

Entirely CITES-listed plant families and genera with species numbers

Version of the CITES Appendices as of CoP19, 2022, last published 23.2.2023

The species number for the higher taxon listings were primarily taken from the official standard references listed in Res. Conf. 12.11 (Rev.CoP18). For some plant groups up-to-date figures were used from other reliable taxonomic references.

Species = Number of taxa on SPECIES LEVEL in the higher taxon listed in the Appendix.

RegSpe = Number of regulated SPECIES in a higher taxon. Sometimes lower than the species figure because of unlisted species (e.g. Euphorbia) or some species listed in Appendix I (e.g. Cactaceae).

Taxa = Numbers of TAXA including infraspecific levels (e.g. subspecies); RegTaxa = Number of such taxa regulated by CITES.

Figures for Taxa and RegTaxa are presented in small print only when they differ from the species level numbers.

App = Appendix, Ann = Annotation, FN = Footnote

App	Ann	FN	Taxon as listed	RegTaxa	Taxa	RegSpe	Species	Literature Reference	Remark	Remark
AIZOACEAE										
III			Conophytum spp. (South Africa)			86	86	Mabberley, D.J. (2017): The plant-book. 4th edition. Cambridge University Press, Cambridge.		
AMARYLLIDACEAE										
II	#4		Galanthus spp.	27	27	20	20	Davis, A.P., McGough, H.N., Mathew, B. & Grey-Wilson, C. (1999): CITES bulb checklist for the genera Cyclamen, Galanthus and Sternbergia. Royal Botanic Gardens, Kew.		
II	#4		Sternbergia spp.			9	9	Davis, A.P., McGough, H.N., Mathew, B. & Grey-Wilson, C. (1999): CITES bulb checklist for the genera Cyclamen, Galanthus and Sternbergia. Royal Botanic Gardens, Kew.		
APOCYNACEAE										
II	#9		Hoodia spp.	16	16	12	12	Germishuizen, G. & Meyer, N.L. (2003): Plants of Southern Africa. An annotated checklist. Strelitzia 14: 1-1231.		
II	#4		Pachypodium spp. (Except the species included in Appendix I)	23	26	17	20	Lüthy, J.M. (2001): An update and supplement to the CITES Aloe & Pachypodium checklist. CITES Management Authority of Switzerland, Bern. Retrieved from https://cites.org/sites/default/files/common/com/nc/tax_ref/aloe_pachypodium.pdf , viewed: 29.03.2022.		subtraction: App I = 3 taxa / 3 species
ASPARAGACEAE										
II			Beaucarnea spp.			11	11	Mexico (2016): CITES Proposal. Incluir al género Beaucarnea (Lemaire, 1861) en el Apéndice II de la CITES.		
BIGNONIACEAE										
II	#17		Handroanthus spp. <Entry into effect delayed by 24 months, i.e. until 25 November 2024>			35	35	Colombia, European Union & Panama (2022): CITES proposal. Inclusion of the three genera Handroanthus, Roseodendron and Tabebuia in CITES Appendix II. – Retrieved from https://cites.org/sites/default/files/documents/E-CoP19-Prop-44.pdf , viewed: 12.02.2023.		
II	#17		Roseodendron spp. <Entry into effect delayed by 24 months, i.e. until 25 November 2024>			2	2	Colombia, European Union & Panama (2022): CITES proposal. Inclusion of the three genera Handroanthus, Roseodendron and Tabebuia in CITES Appendix II. – Retrieved from https://cites.org/sites/default/files/documents/E-CoP19-Prop-44.pdf , viewed: 12.02.2023.		
II	#17		Tabebuia spp. <Entry into effect delayed by 24 months, i.e. until 25 November 2024>			76	76	Colombia, European Union & Panama (2022): CITES proposal. Inclusion of the three genera Handroanthus, Roseodendron and Tabebuia in CITES Appendix II. – Retrieved from https://cites.org/sites/default/files/documents/E-CoP19-Prop-44.pdf , viewed: 12.02.2023.		

CACTACEAE

App	Ann	FN	Taxon as listed	RegTaxa	Taxa	RegSpe	Species	Literature Reference	Remark	Remark
II	#4	P1	CACTACEAE spp.	1.819	1.947	1.452	1.553	Hunt, D. (2016): CITES Cactaceae Checklist. 3rd edition. Royal Botanic Gardens Kew, sine loco. Retrieved from https://www.kew.org/sites/default/files/2019-02/CITES%20Cactaceae%20Checklist%20Third%20Edition.pdf , viewed: 29.03.2022.		
			(Except the species included in Appendix I and Pereskia spp., Peresklopsis spp. and Quiabentia spp. which are not included in the Appendices)						subtraction: 128 taxa / 101 species: App I = 102 taxa/76 species (33/33; Ari 8/7, Dis 13/12, Pel 2/2, Str 3/2, Tur 37/17, Ueb 6/3); excluded: 26 taxa/25 species (Pereskia=18/17, Peresklopsis=6/6, Quiabentia=2/2)	
I			Ariocarpus spp.	8	8	7	7	Hunt, D. (2016): CITES Cactaceae Checklist. 3rd edition. Royal Botanic Gardens Kew, sine loco. Retrieved from https://www.kew.org/sites/default/files/2019-02/CITES%20Cactaceae%20Checklist%20Third%20Edition.pdf , viewed: 29.03.2022.		
I			Discocactus spp.	13	13	12	12	Hunt, D. (2016): CITES Cactaceae Checklist. 3rd edition. Royal Botanic Gardens Kew, sine loco. Retrieved from https://www.kew.org/sites/default/files/2019-02/CITES%20Cactaceae%20Checklist%20Third%20Edition.pdf , viewed: 29.03.2022.		
I			Pelecyphora spp.			2	2	Hunt, D. (2016): CITES Cactaceae Checklist. 3rd edition. Royal Botanic Gardens Kew, sine loco. Retrieved from https://www.kew.org/sites/default/files/2019-02/CITES%20Cactaceae%20Checklist%20Third%20Edition.pdf , viewed: 29.03.2022.		
I			Strombocactus spp.	3	3	2	2	Hunt, D. (2016): CITES Cactaceae Checklist. 3rd edition. Royal Botanic Gardens Kew, sine loco. Retrieved from https://www.kew.org/sites/default/files/2019-02/CITES%20Cactaceae%20Checklist%20Third%20Edition.pdf , viewed: 29.03.2022.		
I			Turbinicarpus spp.	37	37	17	17	Hunt, D. (2016): CITES Cactaceae Checklist. 3rd edition. Royal Botanic Gardens Kew, sine loco. Retrieved from https://www.kew.org/sites/default/files/2019-02/CITES%20Cactaceae%20Checklist%20Third%20Edition.pdf , viewed: 29.03.2022.		
I			Uebelmannia spp.	6	6	3	3	Hunt, D. (2016): CITES Cactaceae Checklist. 3rd edition. Royal Botanic Gardens Kew, sine loco. Retrieved from https://www.kew.org/sites/default/files/2019-02/CITES%20Cactaceae%20Checklist%20Third%20Edition.pdf , viewed: 29.03.2022.		

CRASSULACEAE

II	#2		Rhodiola spp.	72	72	58	58	China, European Union, Ukraine, United Kingdom of Great Britain and Northern Ireland & United States of America (2022): CITES proposal. To include <i>Rhodiola rosea</i> and <i>Rhodiola crenulata</i> in CITES Appendix II [...]. To include all other species of the genus <i>Rhodiola</i> in CITES Appendix II, because of their similarity to the mainly traded species. – Retrieved from https://cites.org/sites/default/files/documents/E-CoP19-Prop-45.pdf , viewed: 12.02.2023.		
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CYATHEACEAE

II	#4		Cyathea spp.			650	650	Mabberley, D.J. (2017): The plant-book. 4th edition. Cambridge University Press, Cambridge.		Mabberley speaks of "species"
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CYCADACEAE

II	#4		CYCADACEAE spp.	109	110	106	107	Osborne, R., Calonje, M.A., Hill, K.D., Stanberg, L. & Stevenson, D.W. (2013): The World List of Cycads. CITES and Cycads. Checklist 2013. In: Rutherford, C., Donaldson, J., Hudson, A., McGough, H.N., Sajeva, M. Schippmann, U. & Tse-Laurence, M. (ed.): CITES and cycads. A user's guide. pp. 63-114. - Kew Publishing, Kew.		subtraction: App I = 1 species
			(Except the species included in Appendix I)							

DICKSONIACEAE

App	Ann	FN	Taxon as listed	RegTaxa	Taxa	RegSpe	Species	Literature Reference	Remark	Remark
II	#4		Dicksonia spp.			4	20	Lobin, W. (2002): List of the American Dicksonia species. Prepared for the Scientific Authority of Germany. PC12 Doc. 14.3. – Retrieved from https://cites.org/sites/default/files/eng/com/pc/12/E-PC12-14-03.pdf .		
			(Only the populations of the Americas; no other population is included in the Appendices)							
DIDIEREACEAE										
II	#4		DIDIEREACEAE spp.			20	20	Mabberley, D.J. (2017): The plant-book. 4th edition. Cambridge University Press, Cambridge.		Mabberley speaks of "species"
EBENACEAE										
II	#5		Diospyros spp.			85	85	Schatz, G.E. & Lowry, P.P. (2016): The genus Diospyros in Madagascar. A preliminary checklist for CITES Parties. Sourced from the Catalogue of the Vascular Plants of Madagascar. Missouri Botanical Garden, St.Louis. Retrieved from http://www.tropicos.org/docs/MadCat/Diospyros%20checklist%2028.03.2016.pdf , viewed: 07.01.2020.		
			(Only the populations of Madagascar; no other population is included in the Appendices)							
EUPHORBIACEAE										
II	#4	P2	Euphorbia spp.	738	748	686	696	Carter, S. & Eggl, U. (2003): The CITES checklist of succulent Euphorbia taxa (Euphorbiaceae). 2nd edition. Federal Agency for Nature Conservation, Bonn.		subtraction: App I = 10 taxa / 10 species
			(Succulent species only, except the species included in Appendix I and Euphorbia misera which is not included in the Appendices)							
LEGUMINOSAE (FABACEAE)										
II	#17		Afzelia spp.			7	7	Benin, Côte d'Ivoire, European Union, Liberia & Senegal (2022): CITES proposal. Inclusion of all African populations of Afzelia africana, A. bipindensis, A. pachyloba and A. quanzensis in Appendix II, [...] and [...] all other African populations of the genus Afzelia in Appendix II. – Retrieved from https://cites.org/sites/default/files/documents/ECOP19-Prop-46.pdf , viewed: 12.02.2023.		
			(Only the African populations; no other population is included in the Appendices)							
II	#15		Dalbergia spp.			289	290	UNEP-WCMC (2018): Maintenance of the Appendices. Plant nomenclature. PC24 Inf. 15. Retrieved from https://cites.org/sites/default/files/eng/com/PC/24/Inf/E-PC24-Inf-15.pdf , viewed: 16.05.2022.		subtraction: App I = 1 species
			(Except the species included in Appendix I)							
II	#17		Dipteryx spp.			14	14	Carvalho, C.S., de Fraga, N.C., Cardoso, D.B.O.S. & Lima, H.C. (2020): Tonka, baru and cumaru: Nomenclatural overview, typification and updated checklist of Dipteryx (Leguminosae). – Taxon 69(3): 582-592.		
			<Entry into effect delayed by 24 months, i.e. until 25 November 2024>							
II	#17		Pterocarpus spp.	27	27	24	24	Royal Botanical Gardens Kew (2022): Pterocarpus. World Checklist of Selected Plant Families. Plants of the World Online. – Retrieved from https://cites.org/sites/default/files/common/docs/Res/12_11/Pterocarpus_POWO_19-1-2023.pdf , viewed: 12.02.2023.		
			(Except Pterocarpus santalinus which is included in Appendix II with annotation #7; only the African populations; no other population is included in the Appendices)							
LILIACEAE										

App	Ann	FN	Taxon as listed	RegTaxa	Taxa	RegSpe	Species	Literature Reference	Remark	Remark
II	#4		Aloe spp.	523	544	468	489	Eggl, U. (ed.), Newton, L.E. & Rowley, G.D. (2001): CITES Aloe and Pachypodium checklist. Royal Botanic Gardens, Kew.		
			(Except the species included in Appendix I and Aloe vera, also referenced as Aloe barbadensis, which is not included in the Appendices)						subtraction: App I = 21 taxa / 21 species	
MELIACEAE										
II	#6		Cedrela spp.			17	17	Ecuador & Brazil (2019): CITES Proposal. Inclusion of Cedrela spp. in Appendix II of the Convention.		
			(Only the populations of the Neotropics; no other population is included in the Appendices)							
II	#17		Khaya spp.			8	8	Royal Botanical Gardens Kew (2022): Khaya. World Checklist of Selected Plant Families. Plants of the World Online. – Retrieved from https://cites.org/sites/default/files/common/docs/Res/12_11/Khaya_POWO_19-1-2023.pdf , viewed: 12.02.2023.		
			(Only the African populations; no other population is included in the Appendices)							
NEPENTHACEAE										
II	#4		Nepenthes spp.			107	109	Arx, B. von, Schlauer, J. & Groves, M. (ed.) (2001): CITES carnivorous plant checklist. For the genera Dionaea, Nepenthes and Sarracenia. Royal Botanic Gardens, Kew.		
			(Except the species included in Appendix I)						subtraction: App I = 2 taxa / 2 species	
ORCHIDACEAE										
II	#4	P3	ORCHIDACEAE spp.	28.285		28.310	28.484	Anon. (2017): World checklist of selected plant families. Families included in the checklist. Nr of species on 01/01/2017. Royal Botanic Gardens, Kew. Retrieved from https://wcsp.science.kew.org/incfamilies.do , viewed: 10.01.2020.		
			(Except the species included in Appendix I)						subtraction: App I = 199 taxa / 174 species (single 7/7, Paph 160/140, Phrag 32/27)	
									WCS speaks of "species"	
I		P4	Paphiopedilum spp.	160	160	140	140	Govaerts, R., Caromel, A., Dhanda, S., Davis, F., Pavitt, A., Sinovas, P., & Vaglica, V. (2019): CITES Appendix I orchid checklist. For the genera Paphiopedilum and Phragmipedium and the species Aerangis ellisii, Cattleya jongheana, Cattleya lobata, Dendrobium cruentum, Mexipedium xerophyticum, Peristeria elata and Renanthera imschootiana.2nd version. . . Retrieved from https://www.kew.org/sites/default/files/2019-08/CITES%20Appendix%20I%20Orchid%20checklist%20-%20Second%20version_12.07.2019.pdf , viewed: 08.01.2020.		
I		P4	Phragmipedium spp.	32	32	27	27	Govaerts, R., Caromel, A., Dhanda, S., Davis, F., Pavitt, A., Sinovas, P., & Vaglica, V. (2019): CITES Appendix I orchid checklist. For the genera Paphiopedilum and Phragmipedium and the species Aerangis ellisii, Cattleya jongheana, Cattleya lobata, Dendrobium cruentum, Mexipedium xerophyticum, Peristeria elata and Renanthera imschootiana.2nd version. . . Retrieved from https://www.kew.org/sites/default/files/2019-08/CITES%20Appendix%20I%20Orchid%20checklist%20-%20Second%20version_12.07.2019.pdf , viewed: 08.01.2020.		
PORTULACACEAE										
II	#4		Anacampseros spp.			14	14	Rowley, G. (1995): Anacampseros, Avonia, Grahamia. A grower's handbook. British Cactus and Succulent Society, sine loco.		
II	#4		Avonia spp.			10	10	Rowley, G. (1995): Anacampseros, Avonia, Grahamia. A grower's handbook. British Cactus and Succulent Society, sine loco.		
PRIMULACEAE										
II	#4	11	Cyclamen spp.	65	65	28	28	Davis, A.P., McGough, H.N., Mathew, B. & Grey-Wilson, C. (1999): CITES bulb checklist for the genera Cyclamen, Galanthus and Sternbergia. Royal Botanic Gardens, Kew.		
SARRACENIACEAE										

App	Ann	FN	Taxon as listed	RegTaxa	Taxa	RegSpe	Species	Literature Reference	Remark	Remark
II	#4		Sarracenia spp.	38	41	24	26	Arx, B. von, Schlauer, J. & Groves, M. (ed.) (2001): CITES carnivorous plant checklist. For the genera Dionaea, Nepenthes and Sarracenia. Royal Botanic Gardens, Kew.		
			(Except the species included in Appendix I)						subtraction: App I = 3 taxa / 2 species	
STANGERIACEAE										
II	#4		Bowenia spp.			2	2	Osborne, R., Calonje, M.A., Hill, K.D., Stanberg, L. & Stevenson, D.W. (2013): The World List of Cycads. CITES and Cycads. Checklist 2013. In: Rutherford, C., Donaldson, J., Hudson, A., McGough, H.N., Sajeva, M. Schippmann, U. & Tse-Laurence, M. (ed.): CITES and cycads. A user's guide. pp. 63-114. - Kew Publishing, Kew.		
THYMELAEACEAE (Aquilariaceae)										
II	#14		Aquilaria spp.			29	29	UNEP-WCMC (s.dat.): Species+. Retrieved from http://www.speciesplus.net/ , viewed: 21.11.2014.		
II	#4		Gonystylus spp.			25	25	Mabberley, D.J. (2017): The plant-book. 4th edition. Cambridge University Press, Cambridge.		
									Mabberley speaks of "species"	
II	#14		Gyrinops spp.			8	8	UNEP-WCMC (s.dat.): Species+. Retrieved from http://www.speciesplus.net/ , viewed: 21.11.2014.		
ZAMIACEAE										
II	#4		ZAMIACEAE spp.			131	225	Osborne, R., Calonje, M.A., Hill, K.D., Stanberg, L. & Stevenson, D.W. (2013): The World List of Cycads. CITES and Cycads. Checklist 2013. In: Rutherford, C., Donaldson, J., Hudson, A., McGough, H.N., Sajeva, M. Schippmann, U. & Tse-Laurence, M. (ed.): CITES and cycads. A user's guide. pp. 63-114. - Kew Publishing, Kew.		
			(Except the species included in Appendix I)						subtraction: App I = 94 taxa / 94 species (2/2 single, Ceratozamia 27/27, Encephalartos 65/65)	
I			Ceratozamia spp.			27	27	Osborne, R., Calonje, M.A., Hill, K.D., Stanberg, L. & Stevenson, D.W. (2013): The World List of Cycads. CITES and Cycads. Checklist 2013. In: Rutherford, C., Donaldson, J., Hudson, A., McGough, H.N., Sajeva, M. Schippmann, U. & Tse-Laurence, M. (ed.): CITES and cycads. A user's guide. pp. 63-114. - Kew Publishing, Kew.		
I			Encephalartos spp.			65	65	Osborne, R., Calonje, M.A., Hill, K.D., Stanberg, L. & Stevenson, D.W. (2013): The World List of Cycads. CITES and Cycads. Checklist 2013. In: Rutherford, C., Donaldson, J., Hudson, A., McGough, H.N., Sajeva, M. Schippmann, U. & Tse-Laurence, M. (ed.): CITES and cycads. A user's guide. pp. 63-114. - Kew Publishing, Kew.		
ZYGOPHYLLACEAE										
II	#2		Guaiacum spp.			5	5	Davila Aranda, P. & Schippmann, U. (2006): Lista de especies, nomenclatura y distribución en el genero Guaiacum. Medicinal Plant Conservation 12: 50. Retrieved from https://www.iucn.org/sites/dev/files/import/downloads/mpc12.pdf , viewed: 29.03.2022.		