

Medicinal Plant species of conservation concern identified for West Bengal (WB):

CAMP workshop was held during December 2007 at Kolkatta to assess the threat status of prioritized Medicinal plants of West Bengal. During this process 43 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	Synonyms	State	Habit	Status in WB	RL status (Global)	Recorded in Trade	Trade 100 MT/yr (dry wt.)
1	<i>Panax</i>	<i>pseudoginseng</i>	Wall.			0	WB	H	CR	-	T	
2	<i>Persea</i>	<i>glaucescens</i>	(Nees) Long			0	WB	T	CR	-		
3	<i>Picrorhiza</i>	<i>kurroa</i>	Royle ex Benth.			0	WB	H	CR	-	T	H
4	<i>Podophyllum</i>	<i>hexandrum</i>	Royle			0	WB	H	CR	-	T	
5	<i>Swertia</i>	<i>chirayita</i>	(Roxb. ex Flem.) Karst.			0	WB	H	CR	-	T	H
6	<i>Taxus</i>	<i>wallichiana</i>	Zucc.			0	WB	T	CR	-	T	H

7	<i>Aconitum</i>	<i>bisma</i>	(Buch.-Ham.) Rapaics	0	WB	H	EN	-	T	
8	<i>Aconitum</i>	<i>ferox</i>	Wall. ex Seringe	0	WB	H	EN	-	T	H
9	<i>Aconitum</i>	<i>spicatum</i>	(Bruhl) Stapf	0	WB	H	EN	-	T	
10	<i>Alpinia</i>	<i>calcarata</i>	Roscoe	0	WB	H	EN	-	T	H
11	<i>Ampelocissus</i>	<i>barbata</i>	(Wall.) Planch.	0	WB	C	EN	-		
12	<i>Asparagus</i>	<i>racemosus</i>	Willd.	0	WB	C	EN	-	T	H
13	<i>Celastrus</i>	<i>paniculatus</i>	Willd.	0	WB	C	EN	-	T	H
14	<i>Cinnamomum</i>	<i>cecidodaphne</i>	Meissn.	0	WB	T	EN	-		
15	<i>Dioscorea</i>	<i>prazeri</i>	Prain & Burkill	0	WB	C	EN	-		
16	<i>Drosera</i>	<i>burmannii</i>	Vahl	0	WB	H	EN	-		
17	<i>Gynocardia</i>	<i>odorata</i>	R.Br.	0	WB	T	EN	-		
18	<i>Helminthostachys</i>	<i>zeylanica</i>	(L.) Hook.	0	WB	H	EN	-		
19	<i>Lycopodiella</i>	<i>cernua</i>	(L.) Pichi-Sermolli	0	WB	H	EN	-		
20	<i>Mesua</i>	<i>ferrea</i>	L.	0	WB	T	EN	-	T	H
21	<i>Mucuna</i>	<i>pruriens</i>	(L.) DC.	0	WB	C	EN	-	T	H
22	<i>Ophioglossum</i>	<i>reticulatum</i>	L.	0	WB	H	EN	-		
23	<i>Pterocarpus</i>	<i>marsupium</i>	Roxb.	0	WB	T	EN	-	T	H
24	<i>Rauvolfia</i>	<i>serpentina</i>	(L.) Benth. ex Kurz	0	WB	H	EN	-	T	H

25	<i>Sonneratia</i>	<i>caseolaris</i>	(L.) Engl.	0	WB	T	EN	-		
26	<i>Aristolochia</i>	<i>indica</i>	L.	0	WB	C	VU	-	T	
27	<i>Berberis</i>	<i>aristata</i>	DC.	0	WB	S	VU	-	T	H
28	<i>Cinnamomum</i>	<i>bejolghota</i>	(Buch.-Ham.) Sweet	0	WB	T	VU	-		
29	<i>Desmodium</i>	<i>motorium</i>	(Houtt.) Merr.	0	WB	H	VU	-		
30	<i>Gloriosa</i>	<i>superba</i>	L.	0	WB	C	VU	-	T	H
31	<i>Gymnema</i>	<i>sylvestre</i>	R.Br.	0	WB	C	VU	-	T	H
32	<i>Lumnitzera</i>	<i>racemosa</i>	Willd.	0	WB	S	VU	-		
33	<i>Morinda</i>	<i>citrifolia</i>	L.	0	WB	T	VU	-	T	
34	<i>Nypa</i>	<i>fruticans</i>	(Thunb.) Wurmb.	0	WB	T	VU	-		
35	<i>Olax</i>	<i>nana</i>	Wall.	0	WB	S	VU	-		
36	<i>Pericampylus</i>	<i>glaucus</i>	(Lam.) Merr.	0	WB	C	VU	-	T	
37	<i>Stereospermum</i>	<i>colais</i>	(Dillwyn) Mabb.	0	WB	T	VU	-	T	H
38	<i>Thalictrum</i>	<i>foliolosum</i>	DC.	0	WB	H	VU	-	T	
39	<i>Toona</i>	<i>ciliata</i>	M.J.Roem.	0	WB	T	VU	-	T	
40	<i>Xylocarpus</i>	<i>granatum</i>	Koenig	0	WB	T	VU	-		
41	<i>Abelmoschus</i>	<i>moschatus</i>	Medik.	0	WB	S	NT	-	T	H
42	<i>Ipomoea</i>	<i>mauritiana</i>	Jacq.	0	WB	C	NT	-	T	H

43 *Tylophora indica* (Burm.f.) Merr. 0 WB C NT - T

Of these 43 species, 6 species have been assigned Critically Endangered (CR) status, 19 species are Endangered (EN), 15 species are Vulnerable (VU) and 3 species are Near Threatened (NT). 17 of these Red Listed medicinal species have been recorded in high volume trade, as per the national level trade study.

Pucrorhiza kurroa, *Swertia chirayita* and *Taxus wallichiana* are of highest priority for the state of West Bengal as these are in high volume trade in addition to their **Critically Endangered** status.

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