

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

Technical proposals for the 12th meeting of the Conference of the Parties

DEFINITIONS OF THE TECHNICAL TERMS USED IN THE ANNOTATIONS

1. This document has been prepared by the working group on annotations used for medicinal plants in Appendix II.
2. It still appears that the annotations used in CITES may result in uncertainties on whether or not certain fractions of the taxa concerned are regulated.
3. Generally speaking, annotations #1, #2, and #7 concern 'all parts and derivatives', but in one part of the explanatory text there is reference to 'all readily recognizable parts and derivatives'. Does this last point include chemical derivatives and finished pharmaceutical products?
4. If that is not the case, then a CITES permit will have to be requested for extracts from plants under annotation #1 and the pharmaceutical products containing them. This applies in particular to extracts and pharmaceutical products based on *Aloe ferox*, *Cibotium barometz* (liquid extract), *Dioscorea deltoidea* (liquid extract from the roots), *Guaiacum sanctum*, *Guaiacum officinale* (resin dissolved in alcohol) and *Prunus africana* (extract from the bark).
5. If that is the case, why are these derivatives specifically mentioned under annotation #2?
6. Still with annotation #1, does trade in essential oil and powder from *Aquilaria malaccensis* require a CITES permit?
7. Under annotation #2, there is a reference to 'chemical derivatives and finished pharmaceutical products', but some species concerned may be traded in "raw" forms, in particular tincture of *Adonis vernalis*, essential oil of *Rauvolfia serpentina* and extracts of *Taxus wallichiana*. Consequently, these elements have to be specifically excluded.
8. With regard to annotation #3, it has to be stipulated that the leaves of *Hydratis canadensis*, and the essential oil of *Nardostachys grandiflora* are excluded from regulation by CITES, while the underground parts (and not the roots) of *Cistanche deserticola* are regulated.

9. Annotation #7 specifically designates 'fruits and parts and derivatives thereof of artificially propagated plants of the genus *Vanilla*', but *Vanilla* is not on the list! This additional reference therefore does not concern the three taxa referred to, and annotation #7 is equivalent, as far as they are concerned, to annotation #2.

**The following annotations are therefore proposed:**

To replace #1 and #2

#A Designates all parts and derivatives, except:

- a) seeds, spores and pollen (including pollinia);
- b) seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers;
- c) cut flowers of artificially propagated plants; and
- d) chemical derivatives and finished pharmaceutical products including colouring matter, essential oils and vegetal extracts.

For the following taxa:

*Aloe ferox*  
*Cibotium barometz*  
*Dioscorea deltoidea*  
*Guaiaacum officinale*  
*Guaiaacum sanctum*  
*Prunus africana*  
*Adonis vernalis*  
*Podophyllum hexandrum*  
*Rauvolfia serpentina*  
*Taxus wallichiana*

#B Designates all parts and derivatives, except:

- a) seeds, spores and pollen (including pollinia);
- b) seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers;
- c) cut flowers of artificially propagated plants;
- d) chemical derivatives and finished pharmaceutical products including colouring matter, essential oils and vegetal extracts; and
- e) powdered parts of plants.

For the following taxon:

*Aquillaria malaccensis*

To replace #3

#C Designates roots and underground parts, but not aerial parts, of plants used primarily in perfumery and pharmacy, fresh or dried, whether or not cut, crushed or powdered, except:

- a) manufactured parts or derivatives such as powders, pills, extracts, tonics, teas and confectionery; and
- b) chemical derivatives and finished pharmaceutical products including colouring matter, essential oils and vegetal extracts.

For the following taxa:

*Cistanche deserticola*  
*Hydratis canadensis*  
*Nardostachys grandiflora*  
*Panax ginseng*  
*Panax quinquefolius*  
*Picrorhiza kurrooa*

To replace #7

#E Designates all parts and derivatives, except:

- a) seeds, spores and pollen (including pollinia);
- b) seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers;
- c) cut flowers of artificially propagated plants.

For the following taxa:

*Bletilla striata*  
*Dendrobium* spp.  
*Gastrodia elata*



CITES wording	Annotation no.	Nomenclature in the Customs system:	Fraction excluded from CITES control for:	Fraction regulated by CITES for:	Choice:	Notes:
- Seeds, spores and pollen (including pollinia)	#1, #2, #7	- Seeds of herbaceous plants cultivated principally for their flowers (II 1209.30). Pollen is not specifically designated	<i>Aloe, Aquilaria, Cibotium, Dioscorea, Guaiacum, Prunus, Adonis, Podophyllum, Rauvolfia, Taxus, Bletilla, Dendrobium, Gastrodia</i>		CITES	- Pollen is not mentioned in HS
- Seedling or tissue cultures obtained <i>in vitro</i> , in solid or liquid media, transported in sterile containers	#1, #2, #7	Pollen is not specifically designated	<i>Aloe, Aquilaria, Cibotium, Dioscorea, Guaiacum, Prunus, Adonis, Podophyllum, Rauvolfia, Taxus, Bletilla, Dendrobium, Gastrodia</i>		CITES	
- Cut flowers of artificially propagated plants	#1, #2, #7	- Cut flowers and flower buds of a kind suitable for bouquets or for ornamental purposes, fresh (II 0603.10)	<i>Aloe, Aquilaria, Cibotium, Dioscorea, Guaiacum, Prunus, Adonis, Podophyllum, Rauvolfia, Taxus, Bletilla, Dendrobium, Gastrodia</i>		CITES	
- Chemical derivatives	#2	- Pharmaceutical products (VI 30) tanning or dyeing extracts (VI 32), essential oils and resinoids (VI 33)	<i>Adonis, Podophyllum, Rauvolfia, Taxus</i>		HS, VI 30 only (1)	- See in HS : II 1404.10
- Finished pharmaceutical products	#2	- Pharmaceutical products, medicaments consisting of two or more constituents which have been mixed together (VI 3004 and VI 3003)	<i>Adonis, Podophyllum, Rauvolfia, Taxus</i>		HS	
- Whole and sliced roots and parts of roots	#3	- Plants and parts of plants (including seeds and fruits), of a kind used primarily in perfumery and pharmacy or for insecticidal, fungicidal or similar purposes, fresh or dried, whether or not cut, crushed or powdered		<i>Cistanche, Hydratis, Nardostachys, Panax, Picrorhiza</i>	HS (2)	

CITES wording	Annotation no.	Nomenclature in the Customs system:	Fraction excluded from CITES control for:	Fraction regulated by CITES for:	Choice:	Notes:
		(II 1211), <i>Ginseng panax</i> (II 1211 20 00), other (II 1211 90 95)				
- Manufactured parts or derivatives such as powders, pills, extracts, tonics, teas and confectionery	#3	Not specifically designated	<i>Cistanche, Hydratis, Nardostachys, Panax, Picrorhiza</i>		CITES	
- wood-chips and unprocessed broken material	#6	- Plants and parts of plants (including seeds and fruits), of a kind used primarily in perfumery and pharmacy or for insecticidal, fungicidal or similar purposes, fresh or dried, whether or not cut, crushed or powdered (II 1211), other (II 1211 90 95)		<i>Pterocarpus</i>	HS (3)	
- Fruits and parts and derivatives thereof of artificially propagated plants of the genus <i>Vanilla</i>	#7	Not specifically designated	<i>Bletilla, Dendrobium, Gastrodia</i>		CITES	