

CONVENTION ON INTERNATIONAL TRADE IN ENDANGERED SPECIES
OF WILD FAUNA AND FLORA



Twelfth meeting of the Plants Committee
Leiden (The Netherlands), 13-17 May 2002

Medicinal plants

Implementation of Decision 11.165 on trade in traditional medicines

LIST OF SPECIES TRADED FOR MEDICINAL PURPOSES

1. The Annex to this document has been prepared by the Secretariat on the basis of the list of CITES species used for medicinal purposes, as contained in an Annex to *Medicinal Plants Significant Trade Study; CITES project S-109 (Uwe Schippmann, 2001)*.
2. No attempt has been made to add non-listed species, because their number would vastly exceed the CITES-listed ones, and it would be very time consuming. Such a list would probably also be incomplete. A list of animal species (CITES and non-CITES) was prepared, but is still largely incomplete as it.
3. The Secretariat notes that the existence of records of the use of a species for medicinal purposes does not necessarily imply that specimens of those species are traded internationally. In order to compile the list called for in Decision 11.165, paragraph c), a lot of time and money is needed, and the Secretariat is seeking the opinion of the Plants Committee on whether such an investment effort, and the resulting list, will be useful for the purposes of CITES.

Annex

Table 58. Medicinal and aromatic plants included in the CITES Appendices.

The target species of this report are printed in **bold**.
The taxa are included in Appendix II of CITES unless otherwise stated.

Sources:

A	CUNNINGHAM (1993)
C	CHAN (1997)
H	HAU (1997)
Hä	HÄNSEL & al. (1993)
K	KASPAREK (1994)
L	LANGE (1998a)
Ma	Taxon identified by the study of LANGE & SCHIPPMANN (1997) and included in MAPCIS
M	MALLA & al. (1995)
Ö	ÖZHATAY & al. (1999)
Ol	OLDFIELD (1993)
P	PEI (1996)
R	ROBERTS (1997)
T	TRAFFIC EAST ASIA (1999)

The nomenclature of all names has been checked against CITES standard reference lists and other sources: BUTTLER (1986), CARTER & EGGLI (1997), DRESSLER (1993), GREY-WILSON (1997), HUNT (1992), JACOBSEN (1981), KREUTZ (1998), OERTLE (1987), REYNOLDS (1982), ROBERTS & al. (1995, 1997), STEVENSON & al. (1995), and the Index Kewensis in its 1996 CD-ROM version.

Family / Species	Source
ALOEACEAE	
<i>Aloe arborescens</i>	Ma L
<i>Aloe aristata</i>	A C
<i>Aloe asperifolia</i>	C
<i>Aloe cooperi</i>	A C
<i>Aloe ferox</i>	Ma L C
<i>Aloe hereroensis</i>	C
<i>Aloe linearifolia</i>	A C
<i>Aloe marlothii</i>	A C
<i>Aloe microcantha</i>	C
<i>Aloe perryi</i>	Ma L
<i>Aloe secundiflora</i>	Ol
<i>Aloe turkanensis</i>	Ol
APOCYNACEAE	
<i>Rauvolfia serpentina</i>	Ma L
AMARYLLIDACEAE	
<i>Galanthus nivalis</i>	Ma L
<i>Galanthus woronowii</i>	Hä

<i>Sternbergia lutea</i>	L
ARALIACEAE	
<i>Panax quinquefolius</i>	Ma L
ASCLEPIADACEAE	
<i>Ceropegia woodii</i>	C
ASTERACEAE	
<i>Saussurea costus</i> , App. I	Ma L
BERBERIDACEAE	
<i>Podophyllum hexandrum</i>	Ma L
CACTACEAE	
<i>Cereus hildmannianus</i>	C
<i>Harrisia pomanensis</i>	Ma L
<i>Lophophora williamsii</i>	Ma L
<i>Myrtillocactus geometrizans</i>	Ma L
<i>Opuntia ficus-indica</i>	Ma L
<i>Opuntia humifusa</i>	Ma L
<i>Opuntia monacantha</i>	Ma L
<i>Rhipsalis baccifera</i>	A C
<i>Schlumbergera truncata</i>	C
<i>Selenicereus grandiflorus</i>	Ma L
CYATHEACEAE	
<i>Cyathea dregei</i>	A
CYCADACEAE	
<i>Cycas circinalis</i>	Ma
DICKSONIACEAE	
<i>Cibotium barometz</i>	Ma L
DIOSCOREACEAE	
<i>Dioscorea deltoidea</i>	Ma L
DROSERACEAE	
<i>Dionaea muscipula</i>	Ma L
EUPHORBIACEAE	
<i>Euphorbia bupleurifolia</i>	C
<i>Euphorbia clavarioides</i>	C
<i>Euphorbia cooperi</i>	C

<i>Euphorbia grandidens</i>	C
<i>Euphorbia ingens</i>	C
<i>Euphorbia pulvinata</i>	A C
<i>Euphorbia resinifera</i>	Ma L
<i>Euphorbia woodii</i>	A C
GNETACEAE	
<i>Gnetum montanum</i> , App. III	Ma L
LEGUMINOSAE	
<i>Pterocarpus santalinus</i>	Ma L
NEPENTHACEAE	
<i>Nepenthes distillatoria</i>	Ma L
<i>Nepenthes khasiana</i> , App. I	B L
ORCHIDACEAE	
<i>Acampe praemorsa</i>	A
<i>Aceras anthropophorum</i>	K Ö L
<i>Acrolophia cochlaeris</i>	A
<i>Aerangis mystacidii</i>	A
<i>Amitostigma gracile</i>	T
<i>Anacamptis pyramidalis</i>	Ma K L
<i>Anoectochilus formosanus</i>	T
<i>Anoectochilus roxburghii</i>	T
<i>Ansellia africana</i>	A C
<i>Ansellia gigantea</i>	A
<i>Arundina graminifolia</i>	T
<i>Barlia robertiana</i>	K Ö L
<i>Bletilla formosana</i>	T
<i>Bletilla ochracea</i>	T
<i>Bletilla striata</i>	Ma L
<i>Bolusiella maudiae</i>	A
<i>Bulbophyllum calodictyon</i>	T
<i>Bulbophyllum inconspicuum</i>	T
<i>Bulbophyllum kwangtungense</i>	T
<i>Bulbophyllum odoratissimum</i>	T
<i>Bulbophyllum radiatum</i>	T
<i>Calanthe davidi</i>	T
<i>Calypstrochilum emarginatum</i>	A
<i>Changnienia amoena</i>	T
<i>Chloranthus serratus</i>	T
<i>Comperia comperiana</i>	Ö L
<i>Cremastra appendiculata</i>	T
<i>Cremastra variabilis</i>	T

<i>Cypripedium flavum</i> , App. I	T
<i>Cypripedium franchetii</i> , App. I	T
<i>Cypripedium guttatum</i> , App. I	T
<i>Cypripedium henyri</i> , App. I	T
<i>Cypripedium japonicum</i> , App. I	T
<i>Cypripedium macranthon</i> , App. I	T
<i>Cypripedium margaritaceum</i> , App. I	T
<i>Cypripedium parviflorum</i> , App. I	Ma L
<i>Cyrtopodium punctatum</i>	Ma L
<i>Cyrtorchis arcuata</i>	A C
<i>Dactylorhiza acinaciforme</i>	H
<i>Dactylorhiza hatagirea</i>	Ma
<i>Dactylorhiza iberica</i>	K L
<i>Dactylorhiza osmanica</i>	K Ö L
<i>Dactylorhiza romana</i>	K L
<i>Dendrobium aduncum</i>	H R
<i>Dendrobium aphyllum</i>	H
<i>Dendrobium bellatulum</i>	H
<i>Dendrobium bifarium</i>	R
<i>Dendrobium candidum</i>	Ma H L R
<i>Dendrobium cariniferum</i>	H
<i>Dendrobium chrysanthum</i>	Ma H L R
<i>Dendrobium chryseum</i>	R
<i>Dendrobium chrysotoxum</i>	H
<i>Dendrobium crepidatum</i>	H R
<i>Dendrobium crumenatum</i>	H R
<i>Dendrobium denneanum</i>	H
<i>Dendrobium densiflorum</i>	H
<i>Dendrobium devonianum</i>	H R
<i>Dendrobium discolor</i>	R
<i>Dendrobium falconeri</i>	H
<i>Dendrobium fimbriatum</i>	Ma H L R
<i>Dendrobium gibsonii</i>	H
<i>Dendrobium gratiosissimum</i>	R
<i>Dendrobium hainanense</i>	H
<i>Dendrobium hancockii</i>	H R
<i>Dendrobium henryi</i>	H
<i>Dendrobium hercoglossum</i>	H R
<i>Dendrobium hookerianum</i>	H
<i>Dendrobium huoshanense</i>	H
<i>Dendrobium jenkinsii</i>	H R
<i>Dendrobium linawianum</i>	H R
<i>Dendrobium litiiflorum</i>	H

<i>Dendrobium loddigesii</i>	Ma H L R
<i>Dendrobium lotoense</i>	H R
<i>Dendrobium macraei</i>	M R
<i>Dendrobium moniliforme</i>	R
<i>Dendrobium monticola</i>	R
<i>Dendrobium moschatum</i>	R
<i>Dendrobium nobile</i>	Ma H L R
<i>Dendrobium ovatum</i>	R
<i>Dendrobium pachyphyllum</i>	R
<i>Dendrobium parishii</i>	H
<i>Dendrobium planibulbe</i>	R
<i>Dendrobium plicatile</i>	R
<i>Dendrobium primulinum</i>	H
<i>Dendrobium pulchellum</i>	R
<i>Dendrobium purpureum</i>	R
<i>Dendrobium reptans</i>	R
<i>Dendrobium strongylanthum</i>	H
<i>Dendrobium subulatum</i>	R
<i>Dendrobium teretifolium</i>	R
<i>Dendrobium terminale</i>	H
<i>Dendrobium tokai</i>	R
<i>Dendrobium tosaense</i>	H R
<i>Dendrobium trigonopus</i>	H
<i>Dendrobium williamsonii</i>	H
<i>Dendrobium wilsonii</i>	H R
<i>Diaphanthe millarii</i>	C
<i>Diaphanthe xanthopollinia</i>	A
<i>Disa aconitoides</i>	C
<i>Epipactis yunnanensis</i>	P
<i>Eulophia clatellifera</i>	A
<i>Eulophia cucullata</i>	A C
<i>Eulophia parviflora</i>	A
<i>Eulophia petersii</i>	A C
<i>Eulophia streptopetala</i>	A
<i>Flickeringia bifida</i>	T
<i>Flickeringia comata</i>	
<i>Flickeringia fimbriata</i>	
<i>Flickeringia lonchophylla</i>	H
<i>Gastrodia elata</i>	Ma L
<i>Goodyera procera</i>	P
<i>Goodyera schlechtendalana</i>	T
<i>Gymnadenia conopsea</i>	P
<i>Gymnadenia orchidis</i>	Ma L
<i>Himantoglossum affine</i>	K Ö L

<i>Himantoglossum caprinum</i>	Ö L
<i>Liparis remota</i>	A
<i>Malaxis acuminata</i>	Ma
<i>Microcoelia exilis</i>	A
<i>Mystacidium capense</i>	A C
<i>Mystacidium millari</i>	A
<i>Mystacidium venosum</i>	A
<i>Neotinea maculata</i>	K Ö L
<i>Ophrys bombyliflora</i>	K Ö L
<i>Ophrys ferrum-equinum</i>	K Ö L
<i>Ophrys fusca</i>	K Ö L
<i>Ophrys holoserica</i>	K Ö L
<i>Ophrys lutea</i>	Ö L
<i>Ophrys mammosa</i>	K Ö L
<i>Ophrys phrygia</i>	Ö L
<i>Ophrys reinholdii</i>	L
<i>Ophrys scolopax</i>	K L
<i>Ophrys sicula</i>	K
<i>Ophrys speculum</i>	L
<i>Ophrys tenthredinifera</i>	Ö L
<i>Ophrys umbilicata</i>	L
<i>Orchis anatolica</i>	K L
<i>Orchis coriophora</i>	K L
<i>Orchis italica</i>	K L
<i>Orchis laxiflora</i>	K L
<i>Orchis mascula</i>	Ma L
<i>Orchis militaris</i>	K L
<i>Orchis morio</i>	Ma K L
<i>Orchis pallens</i>	K Ö L
<i>Orchis palustris</i>	K L
<i>Orchis papilionacea</i>	K L
<i>Orchis pinetorum</i>	K L
<i>Orchis provincialis</i>	K Ö L
<i>Orchis purpurea</i>	K Ö L
<i>Orchis sancta</i>	K Ö L
<i>Orchis simia</i>	K L
<i>Orchis spitzelii</i>	K Ö L
<i>Orchis tridentata</i>	K L
<i>Pholidota cantonensis</i>	T
<i>Pholidota chinensis</i>	T
<i>Pholidota yunnanensis</i>	T
<i>Platanthera bifolia</i>	Ma L
<i>Platanthera chlorantha</i>	L
<i>Pleione bulbocodioides</i>	P

<i>Pleione yunnanensis</i>	P
<i>Polystachya concreta</i>	A
<i>Polystachya ottoniana</i>	A C
<i>Polystachya pubescens</i>	A
<i>Polystachya sandersonii</i>	A
<i>Rangaeris muscicola</i>	A
<i>Serapias vomeracea</i>	K L
<i>Spiranthes sinensis</i>	P
<i>Tangtsinia nanchuanica</i>	T
<i>Thunia alba</i>	P
<i>Traunsteinera globosa</i>	K L
<i>Tridactyle bicaudata</i>	A C
<i>Tridactyle tridentata</i>	A C
<i>Vanilla planifolia</i>	Ma L
PODOCARPACEAE	
<i>Podocarpus neriifolia</i> ; App. III	Ma L
PRIMULACEAE	
<i>Cyclamen hederifolium</i>	Ma L
<i>Cyclamen purpurascens</i>	Ma L
RANUNCULACEAE	
<i>Hydrastis canadensis</i>	Ma L
ROSACEAE	

<i>Prunus africana</i>	Ma L
SARRACENIACEAE	
<i>Sarracenia flava</i>	
<i>Sarracenia purpurea</i>	Ma L
SCROPHULARIACEAE	
<i>Picrorhiza kurrooa</i>	Ma L
STANGERIACEAE	
<i>Stangeria eriopus</i> , App. I	A C
TAXACEAE	
<i>Taxus wallichiana</i>	Ma L
THYMELAEACEAE	
<i>Aquilaria malaccensis</i>	Ma L
VALERIANACEAE	
<i>Nardostachys grandiflora</i>	Ma L
ZYGOPHYLLACEAE	
<i>Guaiacum officinale</i>	Ma L
<i>Guaiacum sanctum</i>	Ma L