

## Medicinal Plant species of conservation concern identified for Sikkim (SK):

CAMP workshop was held at Guwahati during March 2003 to assess the threat status of prioritized Medicinal plants of Sikkim. During this process 24 medicinal plant species were assigned the RL status of Near Threatened (NT) and above category.

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 SK	RL status (Global)	Recorded in Trade	Trade 100 MT/yr (dry wt.)
1	<i>Podophyllum</i>	<i>hexandrum</i>	Royle			0	SK	H	CR	-	T	
2	<i>Aconitum</i>	<i>ferox</i>	Wall. ex Seringe			0	SK	H	EN	-	T	H
3	<i>Aconitum</i>	<i>heterophyllum</i>	Wall. ex Royle			0	SK	H	EN	CR(G)	T	H
4	<i>Flickingeria</i>	<i>fugax</i>	(Rchb.f.) Seodemf.			0	SK	H	EN	-	T	
5	<i>Fritillaria</i>	<i>cirrhusa</i>	D.Don			0	SK	H	EN	-		
6	<i>Malaxis</i>	<i>muscifera</i>	(Lindl.) Kuntze			0	SK	H	EN	-		
7	<i>Nardostachys</i>	<i>grandiflora</i>	DC.			0	SK	H	EN	-	T	H

8	<i>Rhododendron</i>	<i>anthopogon</i>	D.Don	0	SK	S	EN	-	T	H
9	<i>Taxus</i>	<i>wallichiana</i>	Zucc.	0	SK	T	EN	-	T	H
10	<i>Bergenia</i>	<i>ciliata</i>	(Haw.) Sternb.	0	SK	H	VU	-	T	H
11	<i>Dendrobium</i>	<i>nobile</i>	Lindl.	0	SK	H	VU	-	T	
12	<i>Gymnadenia</i>	<i>orchides</i>	Lindl.	0	SK	H	VU	-		
13	<i>Mahonia</i>	<i>napaulensis</i>	DC.	0	SK	S	VU	-		
14	<i>OroxTlum</i>	<i>indicum</i>	(L.) Vent.	0	SK	T	VU	-	T	H
15	<i>Picrorhiza</i>	<i>kurrooa</i>	Royle ex Benth.	0	SK	H	VU	-	T	H
16	<i>Piper</i>	<i>pedicellatum</i>	C.DC.	0	SK	S	VU	VU(G)		
17	<i>Piper</i>	<i>peepuloides</i>	Roxb.	0	SK	C	VU	VU(G)	T	
18	<i>Pleione</i>	<i>maculata</i>	(Lindl.) Lindl. & Paxton	0	SK	C	VU	-		
19	<i>Rheum</i>	<i>nobile</i>	Hook.f. & Thoms.	0	SK	H	VU	-		
20	<i>Swertia</i>	<i>chirayita</i>	(Roxb. ex Flem.) Karst.	0	SK	H	VU	-	T	H
21	<i>Valeriana</i>	<i>hardwickii</i>	Wall.	0	SK	H	VU	-	T	H
22	<i>Valeriana</i>	<i>jatamansi</i>	Jones	0	SK	H	VU	-	T	H
23	<i>Abies</i>	<i>densa</i>	W.Griff. ex Parker	0	SK	T	NT	-		
24	<i>Piper</i>	<i>boehmeriaefolium</i>	Wall. ex C.DC.	0	SK	C	NT	-		

Of these 24 species, 3 species have a global RL status as these are endemic (or nearly so) the state/region for which the assessment was undertaken. Only 1 species has been assigned Critically Endangered (CR) status, 6 species are Endangered (EN), 13 species are Vulnerable (VU) and 2 species are Near Threatened (NT). 11 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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