1. Pyrosia schimperiana

PLATE 1

2. *Cyrtanthus falcatus*

3. *Cyrtanthus flammosus*

**PLATE 3**

*Cyrtanthus flammosus*. Drawn from plants in the Kirstenbosch cliff-plant collection (material from a ledge at the Kouga Dam, type plant!). Artist: Lisa Strachan.
5. Cyrtanthus herrei

PLATE 5
Cyrtanthus herrei. Painted from plants in the Kirstenbosch cliff-plant collection (material from a ledge on Kuamsibberg, Hunsberg, southern Namibia, collected 7 July 2007 by Paul Ems). Artist: Vicki Thomas.
7. Cyrtanthus junodii

PLATE 7

8. *Cyrtanthus labiatus*

PLATE 8

*Cyrtanthus labiatus*. Drawn from plants in the Kirstenbosch cliff-plant collection (material from a ledge at the Kouga Dam, Eastern Cape, collected 18 September 1990, *Van Jaarsveld 11070*). Artist: Lisa Strachan.
PLATE 12

*Haemanthus pauculifolius*. Plant in flower and in fruit. Note the vegetative spread of young bulbs at the base of the plant (from Kaaprivierspoort, Barberton, *Van Jaarsveld 19371*). Artist: Vicki Thomas.
13. *Aloe arborescens* subsp. *mzimnyati*

**PLATE 13**

15. *Aloe challisii*

PLATE 15

16. *Aloe corallina*

**PLATE 16**

*Aloe corallina*. Sketched from digital images of the original site (Otjiboronbongo, Kaokoveld, northern Namibia, *Van Jaarsveld 16482*). Artist. Cora Jardine.
PLATE 17
*Aloe dabenorisa*na. Painted from the type plant (Dabenorisberg, Bushmanland, Northern Cape). Artist: Ellaphie Ward-Hilhorst.
20. Aloe hardyi

PLATE 20

*Aloe hardyi.* Shown in habitat at Kromellenboog, Limpopo Province (*Van Jaarsveld 16242*). Artist: Eric Judd.
22. Aloe meyeri

*PLATE 22*

PLATE 24

_Aloe nubigena_. Depicted in its habitat near Angle Station, Barberton, Mpu-
malanga (from a plant collected by Phillip Nel). Artist: Eric Judd.
25. Aloe omavandae

PLATE 25
Aloe omavandae. Shown in habitat on a sandstone cliff on the Baynes Mountains at Omavanda (painted from the type plant). Artist: Gillian Condy.
PLATE 26

*Aloe pavelkae*. Depicted in habitat in the Ai-Ais Richtersveld Transfrontier National Park (Kuamsibberg, Hunsberg, southern Namibia, *Van Jaarsveld 19919*). Artist: Eric Judd.
PLATE 26a

*Aloe petrophila*. Shown in habitat at Wyllies Poort, Soutpansberg, Limpopo Province (collected by Ernst van Jaarsveld). Artist: Eric Judd.
PLATE 27

*Aloe pictifolia*. Depicted in habitat at the Kouga Dam, Eastern Cape (*Van Jaarsveld 11046*)
Artist: Eric Judd.
PLATE 28
PLATE 31

*Bulbine cremnophila*. Drawn from a plant in Gertsmitskloof, Baviaanskloof, Eastern Cape (*Van Jaarsveld 7238*). Artist: Vicki Thomas.
32a. *Bulbine latifolia* (Great Fish River, cliff form)

PLATE 32a

*Bulbine latifolia*. Depicted on cliffs at the Great Fish River, north of Grahamstown, Eastern Cape (*Van Jaarsveld 16813*). Artist: Vicki Thomas.
32. *Bulbine latifolia* var. *curvata*

**PLATE 32**

*Bulbine latifolia* var. *curvata*. Drawn from a plant at the Kouga Dam, Eastern Cape (*Van Jaarsveld 13806*). Artist: Vicki Thomas.
PLATE 33

PLATE 35

*Bulbine pendens*. Depicted in the Skaaprivierspoort, Northern Cape (*Van Jaarsveld, Harrower, Nicolson & Xaba 12762*). Artist: Vicki Thomas.
PLATE 36
Bulbine ramosa. Shown in habitat at Badspoort south of Calitzdorp, Western Cape (Van Jaarsveld 16120). Artist: Vicki Thomas.
PLATE 39

*Bulbine suurbergensis*. Depicted in its habitat in the Suurberg, Eastern Cape (*Van Jaarsveld 19228*). Artist: Vicki Thomas.
40. *Bulbine thomasiae*

**PLATE 40**  
*Bulbine thomasiae*. Depicted as it grows at Collywobbles, Eastern Cape (*Van Jaarsveld 16850*). Artist: Vicki Thomas.
41. *Gasteria batesiana* var. *batesiana*

PLATE 41

PLATE 42

*Gasteria batesiana* var. *dolomitica*. Drawn from plants in the Kirstenbosch cliff-plant collection (material from Penge, Olifants River, Limpopo Province, *Van Jaarsveld & Hankey 15081*). Artist: Jeanette Loedolff.
PLATE 43

PLATE 43a

PLATE 44

*Gasteria doreeniae*. Painted from material collected by Doreen Court from Swartwaters-poort, Eastern Cape. Artist: Ellaphie Ward-Hilhorst.
PLATE 46

*Gasteria glomerata*. Shown in its habitat at the Kouga Dam, Eastern Cape (*Van Jaarsveld & Sardien 11054*). Artist: Jeanette Loedolff.
PLATE 48

*Gasteria rawlinsonii*. Drawn from a plant from Gertsmits-kloof, Baviaanskloof, Eastern Cape (*Van Jaarsveld 7215*). Artist: Jeanette Loedolff.
PLATE 49

PLATE 51

Haworthia attenuata. Depicted in habitat at the Enon River, Eastern Cape (Van Jaarsveld 17833, 365/03). Artist: Gerhard Marx.
62. *Trachyandra tabularis*

**PLATE 62**

*Trachyandra tabularis*. Shown in habitat above Window Gorge, Table Mountain, Cape Peninsula, Western Cape (*Van Jaarsveld 22891*). Artist: Vicki Thomas.
PLATE 63

PLATE 64

PLATE 65

*Albuca crudenii*. Drawn from plants grown in the Kirstenbosch cliff-plant collection (material collected by Tony Dold near Grahamstown, Eastern Cape). Note the production of bulbils at the base of the bulb (cloning). Artist: Lisa Strachan.
68. *Albuca thermarum*

PLATE 68

PLATE 69

_Drimia cremnophila_. Sketched from a plant grown at Kirstenbosch (from a shale cliff face along the Mzimvubu River, Transkei region of the Eastern Cape, Van Jaarsveld, Xaba & Harrower 97). Artist: Vicki Thomas.
PLATE 71

*Drimia loedolffiae*. Drawn from a plant cultivated at Kirstenbosch (material from near the mouth of the Kei River, Eastern Cape, *Van Jaarsveld 17914*). Artist: Jeanette Loedolff.
PLATE 72

*Drimia mzimvubuensis* (type plant). Drawn from plants collected on a shale cliff along the Mzimvubu River, Transkei region, Eastern Cape. Artist: Elbe Joubert.
PLATE 75

Ledebouria cremnophila. In flower in its sandstone cliff-face habitat (Kaaprivierspoort, Mpumalanga, Van Jaarsveld 19372). Artist: Jeanette Loedolff.
PLATE 76

*Ledebouria venteri* (type plant). Flowering in cultivation at Kirstenbosch.
Artist: Jeanette Loedolff.
PLATE 78

*Ornithogalum longibracteatum*. In its cliff-face habitat at Tsolorha, Bashee River, Transkei region, Eastern Cape (*Van Jaarsveld 16896*). Note the production of bulbils at the base of the bulb (cloning). Artist: Jeanette Loedolff.
Ornithogalum pendens. Shown in its habitat, a sandstone cliff at Skaaprivierspoort, Namaqualand, Northern Cape (drawn from the type collection). Artist: Vicki Thomas.
PLATE 82

*Lavrania haagnerae*. Depicted on a cliff west of Sesfontein (Van Jaarsveld 19879). Artist: Gerhard Marx.
PLATE 85

**PLATE 86**

*Othonna armiana*. Drawn from a plant growing in the Kirstenbosch cliff-plant collection (material from Rooiberg, Eksteenfontein, Richtersveld, Northern Cape, *Van Jaarsveld & Kuhn 8188*). Artist: Jeanette Loedolff.
87. Othonna capensis

PLATE 87

*Othonna capensis*. Drawn from a plant growing in the Kirstenbosch cliff-plant collection (material from Valley of Desolation, Graaff-Reinet, Eastern Cape, *Van Jaarsveld 16589*). Artist: Jeanette Loedolff.
**PLATE 88**

*Othonna cremnophila*. Drawn from a plant growing in the Kirstenbosch cliff-plant collection (material from Rosyntjieberg, Richtersveld, Northern Cape, *Van Jaarsveld 19119*). Artist. Lisa Strachan.
89. *Othonna triplinervia* (cremophilous form)

PLATE 89

*Othonna triplinervia*. Painted from a plant growing in the Kirstenbosch cliff-plant collection (material from Enon, Eastern Cape, *Van Jaarsveld 17855*). Artist: Jeanette Loedolff.
PLATE 90

*Senecio medley-woodii*. Drawn from a plant growing in the Kirstenbosch cliff-plant collection (material from Mzimvubu River, Transkei, Eastern Cape, *Van Jaarsveld, Harrower & Xaba 20*). Artist: Jeanette Loedolff.
PLATE 92

*Senecio pondoensis*. Drawn from a plant growing in the Kirstenbosch cliff-plant collection (material from Mzamba River, Transkei region, Eastern Cape, *Van Jaarsveld, Styles & Buring 19297*). Artist: Jeanette Loedolff.
PLATE 97

*Adromischus cristatus* var. *schonlandii*. Drawn from a plant growing in the Kirstenbosch cliff-plant collection (material from the Kouga Dam, Eastern Cape, *Van Jaarsveld 17102*, collected 19 December 2001).

Artist: Jeanette Loedolff.
PLATE 100

PLATE 101

*Adromischus leucophyllus*. Painted from a plant in the Kirstenbosch cliff-plant collection (material from Keurkloof, De Doorns, Hex River Valley, Western Cape, *Van Jaarsveld 19556*). Artist: Vicki Thomas.
PLATE 104

PLATE 106
Cotyledon barbeyi var. A. Drawn from a plant in the Kirstenbosch cliff-plant collection (material from Wyllies Poort, Limpopo Province, Van Jaarsveld 18035). Artist: Vicki Thomas.
PLATE 108

*Cotyledon pendens*. Drawn from a plant growing in the Kirstenbosch cliff-plant collection (drawn from the type collection from Tsolorha, Bashee River, Transkei region, Eastern Cape). Artist: Lisa Strachan.
109. *Cotyledon tomentosa* subsp. *tomentosa*

PLATE 109
*Cotyledon tomentosa* subsp. *tomentosa*. Drawn from a plant growing in the Kirstenbosch cliff-plant collection (material from Kouga Dam, Eastern Cape, *Van Jaarsveld 17180*). Artist: Gillian Foster.
115. *Crassula capitella* subsp. *thyrsiflora* (cremnophilous form)

**PLATE 115**

116. *Crassula cremnophila*

PLATE 116

*Crassula cremnophila*. Drawn from plants in the Kirstenbosch cliff-plant collection (material from cliffs at Keurkloof, Kouga River, Eastern Cape, *Van Jaarsveld 17368*). Artist: Cora Jardine.
PLATE 116a

*Crassula cremnophila*. Drawn from plants in the Kirstenbosch cliff-plant collection (material from cliffs at Keurkloof, Kouga River, Eastern Cape, *Van Jaarsveld 17368*). Artist: Lisa Strachan.
PLATE 125

_Crassula montana_ subsp. _montana_. Drawn from plants in the Kirstenbosch cliff-plant collection (material from cliffs at Badspoort near Calitzdorp, Western Cape, _Van Jaarsveld 14144_). Artist: Lisa Strachan.
131. *Crassula perforata* subsp. *kougaensis*

**PLATE 131**

*Crassula perforata* subsp. *kougaensis*. Drawn from plants in the Kirstenbosch cliff-plant collection (material from cliffs at Kouga Dam, Eastern Cape, *Van Jaarsveld 9905*). Artist: Gillian Foster.
PLATE 142

*Crassula sladenii*. Drawn from plants growing in the Kirstenbosch cliff-plant collection (material from cliffs at Konsertinaberg, Ai-Ais Richtersveld Transfrontier National Park, southern Namibia, *Van Jaarsveld 21070*). Artist: Jeanette Loedolff.
PLATE 143

*Crassula smithii*. Drawn from plants in the Kirstenbosch cliff-plant collection (material from cliffs at Noodsberg, KwaZulu-Natal, collected by Gideon Smith). Artist: Vicki Thomas.
PLATE 145

*Crassula streyi*. Drawn from plants in the Kirstenbosch cliff-plant collection (material from Mzamba, northern Transkei region, Eastern Cape, *Van Jaarsveld 18258*). Artist: Jeanette Loedolff.
PLATE 145a

*Crassula streyi*. Drawn from plants in the Kirstenbosch cliff-plant collection (material from Mtamvuna, southern KwaZulu-Natal). Artist: Jeanette Loedolff.
PLATE 151

*Tylecodon bruynsii.* Painted from a plant in the Kirstenbosch cliff-plant collection (material from south-facing cliffs, Kuamsibberg, Hunsberg, southern Namibia, *Van Jaarsveld 21088*). Artist: Vicki Thomas.
PLATE 155

*Tylecodon ellaphieae* (type). Drawn from a plant in the Kirstenbosch collection (material from Rosyntjieberg, Richtersveld, Northern Cape). Artist: Ellaphie Ward-Hilhorst.
Tylecodon petrophilus. Drawn from the type plant in the Kirstenbosch cliff-plant collection (material from south-facing cliffs in Skaaprivierspoort, Namaqualand, Northern Cape). Artist: Vicki Thomas.
PLATE 159

164. *Streptocarpus kentaniensis*

PLATE 164

*Streptocarpus kentaniensis*. Drawn from a plant growing in the Kirstenbosch cliff-plant collection (material from Kei River, Eastern Cape, *Van Jaarsveld 17923*). Artist: Vicki Thomas.
Aeollanthus rydingianus. Drawn from plants collected at Omavanda, Baynes Mountains, northern Namibia (type collection). Artist: Vicki Thomas.
PLATE 168

PLATE 169

PLATE 170

_Plectranthus mzimvubuensis._ Drawn from plants (type collection) collected at the Mzimvubu River, Transkei region, Eastern Cape. Artist: Vicki Thomas.
PLATE 170a

_Plectranthus mzimvubuensis_. Painted from plants (type collection) collected along the Mzimvubu River, Transkei region, Eastern Cape. Artist: Vicki Thomas.
PLATE 172

*Plectranthus saccatus* subsp. *pondoensis*. Drawn from plants grown at the Kirstenbosch collection (material from sandstone cliffs at Oribi Gorge, type collection). Artist: Elise Bodley.
174. *Carruanthus peersii*

PLATE 174

*Carruanthus peersii*. Drawn from a plant grown in the Kirstenbosch cliff-plant collection (material from Toorwaterspoort, Groot Swartberg, Western Cape, *Van Jaarsveld 17412*). Artist: Jeanette Loedolff.
189. *Conophytum ricardianum* subsp. *ricardianum*

**PLATE 189**

PLATE 190

PLATE 192

Conophytum taylorianum subsp. rosynense

PLATE 193

Conophytum taylorianum subsp. rosynense. Painted from a plant collected on the Rosyntjieberg, Richtersveld, Ai-Ais Richtersveld Transfrontier National Park, Northern Cape (Van Jaarsveld 22271, 580/09). Artist: Jeanette Loedolff.
PLATE 196

*Delosperma esterhuyseniae*. Drawn from a plant grown in the Kirstenbosch cliff-plant collection (material from Gertsmitskloof, Baviasenkloof, Eastern Cape, Van Jaarsveld 7245). Artist: Jeanette Loedolff.
PLATE 202

*Delosperma tradescantioides*. Drawn from a plant grown in the Kirstenbosch cliff-plant collection (material from cliffs along the Kei River, Eastern Cape, collected by Cameron MacMaster & Rhoda van Zijl). Artist: Jeanette Loedolff.
PLATE 204

*Delosperma waterbergense*. Drawn from a plant grown in the Kirstenbosch cliff-plant collection (material from cliffs on the Waterberg, Marakele National Park, Limpopo Province, *Van Jaarsveld 17953*). Artist: Jeanette Loedolff.
PLATE 207

*Drosantheum expersum*. Drawn from a plant grown in the Kirstenbosch cliff-plant collection. Note the woody resprouting base and the young red fruiting capsules (material from cliffs on the Baviaansberg, Western Cape Province, *Van Jaarsveld 18621*). Artist: Jeanette Loedolff.
PLATE 211

*Jensenobotrya lossowiana*. Painted from a plant at Dolphin Head on the southern Namibian coast (*Van Jaarsveld 21145*). Artist: Jeanette Loedolff.
Oscularia cremnophila. Drawn from a plant grown at the Kirstenbosch cliff-plant collection (material from Steenbokfontein, near Elands Bay, Western Cape, from the type collection). Artist: Lisa Strachan.
Dewinteria petrophila. Painted from a plant grown at the Kirstenbosch cliff-plant collection (material from Otjihipa Mountains, Kaokoveld, Namibia). Artist: Vicki Thomas.