

Medicinal Plant species of conservation concern identified for Arunachal Pradesh (AR):

CAMP workshop for was held during March 2003 at Guwahati to assess the threat status of prioritized Medicinal plants of Arunachal Pradesh. During this process 44 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)

S.No	Genus	Species	Author	variety	Author	Sy nonyms	State	Habit	Status in Arn.P	RL status (Global)	Recorded in Trade	Trade 100 MT/yr (dry wt.)
1	<i>Amentotaxus</i>	<i>assamica</i>	D.K.Ferguson			0	AR	T	CR	CR(G)		
2	<i>Aquilaria</i>	<i>malaccensis</i>	Lam.			0	AR	T	CR	-	T	H
3	<i>Gymnocladus</i>	<i>assamicus</i>	Kanjilal			0	AR	T	CR	CR(G)		
4	<i>Malaxis</i>	<i>muscifera</i>	(Lindl.) Kuntze			0	AR	H	CR	-		
5	<i>Rauvolfia</i>	<i>serpentina</i>	(L.) Benth. ex Kurz			0	AR	H	CR	-	T	H
6	<i>Smilax</i>	<i>glabra</i>	Roxb.			0	AR	C	CR	-	T	H

7	<i>Aconitum</i>	<i>ferox</i>	Wall. ex Seringe	0	AR	H	EN	-	T	H
8	<i>Aconitum</i>	<i>heterophyllum</i>	Wall. ex Royle	0	AR	H	EN	CR(G)	T	H
9	<i>Brucea mollis</i>	Wall.	ex Kurz	0	AR	S	EN	-		
10	<i>Cephalotaxus</i>	<i>griffithii</i>	Hook.f.	0	AR	T	EN	-		
11	<i>Coptis</i>	<i>teeta</i>	Wall.	0	AR	H	EN	EN(G)	T	
12	<i>Flickingeria</i>	<i>fugax</i>	(Rchb.f.) Seodempf.	0	AR	H	EN	-	T	
13	<i>Fritillaria</i>	<i>cirrrosa</i>	D.Don	0	AR	H	EN	-		
14	<i>Nardostachys</i>	<i>grandiflora</i>	DC.	0	AR	H	EN	-	T	H
15	<i>Picrorhiza</i>	<i>kurrooa</i>	Royle ex Benth.	0	AR	H	EN	-	T	H
16	<i>Pleione</i>	<i>maculata</i>	(Lindl.) Lindl. & Paxton	0	AR	C	EN	-		
17	<i>Taxus</i>	<i>wallichiana</i>	Zucc.	0	AR	T	EN	-	T	H
18	<i>Tropidia</i>	<i>curculigoides</i>	Lindl.	0	AR	H	EN	-		
19	<i>Bergenia</i>	<i>ciliata</i>	(Haw.) Sternb.	0	AR	H	VU	-	T	H
20	<i>Cinnamomum</i>	<i>tamala</i>	(Buch.-Ham.) Nees	0	AR	T	VU	-	T	H
21	<i>Dendrobium</i>	<i>nobile</i>	Lindl.	0	AR	H	VU	-	T	
22	<i>Elaeocarpus</i>	<i>sphaericus</i>	(Gaertn.) K.Schum.	0	AR	T	VU	-	T	
23	<i>Gymnadenia</i>	<i>orchides</i>	Lindl.	0	AR	H	VU	-		
24	<i>Homalomena</i>	<i>aromatica</i>	(Roxb.) Schott	0	AR	H	VU	-		

25	<i>Mahonia</i>	<i>napaulensis</i>	DC.	0	AR	S	VU	-		
26	<i>Oroxylum</i>	<i>indicum</i>	(L.) Vent.	0	AR	T	VU	-	T	H
27	<i>Piper</i>	<i>boehmeriaefolium</i>	Wall. ex C.DC.	0	AR	C	VU	-		
28	<i>Piper</i>	<i>pedicellatum</i>	C.DC.	0	AR	S	VU	VU(G)		
29	<i>Piper</i>	<i>peepuloides</i>	Roxb.	0	AR	C	VU	VU(G)	T	H
30	<i>Podophyllum</i>	<i>hexandrum</i>	Royle	0	AR	H	VU	-	T	
31	<i>Polygonatum</i>	<i>verticillatum</i>	(L.) All.	0	AR	H	VU	-	T	
32	<i>Rhododendron</i>	<i>anthopogon</i>	D.Don	0	AR	S	VU	-	T	H
33	<i>Swertia</i>	<i>chirayita</i>	(Roxb. ex Flem.) Karst.	0	AR	H	VU	-	T	H
34	<i>Valeriana</i>	<i>hardwickii</i>	Wall.	0	AR	H	VU	-	T	H
35	<i>Valeriana</i>	<i>jatamansi</i>	Jones	0	AR	H	VU	-	T	H
36	<i>Abies</i>	<i>densa</i>	W.Griff. ex Parker	0	AR	T	NT	-		
37	<i>Cibotium</i>	<i>barometz</i>	Link.	0	AR	T	NT	-		
38	<i>Drosera</i>	<i>peltata</i>	J.E.Sm. ex Willd.	0	AR	H	NT	-		
39	<i>Embelia</i>	<i>ribes</i>	Burm.f.	0	AR	C	NT	-	T	H
40	<i>Garcinia</i>	<i>pedunculata</i>	Roxb.	0	AR	T	NT	-	T	
41	<i>Hydnocarpus</i>	<i>kurzii</i>	(King.) Warb.	0	AR	T	NT	-	T	
42	<i>Illicium</i>	<i>griffithii</i>	Hook.f. & Thoms.	0	AR	T	NT	-	T	

43	<i>Piper</i>	<i>betleoides</i>	C.DC.	0	AR	C	NT	NT(G)
44	<i>Rheum</i>	<i>nobile</i>	Hook.f. & Thoms.	0	AR	H	NT	-

Of these 44 species, 7 species have a global RL status as these are endemic (or nearly so) the state/region for which the assessment was undertaken. 6 species have been assigned Critically Endangered (CR) status, 12 species are Endangered (EN), 17 species are Vulnerable (VU) and 9 species are Near Threatened (NT). 17 of these Red Listed medicinal plant species have been recorded in high volume trade, as per the national level trade study.

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