <i>Zaluzianskya karrooica</i> Hilliard   | LC |            |
| SINOPTERIDACEAE  | <i>Cheilanthes eckloniana</i> (Kunze) Mett.  | LC |            |
|                  | <i>Pellaea calomelanos</i> (Sw.) Link var.<br><i>calomelanos</i>                   | LC | 1          |
| SINOPTERIDACEAE  |  | LC |            |
| SOLANACEAE       | <i>Lycium cinereum</i> Thunb.  | LC | 1          |
| SOLANACEAE       | <i>Lycium horridum</i> Thunb.  | LC | 1          |
| SOLANACEAE       | <i>Lycium pilifolium</i> C.H.Wright  | LC | 1          |
| SOLANACEAE       | <i>Solanum burchellii</i> Dunal  | LC | 1          |

|                  |   |               |   |
|------------------|---|---------------|---|
| SOLANACEAE       | <i>Solanum capense L.</i>                                     | LC            |   |
| SOLANACEAE       | <i>Solanum lichtensteinii Willd.</i>                          | LC            |   |
| SOLANACEAE       | <i>Solanum retroflexum Dunal</i>                              | LC            |   |
| SOLANACEAE       | <i>Withania somnifera (L.) Dunal</i>                          | LC            |   |
| THYMELAEACEAE    | <i>Gnidia microcephala Meisn.</i>                             | LC            | 1 |
| THYMELAEACEAE    | <i>Gnidia microphylla Meisn.</i>                              | LC            |   |
| THYMELAEACEAE    | <i>Gnidia polyccephala (C.A.Mey.) Gilg</i>                    | LC            | 1 |
| URTICACEAE       | <i>Forsskaolea candida L.f.</i>                               | LC            |   |
| VERBENACEAE      | <i>Chascanum cuneifolium (L.f.) E.Mey.</i>                    | LC            |   |
| VERBENACEAE      | <i>Chascanum pinnatifidum (L.f.) E.Mey. var. pinnatifidum</i> | LC            | 1 |
| VERBENACEAE      | <i>Lantana rugosa Thunb.</i>                                  | LC            |   |
| ZYGOPHYLLACEAE   | <i>Tribulus terrestris L.</i>                                 | LC            | 1 |
| ZYGOPHYLLACEAE   | <i>Zygophyllum simplex L.</i>                                 | LC            | 1 |
| ASPARAGACEAE     | <i>Asparagus exuvialis Burch. forma exuvialis</i>             | Not Evaluated | 1 |
| BORAGINACEAE     | <i>Heliotropium curassavicum L.</i>                           | Not Evaluated |   |
| POACEAE          | <i>Eragrostis x pseud-obtusa De Winter</i>                    | Not Evaluated |   |
| SOLANACEAE       | <i>Solanum rigescens Jacq.</i>                                | Not Evaluated |   |
| BRYACEAE         | <i>Bryum argenteum Hedw.</i>                                  | Not Evaluated |   |
| BRYACEAE         | <i>Bryum canariense Brid.</i>                                 | Not Evaluated |   |
| BRYACEAE         | <i>Bryum pycnophyllum (Dixon) Mohamed</i>                     | Not Evaluated |   |
| DICRANACEAE      | <i>Campylopus robillardrei Besch.</i>                         | Not Evaluated |   |
| FUNARIACEAE      | <i>Funaria spathulata Schimp. ex Müll.Hal.</i>                | Not Evaluated |   |
| FUNARIACEAE      | <i>Goniomitrium africanum (Müll.Hal.) Broth.</i>              | Not Evaluated |   |
| GRIMMIACEAE      | <i>Grimmia pulvinata (Hedw.) Sm.</i>                          | Not Evaluated |   |
| POACEAE          | <i>Urochloa panicoides P.Beauv.</i>                           | Not Evaluated |   |
| POTTIACEAE       | <i>Didymodon tophaceopsis R.H.Zander</i>                      | Not Evaluated |   |
| POTTIACEAE       | <i>Didymodon tophaceus (Brid.) Lisa</i>                       | Not Evaluated |   |
| POTTIACEAE       | <i>Didymodon umbrosus (Müll.Hal.) R.H.Zander</i>              | Not Evaluated |   |
| POTTIACEAE       | <i>Gymnostomum aeruginosum Sm.</i>                            | Not Evaluated |   |
| POTTIACEAE       | <i>Hymenostylium recurvirostre (Hedw.) Dixon</i>              | Not Evaluated |   |
| POTTIACEAE       | <i>Pseudocrossidium crinitum (Schultz)</i>                    | Not Evaluated |   |
| POTTIACEAE       | <i>R.H.Zander</i>   | Not Evaluated |   |
| POTTIACEAE       | <i>Tortula atrovirens (Sm.) Lindb.</i>                        | Not Evaluated |   |
| POTTIACEAE       | <i>Trichostomum brachydontium Bruch</i>                       | Not Evaluated |   |
| PTYCHOMITRIACEAE | <i>Ptychomitrium cucullatifolium (Müll.Hal.) A.Jaeger</i>     | Not Evaluated |   |
| RICCIACEAE       | <i>Riccia albornata O.H.Volk &amp; Perold</i>                 | Not Evaluated |   |
| RICCIACEAE       | <i>Riccia nigrella DC.</i>                                    | Not Evaluated |   |