

Airmid Institute Biannual List of Threatened, Near Threatened, and CITES-Protected Plants, Mammals, Fungi, and Seaweed Species Used in Aromatherapy, Perfumery, and Aromatic Herbalism (July 1, 2022 – December 31, 2022)

GLOBAL

Fraser fir	<i>Abies fraseri</i>	Global	Endangered	2011
Himalayan fir needle	<i>Abies spectabilis</i>	Global	Near Threatened	2010
Chinese rice flower	<i>Aglaia odorata</i>	Global	Near Threatened	2010
Angelica (Himalayan)	<i>Angelica glauca</i>	Global	Endangered	2014
Rosewood	<i>Aniba rosaeodora</i>	Global	*Endangered	2021
Agarwood	<i>Aquilaria malaccensis</i>	Global	*Critically Endangered	2018
Agarwood	<i>Aquilaria rostrata</i>	Global	*Critically Endangered	2017
Agarwood	<i>Aquilaria sinensis</i>	Global	Vulnerable	2018
Frankincense	<i>Boswellia carteri</i>	Global	Vulnerable	<i>in progress</i>
Frankincense	<i>Boswellia carteri</i>	Global	Near Threatened	1998
Frankincense	<i>Boswellia frereana</i>	Global	Vulnerable	<i>in progress</i>
Frankincense	<i>Boswellia occulta</i>	Global	Endangered	<i>in progress</i>
Frankincense	<i>Boswellia papyrifera</i>	Global	Vulnerable	<i>in progress</i>
Frankincense	<i>Boswellia sacra</i>	Global	Vulnerable	<i>in progress</i>
Frankincense	<i>Boswellia sacra</i>	Global	Near Threatened	1998
Muhuhu	<i>Brachylaena huillensis</i>	Global	Near Threatened	1998
Linaloe	<i>Bursera aloexylon</i>	Global	Vulnerable	2019
Taiwan incense cedar	<i>Calocedrus formosana</i>	Global	Endangered	2010
Elemi (Piling-liitan)	<i>Canarium luzonicum</i>	Global	Near Threatened	2019
Cedrela (Spanish cedar)	<i>Cedrela odorata</i>	Global	*Vulnerable	2017
Atlas cedarwood	<i>Cedrus atlantica</i>	Global	Endangered	2013

Cedar of Lebanon	<i>Cedrus libani</i>	Global	Vulnerable	2011
Taiwan cypress	<i>Chamaecyparis formosensis</i>	Global	Endangered	2010
Siam Wood/Fujian cypress	<i>Chamaecyparis hodginsii</i>	Global	Vulnerable	2010
Port Orford cedarwood	<i>Chamaecyparis lawsoniana</i>	Global	Near Threatened	2011
Hinoki cypress	<i>Chamaecyparis obtusa</i> ; <i>C. obtusa</i> var. <i>obtusa</i>	Global	Near Threatened	2011; 2010
Lawang	<i>Cinnamomum culilaban</i>	Global	Endangered	2020
Coffee	<i>Coffea arabica</i>	Global	Endangered	2018
Sweet myrrh	<i>Commiphora guidotti</i>	Global	Vulnerable	2018
Guggul (Common myrrh)	<i>Commiphora wightii</i>	Global	Critically Endangered	2014
Massoi	<i>Cryptocarya massoy</i>	Global	Near Threatened	2019
Japanese cedar	<i>Cryptomeria japonica</i>	Global	Near Threatened	2010
Gurjum	<i>Dipterocarpus turbinatus</i>	Global	Vulnerable	2017
Borneo camphor	<i>Dryobalanops aromatica</i>	Global	Vulnerable	2017
Eucalyptus (Red river gum)	<i>Eucalyptus camaldulensis</i>	Global	Near Threatened	2019
Camden woollybutt	<i>Eucalyptus macarthurii</i>	Global	Vulnerable	2019
Eucalyptus (Narrow-leaved peppermint)	<i>Eucalyptus radiata</i>	Global	Near Threatened	2019
Guaiacwood	<i>Gonopterodendron sarmientoi</i>	Global	*Endangered	2017
Common name	Latin name	Location	Conservation status; CITES*	Year Assessed
Macadamia	<i>Macadamia integrifolia</i>	Global	Vulnerable	2019
Macadamia	<i>Macadamia ternifolia</i>	Global	Endangered	2019
Spikenard	<i>Nardostachys jatamansi</i> syn: <i>N. grandiflora</i>	Global	*Critically Endangered	2020
Araucaria	<i>Neocallitropsis pancheri</i>	Global	Endangered	2009
Brazilian Sassafras	<i>Ocotea pretiosa</i>	Global	Vulnerable	1998
Phoebe	<i>Oreodaphne porosa</i>	Global	Vulnerable	1998
Serbian spruce	<i>Picea omorika</i>	Global	Endangered	2016

Ravensara	<i>Ravensara aromatica</i>	Global	Near Threatened	2020
Sandalwood	<i>Santalum freycinetianum</i>	Global	Endangered	2016
Sandalwood (East Indian)	<i>Santalum album</i>	Global	Vulnerable	2018
Sandalwood (New Caledonia)	<i>Santalum austrocaledonicum</i>	Global	Near Threatened	2020
Sandalwood (Mountain)	<i>Santalum paniculatum</i>	Global	Vulnerable	2017
Sandalwood (Western Australian)	<i>Santalum spicatum</i>	Global	Vulnerable	2021
Costus	<i>Saussurea costus</i>	Global	*Critically Endangered	2014
Oriental arborvitae	<i>Thuja orientalis</i>	Global	Near Threatened	2011
Hemlock spruce	<i>Tsuga canadensis</i>	Global	Near Threatened	2011
Vanilla	<i>Vanilla planifolia</i>	Global	*+Endangered	2017
Baboonwood	<i>Viola surinamensis</i>	Global	Endangered	1998
Shea	<i>Vitellaria paradoxa</i>	Global	Vulnerable	1998

REGIONAL & NATIONAL

Common name	Latin name	Location	Conservation status; CITES*	Year Assessed
Ambrette seed	<i>Abelmoschus moschatus</i>	Sri Lanka	Near Threatened	2012
Calamus	<i>Acorus calamus</i>	India (Kerala)	Endangered	2000
Calamus	<i>Acorus calamus</i>	India (Tamil Nadu); Switzerland; Mongolia	Vulnerable	2000; 2002; 2011
Calamus	<i>Acorus calmus</i>	Norway	Near Threatened	2006
Calamus	<i>Acorus calmus</i>	Hungary	Near Threatened	2007
Aloe	<i>Aloe vera</i>	Malta	Vulnerable	1989
Wormwood	<i>Artemisia absinthium</i>	Ireland	Vulnerable	2016

Frankincense	<i>Boswellia serrata</i>	Sri Lanka; India	Critically Endangered	2012; 2015
Cistus	<i>Cistus ladanifer</i>	France (continental)	Near Threatened	2019
Coconut	<i>Cocos nucifera</i>	Colombia	Near Threatened	2005
Saffron	<i>Crocus sativus</i>	Switzerland	Vulnerable	2002
Cardamom	<i>Elettaria cardamomum</i>	Sri Lanka	Vulnerable	2012
Hyssop	<i>Hyssopus officinalis</i>	Norway	Vulnerable	2013
Shikimi	<i>Illicium anisatum</i>	South Korea	Near Threatened	2012
Elecampane	<i>Inula helenium</i>	United Kingdom	Near Threatened	2014
Juniper berry	<i>Juniperus communis</i>	Albania	Vulnerable	2013
Juniper berry	<i>Juniperus communis</i>	United Kingdom	Near Threatened	2014
Linseed (Flax)	<i>Linum usitatissimum</i>	Switzerland	Endangered	2002
Honeysuckle	<i>Lonicera caprifolium</i>	Switzerland	Near Threatened	2002
Black cumin	<i>Nigella sativa</i>	Croatia	Near Threatened	2007
Brazilian Sassafras	<i>Ocotea pretiosa</i>	Brazil	Endangered	2013
Moroccan oregano	<i>Origanum compactum</i>	Spain	Vulnerable	2008
Oregano	<i>Origanum vulgare</i>	Albania	Endangered	2013
Spruce (Norway)	<i>Picea abies</i>	Albania	Critically Endangered	2013
Black pepper	<i>Piper nigrum</i>	Southern India	Near Threatened	2000
Sweet almond	<i>Prunus dulcis</i>	Switzerland	Vulnerable	2002
Rose root**	<i>Rhodiola rosea</i>	Bulgaria; Czech Republic	Critically Endangered	2011; 2012
Rose root**	<i>Rhodiola rosea</i>	Mongolia	Vulnerable	2011
White Sage	<i>Salvia apiana</i>	USA	At-risk/To Watch	2019 (UpS)
Sandalwood (Lanai)	<i>Santalum haleakalae</i> var. <i>lanaiense</i>	Hawaii	Endangered	2013
Winter savory	<i>Satureja montana</i>	Albania	Vulnerable	2013
Benzoin	<i>Styrax benzoin</i>	Singapore	Vulnerable	1994
Blue tansy	<i>Tanacetum annuum</i>	France (continental)	Critically Endangered	2012
Valerian	<i>Valeriana officinalis</i>	Albania	Vulnerable	2013

Valerian	<i>Valeriana officinalis</i>	Norway; United Kingdom	Near Threatened	2013; 2014
East African greenheart	<i>Warburgia ugandensis</i>	Uganda	Vulnerable	2016

ANIMAL FIXATIVES

Common name	Latin name	Location	Conservation status; CITES*	Year Assessed
African civet	<i>Civettictis civetta</i>	India; Indonesia	* Appendix III CITES	1989;2018
Siberian musk deer	<i>Moschus moschiferus</i>	Global	*Vulnerable	2014
Sperm whale	<i>Physeter macrocephalus</i>	Europe; Mediterranean	**††Vulnerable; Endangered	2007;2006
Small Indian civet	<i>Viverricula indica</i>	China	Vulnerable	2015

Species in red have been noted by the IUCN as being threatened by the trade of their extract/oil.

For further information on specific regulations for CITES* species, please contact Airmid Institute.

**If sourcing *Rhodiola rosea*, please contact Airmid Institute.

*†Although protected by CITES, *in vitro* plant cultures of legal origin, cut flowers from naturalized or artificially propagated plants and cultivated vanilla seedpods are CITES-exempt.

*††Although protected by CITES, ambergris itself is CITES-exempt; however, its trade is still heavily regulated within certain countries.

Content is derived from IUCN, CITES, Inventaire National du Patrimoine Naturel, US F&W unless otherwise noted; contact Airmid Institute for specific references.

Acknowledgements: We'd like to thank Olga Kutukova, Jonathan Benavides, Lidiane Franco Pelli, Kateryna Bilous, Sereina Bingelli, and Pascale Frennet for translating the list into Russian, Spanish, Brazilian Portuguese, Ukrainian, German, and French respectively.

Reproduction and distribution of this list without written permission from Airmid Institute is prohibited.

©2022 Airmid Institute. Email: info@airmidinstitute.org Web. www.airmidinstitute.org