

threatened plants species have been listed (Table -1) in Harda district of Madhya Pradesh of which two species are under Critically endangered category, eight plant species are recorded under Endangered category, 13 plant species are found under vulnerable category, 08 plants species are observed under Near threatened category.

Critically endangered (CR): A taxon is critically endangered when it is facing an extremely high risk of extinction in the wild in the immediate future. *Leea macrophylla* Roxb. Ex. Hornem. *Geodorum densiflorum* (Lam.) Schl. come under this category.

Endangered (EN): A taxon is endangered when it is not critically endangered but is facing a very high risk of extinction in the wild in the near future. The following eight taxa come under this category. *Pterocarpus marsupium* Roxb., *Sarcostemma acidum* L., *Costus speciosus* (J. Koenig) J. E. Sm., *Uraria picta* (Jacq.) Devs. Ex. DC, *Croton tiglium* L., *Chlorophytum borivilianum* L., *Plumbago zeylanica* L., *Urginea indica* (Roxb.) Kunth.

Vulnerable (Vu): A taxon is vulnerable when it is not critically endangered or endangered but is facing a high risk of extinction in the wild in the medium future. The following species come under this category. *Tinospora cordifolia* (W.) Miers. Ex. Hook, *Andrographis paniculata* (Brum. f.) Wal. Ex. Nes., *Asparagus racemosus* Willd., *Curculigo orchoides* Gaertn., *Clerodendrum serratum* (L.) Moon., *Trichosanthes cucumerina* L., *Chlorophytum tuberosum* (Roxb.) Baker., *Curcuma angustifolia* Roxb., *Psoralea corylifolia* L., *Capparis decidua* (Forsk.) Edgew., *Flacourtia indica* (Burm. F.) Merr., *Casearia elliptica* Willd., *Cleome viscosa* L.

Near threatened (NT): *Boerhavia diffusa* L., *Echinops echinatus* Roxb. *Solanum nigrum* L., *Helicteres isora* L., *Hemidesmus indicus* (L.) R. Br., *Mucuna puriens* (L.) DC, *Enicostema axillare* (Lam.) A., *Cocculus hirsutus* (L.) Diels, species come under this category.

Table 1: Threatened Medicinal plants

Botanical name	Local name	Family	Medicinal use	Status
<i>Abelmoscus moschatus</i> Medic.	Jangli bhindi	Malvaceae	Root powder is given for Abortifacient	LC
<i>Abrus precatorious</i> L.	Ratti	Papilionaceae	Root paste is applied in cuts	LC
<i>Abutilon indicum</i> (L.) Sweet.	Kanghi	Malvaceae	Root juice is given for Abortifacient	LC
<i>Acacia nilotica</i> (L.) Willd ex. Del.	Babul	Mimosaceae	Pod powder is given in piles	LC
<i>Achyranthes aspera</i> L.	Hathijaro	Amaranthaceae	Root paste is applied in cuts	LC
<i>Aegle marmelosa</i> (L.) C. Orea	Bel	Rutaceae	Fruit is eaten in Diarrhea	LC
<i>Aloe vera</i> L.	Guwarphata	Liliaceae	Leaves paste is applied on cuts	LC
<i>Alysicarpus tetragonolbus</i> Edge.	Sevro	Papilionaceae	Stem juice is used in Rheumatism	LC
<i>Ampelocissus latifolia</i> (Roxb.) planch	Panibel	Vitaceae	Root juice is given in Snake bite	LC
<i>Andrographis paniculata</i> (Brum. f.)Wal. Ex. Nes.	Kirayta	Acanthaceae	Leaf juice is given in fever	VU
<i>Argemone mexicana</i> L	Katlasha	Papaveraceae	Stem latex is applied on cuts	LC
<i>Asparagus racemosus</i> Willd.	Satawari	Liliaceae	Root is used as tonic	VU
<i>Bacopa monnieri</i> (L.) Wetst	Jalneem	Scrophulariaceae	Leaf powder is given for memory increase	LC
<i>Barleria montana</i> L.	Haldibel	Acanthaceae	Root paste is applied in Joint pain	LC
<i>Biophytum sensitivum</i> (L.) DC	Rajal	Oxalidaceae	Root powder is given in Diarrhea and Dysentery	LC
<i>Boerhavia diffusa</i> L.	Punarnav	Nyctaginaceae	Root powder is given in Kidney problem	NT
<i>Butea monosperma</i> (Lamk.)Taub.	Palash	Fabaceae	Seed is applied on Snake bite	LC
<i>Calotropis procera</i> (Aiton) R.Br.	Aakda	Asclepidaceae	Hollow stem having Jira used as smoke to cure Asthma	LC
<i>Capparis decidua</i> (Forsk.)Edgew	Karil	Capparidaceae	Seed powder is given in Snake bite	VU
<i>Casearia elliptica</i> Willd.	Kirchi	Flacourtiaceae	Root powder is given after delivery for strengthening	VU
<i>Cassia fistula</i> L.	Amaltas	Caesalpiniaceae	Pod paste is eaten in piles	LC
<i>Chlorophytum borivilianum</i> L.	Musali	Liliaceae	Root powder is used as a tonic	EN
<i>Chlorophytum tuberosum</i> (Roxb.)Baker	Dawali Musali	Liliaceae	Root powder is given after delivery for strengthening	VU
<i>Cleome viscosa</i> L.	Chipakaniyo	Cleomaceae	Root powder is given in boils	VU
<i>Clerodendrum serratum</i> (L.) Moon	Barangi	Verbenaceae	Root powder is given in cough	VU
<i>Clitoria ternatea</i> L.	Supadi	Papilionaceae	Seed powder with honey is used for memory increase	LC
<i>Cocculus hirsutus</i> (L.) Diels	Wachaniyo	Menispermaceae	Stem juice is given in Gynecological Problem	NT
<i>Convolvulus arvensis</i> L.	Bilrihara	Convolvulaceae	Flower powder is used for memory increase	LC
<i>Costus speciosus</i> (J.koen.) J.E.Sm.	Kevkand	Costaceae	Tuber powder is given cough	EN
<i>Crinum latifolium</i> L.	Sudarshan	Amaryllidaceae	Bulb juice is given for Antisterility	LC
<i>Croton tiglium</i> L.	Jamalghota	Euphorbiaceae	Seed powder is given in intestinal disorder	EN
<i>Curculigo orchoides</i> Gaertn.	Kalimusali	Hypoxidaceae	Rhizome paste is applied on healing	VU
<i>Curcuma angustifolia</i> Roxb.	Tikhur	Zingiberaceae	Tubers extract is given in Diarrhea	VU
<i>Cuscuta reflexa</i> Roxb.	Amarbel	Cuscutaceae	Stem juice is given in jaundice	LC
<i>Cyperus rotundus</i> L.	Nagarmotha	Cyperaceae	Tubers powder is given in Dysentery	LC
<i>Desmodium triflorum</i> (L.)DC	Kudaliya	Papilionaceae	Leaf juice is given in Diarrhea	LC
<i>Echinops echinatus</i> Roxb.	Ootkanta	Asteraceae	Root powder is given in Gynecological Problem	NT

<i>Enicostema axillare (Lam.) A.</i>	Nai	Gentianaceae	Dried leaf powder is given in morning for good health & fever.	NT
<i>Evolvulus alsinoides (L.) L.</i>	Sankpuspi	Convolvulaceae	Leaf powder is given in Bronchitis	LC
<i>Flacourtia indica (Burm.f.) Merr.</i>	Kakai/Kaju	Flacourtiaceae	Leave juice is given in Snake bite	VU
<i>Geodorum densiflorum (Lam.) Schl.</i>	Kukarkand	Orchidaceae	Bulb juice is given for Antisterility	CR
<i>Grewia abutilifolia Vent. ex. Juss.</i>	Chikankathi	Tiliaceae	Fruit is eaten and leaf paste is used for cooling	LC
<i>Helicteres isora L.</i>	Morodfali	Starculaceae	Fruit powder is given in Diarrhea	NT
<i>Hemidesmus indicus (L.) R.Br</i>	Anantmul	Asclepidaceae	Root paste is applied in Joint pain	NT
<i>Holarrhena pubescens (Buc.Ham.) Wal. G. Don.</i>	Kurchi	Apocynaceae	Bark extract is given in Diarrhea	LC
<i>Leea asiatica L.</i>	Hatikan	Leaceae	Flower paste is applied on wounds	LC
<i>Leea macrophylla Roxb. ex. Hornem.</i>	Hatikan	Leaceae	Root paste is applied in skin disease	CR
<i>Mucuna puriens (L.) DC</i>	Kouch	Papilionaceae	Leaf paste is applied on skin for cooling	NT
<i>Oxalis corniculata L.</i>	Khato panto	Oxalidaceae	Root powder is given in Stomach ache	LC
<i>Plumbago zeylanica L.</i>	Chitrak	Plumbaginaceae	Root powder is given in Cardiac disease	EN
<i>Psoralea corylifolia</i>	Bavachi	Papilionaceae	Root paste is applied in skin disease	VU
<i>Pterocarpus marsupium Roxb.</i>	Bijasal	Papilionaceae	Bark extract is given in Diarrhea and Dysentery	EN
<i>Pueraria tuberosa (Rox.ex.Wil.) DC</i>	Vidari kand	Papilionaceae	Root powder is given in Urinary disease	LC
<i>Sarcostemma acidum (L.) R.Br.</i>	Samarbel	Asclepidaceae	Stem paste is applied in Bone fracture	EN
<i>Solanum nigrum L.</i>	Makoi	Solanaceae	Leaf paste is applied on skin for cooling	NT
<i>Terminalia cuneata L.</i>	Arjun	Combritaceae	Bark extract is given in Cardiac disease	LC
<i>Tinospora cordifolia (W) Mier. Ex Hook.</i>	Gudbel	Menispermaceae	Stem juice is given in fever	VU
<i>Tribulus terrestris L.</i>	Gokharu	Zygophyllaceae	Leaf juice is given in intestinal disorder	LC
<i>Trichosanthes cucumerina L.</i>	Kanduri	Cucurbitaceae	Rhizome powder is given in Pneumonia	VU
<i>Tridax procumbens L.</i>	Baramdandi	Compositae	Leaves paste is applied on cuts	LC
<i>Typha angustata L</i>	Pandal	Typhaceae	Inflorescences paste is applied in cuts	LC
<i>Uria picta (Jacq.) Devs. ex. DC</i>	Dubra	Papilionaceae	Root paste is applied on Snake bite	EN
<i>Urginea indica (Roxb.) Kunth.</i>	Jangli kando	Liliaceae	Bulb juice is given in male erectile disinfection	EN
<i>Vitex negundo L.</i>	Nirgundi	Verbenaceae	Leaf paste is applied on Joint pain	LC
<i>Woodfordia fruticosa (L.) Kurz.</i>	Banmahendi	Lytharaceae	Flower paste is applied on lucoderma	LC

Abbreviation: C=Common, VU= Vulnerable, CR= Critically Endangered, EN= Endangered, NT= Near threatened, LC = Least concern

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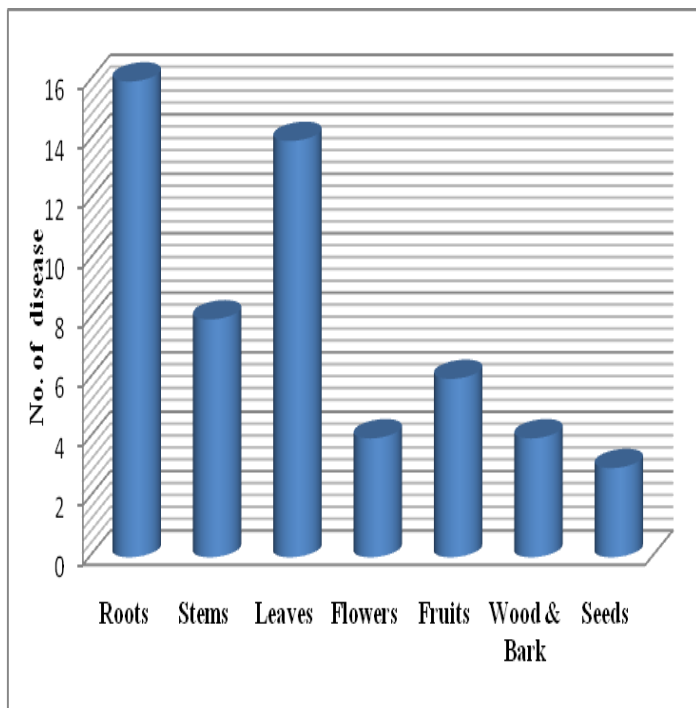


Figure 1: Different plant parts used in different diseases Informants showing *Leea asiatica* (L.) Ridsdale



Sealing of ethnomedicinal plants Sealing of ethnomedicinal plants