



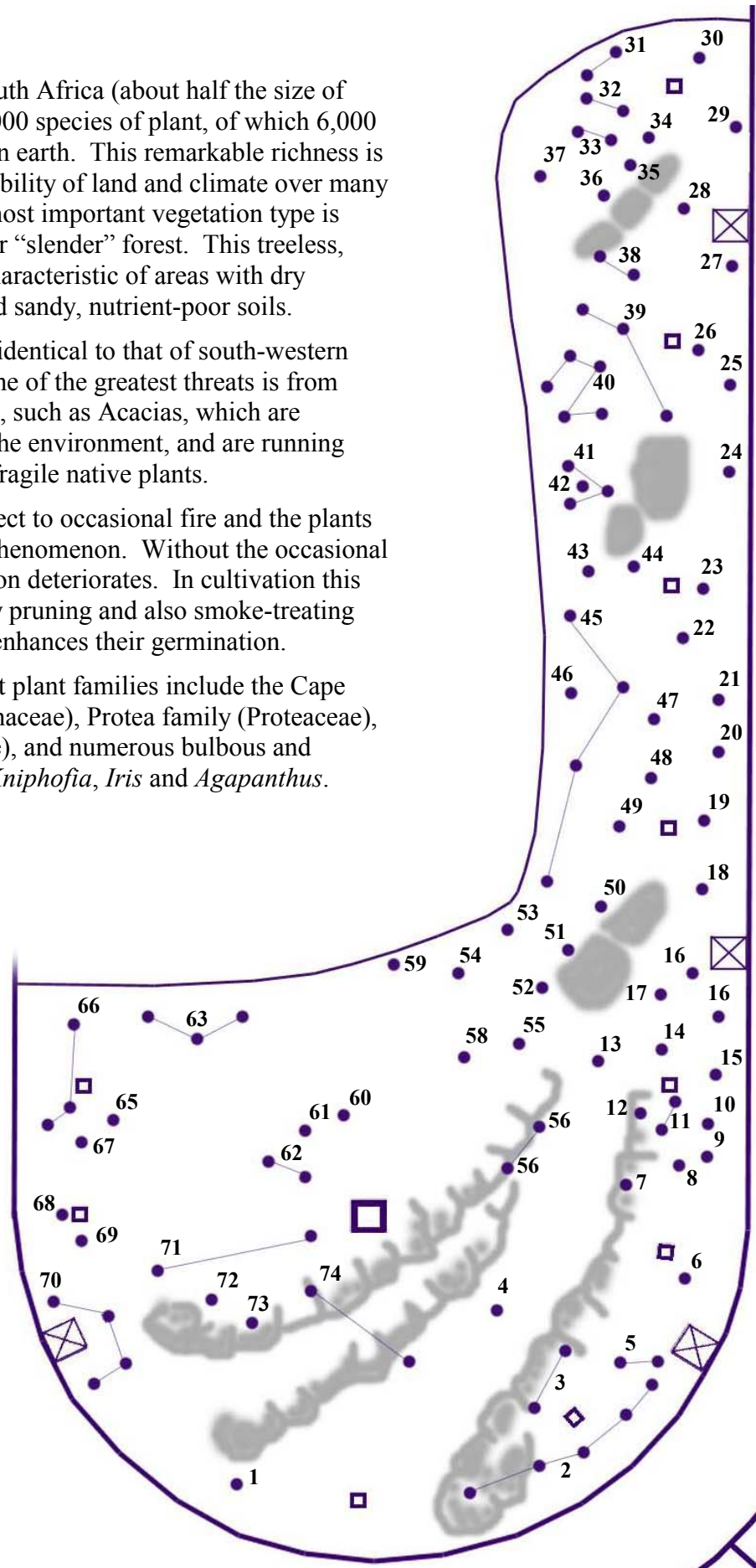
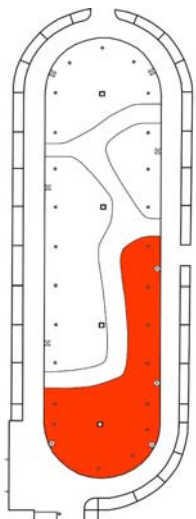
**SOUTH AFRICA**

The cape region of South Africa (about half the size of Ireland) contains over 8,000 species of plant, of which 6,000 are found nowhere else on earth. This remarkable richness is a measure of the great stability of land and climate over many millions of years. The most important vegetation type is **Fynbos**, literally “fine” or “slender” forest. This treeless, evergreen shrubland is characteristic of areas with dry summers, wet winters and sandy, nutrient-poor soils.

This habitat is almost identical to that of south-western Australia [**Bed D**], and one of the greatest threats is from imported Australian trees, such as Acacias, which are perfectly pre-adapted to the environment, and are running wild, and displacing the fragile native plants.

The vegetation is subject to occasional fire and the plants are well adapted to this phenomenon. Without the occasional 'fire pruning' the vegetation deteriorates. In cultivation this cycle can be simulated by pruning and also smoke-treating the seeds, a process that enhances their germination.

Some of the prominent plant families include the Cape Reeds or Restios (Restionaceae), Protea family (Proteaceae), heather family (Ericaceae), and numerous bulbous and rhizomatous plants like *Kniphofia*, *Iris* and *Agapanthus*.



NATIONAL BOTANIC GARDENS, GLASNEVIN  
CURVILINEAR RANGE (South Africa) [CL(E)C]

Last updated: August 2002



Dúchas The Heritage Service

- 1 *Restio quadratus* (RESTIONACEAE) 1995.0207
- 2 *Cymbopogon validus* (POACEAE) 2002.3506A
- 3 *Erica ostiaria* (ERICACEAE) 1995.0171
- 4 *Kniphofia* (ASPHODELACEAE) 1994.1258
- 5 *Dierama robustum* (IRIDACEAE) 1994.1269
- 6 *Kniphofia rooperi* (ASPHODELACEAE) 1994.1266
- 7 *Erica speciosa* (ERICACEAE) 1995.0595C
- 8 *Lampranthus aureus* (AIZOACEAE) 1995.0029
- 9 *Scabiosa columbaria* (DIPSACACEAE) 1994.1226
- 10 *Dierama* (IRIDACEAE) 1994.1260B
- 11 *Agapanthus inapertus* subsp. *pendulus* (ALLIACEAE) 1995.0418
- 12 *Erica glandulosa* (ERICACEAE) 1999.2605
- 13 *Thalictrum rhynocarpum* (RANUNCULACEAE) 1994.1243C
- 14 *Rhodocoma capensis* (RESTIONACEAE) 1995.0215C
- 15 *Agapanthus praecox* subsp. *praecox* (ALLIACEAE) 1994.0239B
- 16 *Erica mammosa* (ERICACEAE) 1995.0591C
- 17 *Erica foliacea* (ERICACEAE) 1995.0186A
- 18 *Chondropetalum tectorum* (RESTIONACEAE)
- 19 *Erica fourcadei* (ERICACEAE) 1995.0803
- 20 *Erica margaritacea* (ERICACEAE) 1995.0191
- 21 *Kniphofia caulescens* (ASPHODELACEAE) 1994.1261B
- 22 *Restio* (RESTIONACEAE) 1995.0210
- 23 *Erica koltshii* (ERICACEAE) 1995.0873
- 24 *Erica bolusiae* (ERICACEAE) 1995.0154
- 25 *Conicosia pugioniformis* (AIZOACEAE) 1995.0928
- 26 ?
- 27 *Erica coccinea* (ERICACEAE) 1995.0152
- 28 *Rhodocoma gigantea* (RESTIONACEAE) 1995.0216
- 29 *Erica corifolia* (ERICACEAE) 1995.0823
- 30 *Erica paludicola* (ERICACEAE) 1995.0176
- 31 *Felicia* sp. (ASTERACEAE) 1997.1329
- 32 *Erica cruenta* (ERICACEAE) 1995.0586
- 33 *Erica cyathiformis* (ERICACEAE) 1995.0184B
- 34 *Lampranthus amoenus* (AIZOACEAE) 1995.0936A
- 35 *Widdringtonia nodiflora* (CUPRESSACEAE) 2001.4256
- 36 *Ruschia maxima* (AIZOACEAE) 1995.0956A
- 37 *Lobelia pinifolia* (CAMPANULACEAE) 1999.2604
- 38 *Erica regia* (ERICACEAE) 1995.0849
- 39 *Gladiolus* (IRIDACEAE) 1994.1273B
- 40 *Erica pageana* (ERICACEAE) 1995.0593
- 41 *Agathosma ciliaris* (RUTACEAE) 1995.0926A
- 42 *Erica clavisepala* (ERICACEAE) 1995.0161B
- 43 *Brunia alopecuroides* (BRUNIACEAE) 1997.1326B
- 44 *Chondropetalum tectorum* (RESTIONACEAE) 1995.0212C
- 45 *Ruschia lineolata* (AIZOACEAE) 1995.0959
- 46 *Erica formosa* (ERICACEAE) 1995.0870
- 47 *Dierama ingens* (IRIDACEAE) 1994.1264
- 48 *Erica foliacea* (ERICACEAE) 1995.0186B
- 49 *Watsonia angusta* (IRIDACEAE) 1995.0966
- 50 *Erica pulchella* (ERICACEAE) 1995.0198
- 51 *Streptocarpus primulifolius* (GESNERIACEAE) 1997.1056
- 52 *Erica nana* (ERICACEAE) 1995.0233
- 53 *Lampranthus primivernus* (AIZOACEAE) 1995.0941
- 54 *Erica speciosa* (ERICACEAE) 1995.0595D
- 55 *Acacia karroo* (FABACEAE(M)) 1994.1225B
- 56 *Helichrysum lineatum* (ASTERACEAE) 1994.1246
- 58 *Barosma foetidissima* (RUTACEAE) XX.008377
- 59 *Cineraria saxifraga* (ASTERACEAE) 1978.2981C
- 60 *Maurocena frangularia* (CELASTRACEAE) XX.008564
- 61 *Erica versicolor* (ERICACEAE) 1995.0596
- 62 *Erica versicolor* (ERICACEAE) 1995.0840
- 63 *Albuca caudata* (HYACINTHACEAE) 1994.1255
- 65 *Greyia* (GREYIACEAE) 1994.1244
- 66 *Kniphofia ensifolia* (ASPHODELACEAE) 1994.1247
- 67 *Diosma ericoides* (RUTACEAE) XX.008465
- 68 *Scilla natalensis* (HYACINTHACEAE) XX.009039
- 69 *Sideroxylon inerme* (SAPOTACEAE) XX.008759
- 70 *Dierama* (IRIDACEAE) 1994.1270
- 71 *Erica canaliculata* (ERICACEAE) 1995.0585C
- 72 *Greyia sutherlandii* (GREYIACEAE) XX.008505
- 73 *Erica nana* (ERICACEAE) 1995.0801
- 74 *Wachendorfia thyrsiflora* (HAEMODORACEAE) 1995.0960