

## Medicinal Plant species of conservation concern identified for Jammu & Kashmir (JK):

CAMP workshops were held during 1998 at Kullu and MaT 2003 at Shimla to assess the threat status of prioritised Medicinal plants of Jammu & Kashmir. During this process 62 species were assigned the 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 JK	RL status (Global)	Recorded in Trade	Trade 100 MT/yr (dry wt.)
1	<i>Aconitum</i>	<i>chasmanthum</i>	Stapf ex Holmes			0	JK	H	CR	CR(G)	T	
2	<i>Aconitum</i>	<i>heterophyllum</i>	Wall. ex Royle			0	JK	H	CR	CR(G)	T	H
3	<i>Arnebia</i>	<i>benthami</i>	(Wall. ex G.Don) Johns			0	JK	H	CR	CR(G)	T	
4	<i>Betula</i>	<i>utilis</i>	D.Don			0	JK	T	CR	-	T	
5	<i>Dactylorhiza</i>	<i>hatagirea</i>	(D.Don) Soo			0	JK	H	CR	-	T	
6	<i>Gentiana</i>	<i>kurroo</i>	Royle			0	JK	H	CR	CR(G)	T	

7	<i>Lilium</i>	<i>polyphyllum</i>	D.Don ex Royle	0	JK	H	CR	-		
8	<i>Saussurea</i>	<i>costus</i>	(Falc.) Lipsch.	0	JK	H	CR	CR(G)	T	H
9	<i>Swertia</i>	<i>chirayita</i>	(Roxb. ex Flem.) Karst.	0	JK	H	CR	-	T	H
10	<i>Aconitum</i>	<i>deinorrhizum</i>	Stapf	0	JK	H	EN	-	T	
11	<i>Angelica</i>	<i>glauca</i>	Edgew.	0	JK	H	EN	EN(G)	T	
12	<i>Arnebia</i>	<i>euchroma</i>	(Royle) John.	0	JK	H	EN	-	T	
13	<i>Atropa</i>	<i>acuminata</i>	Royle ex Lindl.	0	JK	H	EN	-	T	
14	<i>Balanophora</i>	<i>involucrata</i>	Hook.f.	0	JK	H	EN	-		
15	<i>Bunium</i>	<i>persicum</i>	(Boiss.) Fedts.	0	JK	H	EN	-		
16	<i>Cinnamomum</i>	<i>tamala</i>	(Buch.-Ham.) Nees	0	JK	T	EN	-	T	H
17	<i>Datisca</i>	<i>cannabina</i>	L.	0	JK	H	EN	-		
18	<i>Didymocarpus</i>	<i>pedicillata</i>	R. Br.	0	JK	H	EN	-	T	
19	<i>Dioscorea</i>	<i>deltoidea</i>	Wall. ex Griseli	0	JK	C	EN	EN(G)	T	
20	<i>Ephedra</i>	<i>gerardiana</i>	Wall. ex Stapf.	0	JK	S	EN	-	T	H
21	<i>Fritillaria</i>	<i>roylei</i>	Hook.	0	JK	H	EN	EN(G)	T	
22	<i>Habenaria</i>	<i>intermedia</i>	D.Don	0	JK	H	EN	EN(G)		
23	<i>Juniperus</i>	<i>polycarpus</i>	C. Koch.	0	JK	S	EN	-		
24	<i>Jurinea</i>	<i>dolomiaea</i>	Boiss.	0	JK	H	EN	-	T	H
25	<i>Litsea</i>	<i>glutinosa</i>	(Lour.)	0	JK	T	EN	-	T	H

			Robinson							
26	<i>Meconopsis</i>	<i>aculeata</i>	Royle	0	JK	H	EN	EN(G)		
27	<i>Paris</i>	<i>polyphylla</i>	Sm.	0	JK	H	EN	-	T	
28	<i>Picrorhiza</i>	<i>kurrooa</i>	Royle ex Benth.	0	JK	H	EN	-	T	H
29	<i>Podophyllum</i>	<i>hexandrum</i>	Royle	0	JK	H	EN	-	T	
30	<i>Rheum</i>	<i>emodi</i>	Wall. ex Meissn.	0	JK	H	EN	EN(G)	T	H
31	<i>Taxus</i>	<i>wallichiana</i>	Zucc.	0	JK	T	EN	-	T	H
32	<i>Aconitum</i>	<i>violaceum</i>	Jacq. ex Stapf	0	JK	H	VU	VU(G)	T	
33	<i>Allium</i>	<i>stracheyi</i>	Baker	0	JK	H	VU	VU(G)	T	
34	<i>Artemisia</i>	<i>maritima</i>	L.	0	JK	H	VU	-	T	
35	<i>Bergenia</i>	<i>stracheyi</i>	(Hook.f. & Thoms.) Engl.	0	JK	C	VU	-	T	
36	<i>Ceropegia</i>	<i>bulbosa</i>	Roxb.	0	JK	C	VU	-		
37	<i>Colchicum</i>	<i>luteum</i>	Baker	0	JK	H	VU	VU(G)	T	
38	<i>Embelia</i>	<i>tsjeriam-cottam</i>	(Roem. & Schult.) A. DC.	0	JK	S	VU	-	T	H
39	<i>Eremostachys</i>	<i>superba</i>	Royle ex Benth.	0	JK	H	VU	VU(G)		
40	<i>Ferula</i>	<i>jaeschkeana</i>	Vatke	0	JK	H	VU	-	T	
41	<i>Gloriosa</i>	<i>superba</i>	L.	0	JK	C	VU	-	T	H
42	<i>Heracleum</i>	<i>lanatum</i>	Michx.	0	JK	H	VU	-	T	

43	<i>Hippophae</i>	<i>rhamnoides</i>	L.	0	JK	S	VU	-	T	
44	<i>Hyoscyamus</i>	<i>niger</i>	L.	0	JK	H	VU	-	T	
45	<i>Hypericum</i>	<i>perforatum</i>	L.	0	JK	H	VU	-	T	
46	<i>Physochlaena</i>	<i>praealta</i>	(Walp.) Miers.	0	JK	H	VU	-		
47	<i>Polygonatum</i>	<i>multiflorum</i>	(L.) All.	0	JK	H	VU	-	T	
48	<i>Polygonatum</i>	<i>verticillatum</i>	(L.) All.	0	JK	H	VU	-	T	
49	<i>Rauvolfia</i>	<i>serpentina</i>	(L.) Benth. ex Kurz	0	JK	H	VU	-	T	H
50	<i>Rheum</i>	<i>moorcroftianum</i>	Royle	0	JK	H	VU	-	T	H
51	<i>Rheum</i>	<i>spiciforme</i>	Royle	0	JK	H	VU	-		
52	<i>Rheum</i>	<i>webbianum</i>	Royle	0	JK	H	VU	VU(G)	T	H
53	<i>Rhodiola</i>	<i>heterodonta</i>	(Hook.f. & Thoms.) Boriss	0	JK	H	VU	VU(G)		
54	<i>Rhododendron</i>	<i>anthopogon</i>	D.Don	0	JK	S	VU	-	T	H
55	<i>Rhododendron</i>	<i>campanulatum</i>	D.Don	0	JK	S	VU	-	T	
56	<i>Roylea</i>	<i>cinerea</i>	(D. Don) Baillon	0	JK	S	VU	VU(G)		
57	<i>Saussurea</i>	<i>obvallata</i>	(DC.) Edgew.	0	JK	H	VU	-		
58	<i>Valeriana</i>	<i>jatamansi</i>	Jones	0	JK	H	VU	-	T	H
59	<i>Zanthoxylum</i>	<i>armatum</i>	DC.	0	JK	S	VU	-	T	
60	<i>Malaxis</i>	<i>muscifera</i>	(Lindl.) Kuntze	0	JK	H	NT	-		
61	<i>Rhododendron</i>	<i>lepidotum</i>	Wall. ex D.Don	0	JK	T	NT	-		

62 *Saussurea gossypiphora* D.Don 0 JK H NT -

Of these 62 species, 18 species have a global RL status as these are endemic (or nearly so) to the state/region. 9 species have been assigned Critically Endangered (CR) status, 22 species are Endangered (EN), 28 species are Vulnerable (VU) and 3 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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