

### BOTANIC GARDENS CONSERVATION INTERNATIONAL



## **Transport of Flora**

Carly Cowell/ 21 March 2024



• All orchids are included in CITES.

## **ORCHID SPECIES** t

• Many are taken from the wild and traded illegally.

# **CITES CACTI**

- All Cacti are listed on CITES
- Highly prized by collectors, some species found in very restricted habitats, are seriously threatened by illegal collection

# Why is PCR important for live plant transport?



**Figure 1.** Taxonomic breakdown of CITES Appendices I and II, showing the large proportion of orchids in the total number of species listed by the Convention. Adapted from original in Hinsley (2016) using updated data from UNEP-WCMC (2015). Vector images courtesy of the Integration and Application Network, University of Maryland Center for Environmental Science (ian.umces.edu/symbols/).

### **Transport of live plants**

- PCR ensures houseplants and cut flowers are handled and transported appropriately to maintain shipment integrity.
- Need to be handled expeditiously as certain plant specimens will easy die or degrade.
- Packaging needs to have airflow-Plants breath too!
- Plants need to be cleared packed and marked/ labelled, this not only helps with permit inspections but also health and safety.
- Phytosanitary certificates can be used in place of CITES permits but are only valid for a limited period, check your time for this it may not be the usual CITES times you are used to (SC77 Doc. 61). Paragraph 5 of Article VII.
- Permits and all paperwork needs to be clearly visible and available.











#### When in flower, orchid species often look very different!

## **Plant Taxonomy**

DISTRIBUTION

MG

BR

RR

MX

PH

PH

ID

m

CN, KH, LA, TH, VN

MM(?), MY, TH, VN



)
MWWard (1976)
M.W.Wood (1976)
her (1983) car. anitum (Golamco) Koop. (2000 C. cynthiae Cootes & M.Leon (2015) amco (1998)
ro (2017)
vestro (2017)
n (Gower) Rolfe (1896) wer) Rolfe (1912) m Gower (1893)

5

Plants often have many • synonyms (names).

- **CITES** Checklists •
- Plants of the World Online • (POWO) is useful resource to check for ACCEPTED

#### names.

Species+ uses CITES . accepted names.

### Definition of "Artificially Propagated"

### Res. Conf. 11.11 (Rev. CoP18)

Applies to all three appendices. Includes criteria on:





- Qualities of the "cultivated parental stock"
- Legal origin
- Minimal augmentation from wild populations.
- Propagation methods and the generations in trade (F1, F2 etc...).





<sup>2</sup> x 1 Bulb Pleione praecox VERY RARE Ground Orchid hulb from Thailand









### Enforcement Challenges

- Difficulty in identifying species.
- Scale of postal trade makes routine monitoring impossible.
- Determining artificial propagation to wild harvested plants.
- Plants don't move!



## Plant and Human Safety













## **Biosecurity**

## The International Plant Protection Convention (IPPC)

This is the intergovernmental treaty that aims to protect the world's plants, agricultural products and natural resources from plant pests. Ratified by 185 contracting parties, the IPPC develops, adopts and promotes the application of International Phytosanitary Measures (ISPMs) as the main tool to safeguard global food security, facilitate safe trade and protect the environment. <u>https://www.ippc.int/en/</u>



Adopted Standards

CPM Recommendations

National Reporting Obligations (NROs)

## The CITES Register of Scientific Institutions

- Under CITES there is a free label scheme that allows movement of CITES material for scientific purposes only between scientific institutions that are registered with CITES.
- If exchanging CITES material between registered institutions: A FREE LABEL SCHEME CAN BE USED.
- If exchanging CITES material with an institution that is not registered: FULL CITES PERMITS ARE REQUIRED. This includes live plants and herbarium specimens



## **Registered Plant Nurseries**



**Orchid nursery** 

#### **Registration Guidelines: Res. Conf. 9.19 (Rev. CoP15)**



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#### Register of operations that artificially propagate specimens of Appendix-I species

Register of operations that artificially propagate specimens
of Appendix-I species for commercial purposes
[see Resolution Conf. 9.19 (Rev. CoP15)]
Abbreviations • T = telephone
• F = fax





## **Orchid Hybrid Exemptions**

- Cymbidium, Dendrobium,
  Phalaenopsis, Vanda
- HYBRIDS may be exempt from CITES permits
- Special conditions apply See full note.



### # Annotations

EGAL	NAMES	DISTRIBUTION	REFERENCES	DOCUMENTS	
ITES Listing	CITES Quotas	CITES Suspensions	EU Listing	EU Decisions	
ITES					
ITES LISTING					
PPENDIX	COUNTRY DA	TE NOTES			
		[FAMILY lis	ting Orchidaceae spp.]		
	26	/11/2019 CoP18 #4		ofix I	
		See full note			
halaer	nopsis am	abilis			
Blume	COP18 #4				

c) cut flowers of artificially propagated plants;

(Cactaceae); and

retail trade.

CITES

**CITES LISTING** 

APPENDIX

d) fruits, and parts and derivatives thereof, of naturalized or artificially propagated

f) finished products of Aloe ferox and Euphorbia antisyphilitica packaged and ready for

plants of the genus Vanilla (Orchidaceae) and of the family Cactaceae; e) stems, flowers, and parts and derivatives thereof, of naturalized or artificially

propagated plants of the genera Opuntia subgenus Opuntia and Selenicereus

#### **Uwe Schippmann**

#### Plant # Annotations in the CITES Appendices

- An Illustrated Manual -

Version 3.0 - CoP 18





BfN-Skripten 572

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## Thank you

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