

Medicinal Plant species of conservation concern identified for Orissa (OR):

CAMP workshop was held during October 2007 at Bhubaneshwar to assess the threat status of prioritized Medicinal plants of Orissa. During this process 40 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 OR	RL status (Global)	Recorded in Trade	Trade 100 MT/yr (dry wt.)
1	<i>Saraca</i>	<i>asoca</i>	(Roxb.) W.J. de Wilde			0	OR	T	CR	-	T	H
2	<i>Symplocos</i>	<i>racemosa</i>	Roxb.			0	OR	T	CR	-	T	H
3	<i>Blepharisper mum</i>	<i>subsessile</i>	DC.			0	OR	S	EN	-		
4	<i>Cordia</i>	<i>macleodii</i>	(Griff.) Hook.f. & Thoms.			0	OR	T	EN	-		

5	<i>Gloriosa</i>	<i>superba</i>	L.	0	OR	C	EN	-	T	H
6	<i>Mesua</i>	<i>ferrea</i>	L.	0	OR	T	EN	-	T	H
7	<i>Mucuna</i>	<i>gigantea</i>	(Willd.) DC.	0	OR	C	EN	-		
8	<i>Oroxylum</i>	<i>indicum</i>	(L.) Vent.	0	OR	T	EN	-	T	H
9	<i>Piper</i>	<i>longum</i>	L.	0	OR	H	EN	-	T	H
10	<i>Pterocarpus</i>	<i>marsupium</i>	Roxb.	0	OR	T	EN	-	T	H
11	<i>Rauvolfia</i>	<i>serpentina</i>	(L.) Benth. ex Kurz	0	OR	H	EN	-	T	H
12	<i>Stereospermum</i>	<i>colais</i>	(Dillwyn) Mabb.	0	OR	T	EN	-	T	H
13	<i>Uraria</i>	<i>picta</i>	(Jacq.) Desv. ex DC.	0	OR	S	EN	-	T	
14	<i>Xylocarpus</i>	<i>granatum</i>	Koenig	0	OR	T	EN	-		
15	<i>Aphanamixis</i>	<i>polystachya</i>	(Wall.) Parker	0	OR	T	VU	-	T	
16	<i>Caesalpinia</i>	<i>digyna</i>	Rottler	0	OR	S	VU	-	T	
17	<i>Celastrus</i>	<i>paniculatus</i>	Willd.	0	OR	C	VU	-	T	H
18	<i>Cerbera</i>	<i>odollam</i>	Gaertn.	0	OR	T	VU	-		
19	<i>Crateva</i>	<i>magna</i>	(Lour.) DC.	0	OR	T	VU	-	T	
20	<i>Cycas</i> L.	<i>circinalis</i>		0	OR	T	VU	-	T	
21	<i>Embelia</i>	<i>ribes</i>	Burm.f.	0	OR	C	VU	-	T	H
22	<i>Embelia</i>	<i>tsjeriam-cottam</i>	(Roem. &	0	OR	S	VU	-	T	H

			Schult.) A. DC.							
23	<i>Garcinia</i>	<i>xanthochymus</i>	Hook.f.	0	OR	T	VU	-		
24	<i>Gardenia</i>	<i>gummifera</i>	L.f.	0	OR	T	VU	VU(G)	T	
25	<i>Gnetum</i>	<i>ula</i>	Brongn.	0	OR	C	VU	-		
26	<i>Hedychium</i>	<i>coronarum</i>	Koenig	0	OR	H	VU	-	T	
27	<i>Litsea</i>	<i>glutinosa</i>	(Lour.) Robinson	0	OR	T	VU	-	T	H
28	<i>Operculina</i>	<i>turpethum</i>	(L.) Silva Manso	0	OR	C	VU	-	T	H
	<i>Merremia</i>	<i>turpethum</i>	(L.) Shah & Bhat	28	OR					
29	<i>Paederia</i>	<i>foetida</i>	L.	0	OR	C	VU	-	T	
30	<i>Polyalthia</i>	<i>simiarum</i>	(Buch.- Ham.) Hook.f & Thoms.	0	OR	T	VU	-		
31	<i>Pueraria</i>	<i>tuberosa</i>	(Roxb. ex Willd.) DC.	0	OR	C	VU	-	T	
32	<i>Salvadora</i>	<i>persica</i>	L.	0	OR	T	VU	-	T	
33	<i>Schrebera</i>	<i>swietenoides</i>	Roxb.	0	OR	T	VU	-	T	H
34	<i>Scindapsus</i>	<i>officinalis</i>	(Roxb.) Schott	0	OR	C	VU	-	T	

35	<i>Stemona</i>	<i>tuberosa</i>	Lour.	0	OR	C	VU	-		
36	<i>Strychnos</i>	<i>potatorum</i>	L.f.	0	OR	T	VU	-	T	H
37	<i>Thalictrum</i>	<i>foliolosum</i>	DC.	0	OR	H	VU	-	T	
38	<i>Zanthoxylum</i>	<i>armatum</i>	DC.	0	OR	S	VU	-	T	
39	<i>Zanthoxylum</i>	<i>rhetsa</i>	(Roxb.) DC.	0	OR	S	VU	-	T	
40	<i>Eulophia</i>	<i>herbacea</i>	Lindl.	0	OR	H	NT	-		

Of these 40 species, only 1 species has a global RL status as this species is endemic to peninsular India. 2 species have been assigned Critically Endangered (CR) status, 12 species are Endangered (EN), 25 species are Vulnerable (VU) and 1 species is Near Threatened (NT).

Saraca asoca and *Symplocos racemosa* are of highest priority in Orissa, as both of these have been assessed as **Critically Endangered** while their bark is recorded in high volume trade in the national level study. 16 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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