

Medicinal Plant species of conservation concern identified for Kerala (KR):

CAMP workshops were held during 1995, '96, '97 and '99 at Bangalore to assess the threat status of prioritized Medicinal plants of Kerala. During this process 85 medicinal plant species were assigned the RL status of Near Threatened (NT) and above.

LEGEND	
EX	Extinct
CR	Critically Endangered
EN	Endangered
VU	Vulnerable
NT	Near Threatened
G	Global
H	Herb
S	Shrub
T	Tree
C	Climber
T	Recorded in Trade
H	High volume Traded(>100 MT/yr)

S.No	Genus	Species	Author	variety	Author	Synonyms	State	Habit	Status in KL	RL status (Global)	Recorded in Trade	Trade 100 MT/yr (dry wt.)
1	<i>Coscinium</i>	<i>fenestratum</i>	(Gaertn.) Coleb.				0 KL	C	CR	-	T	H
2	<i>Eulophia</i>	<i>cullenii</i>	(Wight) Blume				0 KL	H	CR	CR(G)		
3	<i>Heliotropium</i>	<i>keralense</i>	Sivar. & Manilal				0 KL	H	CR	CR(G)		
4	<i>Janakia</i>	<i>aroyalpathra</i>	J. Joseph & V. Chandras.				0 KL	S	CR	CR(G)		
5	<i>Paphiopedilu</i>	<i>m</i>	<i>druryi</i>		(Bedd.) Pfitz.		0 KL	H	CR	CR(G)		
6	<i>Piper</i>	<i>barberi</i>	Gamble				0 KL	C	CR	CR(G)		

7	<i>Uleria</i>	<i>salicifolia</i>	Bedd.		0	KL	S	CR	CR(G)		
8	<i>Valeriana</i>	<i>leschenaultii</i>	DC.		0	KL	H	CR	CR(G)		
9	<i>Vateria</i>	<i>macrocarpa</i>	B.L. Gupta		0	KL	T	CR	CR(G)		
10	<i>Acorus</i>	<i>calamus</i>	L.		0	KL	H	EN	-	T	H
11	<i>Ampelocissus</i>	<i>indica</i>	(L.) Planch.		0	KL	C	EN	-		
12	<i>Cayratia</i>	<i>pedata</i>	Lam.) Juss. ex Gagnep.	(var. <i>glabra</i> Gamble		KL	C	EN	EN(G)	T?	
13	<i>Cinnamomum</i>	<i>wightii</i>	Meisn.		0	KL	T	EN	EN(G)	T	
14	<i>Decalepis</i>	<i>hamiltonii</i>	Wight & Arn.		0	KL	C	EN	EN(G)	T	H
15	<i>Dipterocarpu</i>	<i>indicus</i>	Bedd.		0	KL	T	EN	EN(G)		
16	<i>Dysoxylum</i>	<i>malabaricum</i>	Bedd. ex Hiern		0	KL	T	EN	EN(G)	T	
17	<i>Garcinia</i>	<i>travancorica</i>	Bedd.		0	KL	T	EN	EN(G)	T	
18	<i>Gymnema</i>	<i>khandalense</i>	Santapau (Roxb.) Hook.f.		0	KL	C	EN	EN(G)		
19	<i>Gymnema</i>	<i>montanum</i>	Hook.f.		0	KL	C	EN	EN(G)		
20	<i>Holostemma</i>	<i>ada-kodien</i>	Schult.		0	KL	C	EN	-	T	H
21	<i>Humboldtia</i>	<i>vahliana</i>	Wight		0	KL	T	EN	EN(G)		
22	<i>Hydnocarpus</i>	<i>macrocarpa</i>	(Bedd.) Warb. (Nees)		0	KL	T	EN	EN(G)		
23	<i>Nilgirianthus</i>	<i>ciliatus</i>	Bremek.		0	KL	S	EN	EN(G)	T	H
24	<i>Operculina</i>	<i>turpethum</i>	(L.) Silva Manso		0	KL	C	EN	-	T	H
25	<i>Merremia</i>	<i>turpethum</i>	(L.) Shah & Bhat		24	KL	C	EN	-	T	H
26	<i>Oroxylum</i>	<i>indicum</i>	(L.) Vent.		0	KL	T	EN	-	T	H

27	<i>Plectranthus</i>	<i>nilgherricus</i>	Benth. (L.) Benth. ex	0	KL	H	EN	EN(G)		
28	<i>Rauvolfia</i>	<i>serpentina</i>	Kurz	0	KL	H	EN	-	T	H
29	<i>Santalum</i>	<i>album</i>	L.	0	KL	T	EN	-	T	H
30	<i>Semecarpus</i>	<i>travancorica</i>	Bedd.	0	KL	T	EN	EN(G)		
31	<i>Strychnos</i>	<i>aenea</i>	A.W.Hill (Wight ex C.B.Clarke)	0	KL	C	EN	EN(G)		
32	<i>Swertia</i>	<i>lawii</i>	Burkill	0	KL	H	EN	EN(G)		
33	<i>Syzygium</i>	<i>travancoricum</i>	Gamble	0	KL	T	EN	EN(G)		
34	<i>Trichopus</i>	<i>zeylanicus</i>	Gaertn. subsp. <i>s</i> (Bedd.) Burkill		KL	H	EN	EN(G)		
35	<i>Adenia</i>	<i>hondala</i>	(Gaertn.) W.J.de Wilde	0	KL	C	VU	-	T	
36	<i>Amorphophalus</i>	<i>commutatus</i>	(Schott) Engl.	0	KL	H	VU	VU(G)		
37	<i>Ampelocissus</i>	<i>araneosa</i> (Dalz. & Gibson)	Planch.	0	KL	C	VU	VU(G)		
38	<i>Aphanamixis</i>	<i>polystachya</i>	(Wall.) Parker	0	KL	T	VU	-	T	
39	<i>Artocarpus</i>	<i>hirsutus</i>	Lam.	0	KL	T	VU	VU(G)		
40	<i>Baliospermum</i>	<i>motanum</i>	(Willd.) Mull.Arg.	0	KL	S	VU	-	T	H
41	<i>Calophyllum</i>	<i>apetalum</i>	Willd.	0	KL	T	VU	VU(G)	T	
42	<i>Canarium</i>	<i>strictum</i>	Roxb.	0	KL	T	VU	-	T	
43	<i>Celastrus</i>	<i>paniculatus</i>	Willd.	0	KL	C	VU	-	T	H
44	<i>Chonemorpha</i>	<i>fragrans</i>	(Moon) Alston	0	KL	C	VU	-	T	
45	<i>Cinnamomum</i>	<i>macrocarpum</i>	Hook.f.	0	KL	T	VU	VU(G)	T	

46	<i>Cinnamomum</i>	<i>sulphuratum</i>	Nees	0	KL	T	VU	VU(G)	T	H
47	<i>Curcuma</i>	<i>pseudomontana</i>	Graham	0	KL	H	VU	VU(G)		
48	<i>Cycas</i>	<i>circinalis</i>	L.	0	KL	T	VU	-	T	
49	<i>Diospyros</i>	<i>candolleana</i>	Wight	0	KL	T	VU	VU(G)		
50	<i>Diospyros</i>	<i>paniculata</i>	Dalz.	0	KL	T	VU	VU(G)		
51	<i>Drosera</i>	<i>peltata</i>	J.E.Sm. ex Willd.	0	KL	H	VU	-		
52	<i>Embelia</i>	<i>tsjeriamcottam</i>	(Roem. & Schult.) A. DC.	0	KL	S	VU	-	T	H
53	<i>Garcinia</i>	<i>indica</i>	(Thouars) Choisy	0	KL	T	VU	VU(G)	T	H
54	<i>Gardenia</i>	<i>gummifera</i>	L.f.	0	KL	T	VU	VU(G)	T	
55	<i>Gloriosa</i>	<i>superba</i>	L.	0	KL	C	VU	-	T	H
56	<i>Glycosmis</i>	<i>macrocarpa</i>	Wight	0	KL	S	VU	VU(G)		
57	<i>Helminthostachys</i>	<i>zeylanica</i>	(L.) Hook.	0	KL	H	VU	-		
58	<i>Heracleum</i>	<i>candolleianum</i>	(Wight & Arn.) Gamble	0	KL	H	VU	VU(G)	T	
59	<i>Hydnocarpus</i>	<i>alpina</i>	Wight	0	KL	T	VU	VU(G)		
60	<i>Hydnocarpus</i>	<i>pentandra</i>	(Buch.-Ham.) Oken	0	KL	T	VU	VU(G)	T	
61	<i>Kingiodendron</i>	<i>pinnatum</i>	(Roxb. ex DC.) Harms	0	KL	T	VU	VU(G)		
62	<i>Michelia</i>	<i>nilagirica</i>	Zenk.	0	KL	T	VU	VU(G)		
63	<i>Myristica</i>	<i>dactyloides</i>	Gaertn.	0	KL	T	VU	-	T	

64	<i>Myristica</i>	<i>malabarica</i>	Lam.	0	KL	T	VU	VU(G)	T	
65	<i>Nervilia</i>	<i>aragoana</i>	Gaud. (Graham)	0	KL	H	VU	-	T	
66	<i>Nothapodytes</i>	<i>nimmoniana</i>	Mabber.	0	KL	T	VU	-	T	
67	<i>Ochreinauclea</i>	<i>missionis</i>	(Wall. ex G. Don) Ridsdale	0	KL	T	VU	VU(G)		
68	<i>Persea</i>	<i>macrantha</i>	(Nees) Kosterm.	0	KL	T	VU	-		
69	<i>Pseudarthria</i>	<i>viscida</i>	(L.) Wight & Arn.	0	KL	H	VU	-	T	H
70	<i>Pueraria</i>	<i>tuberosa</i>	(Roxb. ex Willd.) DC.	0	KL	C	VU	-	T	
71	<i>Salacia</i>	<i>oblonga</i>	Wall. ex Wight & Arn.	0	KL	C	VU	VU(G)	T	
72	<i>Smilax</i>	<i>zeylanica</i>	L.	0	KL	C	VU	-	T	
73	<i>Swertia</i>	<i>corymbosa</i>	(Griseb.) Wight ex C.B. Clarke	0	KL	H	VU	VU(G)	T	
74	<i>Tragia</i>	<i>bicolor</i>	Miq.	0	KL	C	VU	VU(G)		
75	<i>Vateria</i>	<i>indica</i>	L.	0	KL	T	VU	VU(G)	T	H
76	<i>Amorphophalus</i>	<i>paeoniifolius</i>	(Dennst.) Nicolson	0	KL	H	NT	-	T	
77	<i>Embelia</i>	<i>ribes</i>	Burm.f.	0	KL	C	NT	-	T	H
78	<i>Garcinia</i>	<i>gummi-gutta</i>	(L.) Robson	0	KL	T	NT	NT(G)	T	
79	<i>Garcinia</i>	<i>morella</i>	(Gaertn.) Desr.	0	KL	T	NT	-	T	
80	<i>Hedychium</i>	<i>coronarum</i>	Koenig	0	KL	H	NT	-	T	
81	<i>Knema</i>	<i>attenuata</i>	(Hook.f. & Thoms.) Warb.	0	KL	T	NT	NT(G)		

82	<i>Michelia</i>	<i>champaca</i>	L.	0	KL	T	NT	-	T	
83	<i>Piper</i>	<i>longum</i>	L.	0	KL	H	NT	-	T	H
84	<i>Piper</i>	<i>mullesua</i>	Buch.-Ham. ex D.Don	0	KL	C	NT	-		
85	<i>Terminalia</i>	<i>arjuna</i>	(Roxb. ex DC.) Wight & Arn.	0	KL	T	NT	-	T	H
86	<i>Tinospora</i>	<i>sinensis</i>	(Lour.) Merr.	0	KL	C	NT	-	T	H

Of these 81 species, 39 have a global RL status, as these are endemic (or nearly so) to the state or the region for which assessment has been undertaken. Only 1 species has been assigned Extinct (EX) status, 6 species are Critically Endangered (CR), 21 species are Endangered (EN), 45 species are Vulnerable (VU) and 8 species are Near Threatened (NT). 52 of these Red Listed medicinal plant species have been recorded in trade, as per the national level trade study. 23 of these species have been recorded in trade exceeding 100 MT/yr (dry wt.).

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