

Identification of Common Indian Medicinal Plants

V.N. Naik



FRUITED BY DR. P. K. SINGH

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PREFACE

Research in any discipline of plant science demands proper identification of the raw material i.e. species as its pre – requisite. Even in the field of taxonomy, the material has to be identified initially and the improved taxonomic interpretation may follow subsequently. This is particularly so, in case of research in medicinal plants, which are then used in the manufacture of life saving medicines. But, unfortunately it is noticed that many practitioners in the Ayurvedic System of Medicine do not care for the proper identification of plant species being employed to heal the diseased patients. As a result, much of the research in Ayurveda in this country proves to be useless. The foundation of plant identification itself is not very sound in our country and the students of II year B.A.M.S., with Drawyagn as one of the compulsory subjects, do not fair-well in the examinations.

Most of the Ayurvedic medicines available in the market today, do not yield the desired effects. Here again the difficulty lies mainly in proper identification of the raw material used in the manufacture of the medicine. Most of the pharmacists are unaware of the purity of the raw material.

In our country, there are very few cultivators of medicinal plants. Most of the cultivators do not know exactly what they are growing. They do not have the reliable source of supply of pure planting material.

Majority of the students of Botany and Ayurveda do not have experience in plant identification, mainly because they are not trained in this discipline.

Considering all the above problems, it was realized that, the persons in the field of Ayurved, Agriculture, Botany, Medicine and Pharmacy together with those in Forestry and Trade should be

provided with an easy tool to identify plant materials based on their external features, in a scientific manner.

The present work is an outcome of long-standing experience in the field of Taxonomy and particularly in the Floristic studies.

The entire work is presented in five uneven chapters. The first chapter deals with the botanical terminology used in the identification and its explanation together with suitable illustrations. The second chapter provides a glossary of all such technical terms and their explanation in brief. The third chapter provides a dichotomous bracket key to the identification of plant families and the fourth chapter provides key to the identification of more than 600 Indian plant species used in Ayurvedic medicines. These include more than 350 species prescribed in the syllabus of II year B.A.M.S. The fifth chapter provides a list of all these medicinal plants with Latin, Sanskrit, Marathi, and Hindi names and their parts used in medicine.

In the keys, pairs of contrasting character states are listed serially (serial numbers listed on the left-hand side) and on the right-hand side the numbers indicate the next step to be followed until one reaches the conclusion. The plant families are according to the recent systems of plant classification. They do not correspond exactly to those given by Charak, Sushrut or Wagbhat.

It is hoped, that, this key will help students of Ayurved, Agriculture, Botany, Forestry, Medicine and Pharmacy in identification of entire plant or plant parts.

Aurangabad

V.N. Naik

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001	<i>Andrographis paniculata</i>	कालमेघ
002	<i>Barleria prionitis</i>	सहचर
003	<i>Crossandra infundibuliformis</i>	सैरेयक
004	<i>Hygrophila schulli</i>	कोकिलाक्ष
005	<i>Rhinacanthus nasutus</i>	यूथिपर्णी
006	<i>Trianthema portulacastrum</i>	वसु
007	<i>Celosia argentea</i>	शितवार
008	<i>Anacardium occidentale</i>	काजू
009	<i>Semecarpus anacardium</i>	भल्लातक
010	<i>Centella asiatica</i>	मंडुकपर्णी
011	<i>Foeniculum vulgare</i>	मिश्रेया
012	<i>Alstonia scholaris</i>	सप्तपर्ण
013	<i>Carissa congesta</i>	करमर्दक
014	<i>Holarrhena pubescens</i>	कुटज
015	<i>Nerium oleander</i>	करवीर
016	<i>Acorus calamus</i>	वचा
017	<i>Borassus flabellifer</i>	ताल
018	<i>Phoenix sylvestris</i>	विट खर्जूर
019	<i>Calotropis gigantea</i>	अर्क
020	<i>Gymnema sylvestre</i>	मधुनाशिनी
021	<i>Tylophora indica</i>	पित्तवल्ली
022	<i>Echinops echinatus</i>	उत्कटक
023	<i>Elephantopus scaber</i>	गोजिष्ठा

Continue

024	<i>Sphaeranthus indicus</i>	मुंडी
025	<i>Spilanthes oleracea</i>	अक्कलकारा
026	<i>Averrhoa carambola</i>	कर्मरंग
026a	<i>Dolichandrone falcata</i>	मेषशृंगी
027	<i>Oroxylum indicum</i>	शयोनक
028	<i>Bixa orellana</i>	सिंदूरी
029	<i>Bombax ceiba</i>	शाल्मली
030	<i>Ananas comosus</i>	अननस
031	<i>Opuntia elatior</i>	कंथारी
032	<i>Bauhinia racemosa</i>	अश्मांतक
033	<i>Caesalpinia bonduc</i>	पूतिकरंज
034	<i>Cassia fistula</i>	अरग्वध
034a	<i>Cassia senna</i>	स्वर्णपत्री
035	<i>Saraca asoca</i>	अशोक
036	<i>Cadaba fruticosa</i>	हबब
037	<i>Capparis decidua</i>	करीर
038	<i>Capparis sepiaria</i>	काकादनी
039	<i>Capparis zeylanica</i>	व्याघ्रनखी
040	<i>Crateva adansonii</i>	वरुण
041	<i>Celastrus paniculata</i>	ज्योतिष्मती
042	<i>Cleome viscosa</i>	आदित्यभक्त
043	<i>Garcinia indica</i>	साराम्ल
044	<i>Terminalia arjuna</i>	अर्जुन
045	<i>Terminalia chebula</i>	हरितकी
046	<i>Argyreia nervosa</i>	वृद्धदारक
047	<i>Ipomoea sepiaria</i>	लक्ष्मणा
048	<i>Ipomoea mauritiana</i>	क्षीर विदारी
049	<i>Ipomoea nil</i>	शंखिनी
050	<i>Ipomoea pes-caprae</i>	मर्याद वेल
051	<i>Operculina turpethum</i>	निशोत्तर
052	<i>Kalanchoe pinnata</i>	पर्णबीज
053	<i>Dioscorea bulbifera</i>	वराही कंद
054	<i>Cordia dichotoma</i>	बहुवार
055	<i>Baliospermum solaniifolium</i>	दंती
056	<i>Euphorbia nivulia</i>	स्नूही
057	<i>Mallotus philippensis</i>	कंपिल्लक
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Continue

059	<i>Phyllanthus emblica</i>	आमलकी
060	<i>Phyllanthus reticulatus</i>	कृष्णकांबोज
061	<i>Securinega leucopyrus</i>	कांटेपुवण
062	<i>Abrus precatorius</i>	गुंज
063	<i>Clitoria ternatea</i>	अपराजिता
064	<i>Erythrina suberosa</i>	परिभद्र
065	<i>Mucuna pruriens</i>	कवच बीज
066	<i>Psoralea corylifolia</i>	बाकुची
067	<i>Pueraria tuberosa</i>	विदारी
068	<i>Sesbania grandiflora</i>	अगस्त्य
069	<i>Uraria picta</i>	पृश्नीपर्णी
070	<i>Curculigo orchiodes</i>	तालमुली
071	<i>Coleus barbatius</i>	माईनमूळ
072	<i>Leonotis nepetifolia</i>	मातीसूळ
073	<i>Ocimum tenuiflorum</i>	तुलसी
074	<i>Cinnamomum camphora</i>	कर्पूर
075	<i>Cinnamomum tamala</i>	तमालपत्र
076	<i>Cinnamomum verum</i>	त्वक
077	<i>Careya arborea</i>	कुंभी
078	<i>Aloe vera</i>	कुमारी
079	<i>Asparagus racemosus</i>	शतावरी
080	<i>Drimia indica</i>	वनपलांडु
081	<i>Gloriosa superba</i>	कलिहारी
082	<i>Ammannia baccifera</i>	अग्निपत्री
083	<i>Lawsonia inermis</i>	मेंदिका
084	<i>Woodfordia fruticosa</i>	धातकी
085	<i>Abutilon indicum</i>	अतिबला
086	<i>Hibiscus cannabinus</i>	अंबष्टा
087	<i>Hibiscus rosa-sinensis</i>	जपा
088	<i>Azadirachta indica</i>	कडुनिंब
089	<i>Melia azedarach</i>	महानिंब
090	<i>Tinospora cordifolia</i>	गुडुची
091	<i>Ficus amplissima</i>	प्लक्ष
092	<i>Ficus benghalensis</i>	वड
093	<i>Ficus hispida</i>	काकोदुंबर
094	<i>Ficus microcarpa</i>	नांद्रुक
095	<i>Moringa oleifera</i>	शिगु
096	<i>Myristica sp.</i>	जातिफल

Continue

097	<i>Nelumbo nucifera</i>	पदम
097a	<i>Boerhavia diffusa</i>	पुनर्नवा
098	<i>Nymphaea rubra</i>	रक्त कमल
099	<i>Oxalis corniculata</i>	चांगेरी
100	<i>Pandanus odoratissimus</i>	केतकी
101	<i>Argemone mexicana</i>	सत्यनाशी
102	<i>Pedaliium murex</i>	गोक्षुर
103	<i>Hemidesmus indicus</i>	कृष्णसारिवा
104	<i>Piper longum</i>	पिप्पली
105	<i>Piper nigrum</i>	मरीच
106	<i>Plantago ovata</i>	इशतगोल
107	<i>Plumbago zeylanica</i>	चित्रक
108	<i>Cymbopogon winterianus</i>	कुतृण
109	<i>Desmostachya bipinnata</i>	दर्भ
110	<i>Portulaca oleracea</i>	बृहल्लोणी
111	<i>Clematis heynei</i>	मोरवा
112	<i>Catunaregam spinosa</i>	मदन
113	<i>Ixora coccinea</i>	पनकुळ
114	<i>Neolamarckia chinensis</i>	कदंब
115	<i>Citrus aurantifolia</i>	निंबुक
116	<i>Madhuca indica</i>	मधुक
117	<i>Bacopa monnieri</i>	ब्राह्मी
118	<i>Solanum virginianum</i>	कंटकारी
119	<i>Strychnos nux-vomica</i>	विष तिंदूक
120	<i>Clerodendron serratum</i>	भार्ली
121	<i>Vitex negundo</i>	निर्गुंडी
122	<i>Alpinia galanga</i>	कोष्ठ कुलिंजन
123	<i>Costus speciosus</i>	केमुक
124	<i>Guaiacum officinale</i>	जीवदारु
125	<i>Tribulus terrestris</i>	क्षुद गोक्षुर



Saraca asoca (अशोक)



Cadaba fruticosa (हल्दी)



Capparis decidua (करीर)



Capparis sepium (कैलादनी)



Capparis zeylanica (व्याघ्रनखी)



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Celastrus paniculata
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Cleome viscosa
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Sphaeranthus indicus (मुंडी)



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Solanthes oleracea (अक्कलकारा)



26

Averrhoa carambola (कर्मरंग)



26A

Dolichandrone falcata (मेषशृंगी)



15.

Nerium oleander
(करवीर)



16.

Acorus calamus
(वाम)



17.

Coryassus flabellifer
(ताल)



18.

Phoenix sylvestris
(वीट खजूर)



19.

Calotropis gigantea
(अक)



20.

Gymnema sylvestre
(मधुनाशिनी)



9

Semecarpus anacardium (भल्लातक)



10

Centella asiatica (सर्पगन्ध)



Foeniculum vulgare (मिश्रैय)



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Alstonia scholaris (सप्तपर्ण)



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Carissa congesta (करमर्दक)



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Holarrhena pubescens (कुटज)

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