

List of Known Plant Species – Target 1 of the GSPC

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Convention on Biological Diversity

CBD



Global Strategy for Plant Conservation



Adopted unanimously by the 187 governments
at the 6th Conference of the Parties to the Convention on
Biological Diversity (COP) - The Hague, Netherlands,
19th April, 2002



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**GSPC Objective: to halt the current and
continuing loss of plant diversity**

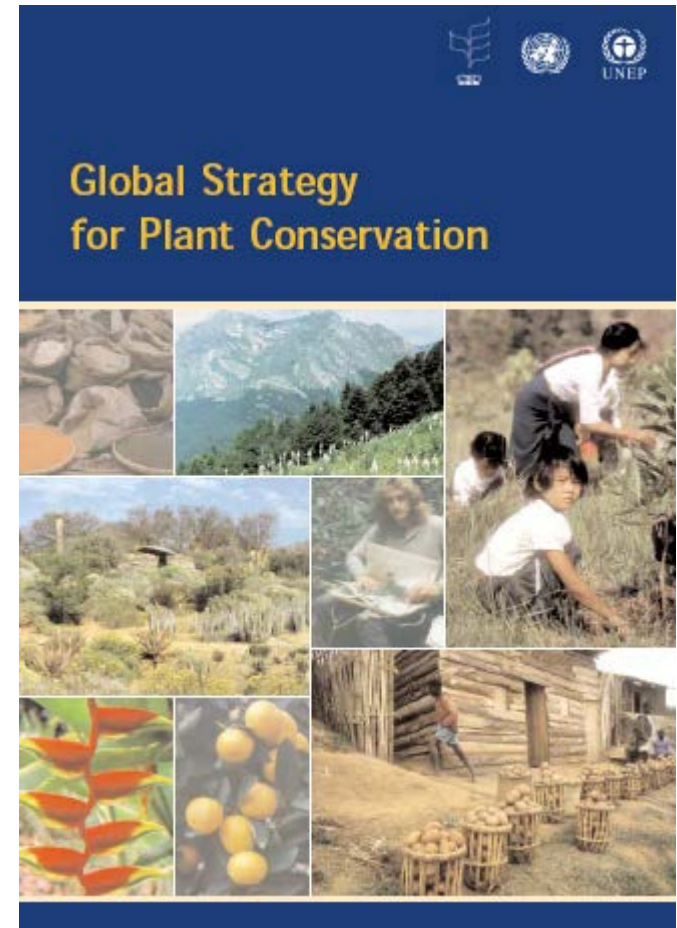
Scope of the Global Strategy for Plant Conservation

- ◆ Understanding and documenting plant diversity
- ◆ Conserving plant diversity
- ◆ Using plant diversity sustainably
- ◆ Promoting education & awareness about plant diversity
- ◆ Capacity building for plant diversity



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So what's new about the GSPC?

- ◆ 16 outcome-orientated targets to be achieved by 2010
- ◆ First ever internationally agreed targets in biodiversity conservation
- ◆ Recognised as an innovative model approach to target setting for the CBD
- ◆ Unique integration of national and international initiatives in plant conservation



火烧花
Mayodendron igneum (Kurz) Kurz
紫葳科
分布：缅甸及我国云南南部
用途：观赏花为傣族传统野菜



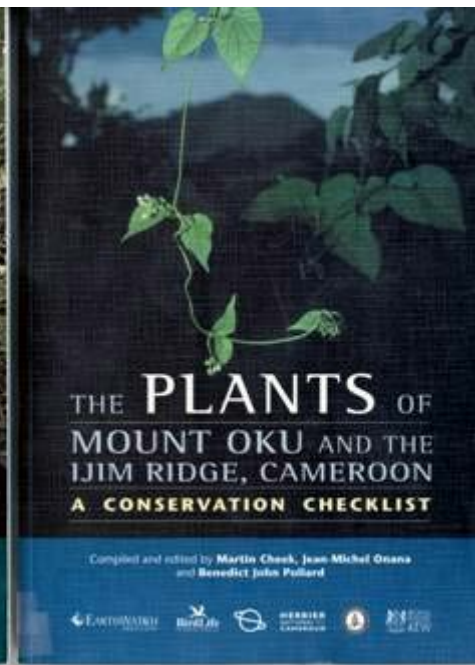
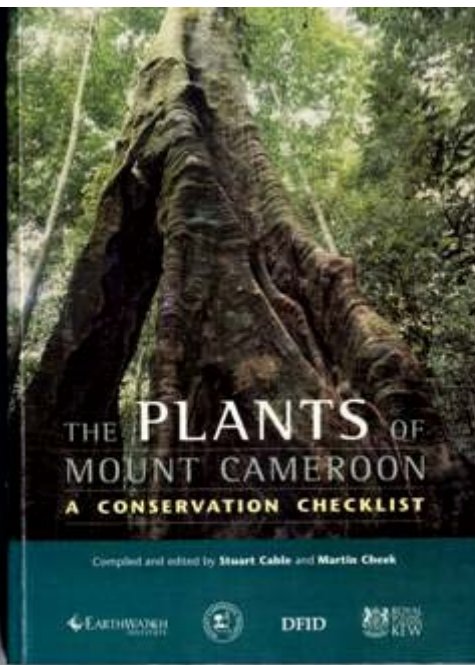
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GSPC - Targets for 2010

Understanding and Documenting Plant Diversity:

- ◆ TARGET 1: A widely accessible working list of known plant species, as a step towards a complete world flora



GSPC Target 1

Royal Botanic Gardens, Kew
nominated as lead facilitating
agency for Target 1 –

Over 120 institutions and individuals
from over 25 countries are
working towards meeting the
Target



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GSPC Target 1

- ◆ Within the Catalogue of Life Programme, Species 2000 is cooperating with Kew and other stakeholders in the delivery of GSPC Target 1

GSPC Target 1 – current status

- ◆ Ferns and Fern allies - completed
- ◆ Gymnosperms - completed
- ◆ Bryophytes - nearing completion
- ◆ Flowering Plants - 53% completed (by the end of 2007) including the 10 largest families.

Overall this represents 55 percent completion by the end of 2007.



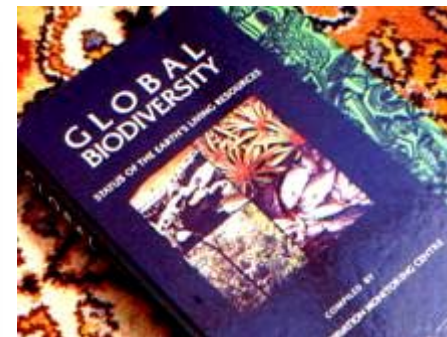
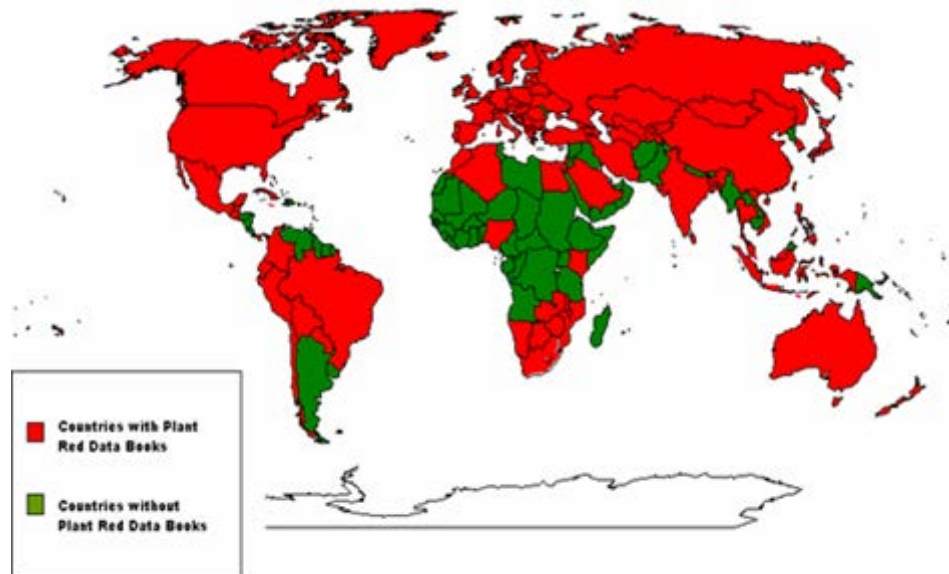
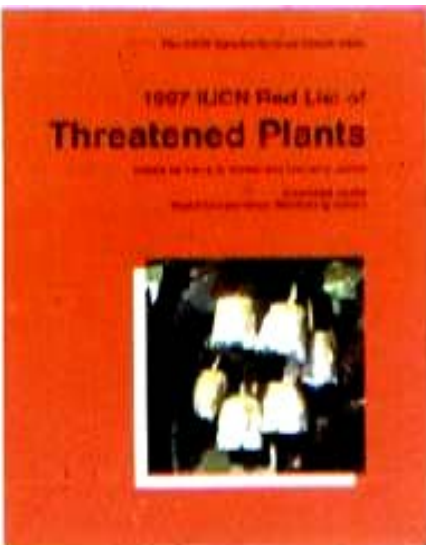
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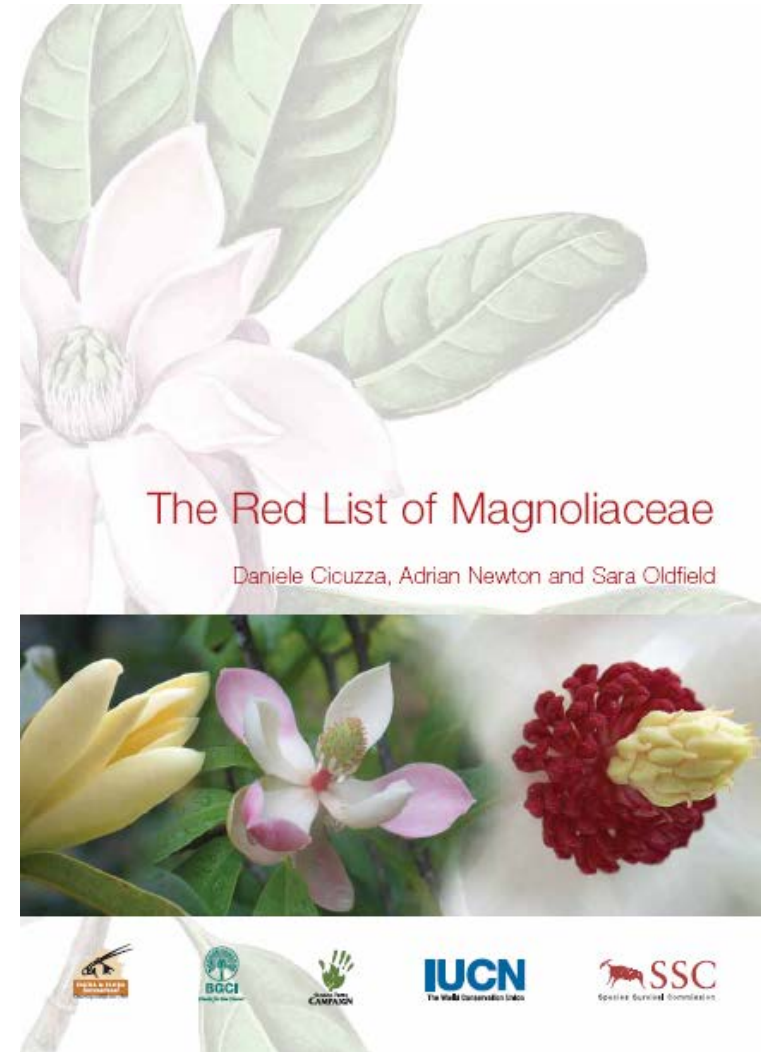
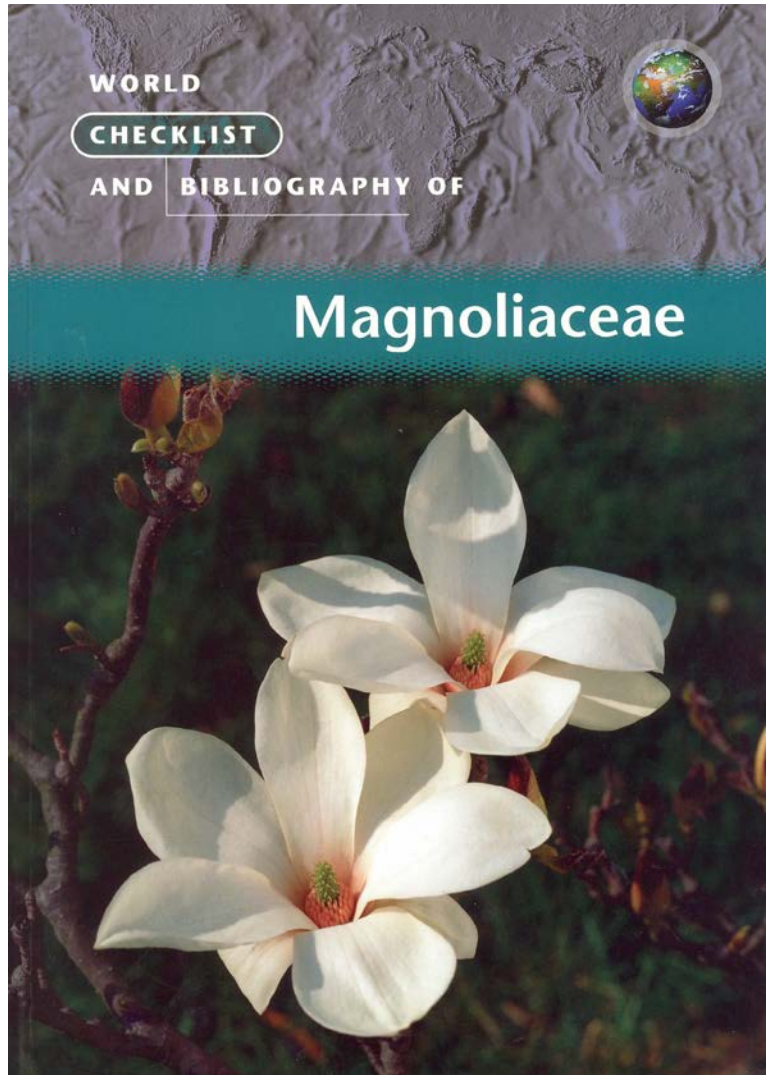
GSPC - Targets for 2010

Understanding and Documenting Plant Diversity:

- ◆ TARGET 2: A preliminary assessment of the conservation status of all known plant species, at national, regional and international levels



Red List of Magnoliaceae



GSPC – Targets for 2010

Conserving Plant Diversity:

- ◆ **TARGET 5: 50% of the most important areas for plant diversity protected**



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GSPC - Targets for 2010

Conserving Plant Diversity:

- ◆ TARGET 7: 60% of the world's threatened species conserved *in situ*.



GSPC - Targets for 2010

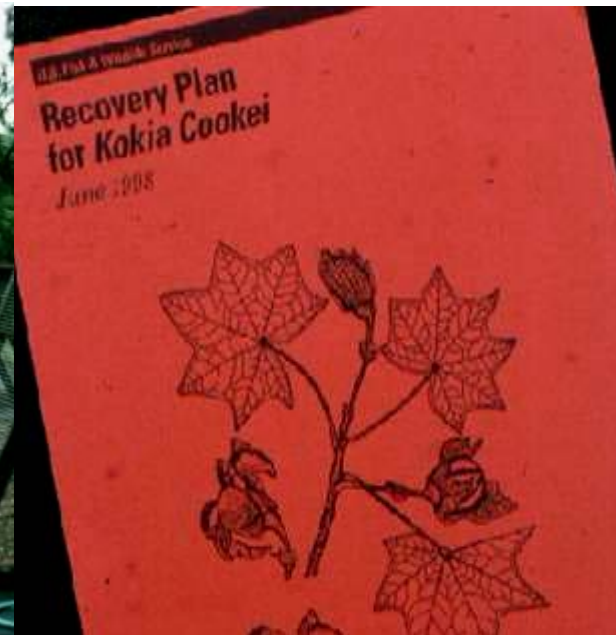
Conserving Plant Diversity:

- ◆ **TARGET 8: 60% of threatened plant species in accessible *ex situ* collections, preferably in the country of origin, and 10% of them included in recovery and restoration programmes**

Bok Tower Gardens, Florida, USA

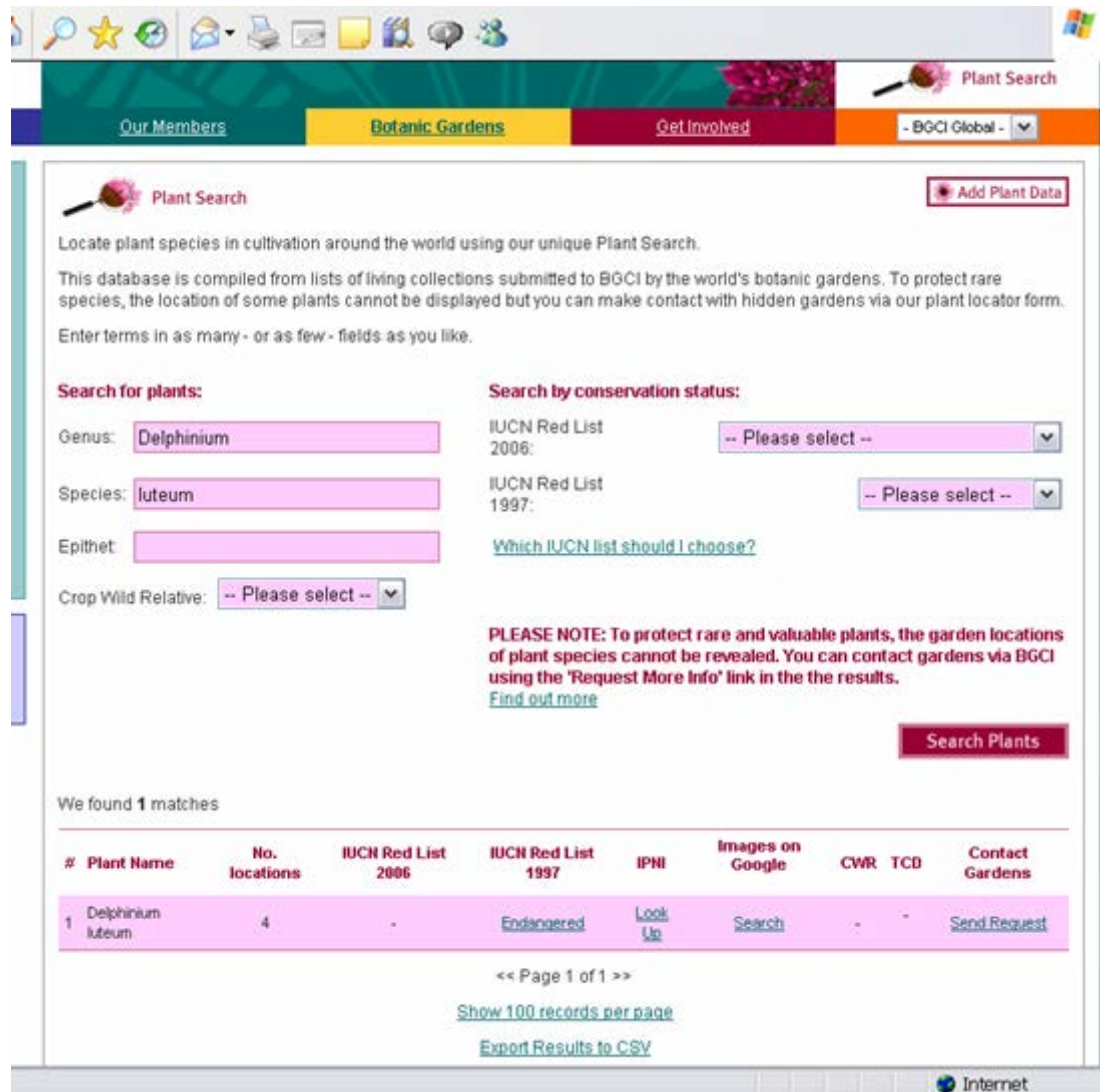


Karoo BG, NBI, South Africa



Target 8

◆ A challenge for Botanic Gardens



The screenshot shows the BGCI Plant Search website. The navigation bar includes links for 'Our Members', 'Botanic Gardens', 'Get Involved', and '- BGCI Global -'. The main content area is titled 'Plant Search' and includes an 'Add Plant Data' button. Below the title, there is a brief description of the database and instructions for searching. The search form contains the following fields:

- Genus:
- Species:
- Epithet:
- Crop Wild Relative:
- IUCN Red List 2006:
- IUCN Red List 1997:

A link for 'Which IUCN list should I choose?' is provided. A 'PLEASE NOTE' section explains that garden locations are hidden for rare plants and provides a 'Request More Info' link. A 'Search Plants' button is located at the bottom right of the search area.

The search results show 1 match:

#	Plant Name	No. locations	IUCN Red List 2006	IUCN Red List 1997	IPNI	Images on Google	CWR	TCD	Contact Gardens
1	Delphinium luteum	4	-	Endangered	Look Up	Search	-	-	Send Request

Navigation links include '<< Page 1 of 1 >>', 'Show 100 records per page', and 'Export Results to CSV'. The footer of the page includes the BGCI logo and the text 'Plants for the Planet'.

- Home
- Latest News
- Botanic Gardens
- Plant Conservation
 - Global strategy
 - Plant Search
 - Case Studies
 - Techniques
 - Conservation Forum
 - Funding
 - Careers
- Discovering Plants
- Education
- Get Involved
- Events
- Publications & Policies
- Links

Explore the world botanical gardens plants collection

Search results:

Here are the results of your search. Click on any result to look the plant up in the 'International plant names index'.

Please note that red list categories are given where there is a direct match for a plant. Advanced plant searches can be conducted on the [web sites for the respective plant listings](#).

3 plant(s) found. Showing 1 to 3.

#	Search result returned:	No. of BGs cultivating these plants	IPNI	2003 IUCN Red List	1997 IUCN List	Google Image Search	More Information
1	Taiwania cryptomerioides	25	Look Up	None	Vulnerable	Image Search	Request
2	Taiwania flousiana	6	Look Up	None	Rare	Image Search	Request
3	Taiwania sp./hybrid	1	Look Up	None	None	Image Search	Request

[Search for another plant](#)

Links to Plant Directories:

All links will open in a new window.

- ▶ [International Plant Name Index Query](#)
- ▶ [IUCN Red List of Threatened Species™](#)
- ▶ [1997 IUCN Red List of Threatened Plants](#)

Botanic Garden plant records

We need the Catalogue of Life to help us make sense of the myriad of plant names supplied by BGCI members and to link them with conservation status information



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GSPC - Targets for 2010

Using plant diversity sustainably:

- ◆ TARGET 11: No species of wild flora endangered by international trade



Thank You



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- ◆ www.bgci.org
- ◆ www.plants2010.org