
MEDICINAL PLANTS OF FAMILY ASTERACEAE OF BUNDELKHAND REGION (U.P)

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Abstract: An account of 34 species of 25 genera with their medicinal information of family Asteraceae from Bundelkhand region of Uttar Pradesh has been given in this paper.

Keywords: Asteraceae, Medicinal, Bundelkhand region.

INTRODUCTION

Bundelkhand has been considered as a structural entity on the basis of topography, climate, soil, geography and socio-culture profile. It is one of the rich and interesting transitional botanical regions between Gangetic plain and Deccan Plateau and has quite varied flora. The Bundelkhand region lies between 23°08' N and 26°30' N latitude and 78°11' E and 81°30' E longitude. It comprises seven districts ie Banda, Jalaun, Lalitpur, Hamirpur, Jhansi, Mahoba and Chitrakoot. The forest of Bundelkhand region is Tropical dry deciduous type. Asteraceae family is one of the largest plant families of angiosperm with over 25,000 species and 1600 genera distributed throughout the world. In India, the family is represented by 1052 species under 161 genera. The author has collected 34 species and 25 genera from Bundelkhand region of eastern Uttar Pradesh. The collected species were identified with publish flora of Duthie. All the species are provided with part used and their medicinal uses (**Table 1**). All the specimens collected have been deposited in the Duthie Herbarium, Botany Department, University of Allahabad, Allahabad.

Table 1. List of medicinal plant of family Asteraceae in Bundelkhand region

S.No.	Name of the Species	Part Used	Medicinal Uses
1.	<i>Acanthospermum hispidum</i> D C.	Whole plant	Burns, epilepsy
2.	<i>Ageratum conyzoides</i> L.	Leaves	Cuts, Sores, Wounds, Malarial fever, Diarrhoea
3.	<i>Ageratum hasutonianum</i> Mill.	Whole plant	Rheumatism, Diarrhoea
4.	<i>Amberboa ramosa</i> (Roxb.) Jafri	Whole plant	Burns, epilepsy, Atonic-sizzure
5.	<i>Artemisia japonica</i> Thunb.	Leaf	Sore throats
6.	<i>Blumea bifoliata</i> (L.) DC.	Whole plant	Leucorrhoea, Skin disease
7.	<i>Blumea lanciniata</i> (Roxb.) DC.	Leaf	Rheumatism
8.	<i>Blumea lacera</i> (Burm. F.) DC.	Whole plant	Piles
9.	<i>Blumea membranacea</i> Wall. ex DC.	Whole plant	Body pain
10.	<i>Blumea mollis</i> (D. Don.) Merr.	Flower	Conjunctivitis
11.	<i>Blumea oxyodonta</i> DC.	Whole plant	Leucorrhoea
12.	<i>Caesulia axillaris</i> Roxb.	Whole plant	Headache
13.	<i>Centipeda minima</i> (L.) A. Br. & Aschers	Inflorescence	Epilepsy
14.	<i>Chrysanthellum americanum</i> (L.) Vatke	Whole plant	Diarrhea, Fever, Boils
15.	<i>Conyza canadensis</i> (L.) Cronq.	Whole plant	Swelling
16.	<i>Cotula anthemoides</i> L.	Inflorescence	Rheumatism
17.	<i>Cyathocline purpurea</i> (Ham. ex. D.Don) Kuntze	Leaf, Flower	Headache
18.	<i>Echinops echinatus</i> Roxb.	Root	Snake & Scorpion bite, Kill hair lice
19.	<i>Eclipta alba</i> (L.) L.	Whole plant	Burn, Hair fall
20.	<i>Elephantopus scaber</i> L.	Root	Rheumatism
21.	<i>Emilia sonchifolia</i> (L.) DC.	Leaf	Inflammation, Night

			blindness, Diarrhoea
22.	<i>Gnaphalium luteo-album</i> L.	Leaf	Wound, Bleeding
23.	<i>Gnaphalium pulvinatum</i> Delile	Whole plant	Toothache
24.	<i>Grangea maderaspatana</i> (L.) Poir.	Flower, Leaf	Epilepsy, Earache, Mensuration irregularities, Hysteria
25.	<i>Launaea asplenifolia</i> (Willd.) Hook. f.	Root	Lactagogue
26.	<i>Launaea procumbens</i> (Roxb.) Ramayya & Rajgopal	Leaf	Fever
27.	<i>Pentanema vestitum</i> (Wall. ex DC.) Ling	Leaf, Flower	Irreversible sterility in women
28.	<i>Pulicaria crispa</i> (Cass.) Benth. & Hook. f.	Whole plant	Headache, Wounds
29.	<i>Sonchus asper</i> (L.) Hill.	Whole plant	Wound, Boils
30.	<i>Sonchus oleraceus</i> L.	Root, Leaf, Flower	Fever, Toothache, Salvation, Dysentery
31.	<i>Sphaeranthus senegalensis</i> DC.	Whole plant	Headache, Cough, Jaundice
32.	<i>Tridax procumbens</i> L.	Leaf, Root	Skin disease, Scorpion bite
33.	<i>Vernonia cinerea</i> (L.) Less.	Whole plant	Leucorrhoea, Piles, Conjunctivitis, Skin disease
34.	<i>Xanthium indicum</i> Koen.	Seed, Flower	Headache, Toothache, Rheumatism

Acknowledgement

The author is cordially grateful to the Prof. Satya Narain of Botany Department, Duthie Herbarium, University of Allahabad, Allahabad for providing facilities.

References

1. **Duthie, J.F. 1903-29.** Flora of Upper Gangetic Plain and of the adjacent Siwalik and Sub- Himalayan tract. 3 Vol. Calcutta (3rd Vol. Completed by R.N. Parker & W.B. Turrill) (Reprinted ed. Calcutta, 2 Vol. 1960).
2. **Edgeworth, M.P 1852.** Catalogue of Plants found in Banda district *J. Astat. Soc. Beng.* **21**: 24-28.
3. **Kanjilal, P.C. 1933.** A forest Flora of Pilibhit, Oudh, Gorakhpur & Bundelkhand. Allahabad (Reprinted ed. Delhi 1982).
4. **Narain, S. 2002.** Biological Spectrum of Hamirpur District (U.P.) *J. Econ. Taxon. Bot.* **26**(1): 219-222.
5. **Anil K. Uniyal, Chatar Singh, Bhupendra Singh, Munesh Singh & Jaime A. Teixeira da Silva 2011.** Ethnomedicinal Uses of Wild plants in Bundelkhand region, Uttar Pradesh, India. *Medicinal and Aromatic Plant Science and Biotechnology* **5**(1): 81-86.
6. **Vinod Kumar, Alok Krishna, R.K. Verma & P. Singh 2013.** An inventory of Medicinal Plants used in traditional healthcare practices in Bundelkhand region of Central India. *International Journal of Current Research* **5**(2): 027-036.
7. **Raj Kumar Verma 2016.** Ethnomedical knowledge of plant used by elderly learned and experienced knowledgeable persons in remote villages of Jhansi and Lalitpur district of Bundelkhand region, India. *International Journal of Plant Sciences* Vol. II.2: 345-354.