

Medicinal Plant species of conservation concern identified for Himachal Pradesh (HP):

CAMP workshops were held during 1998 at Kullu and May 2003 at Shimla to assess the threat status of prioritised Medicinal plants of Himachal Pradesh. During this process 62 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 HP	RL status (Global)	Record ed in Trade	Trade 100 MT/yr (dry wt.)
1	<i>Aconitum</i>	<i>heterophyllum</i>	Wall. ex Royle			0	HP	H	CR	CR(G)	T	H
2	<i>Arnebia</i>	<i>benthami</i>	(Wall. ex G.Don) Johns			0	HP	H	CR	CR(G)	T	
3	<i>Arnebia</i>	<i>euchroma</i>	(Royle) John.			0	HP	H	CR	-	T	
4	<i>Atropa</i>	<i>acuminata</i>	Royle ex Lindl.			0	HP	H	CR	-	T	
5	<i>Dactylorhiza</i>	<i>hatagirea</i>	(D.Don) Soo			0	HP	H	CR	-	T	

6	<i>Gentiana</i>	<i>kurroo</i>	Royle	0	HP	H	CR	CR(G)	T	
7	<i>Lilium</i>	<i>polyphyllum</i>	D.Don ex Royle	0	HP	H	CR	-		
8	<i>Malaxis</i>	<i>muscifera</i>	(Lindl.) Kuntze	0	HP	H	CR	-		
9	<i>Rauvolfia</i>	<i>serpentina</i> (L.)	Benth. ex Kurz	0	HP	H	CR	-	T	H
10	<i>Saussurea</i>	<i>gossypiphora</i>	D.Don	0	HP	H	CR	-		
11	<i>Saussurea</i>	<i>obvallata</i>	(DC.) Edgew.	0	HP	H	CR	-		
12	<i>Swertia</i>	<i>chirayita</i>	(Roxb. ex Flem.) Karst.	0	HP	H	CR	-	T	H
13	<i>Aconitum</i>	<i>deinorrhizum</i>	Stapf	0	HP	H	EN	-	T	
14	<i>Angelica</i>	<i>glauca</i>	Edgew.	0	HP	H	EN	EN(G)	T	
15	<i>Betula</i>	<i>utilis</i>	D.Don	0	HP	T	EN	-	T	
16	<i>Datisca</i>	<i>cannabina</i>	L.	0	HP	H	EN	-		
17	<i>Dioscorea</i>	<i>deltoidea</i>	Wall. ex Griseli	0	HP	C	EN	EN(G)	T	
18	<i>Ephedra</i>	<i>gerardiana</i>	Wall. ex Stapf.	0	HP	S	EN	-	T	H
19	<i>Fritillaria</i>	<i>roylei</i>	Hook.	0	HP	H	EN	EN(G)	T	
20	<i>Habenaria</i>	<i>intermedia</i>	D.Don	0	HP	H	EN	EN(G)		
21	<i>Hyoscyamus</i>	<i>niger</i>	L.	0	HP	H	EN	-	T	

22	<i>Juniperus</i>	<i>polycarpus</i>	C. Koch.	0	HP	S	EN	-			
23	<i>Jurinea</i>	<i>dolomiaea</i>	Boiss.	0	HP	H	EN	-	T	H	
24	<i>Meconopsis</i>	<i>aculeata</i>	Royle	0	HP	H	EN	EN(G)			
25	<i>Nardostachys</i>	<i>grandiflora</i>	DC.	0	HP	H	EN	-	T	H	
26	<i>Paris</i>	<i>polyphylla</i>	Sm.	0	HP	H	EN	-	T		
27	<i>Picrorhiza</i>	<i>kurrooa</i>	Royle ex Benth.	0	HP		H	EN	-	T	H
28	<i>Podophyllum</i>	<i>hexandrum</i>	Royle	0	HP	H	EN	-	T		
29	<i>Polygonatum</i>	<i>cirrhifolium</i>	(Wall.) Royle	0	HP	H	EN	-	T		
30	<i>Rheum</i>	<i>emodi</i>	Wall. ex Meissn.	0	HP		H	EN	EN(G)	T	H
31	<i>Rheum</i>	<i>moorcroftianum</i>	Royle	0	HP		H	EN	-	T	H
32	<i>Taxus</i>	<i>wallichiana</i>	Zucc.	0	HP	T	EN	-	T	H	
33	<i>Zanthoxylum</i>	<i>armatum</i>	DC.	0	HP	S	EN	-	T		
34	<i>Aconitum</i>	<i>violaceum</i>	Jacq. ex Stapf	0	HP	H	VU	VU(G)	T		
35	<i>Allium</i>	<i>stracheyi</i>	Baker	0	HP	H	VU	VU(G)	T		
36	<i>Bergenia</i>	<i>stracheyi</i>	(Hook.f. & Thoms.) Engl.	0	HP		C	VU	-	T	
37	<i>Bunium</i>	<i>persicum</i>	(Boiss.) Fedts.	0	HP	H	VU	-			
38	<i>Cinnamomum</i>	<i>tamala</i>	(Buch.-Ham.) Nees	0	HP		T	VU	-	T	H

39	<i>Colchicum</i>	<i>luteum</i>	Baker	0	HP	H	VU	VU(G)	T		
40	<i>Didymocarpus</i>	<i>pedicillata</i>	R. Br.	0	HP	H	VU	-	T		
41	<i>Embelia</i>	<i>tsjeriam-cottam</i>	(Roem. & Schult.) A. DC.	0	HP		S	VU	-	T	H
42	<i>Eremostachys</i>	<i>superba</i>	Royle ex Benth.	0	HP		H	VU	VU(G)		
43	<i>Ferula</i>	<i>jaeschkeana</i>	Vatke	0	HP	H	VU	-	T		
44	<i>Gloriosa</i>	<i>superba</i>	L.	0	HP	C	VU	-	T	H	
45	<i>Heracleum</i>	<i>lanatum</i>	Michx.	0	HP	H	VU	-	T		
46	<i>Hippophae</i>	<i>rhamnoides</i>	L.	0	HP	S	VU	-	T		
47	<i>Hypericum</i>	<i>perforatum</i>	L.	0	HP	H	VU	-	T		
48	<i>Hyssopus</i>	<i>officinalis</i>	L.	0	HP	H	VU	-	T		
49	<i>Litsea</i>	<i>glutinosa</i>	(Lour.) Robinson	0	HP		T	VU	-	T	H
50	<i>Physochlaena</i>	<i>praealta</i>	(Walp.) Miers.	0	HP		H	VU	-		
51	<i>Polygonatum</i>	<i>multiflorum</i>	(L.) All.	0	HP	H	VU	-	T		
52	<i>Polygonatum</i>	<i>verticillatum</i>	(L.) All.	0	HP	H	VU	-	T		
53	<i>Rheum</i>	<i>spiciforme</i>	Royle	0	HP	H	VU	-			
54	<i>Rheum</i>	<i>webbianum</i>	Royle	0	HP	H	VU	VU(G)	T	H	
55	<i>Rhodiola</i>	<i>heterodonta</i>	(Hook.f. & Thoms.)	0	HP	H	VU	VU(G)			

			Boriss							
56	<i>Rhododendron</i>	<i>anthopogon</i>	D.Don	0	HP	S	VU	-	T	H
57	<i>Rhododendron</i>	<i>campanulatum</i>	D.Don	0	HP	S	VU	-	T	
58	<i>Rhododendron</i>	<i>lepidotum</i>	Wall. ex D.Don	0	HP	T	VU	-		
59	<i>Roylea</i>	<i>cinerea</i>	(D. Don) Baillon	0	HP	S	VU	VU(G)		
60	<i>Valeriana</i>	<i>jatamansi</i>	Jones	0	HP	H	VU	-	T	T
61	<i>Artemisia</i>	<i>maritima</i>	L.	0	HP	H	NT	-	T	
62	<i>Hippophae</i>	<i>salicifolia</i>	D.Don	0	HP	T	NT	-	T	

Of these 62 species, 16 species have a global RL status as these are endemic to the Himalayan region. 12 species have been assigned Critically Endangered (CR) status, 21 species are Endangered (EN), 27 species are Vulnerable (VU) and 2 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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