

Medicinal Plant species of conservation concern identified for Karnataka (KT):

CAMP workshops were held during 1995, '96, '97 and '99 at Bangalore to assess the threat status of prioritized Medicinal plants of Karnataka. During this process 81 medicinal plant species were assigned RL (Red List) status of Near Threatened (NT) and above. These 81 RL species are enlisted in the table below. This tabulation also identifies the species which have been recorded in trade in the NMPB supported National level Medicinal Plants trade study undertaken by FRLHT during 2008. It also identifies such species which have been recorded in high volumes i.e. in quantity exceeding 100 MT/year (dry wt.)

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)

S.No	Genus	Species	Author	variety	Author	Synonyms	State	Habit	Status in KA	RL status (Global)	Recorded in Trade	Trade 100 MT/yr (dry wt.)
1	<i>Madhuca.</i>	<i>insignis</i>	(Radlk.) H.J.Lam			0	KT	T	EX	EX(G)		
2	<i>Coscinium</i>	<i>fenestratum</i>	(Gaertn.) Coleb.			0	KT	C	CR	-	T	H
3	<i>Cycas</i>	<i>circinalis</i>	L.			0	KT	T	CR	-	T	
4	<i>Eulophia</i>	<i>cullenii</i>	(Wight) Blume			0	KT	H	CR	CR(G)		
5	<i>Paphiopedilum</i>	<i>druryi</i>	(Bedd.) Pfitz.			0	KT	H	CR	CR(G)		
6	<i>Pueraria</i>	<i>tuberosa</i>	(Roxb. ex Willd.) DC.			0	KT	C	CR	-	T	

7	<i>Valeriana.</i>	<i>leschenaultii</i>	DC	0	KT	H	CR	CR(G)		
8	<i>Ampelocissus</i>	<i>indica</i>	(L.) Planch.	0	KT	C	EN	-		
9	<i>Chonemorpha</i>	<i>fragrans</i>	(Moon) Alston	0	KT	C	EN	-	T	
10	<i>Cinnamomum</i>	<i>wightii</i>	Meisn.	0	KT	T	EN	EN(G)	T	
11	<i>Decalepis</i>	<i>hamiltonii</i>	Wight & Arn.	0	KT	C	EN	EN(G)	T	H
12	<i>Dipterocarpus</i>	<i>indicus</i>	Bedd.	0	KT	T	EN	EN(G)		
13	<i>Drosera</i>	<i>indica</i>	L.	0	KT	H	EN	-		
14	<i>Drosera.</i>	<i>peltata</i>	J.E.Sm. ex Willd	0	KT	H	EN	-		
15	<i>Dysoxylum</i>	<i>malabaricum</i>	Bedd. ex Hiern	0	KT	T	EN	EN(G)	T	
16	<i>Gymnema</i>	<i>montanum</i>	(Roxb.) Hook.f.	0	KT	C	EN	EN(G)		
17	<i>Humboldtia</i>	<i>vahliana</i>	Wight	0	KT	T	EN	EN(G)		
18	<i>Hydnocarpus</i>	<i>macrocarpa</i>	(Bedd.) Warb.	0	KT	T	EN	EN(G)		
19	<i>Michelia</i>	<i>champaca</i>	L.	0	KT	T	EN	-	T	
20	<i>Nilgirianthus</i>	<i>ciliatus</i>	(Nees) Bremek.	0	KT	S	EN	EN(G)	T	H
21	<i>Nothapodytes</i>	<i>nimmoniana</i>	(Graham) Mabber.	0	KT	T	EN	-	T	
22	<i>Persea</i>	<i>macrantha</i>	(Nees) Kosterm.	0	KT	T	EN	-		
23	<i>Plectranthus</i>	<i>nilgherricus</i>	Benth.	0	KT	H	EN	EN(G)		
24	<i>Rauvolfia</i>	<i>serpentina</i>	(L.) Benth. ex Kurz	0	KT	H	EN	-	T	H
25	<i>Salacia</i>	<i>reticulata</i>	Wight	0	KT	S	EN	-	T	
26	<i>Saraca</i>	<i>asoca</i>	(Roxb.) W.J. de Wilde	0	KT	T	EN	-	T	H

27	<i>Strychnos</i>	<i>aenea</i>	A.W.Hill (Wight ex C.B.Clarke)	0	KT	C	EN	EN(G)		
28	<i>Swertia</i>	<i>lawii</i>	Burkill	0	KT	H	EN	EN(G)		
29	<i>Adenia</i>	<i>hondala</i>	(Gaertn.) W.J.de Wilde	0	KT	C	VU	-	T	
30	<i>Aegle</i>	<i>marmelos</i>	(L.) Corr.	0	KT	T	VU	-	T	H
31	<i>Amorphophallus</i>	<i>commutatus</i>	(Schott) Engl.	0	KT	H	VU	VU(G)		
32	<i>Ampelocissus</i>	<i>araneosa</i>	(Dalz. & Gibson) Planch.	0	KT	C	VU	VU(G)		
33	<i>Aphanamixis</i>	<i>polystachya</i>	(Wall.) Parker	0	KT	T	VU	-	T	
34	<i>Aristolochia</i>	<i>tagala</i>	Cham	0	KT	C	VU	-	T	
35	<i>Artocarpus</i>	<i>hirsutus</i>	Lam.	0	KT	T	VU	VU(G)		
36	<i>Baliospermum</i>	<i>montanum</i>	(Willd.) Mull.Arg.	0	KT	S	VU	-	T	H
37	<i>Calophyllum</i>	<i>apetalum</i>	Willd.	0	KT	T	VU	VU(G)	T	
38	<i>Canarium</i>	<i>strictum</i>	Roxb.	0	KT	T	VU	-	T	
39	<i>Cinnamomum</i>	<i>macrocarpum</i>	Hook.f.	0	KT	T	VU	VU(G)	T	
40	<i>Cinnamomum</i>	<i>sulphuratum</i>	Nees	0	KT	T	VU	VU(G)	T	H
41	<i>Curcuma</i>	<i>pseudomontana</i>	Graham	0	KT	H	VU	VU(G)		
42	<i>Diospyros</i>	<i>candolleana</i>	Wight	0	KT	T	VU	VU(G)		
43	<i>Diospyros</i>	<i>paniculata</i>	Dalz.	0	KT	T	VU	VU(G)		
44	<i>Embelia</i>	<i>ribes</i>	Burm.f.	0	KT	C	VU	-	T	H
45	<i>Embelia</i>	<i>tsjeriam-cottam</i>	(Roem. & Schult.) A. DC.	0	KT	S	VU	-	T	H

46	<i>Garcinia</i>	<i>indica</i>	(Thouars) Choisy	0	KT	T	VU	VU(G)	T	H
47	<i>Garcinia.</i>	<i>morella</i>	(Gaertn.) Desr	0	KT	T	VU	-	T	
48	<i>Gardenia</i>	<i>gummifera</i>	L.f.	0	KT	T	VU	VU(G)	T	
49	<i>Gloriosa</i>	<i>superba</i>	L.	0	KT	C	VU	-	T	H
50	<i>Heracleum</i>	<i>candolleianum</i>	(Wight & Arn.) Gamble	0	KT	H	VU	VU(G)	T	
51	<i>Holostemma</i>	<i>ada-kodien</i>	Schult.	0	KT	C	VU	-	T	H
52	<i>Hydnocarpus</i>	<i>alpina</i>	Wight	0	KT	T	VU	VU(G)		
53	<i>Hydnocarpus</i>	<i>pentandra</i>	(Buch.-Ham.) Oken	0	KT	T	VU	VU(G)	T	
54	<i>Kingiodendron</i>	<i>pinnatum</i>	(Roxb. ex DC.) Harms	0	KT	T	VU	VU(G)		
55	<i>Madhuca</i>	<i>longifolia</i>	(Koen.) Macbr.	0	KT	T	VU	-	T	
56	<i>Madhuca</i>	<i>neriifolia</i>	(Moon) H.J.Lam	0	KT	T	VU	-		
57	<i>Michelia</i>	<i>nilagirica</i>	Zenk.	0	KT	T	VU	VU(G)		
58	<i>Myristica</i>	<i>dactyloides</i>	Gaertn.	0	KT	T	VU	-	T	
59	<i>Myristica</i>	<i>malabarica</i>	Lam.	0	KT	T	VU	VU(G)	T	
60	<i>Ochreinauclea</i>	<i>missionis</i>	(Wall. ex G. Don) Ridsdale	0	KT	T	VU	VU(G)		
61	<i>Operculina</i>	<i>turpethum</i>	(L.) Silva Manso	0	KT	C	VU	-	T	H
62	<i>Merremia</i>	<i>turpethum</i>	(L.) Shah & Bhat	61	KT	C	VU	-	T	H
63	<i>Oroxylum</i>	<i>indicum</i>	(L.) Vent.	0	KT	T	VU	-	T	H

64	<i>Piper</i>	<i>mullesua</i>	Buch.-Ham. ex D.Don	0	KT	C	VU	-		
65	<i>Pseudarthria</i>	<i>viscida</i>	(L.) Wight & Arn.	0	KT	H	VU	-	T	H
66	<i>Rhaphidophora</i>	<i>pertusa</i>	(Roxb.) Schott	0	KT	C	VU	-	T	
67	<i>Salacia</i>	<i>oblonga</i>	Wall. ex Wight & Arn.	0	KT	C	VU	VU(G)	T	
68	<i>Santalum</i>	<i>album</i>	L.	0	KT	T	VU	-	T	H
69	<i>Schrebera</i>	<i>swietenoides</i>	Roxb.	0	KT	T	VU	-	T	H
70	<i>Swertia</i>	<i>corymbosa</i>	(Griseb.) Wight ex C.B.Clarke	0	KT	H	VU	VU(G)	T	
71	<i>Symplocos</i>	<i>racemosa</i>	Roxb.	0	KT	T	VU	-	T	H
72	<i>Tinospora</i>	<i>sinensis</i>	(Lour.) Merr.	0	KT	C	VU	-	T	H
73	<i>Tragia</i>	<i>bicolor</i>	Miq.	0	KT	C	VU	VU(G)		
74	<i>Vateria</i>	<i>indica</i>	L.	0	KT	T	VU	VU(G)	T	H
75	<i>Celastrus</i>	<i>paniculatus</i>	Willd.	0	KT	C	NT	-	T	H
76	<i>Garcinia</i>	<i>gummi-gutta</i>	(L.) Robson	0	KT	T	NT	NT(G)	T	
77	<i>Hedychium</i>	<i>coronarum</i>	Koenig	0	KT	H	NT	-	T	
78	<i>Knema</i>	<i>attenuata</i>	(Hook.f. & Thoms.) Warb.	0	KT	T	NT	NT(G)		
79	<i>Nervilia</i>	<i>aragoana</i>	Gaud.	0	KT	H	NT	-	T	
80	<i>Piper</i>	<i>nigrum</i>	L.	0	KT	C	NT	-	T	
81	<i>Smilax</i>	<i>zeylanica</i>	L.	0	KT	C	NT	-	T	

82	<i>Terminalia</i>	<i>arjuna</i>	(Roxb. ex DC.) Wight & Arn.	0	KT	T	NT	-	T	H
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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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