

"CITES NEWS" – PLANTS

A Newsletter for the European Region of the CITES Plants Committee

**Issue 7
July 2000**

Also produced in Spanish and French

This issue includes:

- **Plants Committee Elections**
- **Ninth Plants Committee Meeting**
- **COP11 - Results of Plant Proposals**
- **CITES Training**
- **Date & venue of next Plants Committee**

This issue of CITES News provides the results of the 11th meeting of Conference of the Parties to CITES (COP11), held at the headquarters of the United Nations Environment Programme, Gigiri, Nairobi, Kenya, 10 - 20 April 2000.

Over 1400 participants attended the meeting, representing governments of Parties, non-governmental organisations and inter-governmental organisations.

There were 62 proposals for the amendment of Appendices I and II, 22 of which concerned plants. The results of these are included on pages 6 and 7. The plants proposals were very successful and we congratulate and thank all those who worked hard to achieve these results.

Congratulations!

We have all known Margarita Clemente Muñoz as the Chairman of the Plants Committee, but in April this year she had the onerous task of chairing Committee I (in which all species proposals are considered) at **COP11**. Congratulations Margarita, as ever you did an excellent job - putting your Plants Committee skills to good use in discussions of elephants, whales, turtles, tigers...

Plants Committee Elections

Elections for members of the Plants Committee were held at the Conference and we welcome the new representatives and alternates. Congratulations to Margarita, and Bertrand von Arx on retaining their positions as Chair and Vice-Chair respectively.

	Africa	Central and South America and the Caribbean	North America	Asia	Europe	Oceania
Rep. 1	John DONALDSON (South Africa)	Marga C.M. WERKHOVEN (Suriname)	Bertrand VON ARX (Canada) (Vice-Chair)	Zulmukshar SHAARI (Malaysia)	Margarita CLEMENTE MUÑOZ (Spain) (Chair)	Greg LEACH (Australia)
Rep. 2	Quentin LUKE (Kenya)	Enrique FORERO (Colombia)	XXXX	N.P. SINGH (India)	Jan DE KONING (Netherlands)	XXXX
Alt. 3	K. AKPAGANA (Togo)	Fátima MERELES (Paraguay)	Patricia D DÁVILA ARANDA (Mexico)	Dwiatmo SISWOMARTONO (Indonesia)	Dieter SUPTHUT (Switzerland)	Osia GIDEON (Papua New Guinea)
Alt. 4	XXXX	Dora Ingrid RIVERA (Costa Rica)	XXXX	Jiansheng JIA (China)	Hanna WERBLAN-JAKUBIEC (Poland)	XXXX

NINTH PLANTS COMMITTEE MEETING

DARWIN, AUSTRALIA, 7 - 11 JUNE 1999

This very successful meeting was attended by 72 participants from 28 countries (25 Parties and 14 non-governmental organisations). A bullet point summary of the meeting is presented below:

Priorities

High priority was given to the preparation of comments on the draft of the Strategic Plan for CITES and preparation of the Action Plan for the Plants Committee.

Regional representatives

There was some discussion regarding the role of the regional representatives and the financial support available from the country of the representative, to undertake the role. The Plants Committee produced a list of possible tasks for the regional representatives.

Regional directories

The Plants Committee will continue to develop and maintain specific regional directories, with details on individual staff dealing with CITES plants issues in the Management and Scientific Authorities of each Party in the Region. Manuals for two regions (Europe and North America) have now been completed and the Plants Committee will consider mechanisms to include these on a web site.

Significant Trade

Five projects have been implemented by the Secretariat through various consultants:

- Survey of the orchid trade in Thailand
- Survey of the trade in orchid species of the People's Republic of China
- Trade in *Galanthus* and *Cyclamen* in Turkey and Georgia
- The implementation of the Appendix-II listing of *Aquilaria malaccensis*
- The implementation of the Appendix-II listing of *Nardostachys grandiflora* and *Picrorhiza kurroa*.

Trade in Appendix II species of plants and animals

The Plants Committee, assisted by the Chairman of the Animals Committee, prepared a single draft Resolution to amend Resolution Conf. 8.9 on Significant trade in Appendix-II species. This joint resolution will be used in order to implement the provisions of paragraphs 2(a) and 3 of Article IV of the Convention for both plants and animals.

Review of the Appendices

More than 300 taxa were reviewed and recommendations made. These recommendations were communicated to the range States concerned. On behalf of the Plants Committee, the Depository Government (the Swiss Confederation) presented most of the proposals resulting from the review, to COP11. It should be noted that the Animals Committee is also now using the methodology applied for the review.

Training initiatives

- A User's Guide on CITES and plants - including 40 colour slides, speaker/student notes
- Training manual on the identification of medicinal plants
- University Master's course - on 'Management, conservation and control of species traded internationally' (See article)

Recommendations from the Plants Committee

To strengthen the work of the regional representatives by developing and maintaining regional directories to:

- (1) identify more botanists in the Parties that can be contacted on CITES plants issues;
- (2) inform Management Authorities about the importance of plant issues and the need for proper scientific expertise and financial support;
- (3) stimulate Parties to identify at least one botanist for their Scientific Authority; and
- (4) to tighten links between the Scientific Authority and the Management Authority.

TRADE IN MEDICINAL PLANTS

Aquilaria malaccensis - 'agarwood'

CITES Appendix II

A large evergreen tree that produces a valuable fragrant wood used for incense, perfume, timber, cosmetics, fumigators, and especially, medicine

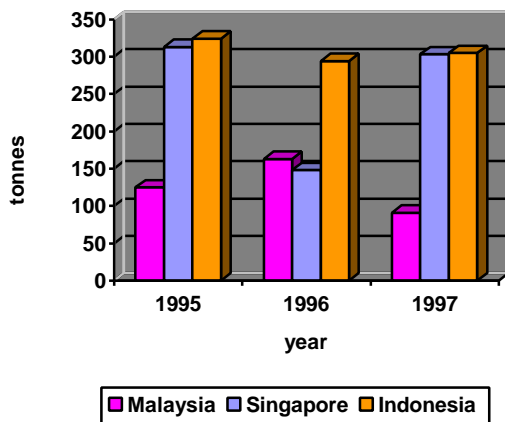
Main exporters = Hong Kong, Indonesia, Malaysia, Singapore, Thailand, Taiwan

Medicinal use

Agarwood has several uses in various eastern medicines. It can be used to treat a range of conditions from halitosis to dysentery to paralysis.

Gross exports of *Aquilaria malaccensis* 'chips' for 1995-1997

(source: CITES Trade Data)



Plant parts used for medicinal purposes

Trees often contain patches of fragrant, resinous wood, which enters into the trade under the name agarwood. The resin is produced by the plant probably as a reaction against infection by fungi or external wounding (Kadir & al. 1977).

Resin impregnated, fragrant wood is usually found in trees about 20 years old or older. It is believed that trees about 50 years of age or above have the highest concentration of oleoresin (Menon 1960, Sadgopal 1960).

With increasing harvest pressure, many trees of *Aquilaria malaccensis* seem to be felled erroneously by inexperienced harvesters in the search for agarwood. Although not all trees are infected, harvesters in some regions are felling all trees in search of infected wood. (IUCN & TRAFFIC 1994).

Supply

According to CITES trade data, the current supply of agarwood derived from *Aquilaria malaccensis* is mainly from Malaysia and Indonesia. Indonesia is the main exporter and Singapore is the major transit point for trade destined to the Middle East and Asian countries.

Other sources report exports from India, Myanmar, Thailand, Bhutan, Cambodia, Laos and Vietnam.

Agar oil

This is a main product, especially in India, but the CITES Annual Reports have very little information on its trade. It is likely that this commodity passes unnoticed by the CITES authorities. The actual trade in agarwood is only partly monitored by the CITES Parties.

Other species

Recent studies have pointed to the fact that agarwood is also being harvested from other *Aquilaria* species. Hau (1997) mentions *Aquilaria sinensis*, *A. agallocha* and *A. secundaria* but the two latter species are synonyms for *A. malaccensis*. Broad (1995) refers to the over-harvesting of *A. crassna* in Vietnam. The World List of Threatened Trees (Oldfield & al. 1998) names the following taxa as harvested for agarwood: *A. beccariana*, *A. crassna*, *A. cumingiana*, *A. hirta*, *A. malaccensis*, *A. microcarpa*, and *A. sinensis*.

At the time of its listing in Appendix II, the trade in agarwood was not fully understood. It is likely that the CITES Annual Report records for *A. malaccensis* include an as yet unknown ratio of records for other species in trade. It would be difficult for an expert to determine the *Aquilaria* species in trade when looking at infested wood alone (IUCN & TRAFFIC 1994).

CITES TRAINING

“Management, Conservation and Control of Species in International Trade” Third Master's Degree Course, Spain: 2 October - 15 December 2000

The II Master's degree course (500 hours) from 4 October - 17 December 1999 was organized by the International University of Andalusia (Baeza, Jaen) with the collaboration of the University of Cordoba (Spain) and funded by Biodiversity Foundation (Spanish Environmental Ministry). Twenty-eight students from the CITES Management and Scientific Authorities, universities, governmental and non-governmental organizations of Argentina, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Italy, Mexico, Panama, Peru and Spain participated in the course. In addition nineteen inspectors from the Spanish Management Authority attended different sections of the Master's degree course in order to improve their training.



The course was taught by 62 professors from 14 countries. Along with the Spanish Scientific Authority (Environmental Ministry) and Management Authority (Ministry of the Economy and Finance), personnel acting as professors came from the Scientific and/or Management Authorities of Argentina, Austria, France, Mexico, the Netherlands, Paraguay, Switzerland, the United Kingdom, the United States, and Venezuela; from the CITES Secretariat; the Forensic Laboratory of the United States; the Commission of the European Union; the FAO Plant Genetic Resources Secretariat; the IUCN-World Conservation Union; African Resources Trust and Adena-WWF.

The students attended 400 hours of lectures and practical training covering all management and scientific topics necessary for the proper implementation of CITES. The practical training took place at the Botanic Garden/University of Cordoba, Barcelona Zoo, Jerez Zoo, the Customs Office of Algeciras, Cazorla Natural Park, Doñana National Park and the University of Granada. All students passed the final exam and are preparing their thesis (equivalent to 100 hours of teaching) in their respective countries. Presentation of this is compulsory in order to obtain the master's degree.

This II Master's degree course was made possible thanks to the International University that co-organized it with the University of Cordoba, and to the generous support of the Biodiversity Foundation, and the collaboration of the Spanish Environmental Ministry, the Ministry of the Economy and Finance (General Secretariat of Foreign Trade), the CITES Secretariat, Cordoba Botanic Garden, Barcelona Zoo, Jerez Zoo and the Customs Office in Algeciras.

The third Master's degree course will be held at the International University of Andalusia, in collaboration with the University of Cordoba, from 2 October - 15 December 2000.

The funding has been approved by the Biodiversity Foundation, which is chaired by the Minister of Environment. Simultaneous Spanish-English interpretation is included for the whole course since the intention is to offer the Master's degree course to a greater number of countries.

For further information:

Prof. Dr. M. Clemente, Director of the Master course, email: cr1clmum@uco.es

To book places: International University of Andalusia, machado@uniaam.uia.es

CITES TRAINING

CITES and Plants: A User's Guide

The need for standard training and teaching material for use by those involved in CITES plants issues has been identified and discussed, with the CITES Plants Committee endorsing the idea of the development of standard CITES slides sets to be available in the three official languages of the Convention.

The first, of what is hoped will be a series of sets, **CITES and Plants - A User's Guide** by Marianne Syrylak Sandison, Margarita Clemente Muñoz, Jan de Koning and Maurizio Sajevo, has been produced by the Royal Botanic Gardens, Kew (UK CITES Scientific Authority for plants) in co-operation with the Scientific Authorities of Spain, Italy, and the Netherlands. This guide is an important resource, providing an introduction to CITES and plants. The project was funded by the UK CITES Management Authority (the Department of the Environment, Transport and the Regions) and the CITES Secretariat.

The Guide includes 40 colour slides, speaker/student notes and information on aspects of CITES. Topics covered include aims, mechanisms and organisation of CITES, the main plant groups subject to CITES controls and an introduction to enforcement. The information pack is designed to be photocopied and distributed.

CITES and Plants - A User's Guide is available in English, French and Spanish.

For copies in English or French, please contact:

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Training manual on the identification of medicinal plants

Over the last few years CITES has broadened its scope to include plants traded for medicinal purposes. More than 200 medicinal plants are listed in the Appendices, about 20 of which are traded in significant numbers, such as *Panax quinquefolius*, *Saussurea costus* and *Prunus africana*.

Trade in Appendix II species requires CITES documents and these form the basis of annual reports compiled by the CITES Parties. However, there is very little trade data reported in the official CITES records on some of the plant taxa traded for their medicinal qualities, despite regular international trade at a significant level.

Identification of botanical drugs that may originate from protected species is difficult because: (i) CITES-listed species appear in trade under their trade names or their pharmaceutical names, which are often different from the accepted scientific name of the taxon; (ii) no identification manual exists for plant parts and derivatives traded for medicinal purposes.

The German Scientific Authority for plants commissioned Dr Dagmar Lange to develop a training module on CITES-listed botanical drug species. This is now in use at national German training workshops and could be used at the CITES Secretariat's training seminars. This training programme should be of great assistance to national CITES authorities in implementing the Convention.

The following products are now available from the Federal Agency for Nature Conservation, Bundesamt für Naturschutz, Konstantinstr. 110, D-53179 Bonn, Germany:

Lange, D. (1999): *Identification training for medicinal and aromatic plants covered by CITES and EU Regulation 2307/97*. Lecture script. Version 2-En. 25.5.99. - 98 pp., Federal Agency for Nature Conservation, Bonn (BfN-Skripten 11).

Lange, D. & U. Schippmann, Eds. (1999): *Checklist of medicinal and aromatic plants and their trade names covered by CITES and EU Regulation 2307/97*. Version 3.0. - 48 pp., Federal Agency for Nature Conservation, Bonn (BfN-Skripten 8).

11TH MEETING OF THE CONFERENCE OF THE PARTIES TO CITES (COP11), GIGIRI (KENYA), 10 – 20 APRIL 2000

DECISIONS

Rainsticks - amendment to Resolution Conf. 9.18 (Rev.)

Following consultation with various Parties Chile proposed the following text to be inserted:

RECOMMENDS

That Parties consider the harmonisation of their national legislation related to personal exemptions for rainsticks of Cactaceae spp. for the personal goods exemption under Article VII, paragraph 3, and consider limiting this exemption to no more than three rainsticks per person, of the species concerned.

***Guaiacum* spp.**

The Plants Committee shall undertake a review of the genus *Guaiacum* to:

- i) clarify the current taxonomy of this genus as it is most widely understood;
- ii) resolve how species within the genus may be distinguished from each other when in trade;
- iii) assess the status in the wild, status in trade and threats to the species; and

based on the results of the review, recommend the drafting of proposals for these species, to amend the appendices as appropriate.

***Aquilaria* spp.**

The Plants Committee shall continue its review of the genus *Aquilaria* to:

- a) resolve how species within the genus may be distinguished from each other when in trade, particularly when traded as agarwood;
- b) identify measures other than improved identification that might improve accurate reporting of trade in *Aquilaria malaccensis*; and
- c) determine whether additional species in the genus should be listed in Appendix II of the Convention, either due to similarity of appearance or because their biological and trade status cause them to qualify for listing in Appendix II on their own merits.

If it is determined, as a result of this review, that additional species should be listed in Appendix II, the Plants Committee shall recommend which species

should be included in Appendix II under the provisions of Article II.2.(a) and which species should be included in Appendix II under the provisions of Article II.2.(b).

Establishment of a Mahogany Working Group of the Conference of the Parties

The Parties agreed to establish a *Swietenia macrophylla* (bigleaf mahogany) Working Group which will report back to the twelfth meeting of the Conference of the Parties.

The Mahogany Working Group shall:

1. review the effectiveness of current and potential Appendix III listings;
2. analyse legal and illegal trade;
3. review studies of the status of the species;
4. encourage the exchange of information by CITES Management and Scientific Authorities on the implementation of the Convention and import/export controls;
5. study appropriate measures to widen the geographic scope of Appendix III listings;
6. assess and analyse the results of paragraphs 1 - 5 above; and
7. present a report on its findings as well as its recommendations to the twelfth meeting of the Conference of the Parties.

Biological and trade status of *Harpagophytum*

In the light of increasing international trade in the roots of Devil's Claw (*Harpagophytum* spp.), the range and importing States shall submit to the Secretariat all available information concerning the trade, management, regulatory measures and biological status of *Harpagophytum* species.

The Plants Committee shall:

- a) review such information;
- b) summarise the biological and trade status of *Harpagophytum* species subject to international trade;
- c) prepare a report on the biological and trade status of *Harpagophytum* species, at least six months prior to the twelfth meeting of the Conference of the Parties.

11TH MEETING OF THE CONFERENCE OF THE PARTIES TO CITES (COP11), GIGIRI (KENYA), 10 – 20 APRIL 2000

PLANT PROPOSALS

Proposal number/Taxa	Proposal	Proponent	COP11 Result
11.1 <i>Ceropegia</i> spp.	Delete from Appendix II	Switzerland	Accepted
11.2 <i>Frerea indica</i>	Delete from Appendix II	Switzerland	Accepted
11.3 <i>Byblis</i> spp.	Delete from Appendix II	Australia	Accepted
11.4 <i>Disocactus macdougallii</i>	Transfer from Appendix I to Appendix II	Switzerland	Accepted
11.5 <i>Sclerocactus mariposensis</i>	Transfer from Appendix I to Appendix II	Switzerland	Rejected
11.6 <i>Cephalotus follicularis</i>	Delete from Appendix II	Australia	Accepted
11.7 <i>Dudleya stolonifera</i> and <i>D. traskiae</i>	Transfer from Appendix I to Appendix II. <i>Modified to transfer D. stolonifera only.</i>	Switzerland	Accepted <i>As modified</i>
11.8 Cyatheaceae spp. and Dicksoniaceae spp.	Change the listings of Cyatheaceae spp. to <i>Cyathea</i> spp. (including <i>Aslophilia</i> , <i>Nephelea</i> , <i>Sphaeropteris</i> , and <i>Trichipteris</i>); Dicksoniaceae spp. to <i>Dicksonia</i> spp. (originating in the Americas only) and <i>Cibotium barometz</i> .	Switzerland	Accepted
11.9 <i>Shortia galacifolia</i>	Delete from Appendix II	Switzerland	Withdrawn
11.10 <i>Lewisia cotyledon</i> , <i>L. maguirei</i> and <i>L. serrata</i>	Delete from Appendix II. <i>As modified to delete L. cotyledon only.</i>	Switzerland	Accepted <i>As modified</i>
11.11 <i>Darlingtonia californica</i>	Delete from Appendix II	Switzerland	Accepted
11.53 Harmonisation of exemptions	To harmonise exemptions related to medicinal products by combining the current annotation #2 for <i>Podophyllum hexandrum</i> and <i>Rauvolfia serpentina</i> with annotation #8 for <i>Taxus wallichiana</i> in the Interpretation of Appendices I and II.	Switzerland	Accepted
11.54 <i>Panax ginseng</i>	Inclusion of roots in Appendix II. <i>Modified to include only the population of the Russian Federation. See also annotation as Cistanche deserticola.</i>	Russian Federation	Accepted <i>As modified</i>
11.55 <i>Araucaria araucana</i>	Transfer the Argentine population from Appendix II to Appendix I	Argentina	Accepted
11.56 Cactaceae spp.	Exempt up to three specimens of rainsticks (Cactaceae, <i>Echinopsis</i> and <i>Eulychnia</i>) per person from CITES controls.	Chile	Withdrawn - replaced by Decision
11.57 <i>Kalmia cuneata</i>	Delete from Appendix II	USA	Accepted
11.58 <i>Camptotheca acuminata</i>	Inclusion in Appendix II	China	Withdrawn
11.59 <i>Cistanche deserticola</i>	Inclusion in Appendix II. <i>With the annotation: "designates whole and sliced roots and parts of roots, excluding manufactured parts or derivatives such as powders, pills, extracts, tonics, teas, and confectionery".</i>	China	Accepted
11.60 <i>Harpagophytum procumbens</i> and <i>Harpagophytum zeyheri</i>	Inclusion in Appendix II	Germany	Withdrawn - replaced by Decision
11.61 <i>Adonis vernalis</i>	Inclusion in Appendix II. <i>Annotated as Proposal 11.53.</i>	Germany	Accepted <i>As modified</i>
11.62 <i>Guaiacum sanctum</i>	Transfer from Appendix II to Appendix I	USA	Withdrawn - replaced by Decision

DIARY 2000

2 October - 15 December

Third Master's Degree Course
International University of Andalusia
Antonio Machado Campus
Baeza, Jaén, Spain

7 - 9 December

Joint meeting of the
Animals and Plants
Committee
Virginia, USA

11 - 15 December

10th meeting of the CITES Plants
Committee
Virginia
USA

NEW PUBLICATIONS

Checklist of medicinal and aromatic plants and their trade names covered by CITES and EU Regulation 2307/97. Lange, D. & Schippmann, U. (1999). Bundesamt für Naturschutz, Germany. pp. 48

Lists of plant species with synonyms, trade and vernacular names.

✉ Dr Dagmar Lange
D-71642 Ludwigsburg, Germany

Fax: +49 7144 92804
Email: dagmarlange@t-online.de

CITES and Plants. A User's Guide. Sandison, M.S. et al. (1999) Royal Botanic Gardens, Kew, UK.

Information and set of 40 colour slides for professionals involved with CITES and CITES issues. Available in English, French and Spanish.

✉ Conventions and Policy Section, RBG Kew
Richmond, Surrey, TW9 3AE. UK

Fax: +44 (0)20 8332 5757
Email: M.Sandison@rbgkew.org.uk

CITES Bulb Checklist. Davis, A.P. (1999). Royal Botanic Gardens, Kew, UK. pp 131

For the genera *Cyclamen*, *Galanthus* and *Sternbergia*. All text in English, French and Spanish.

✉ Kew Enterprises, RBG Kew
Richmond, Surrey TW9 3AB. UK

Fax: +44 (0)20 8332 5161
Price: UK Sterling £10.00 + postage and packing.

CITES Cactaceae Checklist (Second Edition). Hunt, D. (1999). Royal Botanic Gardens, Kew, UK & International Organization for Succulent Plant Study (IOS). pp 315. All text in English, French & Spanish.

✉ Kew Enterprises, RBG Kew
Price: UK Sterling £13.50 + postage and packing.

Succulents II. The New Illustrated Dictionary.

Sajeva, M. and Costanzo, M. (2000). Le Lettre, Firenze, Italy. ISBN: 88-7166-473-6

Price: L. 95.000 or €49,06

Fichas de identificación de especies maderables CITES. Clemente-Muñoz, M (Ed). 2000. Edición del Servicio de Publicaciones de la Universidad de Córdoba. Cdrom (Spanish). ISBN: 84-7801-521-3. Depósito legal CO. 198/2000

✉ Dr Margarita Clemente
Email: Cr1clmum@uco.es

Conifers. Status Survey and Conservation Action Plan. Farjon, A. and Page, C.N. (compilers). 1999. IUCN/SSC Conifer Specialist Group. IUCN, Gland, Switzerland and Cambridge, UK. ix + 121 pp.

✉ IUCN Publications Services Unit
219c Huntingdon Road, Cambridge CB3 0DL. UK

Fax: +44 1223 277 175
Email: info@books.iucn.org

The Orchids of Madagascar: annotated checklist
Du Puy, D., et al. (1999). Royal Botanic Gardens, Kew, UK. pp 376 + 48 p colour plates

✉ Kew Enterprises, RBG Kew

Price: UK Sterling £49 + postage and packing.

CITES Proceedings of the Ninth Meeting of the Plants Committee, Darwin, Australia 7- 11 June 1999. pp 53 + annexes.

Produced in English, French and Spanish.

✉ CITES Secretariat

The Commercial use of Biodiversity. Access to Genetic Resources and Benefit-Sharing. Kate, K. ten & Laird S. (1999)

A sourcebook for individuals and organisations working on the Convention on Biological Diversity.

✉ Earthscan
Freepost 1
120 Pentonville Road, London, N1 9BR, UK

Fax: +44 (0)20 7278 1142
Price: UK Sterling £50.00 + postage and packing.

CITES-RELATED WEB SITES



If you would like a CITES related web site to be included in the next edition of CITES News - Plants, contact:
Jacqui Roberts, email: J.Roberts@rbgkew.org.uk

A selection of useful Web sites

General

- CITES Home Page <http://www.cites.org/>
- Conservatoire et Jardin botaniques de la Ville de Genève <http://www.cjb.unige.ch/BVAUICN/Bcites.htm>
- Córdoba Botanic Garden <http://www.uco.es/organiza/servicios/jardin>
- 'CITES News' – Plants – newsletter for the European Region <http://www.rbgkew.org.uk/herbarium/caps/cites/index.htm>

CITES Authorities

- Czech Republic Management Authority <http://www.env.cz/www/laws/cites2.nsf>
- Finland CITES Authorities <http://www.vyh.fi/luosuo/lumo/lasu/CITES/cites.htm>
- Sweden CITES Authorities <http://www.sjv.se/cites/>
- UK CITES Authorities
A joint web site which aims to provide information and updates on CITES-related matters as they pertain to the United Kingdom and its Overseas Territories. <http://www.ukcites.gov.uk/>
- UK CITES Management Authority <http://www.wildlife-countryside.detr.gov.uk/gwd/index.htm>
- UK CITES Scientific Authority for Plants <http://www.rbgkew.org.uk/herbarium/caps/index.htm>
- US Fish and Wildlife Service <http://international.fws.gov/global/CITES.html>

Legislation

- European Commission DGXI: Wildlife Trade Regulation site http://www.europa.eu.int/comm/environment/cites/home_en.htm
- WCMC EU Wildlife Trade Regulation site <http://www.wcmc.org.uk:80/species/trade/eu/>

Identification

- Maderas CITES <http://www.uco.es/organiza/servicios/jardin/CITESinicio.htm>

NGOs / others

- IUCN World Conservation Union <http://www.iucn.org>
- IUCN Species Survival Commission <http://www.iucn.org/themes/ssc/siteindx.htm>
- TRAFFIC <http://www.traffic.org/>
- WCMC World Conservation Monitoring Centre <http://www.wcmc.org.uk/programmes/>

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CITES NEWS - PLANTS

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