



International Journal of Herbal Medicine

Available online at www.florajournal.com



E-ISSN: 2321-2187
P-ISSN: 2394-0514
IJHM 2015; 3(4): 08-18
Received: 15-08-2015
Accepted: 16-09-2015

Anand Kumar Mishra
Department of Botany, Jamia
Hamdard, Hamdard Nagar, New
Delhi-110062, India.

Maheshwar Prasad Sharma
Department of Botany, Jamia
Hamdard, Hamdard Nagar, New
Delhi-110062, India.

Harbhajan Singh
National Institute of Science
Communication and Information
Resources (NISCAIR) Dr. K. S.
K. Marg, New Delhi-110012,
India.

Floristic diversity of Delhi, India: A checklist

Anand Kumar Mishra, Maheshwar Prasad Sharma, Harbhajan Singh

Abstract

The present work has been carried out to collect information about different plant species in Flora of Delhi. During the present investigation, 377 genera and 551 species belonging to 90 angiospermic families have been recorded. The ratio of species belonging to monocots to Dicots is 1:4.34, of genera 1.3.83 and of families 1.5.42. The Fabaceae and Poaceae are the largest families in Dicots and Monocots respectively. Update nomenclature has been provided. Basionyms and synonyms have been avoided for economy of space. The study also reveals that the ecological balance is being harmed due to rapid rise in human population, industrialization and stress on natural resources for its maximum utilization.

Keywords: Floristic diversity, plant species, Delhi

1. Introduction

Floristic diversity refers to the variety and variability of plants in a given region. It refers to the number of types or taxa in a given region or group. Floristic diversity can be measured at any level from overall global diversity to ecosystem, community, species, populations, individuals and even to genes within a single individual. Floristic studies also help us to understand the basic aspects of biology such as speciation, isolation, endemism and evolution. A lot of ecological factors, mostly biotic, change the floristic components. The total number of species may be changed; dominant species may be replaced with other species; the floristic composition, i.e.; family: genus: species ratio may be changed^[15]. The world flora consisted 2, 50,000 angiospermic species while Indian flora contained 17,527 flowering species^[4]. India is one of the 12 mega diversity centers of the world where Western Ghats and the Eastern Himalayan region constitute 2 of the 25 biodiversity hotspots representing a storehouse of several promising economically important plants^[13, 14]. Floristic diversity of a habitat contains wild species and genetic variation useful in the development of agriculture, medicines and industry^[25]. Delhi ridge and Yamuna River and its bank are very important part of Delhi flora. Delhi Ridge is an extension of Aravallis-The Oldest Mountain chain in India. This extends into Delhi from Haryana at Tughlakabad Bhatti mines- Dera Mandi axis moving north, covering parts of Delhi Cantt., Lutyen's Zone and culminating at Delhi University. Delhi Ridge and Yamuna River banks are home of many wild plant species of flora of Delhi.

Late Dr. J. K. Maheshwari had been explored the Flora of Delhi in 1950 and published 478 species in his book '*The Flora of Delhi*'^[9]. After Late Dr. Maheshwari, there was no serious attempt to study the floristic diversity of Delhi as evidenced by few published reports such as, (Dakshini and Vijayaraghavan^[2]; Raizada,^[17]; Viswanathan *et al.*,^[26, 27]; Viswanathan and Singh,^[28]; Sharma and Ahmed,^[18, 19, 20, 22]; Sharma,^[21, 23, 24]; Lal,^[8]; Kumar and Yadav^[6]; Naithani *et al.*,^[15]; Mishra *et al.*,^[11, 12]. The present study aims to highlight the floristic diversity of herbs, shrub, trees, grasses, climbers, sedge and parasites of Delhi region.

Study Area

The National capital territory of Delhi is a narrow strip of the indo-gangetic plains which occupies characteristic position between Thar Desert, Aravali range and the Himalayas. The tract is located in the northwest indogangetic plains^[6]. It comes under transgangetic plains region. Delhi is located in northern India between the latitudes of 28°-24'-17" and 28°-53'-00" North and longitudes of 76°-50'-24" and 77°-20'-37" East (fig. 1). Delhi shares borders with the States of Uttar Pradesh and Haryana. Delhi has an area of 1,483 sq. Kms. Its maximum length is 51.90 kms and greatest width is 48.48 kms^[3]. Monsoon arrives in Delhi in the last week of June or first week of July. The average annual rainfall in is 66.6 cm. Delhi contains mean annual maximum temperature is 46 °C as well minimum is 4 °C due to which December

Correspondence:

Anand Kumar Mishra
Department of Botany, Jamia
Hamdard, Hamdard Nagar, New
Delhi-110062, India.

is coldest and June is hottest month. The Ridge of Delhi and its neighbouring hill tracts represent the characteristic, natural flora of the state, which is a tropical, thorny, secondary, Forest, commonly known as 'rakhs' or an arid, open, scrub forest [9].

Yamuna River flows 48 km² in Delhi region and occupied 97 km² of total geographical of this very important historical and political state of India

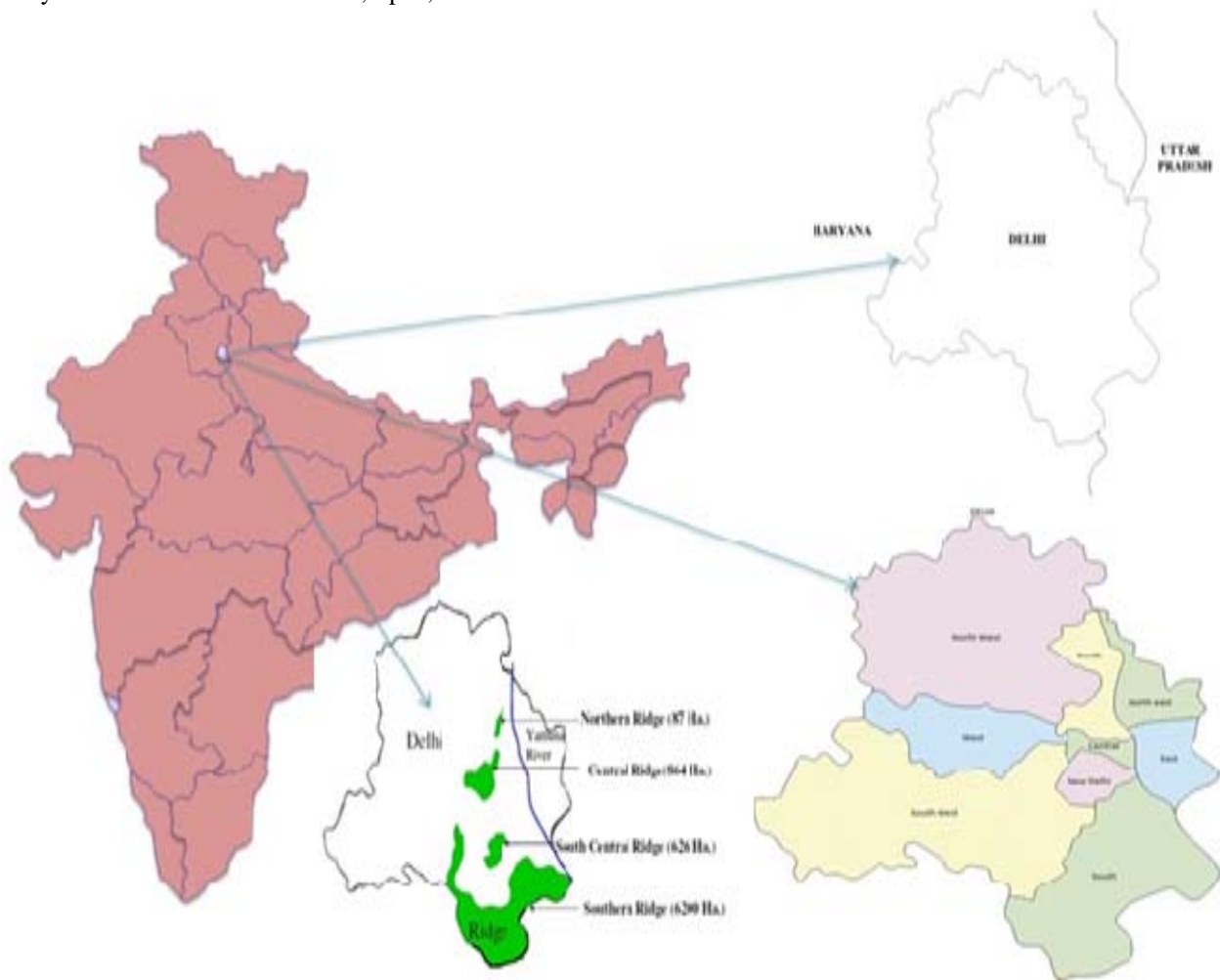


Fig 1: Map of Study Area

2. Methodology

During the investigation regular field trips were undertaken in monsoon, late monsoon, winter and summer due to the availability of different plants in the seasons. The plant specimens were collected during different reproductive stages and after their authentication, herbarium specimen was prepared. The plants were identified with help of the help of *The Flora of Delhi* [9] and *Illustrations of the Flora of Delhi* [10], *Flora of Haryana* [7], *Flora of North Western Himalaya* [5], *Herbaceous flora of Dehradun* [1]; Final identification of the collected specimens was done by Prof. M. P. Shrama, Dept. of Botany, Jamia Hamdard, New Delhi and Dr. H.B. Singh, National Institute of Science Communication and Information Resources (NISCAIR), New Delhi. Each plant has been arranged as per Bentham and Hooker's System of classification. Nomenclature update of the specimens was based on the basis of Angiosperm Phylogeny Group (APG) classification (2009). The genera in a family and species in genus are arranged alphabetically. Each plant has been arranged as per Bentham and Hooker's System of classification. The genera in a family and species in genus are arranged alphabetically. The plant species includes scientific name, local name (s), family and habit.

3. Results and discussion

Delhi occupies a floral diversity of 377 genera and 551 species belonging to 90 angiospermic families. Dicots are represented

with 76 families, 299 genera and 448 species whereas monocots are represented with 14 families, 78 genera and 103 species (fig. 2). Fabaceae with 75 species is the most dominant family followed by Poaceae, Asteraceae, Malvaceae, Amaranthaceae, Apocynaceae, Convolvulaceae, Euphorbiaceae, and Lamiaceae (fig. 3). Herbs were the most dominant followed by shrubs, trees, grasses, climbers, sedges, and parasites (fig. 4). Among the genera, *Euphorbia* is the most dominant genus represented by 12 species in Delhi flora. Other major genera include *Heliotropium*, *Hibiscus*, *Sida*, *Solanum*, *Eragrostis*, *Corchorus*, *Acacia*, *Brachiaria*, *Panicum*, *Saccharum*, *Ficus*, *Indigofera*, *Echinochloa*, *Cyperus* and *Ipomoea*, each represented by four or more than four species (fig. 5). Furthermore, 41 families found were monogeneric and 31 were monospecific. Checklist of plant species with their scientific name, family, habit and local name(s) is given (Table 1).

4. Acknowledgements

Authors are thankful to the National institute of science communication and information resources, New Delhi for plant identification process. Authors are also thankful to UGC for financial assistance during the study.

Table 1: Checklist of Plant diversity of the study area

S.No.	Plant Name	Family	Habit	Local Name
1	<i>Ranunculus sceleratus</i> L.	Ranunculaceae	Herb	'Jaldhania'
2	<i>Polyalthia longifolia</i> (Sonn.) Thwaites	Annonaceae	Tree	'Ashok'
3	<i>Cissampelos pareira</i> L.	Menispermaceae	Shrub	'Patal ki bel', 'Nirbsi', 'Jaljamini'
4	<i>Cocculus pendulus</i> (J.R. & G. Frost) Diels	Menispermaceae	Shrub	
5	<i>Cocculus hirsutus</i> (L.) W.Theob.	Menispermaceae	Shrub	'Khareta ki bel', 'Chiretta'
6	<i>Tinospora cordifolia</i> (Willd.) Miers	Menispermaceae	Climber	'Gule'
7	<i>Nymphaea alba</i> L.	Nymphaeaceae	Herb	'Kamal'
8	<i>Argemone mexicana</i> L.	Papaveraceae	Herb	'Unkatera', 'Kateli', 'Kandiar'
9	<i>Fumaria indica</i> (Hausskn.) Pugsley	Papaveraceae	Herb	'Papra', 'Pitpapada'
10	<i>Capsella bursa-pastoris</i> (L.) Medik	Brassicaceae	Herb	
11	<i>Farsetia stylosa</i> R. Br.	Brassicaceae	Herb	
12	<i>Lepidium didymium</i> L.	Brassicaceae	Herb	'Jangli hala', 'Halo' 'Panacholi'
13	<i>Lepidium sativum</i> L.	Brassicaceae	Herb	'Hala', 'Taraaji', 'Alsa'
14	<i>Rorippa Indica</i> (L.) Hiern.	Brassicaceae	Herb	
15	<i>Sisymbrium irio</i> L.	Brassicaceae	Herb	
16	<i>Capparis decidua</i> (Forssk.) Edgew.	Capparaceae	Tree	'Kari', 'Kair', 'Karel'
17	<i>Capparis sepiaria</i> L.	Capparaceae	Shrub	'Heens'
18	<i>Capparis zeylanica</i> L.	Capparaceae	Shrub	
19	<i>Crateva nurvala</i> Buch.-Ham.	Capparaceae	Shrub	'Berna'
20	<i>Maerua arenaria</i> Hook.	Capparaceae	Shrub	
21	<i>Cleome gynandra</i> L.	Cleomaceae	Herb	'Hulhul'
22	<i>Cleome viscosa</i> L.	Cleomaceae	Herb	'Hulhul'
23	<i>Oligomeris linifolia</i> (Vahl ex Hornem.) J. F. Macbr	Resedaceae	Herb	
24	<i>Polycarpaea corymbosa</i> (L.) Lam.	Caryophyllaceae	Herb	
25	<i>Polycarpon prostratum</i> (Forssk.) Asch. & Schweinf.	Caryophyllaceae	Herb	
26	<i>Spergula arvensis</i> L.	Caryophyllaceae	Herb	'Muchmuchia', 'Khandidal'
27	<i>Stellaria media</i> (L.) Vill.	Caryophyllaceae	Herb	'Safed-phul-kee', 'Buchbucha', 'Pani'
28	<i>Vaccaria hispanica</i> (Mill.) Rauschert	Caryophyllaceae	Herb	
29	<i>Portulaca grandiflora</i> Hook.	Portulacaceae	Herb	'Lunia'
30	<i>Portulaca oleracea</i> Linn.	Portulacaceae	Herb	'Kulfa', 'Salunak', 'Nunka'
31	<i>Portulaca quadrifida</i> L.	Portulacaceae	Herb	'Chhotaluniya'
32	<i>Tamarix dioica</i> Roxb.	Tamaricaceae	Shrub	'Jhau'
33	<i>Tamarix troupii</i> Hole	Tamaricaceae	Shrub	'Jhau'
34	<i>Bergia ammanioides</i> Roxb.	Elatinaceae	Herb	
35	<i>Abutilon hirtum</i> (Lam.) Sweet.	Malvaceae	Shrub	'Kanghi'.
36	<i>Abutilon indicum</i> (L.) Sweet.	Malvaceae	Shrub	'Kanghi'.
37	<i>Bombax ceiba</i> L.	Malvaceae	Tree	'Semal'
38	<i>Ceiba speciosa</i> (A.St.-Hil.) Ravenna	Malvaceae	Tree	'Resham rui', 'Vilatayati Semal'.
39	<i>Corchorus aestuans</i> L.	Malvaceae	Herb	'Chonchi'
40	<i>Corchorus capsularis</i> L.	Malvaceae	Herb	'Kharenti'
41	<i>Corchorus fascicularis</i> Lam.	Malvaceae	Shrub	
42	<i>Corchorus olitorius</i> L.	Malvaceae	Herb	'Chonchi'
43	<i>Corchorus tridens</i> L.	Malvaceae	Herb	'Kowwa-torai'
44	<i>Grewia flavescens</i> Juss.	Malvaceae	Shrub	
45	<i>Grewia tentax</i> (Forssk.) Fiori	Malvaceae	Shrub	'Ramchana', 'Khatola', 'Gondni'
46	<i>Hibiscus lobatus</i> (Murray) Kuntze	Malvaceae	Herb	'Faridbooti'
47	<i>Hibiscus micranthus</i> L.f.	Malvaceae	Shrub	'Okada'
48	<i>Hibiscus surattensis</i> L.	Malvaceae	Shrub	
49	<i>Hibiscus tiliaceus</i> L.	Malvaceae	Tree	
50	<i>Malva parviflora</i> L.	Malvaceae	Herb	
51	<i>Malvastrum coromandelianum</i> (L.) Garcke	Malvaceae	Herb	'Kharenti'
52	<i>Melochia corchorifolia</i> L.	Malvaceae	Herb	
53	<i>Pavonia zeylanica</i> Cav.	Malvaceae	Herb	
54	<i>Pterospermum acerifolium</i> (L.) Willd.	Malvaceae	Tree	'Kanakchampa'
55	<i>Sida acuta</i> Burm.f.	Malvaceae	Shrub	
56	<i>Sida alnifolia</i> var. <i>obovata</i> (Wall. ex Mast.) S.Y. Hu	Malvaceae	Herb	
57	<i>Sida cordata</i> (Burm.f.) Borss.Waalk.	Malvaceae	Herb	
58	<i>Sida cordifolia</i> L.	Malvaceae	Herb	'Kharenti', 'Bijband'
59	<i>Thespesia populnea</i> (L.) Soland	Malvaceae	Tree	'Paras pipal'
60	<i>Triumfetta rhomboidea</i> Jacq.	Malvaceae	Shrub	'Kasni'
61	<i>Urena lobata</i> L.	Malvaceae	Shrub	'Vilayti san'
62	<i>Waltheria indica</i> L.	Malvaceae	Herb	
63	<i>Balanites roxburghii</i> Planch.	Zygophyllaceae	Tree	'Hingot'
64	<i>Fagonia cretica</i> L.	Zygophyllaceae	Herb	'Dhuansa'
65	<i>Tribulus terrestris</i> L.	Zygophyllaceae	Herb	'Gokhru'
66	<i>Peganum harmala</i> L.	Nitrariaceae	Herb	'Harmal'
67	<i>Oxalis corniculata</i> L.	Oxalidaceae	Herb	'Champa methi', 'Teepatiya'
68	<i>Oxalis debilis</i> var. <i>corymbosa</i> (DC.) Lourteig	Oxalidaceae	Herb	'Khat-mitthi'
69	<i>Oxalis latifolia</i> Kunth	Oxalidaceae	Herb	'Khat-mitthi', 'Khat-mandari'
70	<i>Aegle marmelos</i> L. Correa	Rutaceae	Tree	'Belpatra'
71	<i>Citrus aurantiifolia</i> (Christm.) Swingle	Rutaceae	Tree	'Nimbu', 'Kazhzi-nimbu'
72	<i>Citrus maxima</i> (L.) Merr.	Rutaceae	Tree	'Chakotra'
73	<i>Feronia limonia</i> (L.) Swingle	Rutaceae	Tree	'Kaith'
74	<i>Murraya paniculata</i> (L.) Jack	Rutaceae	Shrub	'Kamini'
75	<i>Ailanthus excelsa</i> Roxb.	Simaroubaceae	Tree	'Urru', 'Ulloo'

76	<i>Azadirachta indica</i> A. Juss.	Meliaceae	Tree	'Neem', 'Nim'
77	<i>Melia azedarach</i> L.	Meliaceae	Tree	'Pamdi-ber'
78	<i>Gymnosporia senegalensis</i> (Lam.) Loes.	Celastraceae	Shrub	'Kakera'
79	<i>Ziziphus Jujuba</i> Mill.	Rhamnaceae	Tree	'Ber'
80	<i>Ziziphus nummularia</i> (Burm. f.) Wight & Arn.	Rhamnaceae	Shrub	'Badber', 'Jhad', 'Beri'
81	<i>Ziziphus oenopolia</i> (L.) Mill.	Rhamnaceae	Climber	'Makoh'
82	<i>Ampelocissus latifolia</i> (Roxb.) Planch	Vitaceae	Climber	
83	<i>Cayratia trifolia</i> (L.) Domin	Vitaceae	Shrub	'Ramchana'
84	<i>Cardiospermum halicacabum</i> L.	Sapindaceae	Herb	'Gubbara bel'
85	<i>Schleichera oleosa</i> (Lour.) Merr.	Sapindaceae	Tree	'Kusum'
86	<i>Mangifera indica</i> L.	Ancardiaceae	Tree	'Aam', 'Aambi'
87	<i>Moringa concanensis</i> Nimmo	Moringaceae	Tree	
88	<i>Moringa oleifera</i> Lam.	Moringaceae	Tree	'Sonjna'
89	<i>Abrus precatorius</i> L.	Fabaceae	Climber	'Rati'
90	<i>Acacia catechu</i> Willd.	Fabaceae	Tree	'Katha', 'Khair'
91	<i>Acacia leucophloea</i> (Roxb.) Willd.	Fabaceae	Tree	'Ronj', 'Jand'
92	<i>Acacia modesta</i> Wall.	Fabaceae	Tree	'Phulahi'
93	<i>Acacia nilotica</i> var. <i>indica</i> (Benth.) A.F.Hill	Fabaceae	Tree	'Desi babul', 'Kikar'
94	<i>Acacia senegal</i> (L.) Willd.	Fabaceae	Tree	
95	<i>Acacia tortilis</i> (Forssk.) Heyne	Fabaceae	Climber	'Israel babool'
96	<i>Aeschynomene indica</i> L.	Fabaceae	Shrub	'Didhen', 'Phulan'
97	<i>Albizia amara</i> (Roxb.) B. Boivin	Fabaceae	Tree	
98	<i>Albizia lebbek</i> (L.) Benth.	Fabaceae	Tree	'Siras'
99	<i>Alhagi marorum</i> Medik.	Fabaceae	Shrub	'Jawasa'
100	<i>Alysicarpus bupleurifolius</i> DC.	Fabaceae	Herb	'Jungli ghas'
101	<i>Alysicarpus vaginalis</i> DC.	Fabaceae	Herb	
102	<i>Bauhinia purpurea</i> L.	Fabaceae	Tree	'Khairwal', 'Kaliar'
103	<i>Bauhinia tomentosa</i> L.	Fabaceae	Shrub	
104	<i>Bauhinia vahlii</i> Wight & Arn.	Fabaceae	Climber	
105	<i>Bauhinia variegata</i> L.	Fabaceae	Tree	
106	<i>Butea monosperma</i> (Lam.) Taub.	Fabaceae	Tree	'Dhak', 'Palash', 'Kesu'
107	<i>Caesalpinia crista</i> L.	Fabaceae	Shrub	'Karanj', 'Karkona'
108	<i>Caesalpinia pulcherrima</i> (L.) Sw.	Fabaceae	Shrub	'Gul-mohar'
109	<i>Cajanus scarabaeoides</i> (L.) Thouars	Fabaceae	Shrub	
110	<i>Calliandra haematocephala</i> Hassk.	Fabaceae	Shrub	
111	<i>Cassia fistula</i> L.	Fabaceae	Tree	'Amaltas'
112	<i>Cassia javanica</i> L.	Fabaceae	Tree	
113	<i>Cassia roxburghii</i> DC.	Fabaceae	Tree	
114	<i>Chamaecrista absus</i> (L.) H.S. Irwin & Barneby	Fabaceae	Herb	
115	<i>Chamaecrista pumila</i> (Lam.) K. Larsen	Fabaceae	Herb	
116	<i>Crotalaria medicaginea</i> var. <i>luxurians</i> (Benth.) Baker	Fabaceae	Herb	'Jhojhru'
117	<i>Cullen plicatum</i> (Delile) C. H. Stirt	Fabaceae	Herb	
118	<i>Dalbergia sissoo</i> Roxburgh ex Candolle	Fabaceae	Tree	'Shisham'
119	<i>Delonix regia</i> (Hook.) Raf.	Fabaceae	Tree	'Gulmohar'
120	<i>Desmodium gangeticum</i> (L.) DC.	Fabaceae	Shrub	'Salpalni'
121	<i>Desmodium triflorum</i> (L.) DC.	Fabaceae	Herb	
122	<i>Dichrostachys cinerea</i> (L.) Wight & Arn.	Fabaceae	Shrub	'Rakhi'
123	<i>Indigofera astragalina</i> DC.	Fabaceae	Herb	
124	<i>Indigofera cordifolia</i> B. Heyne ex Roth	Fabaceae	Herb	
125	<i>Indigofera hochstetteri</i> Baker	Fabaceae	Herb	'Khandidal'
126	<i>Indigofera linifolia</i> (L.f.) Retz.	Fabaceae	Herb	'Leel', 'Sankhaluli'
127	<i>Indigofera linnaei</i> Ali	Fabaceae	Herb	'Leel'
128	<i>Indigofera suffruticosa</i> Miller	Fabaceae	Shrub	
129	<i>Indigofera tinctoria</i> L.	Fabaceae	Shrub	'Leel'
130	<i>Lathyrus aphaca</i> L.	Fabaceae	Herb	'Patteli'
131	<i>Lathyrus sativus</i> L.	Fabaceae	Herb	'Khesari', 'Chapramatra'
132	<i>Leucaena leucocephala</i> (Lam.) de Wit	Fabaceae	Shrub	'Shu babul'
133	<i>Medicago monantha</i> (C.A.Mey.) Trautv.	Fabaceae	Herb	'Chanihari'
134	<i>Medicago polymorpha</i> L.	Fabaceae	Herb	'Miana', 'Chandausi'
135	<i>Melilotus indicus</i> (L.) All.	Fabaceae	Herb	'Metha', 'Senji'
136	<i>Melilotus officinalis</i> subsp. <i>alba</i> (Medik.) H. Ohashi & Tateishi	Fabaceae	Herb	'Khandai'
137	<i>Mimosa hamata</i> Willd.	Fabaceae	Shrub	
138	<i>Mucuna prurita</i> (L.) Hook.	Fabaceae	Climber	'Kaunch'
139	<i>Parkinsonia aculeata</i> L.	Fabaceae	Tree	'Vilayati kikar'
140	<i>Peltophorum pterocarpum</i> (DC.) K. Heyne	Fabaceae	Tree	
141	<i>Pithecellobium dulce</i> (Roxb.) Benth.	Fabaceae	Tree	'Jangali zalebi'
142	<i>Pongamia pinnata</i> (L.) Pierre	Fabaceae	Tree	'Papri'
143	<i>Prosopis cineraria</i> (L.) Druce	Fabaceae	Tree	'Janti', 'Chonkra'
144	<i>Prosopis glandulosa</i> Torr.	Fabaceae	Tree	
145	<i>Prosopis juliflora</i> (Sw.) DC.	Fabaceae	Tree	'Kabuli kikar'
146	<i>Pueraria montana</i> var. <i>lobata</i> (Willd.) Sanjappa & Pradeep	Fabaceae	Shrub	
147	<i>Rhynchosia minima</i> (L.) DC.	Fabaceae	Climber	
148	<i>Saraca indica</i> L.	Fabaceae	Tree	'Ashok'
149	<i>Senna alata</i> (L.) Roxb.	Fabaceae	Shrub	
150	<i>Senna occidentalis</i> (L.) Link.	Fabaceae	Shrub	'Banbhates', 'Dhadial'
151	<i>Senna sophera</i> (L.) Roxb.	Fabaceae	Shrub	'Kasundi'
152	<i>Senna tora</i> L.	Fabaceae	Herb	'Chakwar'
153	<i>Senna siamea</i> (Lam.) H.S. Irwin & Barneby	Fabaceae	Tree	

154	<i>Senna surattensis</i> (Burm.f.) H.S.Irwin & Barneby	Fabaceae	Shrub	
155	<i>Sesbania bispinosa</i> (Jacq.) W.Wight	Fabaceae	Shrub	'Dancha'
156	<i>Sesbania sesban</i> (L.) Merr.	Fabaceae	Shrub	'Jait', 'Rawasan'
157	<i>Tamarindus indica</i> L.	Fabaceae	Tree	'Imli', 'Amlı'
158	<i>Tephrosia purpurea</i> (L.) Pers.	Fabaceae	Herb	'Jhojhru', 'Pawad' Jangali-mothar, 'Sarphonka'
159	<i>Tephrosia strigosa</i> (Dalzell) Santapau & Mahesh.	Fabaceae	Herb	
160	<i>Tephrosia villosa</i> (L.) Pers.	Fabaceae	Herb	
161	<i>Trifolium fragiferum</i> L.	Fabaceae	Herb	
162	<i>Vicia sativa</i> L.	Fabaceae	Herb	'Chatri-matri', 'Matra'
163	<i>Zornia diphylla</i> (L.) Pers.	Fabaceae	Herb	
164	<i>Potentilla supina</i> L.	Rosaceae	Herb	'Dodi'
165	<i>Anogeissus pendula</i> Edgew	Combretaceae	Tree	'Dhoy', 'Sıras'
166	<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn	Combretaceae	Tree	'Arjuna'
167	<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Combretaceae	Tree	'Bahera'
168	<i>Callistemon lanceolatus</i> (Sm.) Sweet.	Myrtaceae	Shrub	'Bottle-brush'
169	<i>Eucalyptus tereticornis</i> Sm.	Myrtaceae	Tree	
170	<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	Tree	'Jamun', 'Jaman'
171	<i>Ammannia baccifera</i> L.	Lythraceae	Herb	
172	<i>Ammannia mutiflora</i> Roxb.	Lythraceae	Herb	
173	<i>Lagerstroemia speciosa</i> (L.) Pers.	Lythraceae	Tree	'Jarul'
174	<i>Lagerstroemia tomentosa</i> C. Presl	Lythraceae	Tree	
175	<i>Lawsonia inermis</i> L.	Lythraceae	Shrub	'Mehndı'
176	<i>Epilobium cylindricum</i> D. Don	Onagraceae	Herb	
177	<i>Ludwigia adscendens</i> (L.) H.Hara	Onagraceae	Herb	'Pani ki ghas'
178	<i>Ludwigia octovalvis</i> (Jacq.) P.H.Raven	Onagraceae	Herb	
179	<i>Ludwigia perennis</i> L.	Onagraceae	Herb	
180	<i>Carica papaya</i> L.	Caricaceae	Tree	'Papita'
181	<i>Passiflora foetida</i> L.	Passifloraceae	Climber	
182	<i>Citrullus colocynthis</i> (L.) Schard.	Cucurbitaceae	Herb	'Gadumba ki bel', 'Indrayan', 'Pharpendua'
183	<i>Coccinia indica</i> (L.) Voigt.	Cucurbitaceae	Shrub	'Kendru', 'Kanduri', 'Ram kachriya'
184	<i>Cucumis prophetarum</i> L.	Cucurbitaceae	Herb	
185	<i>Cucumis sativus</i> L.	Cucurbitaceae	Herb	'Khira'
186	<i>Mukia maderaspatana</i> (L.) M. Roem.	Cucurbitaceae	Climber	'Ankh phod ki bel', 'Aunkharo'.
187	<i>Momordica charantia</i> L.	Cucurbitaceae	Climber	'Kerala'
188	<i>Momordica dioica</i> Roxb. ex Willd.	Cucurbitaceae	Climber	'Jangli Kerala'
189	<i>Trichosanthes cucumerina</i> L.	Cucurbitaceae	Climber	'Rambel', 'Jangli Chachinda'
190	<i>Nopalea cochenillifera</i> (L.) Salm-Dyck	Cactaceae	Shrub	
191	<i>Opuntia dillenii</i> (Ker Gawl.) Haw.	Cactaceae	Shrub	'Nagaphani'
192	<i>Glinus lotoides</i> L.	Molluginaceae	Herb	
193	<i>Glinus oppositifolius</i> (L.) Aug. DC.	Molluginaceae	Herb	
194	<i>Mollugo cerviana</i> (L.) Ser.	Molluginaceae	Herb	
195	<i>Mollugo nudicaulis</i> Lamk.	Molluginaceae	Herb	'Gobi'
196	<i>Gisekia pharnaceoides</i> L.	Gisekiaceae	Herb	
197	<i>Trianthema crystallina</i> Vahl	Aizoaceae	Herb	'Nonka', 'Machechi'
198	<i>Trianthema portulacastrum</i> L.	Aizoaceae	Herb	'Santh', 'Santhi'
199	<i>Ammi majus</i> L.	Apiaceae	Herb	'Atital'
200	<i>Anethum graveolens</i> L.	Apiaceae	Herb	'Soya'
201	<i>Centella asiatica</i> (L.) Urb.	Apiaceae	Herb	'Brahmi', 'Mandu- Kaparni'
202	<i>Oenanthe javanica</i> (Blume) DC.	Apiaceae	Herb	'Jal Dhanıa'
203	<i>Hamelia patens</i> Jacq.	Rubiaceae	Shrub	
204	<i>Mitragyna paviflora</i> (Roxb.) Korth.	Rubiaceae	Tree	'Kadam', 'Kalam', 'Kaim'
205	<i>Oldenlandia aspera</i> (B.Heyne ex Roth) DC.	Rubiaceae	Herb	'Gobi'
206	<i>Spermacoce neohispida</i> Govaerts	Rubiaceae	Herb	'Satgathiya', 'Ghathiyghas', 'Gatbhanjan'
207	<i>Ageratum conyzoides</i> (L.) L.	Asteraceae	Herb	'Bhakumbhar', 'Nilam'
208	<i>Artemisia scoparia</i> Waldst. & Kit.	Asteraceae	Herb	'Bano', 'Barna'
209	<i>Bidens biternata</i> (Lour.) Merr. & Sherff	Asteraceae	Herb	'Sui ka ped'
210	<i>Blainvillea acmella</i> (L.) Philipson	Asteraceae	Herb	
211	<i>Blumea lacera</i> (Burm.f.)	Asteraceae	Herb	
212	<i>Caesulia axillaris</i> Roxb.	Asteraceae	Herb	
213	<i>Calendula officinalis</i> L.	Asteraceae	Herb	'Zergul'
214	<i>Carthamus oxyacantha</i> M.Bieb.	Asteraceae	Herb	'Kateri', 'PeeliKateri'
215	<i>Chromolaena odorata</i> (L.) R.M.King & H.Rob.	Asteraceae	Shrub	
216	<i>Cichorium intybus</i> L.	Asteraceae	Herb	'Kasni'
217	<i>Cirsium arvense</i> (L.) Scop.	Asteraceae	Herb	'Rissa', 'Katela'
218	<i>Conyza bonariensis</i> (L.) Cronquist	Asteraceae	Herb	'Phulni'
219	<i>Conyza laciniata</i> Wall. Ex Roxb.	Asteraceae	Herb	
220	<i>Cotula hemisphaerica</i> Wall.	Asteraceae	Herb	
221	<i>Cyanthillium cinereum</i> (L.) H. Rob.	Asteraceae	Herb	'Sahadevi'
222	<i>Dicoma tomentosa</i> Cass.	Asteraceae	Herb	
223	<i>Echinops echinatus</i> Roxb.	Asteraceae	Herb	'Oontkatela'
224	<i>Eclipta prostrata</i> (L.) L.	Asteraceae	Herb	'Bhringraj'
225	<i>Gnaphalium indicum</i> L.	Asteraceae	Herb	'Buchbucha'
226	<i>Gnaphalium pensylvanicum</i> Willd.	Asteraceae	Herb	
227	<i>Grangea maderaspatana</i> (L.) Poir.	Asteraceae	Herb	
228	<i>Lactuca dissecta</i> D. Don.	Asteraceae	Herb	
229	<i>Lagdera aurita</i> Sch.Bip. ex Schweinf.	Asteraceae	Herb	
230	<i>Launaea nudicaulis</i> (L.) Hook.f.	Asteraceae	Herb	'Gobi'
231	<i>Parthenium hysterophorus</i> L.	Asteraceae	Herb	'Gajar ghas'

232	<i>Pentanema indicum</i> (L.) Ling	Asteraceae	Herb	
233	<i>Pluchea lanceolata</i> (DC.) C.B. Clarke	Asteraceae	Herb	'Chatawara', 'Chir'
234	<i>Pseudognaphalium affine</i> (D. Don) Anderb.	Asteraceae	Herb	
235	<i>Pulicaria crispa</i> Sch. Bip.	Asteraceae	Herb	'Haldwa', 'Buhrna'
236	<i>Saussurea heteromalla</i> (D. Don) Hand.-Mazz	Asteraceae	Herb	
237	<i>Soliva anthemifolia</i> (Juss.)	Asteraceae	Herb	
238	<i>Sonchus arvensis</i> L.	Asteraceae	Herb	'Gubbi', 'Pili', 'Dudhi'
239	<i>Sonchus asper</i> (L.) Hill	Asteraceae	Herb	
240	<i>Sonchus oleraceus</i> L. (L.)	Asteraceae	Herb	
241	<i>Synedrella vialis</i> (Less.) A. Gray	Asteraceae	Herb	
242	<i>Tagetes patula</i> L.	Asteraceae	Herb	
243	<i>Tridax procumbens</i> (L.) L.	Asteraceae	Herb	
244	<i>Vicoa vestita</i> Benth. ex Hook	Asteraceae	Herb	
245	<i>Wedelia chinensis</i> Merr.	Asteraceae	Herb	
246	<i>Xanthium strumarium</i> L.	Asteraceae	Herb	'Bhangra', 'Bichhu', 'Churchuta'
247	<i>Sphenoclea zeylanica</i> Gaertn.	Sphenocleaceae	Herb	'Mirchi', 'Phulanghas',
248	<i>Plumbago zeylanica</i> L.	Plumbaginaceae	Shrub	'Chatawara', 'Chirchitta'
249	<i>Anagallis arvensis</i> L.	Primulaceae	Herb	'Buchbucha', 'Dharti-Dhak'
250	<i>Manilkara hexandra</i> (Roxb.) Dubard	Sapotaceae	Tree	'Khimri'
251	<i>Mimusops elengi</i> L.	Sapotaceae	Tree	'Maulsari'
252	<i>Diospyros montana</i> Roxb.	Ebenaceae	Tree	'Kendu', 'Bassendu'
253	<i>Jasminum auriculatum</i> Vahl	Oleaceae	Shrub	'Juhi', 'Joohi'
254	<i>Jasminum multiflorum</i> (Burm.f.) Andr.	Oleaceae	Shrub	'Safed Chameli', 'Bela'
255	<i>Nyctanthes arbortristis</i> L.	Oleaceae	Shrub	'Harsingar'
256	<i>Salvadora oleoides</i> Decne.	Salvadoraceae	Shrub	'Pilu', 'Khanjar'
257	<i>Salvadora persica</i> L.	Salvadoraceae	Shrub	'Pilu', 'Jal'
258	<i>Alstonia scholaris</i> (L.) R. Br.	Apocynaceae	Tree	'Saptaparni'
259	<i>Calotropis gigantea</i> (L.) Dryand	Apocynaceae	Shrub	'Safed Aak', 'Bara Aak', 'Bara madar'
260	<i>Calotropis procera</i> (Aiton) W. T. Aiton	Apocynaceae	Shrub	'Aak', 'Madar', 'Aakha'
261	<i>Carisa spinarum</i> Linn.	Apocynaceae	Shrub	'Jungli Karaunda'
262	<i>Cascabela thevetia</i> (L.) Lippold	Apocynaceae	Shrub	'Pili kaner'
263	<i>Catharanthus pusillus</i> (Murray) G. Don.	Apocynaceae	Herb	'Teanklo'
264	<i>Catharanthus roseus</i> (L.) G. Don	Apocynaceae	Herb	'Sadabahar'
265	<i>Ceropegia bulbosa</i> Roxb.	Apocynaceae	Herb	
266	<i>Holoarrhena pubescens</i> Wall. ex G. Don	Apocynaceae	Tree	'Kurchi'
267	<i>Ichnocarpus frutescens</i> (L.) W. T. Aiton	Apocynaceae	Shrub	'Bakkar-bel'
268	<i>Leptaneta reticulata</i> (Retz.) Wight. & Arn.	Apocynaceae	Climber	
269	<i>Oxystelma esculentum</i> (L. f.) Sm.	Apocynaceae	Climber	'Aak ki bel', 'Dudhialata'
270	<i>Pergularia daemia</i> (Forsk.) Chiov.	Apocynaceae	Climber	'Aaksan'
271	<i>Plumeria obtusa</i> L.	Apocynaceae	Tree	
272	<i>Plumeria rubra</i> L.	Apocynaceae	Tree	'Champa'
273	<i>Rauwolfia serpentina</i> (L.) Benth. ex Kurz	Apocynaceae	Shrub	'Makalmarua', 'Sarpagandha'
274	<i>Tabernaemontana divaricata</i> (L.) R.Br. ex Roem. & Schult.	Apocynaceae	Shrub	'Pela kaner'
275	<i>Telosma pallida</i> (Roxb.) Craib.	Apocynaceae	Shrub	
276	<i>Vallaris solanacea</i> (Roth.) Kunth.	Apocynaceae	Shrub	
277	<i>Wrightia tinctoria</i> R.Br.	Apocynaceae	Tree	
278	<i>Centaurium ramosissimum</i> (Sw.) Druce	Gentianaceae	Herb	'Ratanjot'
279	<i>Enicostema axilliare</i> (Poir. Ex Lam.) A. Reynal	Gentianaceae	Herb	
280	<i>Hydrolea zeylanica</i> (L.) Vahl	Hydroleaceae	Herb	
281	<i>Cordia dichotoma</i> G. Forst.	Boraginaceae	Tree	'Lasoor', 'Liasaura'
282	<i>Cordia sinensis</i> Lam.	Boraginaceae	Tree	'Gondi', 'Gondni'
283	<i>Ehretia laevis</i> Roxb.	Boraginaceae	Tree	'Papri', 'Desi papri'
284	<i>Heliotropium curassavium</i> DC.	Boraginaceae	Herb	
285	<i>Heliotropium indicum</i> L.	Boraginaceae	Herb	'Hatisura', 'Hatisunda'
286	<i>Heliotropium strigosum</i> Willd.	Boraginaceae	Herb	
287	<i>Heliotropium supinum</i> L.	Boraginaceae	Herb	
288	<i>Trichodesma indicum</i> (L.) Lem.	Boraginaceae	Herb	'Nitakrai'
289	<i>Convolvulus arvensis</i> L.	Convolvulaceae	Herb	'Hirankhuri'
290	<i>Convolvulus pluricaulis</i> Choisy	Convolvulaceae	Herb	'Safed Sankh Pusphi'
291	<i>Cressa cretica</i> L.	Convolvulaceae	Herb	'Nunki'
292	<i>Cuscuta chinensis</i> Lam.	Convolvulaceae	Parasite	'Amar bel', 'Aakash bel', 'Niradhari'
293	<i>Cuscuta reflexa</i> Roxb.	Convolvulaceae	Parasite	'Bari Amarbel', 'Aakash bel'.
294	<i>Evolvulus alsinoides</i> (L.) L.	Convolvulaceae	Herb	'Sankhpusphi'
295	<i>Evolvulus nummularius</i> (L.) L.	Convolvulaceae	Herb	
296	<i>Ipomoea aquatica</i> Forssk.	Convolvulaceae	Climber	'Sarnali', 'Nail'
297	<i>Ipomoea cairica</i> (L.) Sweet.	Convolvulaceae	Climber	'Railway Creeper'
298	<i>Ipomoea carnea</i> Jacq.	Convolvulaceae	Shrub	'Besharam', 'Gullabans'
299	<i>Ipomoea eriocara</i> (R.Br.) Spreng.	Convolvulaceae	Climber	'Boota'
300	<i>Ipomoea hederifolia</i> L.	Convolvulaceae	Climber	
301	<i>Ipomoea nil</i> (L.) Roth	Convolvulaceae	Climber	'Nilkalmi'
302	<i>Ipomoea obscura</i> L. Ker Gawl	Convolvulaceae	Climber	
303	<i>Ipomoea pes-tigridis</i> L.	Convolvulaceae	Climber	'Ghiabati'
304	<i>Ipomoea sindica</i> Stapf	Convolvulaceae	Climber	
305	<i>Ipomoea triloba</i> L.	Convolvulaceae	Climber	
306	<i>Merremia aegyptia</i> (L.) Urb.	Convolvulaceae	Climber	'Ghiabel'
307	<i>Operculina turpethum</i> (Linn.) Silva Manso	Convolvulaceae	Climber	'Nisoth'
308	<i>Rivea hypocrateriformis</i> Chiosy	Convolvulaceae	Shrub	'Dhak ki bel'
309	<i>Datura innoxia</i> Mill.	Solanaceae	Shrub	'Dhatura'

310	<i>Datura metel</i> L.	Solanaceae	Herb	'Kala Dhatura'
311	<i>Lycium europaeum</i> L.	Solanaceae	Shrub	'Chirchitta', 'Khatai', 'Chirmethi'
312	<i>Lycopersicon esculentum</i> Mill.	Solanaceae	Herb	'Tamatar'
313	<i>Nicotiana plumbaginifolia</i> Viv.	Solanaceae	Herb	'Jangli tambaku'
314	<i>Physalis minima</i> L.	Solanaceae	Herb	'Papotani'
315	<i>Solanum americanum</i> Mill.	Solanaceae	Herb	'Makoi', 'Kashmach'
316	<i>Solanum anguivi</i> Lam.	Solanaceae	Shrub	Kateli, 'Kanto ka sarpata', 'Bhatakateri'
317	<i>Solanum incanum</i> L.	Solanaceae	Shrub	'Bhatkataya'
318	<i>Solanum viarum</i> Dunal	Solanaceae	Shrub	'Bhatkataya'
319	<i>Solanum virginianum</i> L.	Solanaceae	Shrub	'Kateli', 'Kanto ka sarpata', 'Bhatakateri'
320	<i>Withania somnifera</i> (L.) Dunal	Solanaceae	Shrub	'Asgandh', 'Ashwagandha'
321	<i>Verbascum chinense</i> (L.) Santapau	Scrophulariaceae	Herb	'Dangra ka tamaku'
322	<i>Verbascum thapsus</i> L.	Scrophulariaceae	Herb	
323	<i>Mazus pumilus</i> (Burm.f.) Steenis	Phrymaceae	Herb	
324	<i>Crescentia cujete</i> L.	Bignoniaceae	Tree	'Bilayati bel'
325	<i>Fernandoa adenophylla</i> (Wall. ex G.Don) Steenis	Bignoniaceae	Tree	'Marodphali'
326	<i>Jacaranda mimiosifolia</i> D. Don	Bignoniaceae	Tree	'Jacaranda'
327	<i>Kigelia africana</i> (Lam.) Benth.	Bignoniaceae	Tree	'Balam Kheera'
328	<i>Tecoma stans</i> (L.) Juss. ex Kunth	Bignoniaceae	Shrub	'Jhau'.
329	<i>Tecomella undulata</i> (Sm.) Seem.	Bignoniaceae	Shrub	'Radida', 'Rohida'
330	<i>Sesamum indicum</i> L.	Pedaliaceae	Herb	'Til'.
331	<i>Martynia annua</i> L.	Martyniaceae	Shrub	'Bichhuphal', 'Bichu Hathajori'.
332	<i>Andrographis echinoides</i> (L.) Nees.	Acanthaceae	Herb	
333	<i>Andrographis paniculata</i> (Burm. f.) Nees.	Acanthaceae	Herb	'Kalmegh'.
334	<i>Barleria cristata</i> var. <i>dichotoma</i>	Acanthaceae	Shrub	'Safed cheetah'
335	<i>Barleria priontis</i> L.	Acanthaceae	Shrub	'Kala bansa', 'Piabansa'
336	<i>Blepharis maderaspatensis</i> (L.) B.Heyne ex Roth	Acanthaceae	Herb	
337	<i>Dipteracanthus prostratus</i> (Poir.) Nees	Acanthaceae	Herb	
338	<i>Elytraria acaulis</i> (L.f.) Lindau	Acanthaceae	Herb	'Patharchatta'
339	<i>Hemigraphis hirta</i> T Anderson	Acanthaceae	Herb	
340	<i>Justicia adhatoda</i> L.	Acanthaceae	Shrub	Bansa', 'Arusa', 'Piabansa'
341	<i>Justicia diffusa</i> Willd.	Acanthaceae	Herb	
342	<i>Justicia japonica</i> Thunb.	Acanthaceae	Herb	
343	<i>Lepidagathis cristata</i> Willd	Acanthaceae	Herb	
344	<i>Peristrophe bicalyculata</i> (Retz.) Nees	Acanthaceae	Herb	'Missi'
345	<i>Ruellia angustiflora</i> (Nees) Lindau ex Rambo	Acanthaceae	Herb	
346	<i>Ruellia patula</i> Jacq.	Acanthaceae	Shrub	
347	<i>Rungia pectinata</i> (L.) Nees	Acanthaceae	Herb	
348	<i>Rungia repens</i> (L.) Nees.	Acanthaceae	Herb	'Kharmor'
349	<i>Duranta erecta</i> L.	Verbenaceae	Shrub	
350	<i>Gmelina arborea</i> Roxb.	Verbenaceae	Tree	
351	<i>Lantana × aculeata</i> L.	Verbenaceae	Shrub	
352	<i>Lantana indica</i> Roxb.	Verbenaceae	Shrub	'Mewa ka ped', 'Tulsidal'
353	<i>Lantana montevidensis</i> (Spreng.) Briq.	Verbenaceae	Shrub	
354	<i>Lippia alba</i> (Mill.) N.E.Br. ex Britton & P.Wilson	Verbenaceae	Shrub	
355	<i>Phyla nodiflora</i> (L.) Greene	Verbenaceae	Herb	'Bukkan', 'Bakanbuti', 'Jalbuti'
356	<i>Clerodendrum indicum</i> (L.) Kuntz.	Lamiaceae	Shrub	
357	<i>Clerodendrum phlomidis</i> L. f.	Lamiaceae	Shrub	'Arni'
358	<i>Glechoma hederacea</i> L.	Lamiaceae	Herb	
359	<i>Hyptis suaveolens</i> (L.) Poit	Lamiaceae	Herb	
360	<i>Leucas aspera</i> (Willd.) Link	Lamiaceae	Herb	'Gopha'
361	<i>Leucas cephalotes</i> (Roth) Spreng.	Lamiaceae	Herb	'Gobbha'
362	<i>Leucas urticifolia</i> (Vahl) R. Br. ex Sm.	Lamiaceae	Herb	Guma', 'Goma'
363	<i>Mentha arevensis</i> L.	Lamiaceae	Herb	'Pudina'
364	<i>Nepeta hindostana</i> (B. Heyne ex Roth) Haines	Lamiaceae	Herb	
365	<i>Ocimum americanum</i> L.	Lamiaceae	Herb	'Bantulsa', 'Tulsiband'
366	<i>Ocimum basilicum</i> L.	Lamiaceae	Herb	'Marua', 'Niyazbo'
367	<i>Ocimum tenuiflorum</i> L.	Lamiaceae	Herb	'Tulsi'
368	<i>Orthosiphon pallidus</i> Royle ex Benth	Lamiaceae	Herb	
369	<i>Pogostemon benghalensis</i> (Burm. f.) O. Kuntze	Lamiaceae	Shrub	
370	<i>Salvia santolinifolia</i> Boiss.	Lamiaceae	Herb	'Gulab-kosh'
371	<i>Salvia splendens</i> Sellow ex Roem. & Schult.	Lamiaceae	Herb	
372	<i>Volkameria inermis</i> L.	Lamiaceae	Shrub	
373	<i>Antirrhinum orontium</i> L.	Plantaginaceae	Herb	
374	<i>Bacopa monnieri</i> (L.) Wettst.	Plantaginaceae	Herb	'Neem-jal', 'Jal-lep'
375	<i>Nanorrhinum ramosissimum</i> (Wall.) Betsche,	Plantaginaceae	Herb	
376	<i>Lindenbergia indica</i> Vatke	Plantaginaceae	Herb	
377	<i>Plantago major</i> L.	Plantaginaceae	Herb	
378	<i>Scoparia dulcis</i> L.	Plantaginaceae	Shrub	'Mitha patta', 'Mithi patti'
379	<i>Veronica agrestis</i> L.	Plantaginaceae	Herb	'Dangra ka tamaku'
380	<i>Veronica anagallis-aquatica</i> L.	Plantaginaceae	Herb	
381	<i>Boerhavia chinensis</i> (L.) Rottb.	Nyctaginaceae	Herb	
382	<i>Boerhavia diffusa</i> L.	Nyctaginaceae	Herb	'Santhi', 'Santh', 'Biskhafra', 'Punaranava'
383	<i>Bougainvillea spectabilis</i> Willd.	Nyctaginaceae	Shrub	
384	<i>Achyranthes aspera</i> L. var. <i>porphyristachya</i> Hook.	Amaranthaceae	Herb	'Chirchitta'
385	<i>Aerva javanica</i> (Burm.f.) Juss. ex Schult	Amaranthaceae	Herb	'Dholimundi', 'Dholiphuli'
386	<i>Aerva lanata</i> (L.) Juss.	Amaranthaceae	Herb	'Gedua ki chal', 'Gorakh boonti'

387	<i>Alternanthera ficoidea</i> (L.) Sm.	Amaranthaceae	Herb	'Cucharita'
388	<i>Alternanthera paronychioides</i> A.St-Hil.	Amaranthaceae	Herb	
389	<i>Alternanthera philoxeroides</i> (Mart.) Griseb.	Amaranthaceae	Herb	
390	<i>Alternanthera pungens</i> Kunth	Amaranthaceae	Herb	'Kantewali santhi'
391	<i>Alternanthera sessilis</i> (L.) R.Br. ex DC.	Amaranthaceae	Herb	'Sirouchi'
392	<i>Amaranthus cruentus</i> L.	Amaranthaceae	Herb	'Chaulai'
393	<i>Amaranthus spinosus</i> L.	Amaranthaceae	Herb	'Kante wali chaulai'
394	<i>Amaranthus viridis</i> L.	Amaranthaceae	Herb	'Jungli chauli'
395	<i>Celosia argentea</i> L.	Amaranthaceae	Herb	'Chilmil', 'Sarwari'
396	<i>Chenopodium album</i> L.	Amaranthaceae	Herb	'Bathua'
397	<i>Chenopodium murale</i> L.	Amaranthaceae	Herb	'Khartua'
398	<i>Digera muricata</i> (L.) Mart.	Amaranthaceae	Herb	'Lesua', 'Lhasua'
399	<i>Dysphania ambrosioides</i> (L.) Mosyakin & Clemants	Amaranthaceae	Shrub	'Khatua'
400	<i>Gomphrena celosioides</i> Mart.	Amaranthaceae	Herb	'Kasia'
401	<i>Pupalia lappacea</i> (L.) Juss.	Amaranthaceae	Herb	'Jhohru', 'Din ka tara', 'Bhurat',
402	<i>Suaeda maritima</i> (L.) Dumort.	Amaranthaceae	Shrub	'Bui', 'Lonia'
403	<i>Suaeda vermiculata</i> Forssk. ex J.F.Gmel.,	Amaranthaceae	Herb	'Bui', 'Lonia', 'Nunkhuri'.
404	<i>Basella alba</i> L.	Basellaceae	Herb	'Poi'
405	<i>Antigonon leptopus</i> Hook. & Arn.	Polygonaceae	Shrub	
406	<i>Persicaria glabra</i> (Willd.) M.Gómez	Polygonaceae	Herb	'Nali'
407	<i>Polygonum plebeium</i> R. Br.	Polygonaceae	Herb	'Machechi', 'Macheti'
408	<i>Rumex dentatus</i> L.	Polygonaceae	Herb	'Lalbibbi', 'Jangali chorai', 'Jungali palak', 'Khat palak'
409	<i>Aristolochia littoralis</i> Parodi	Aristolochiaceae	Climber	'Battak bel'
410	<i>Acalypha indica</i> L.	Euphorbiaceae	Herb	'Khokali', 'Kuppi'
411	<i>Chrozophora plicata</i> (Vahl) A.Juss. ex Spreng.	Euphorbiaceae	Herb	
412	<i>Croton bonplandianus</i> Baill.	Euphorbiaceae	Herb	'Kala Bhangra'
413	<i>Euphorbia clarkeana</i> Hook.f.	Euphorbiaceae	Herb	'Dudhi', 'Dudhni'
414	<i>Euphorbia cyathophora</i> Murray	Euphorbiaceae	Herb	
415	<i>Euphorbia dracunculoides</i> Lamk.	Euphorbiaceae	Herb	
416	<i>Euphorbia granulata</i> Forssk.	Euphorbiaceae	Herb	
417	<i>Euphorbia heterophylla</i> L.	Euphorbiaceae	Herb	
418	<i>Euphorbia hirta</i> L.	Euphorbiaceae	Herb	'Dudhi', 'Dudhibel'
419	<i>Euphorbia hypericifolia</i> L.	Euphorbiaceae	Herb	
420	<i>Euphorbia neriifolia</i> L.	Euphorbiaceae	Shrub	'Thor'
421	<i>Euphorbia prostrata</i> Aiton	Euphorbiaceae	Herb	'Chhotidudhi', 'Chhotnadudhi', 'Chotka dudhi'.
422	<i>Euphorbia pycnostegia</i> Boiss.	Euphorbiaceae	Herb	
423	<i>Euphorbia serpens</i> Kunth.	Euphorbiaceae	Herb	
424	<i>Euphorbia thymifolia</i> L.	Euphorbiaceae	Herb	
425	<i>Jatropha gossypifolia</i> L.	Euphorbiaceae	Shrub	'Vilayati Arand'
426	<i>Jatropha integerrima</i> Jacq.	Euphorbiaceae	Shrub	
427	<i>Ricinus communis</i> L.	Euphorbiaceae	Shrub	'Arand'
428	<i>Flueggea leucopyrus</i> Willd.	Phyllanthaceae	Shrub	
429	<i>Flueggea virosa</i> (Roxb. ex Willd.) Royle	Phyllanthaceae	Shrub	
430	<i>Phyllanthus emblica</i> L.	Phyllanthaceae	Tree	'Amla'
431	<i>Phyllanthus fraternus</i> G. L. Webster	Phyllanthaceae	Herb	'Dhadhan', 'Mokh', 'Nunki', 'Bhumi amla'.
432	<i>Phyllanthus reticulatus</i> Poir.	Phyllanthaceae	Shrub	'Neelbari', 'Makki'
433	<i>Phyllanthus virgatus</i> G. Frost	Phyllanthaceae	Herb	
434	<i>Holoptelea integrifolia</i> Planch	Ulmaceae	Tree	'Papri'
435	<i>Ficus amplissima</i> Sm.	Moraceae	Tree	
436	<i>Ficus benghalensis</i> L.	Moraceae	Tree	'Bargad', 'Barh', 'Barota'
437	<i>Ficus microcarpa</i> L.f.	Moraceae	Tree	
438	<i>Ficus palmata</i> Forssk.	Moraceae	Tree	'Anjiri', 'Kaimbar', 'Khat guleri', 'Patguleri'
439	<i>Ficus racemosa</i> L.	Moraceae	Tree	'Gular'
440	<i>Ficus religiosa</i> L.	Moraceae	Tree	'Peepal'
441	<i>Ficus virens</i> Aiton	Moraceae	Tree	'Pilkhan'
442	<i>Morus alba</i> L.	Moraceae	Tree	'Toot'
443	<i>Morus indica</i> L.	Moraceae	Tree	'Shehtut'
444	<i>Streblus asper</i> Lour.	Moraceae	Tree	'Choriya', 'Papai'
445	<i>Cannabis sativa</i> L.	Cannabaceae	Herb	'Bhang'
446	<i>Flacourtia indica</i> (Burm. f.) Merr.	Salicaceae	Tree	'Khatai'
447	<i>Salix tetrasperma</i> Roxb.	Salicaceae	Tree	
448	<i>Ceratophyllum demersum</i> L.	Ceratophyllaceae	Herb	
449	<i>Hydrilla verticellata</i> (L.f.) Royle.	Hydrocharitaceae	Herb	
450	<i>Najas marina</i> L.	Hydrocharitaceae	Herb	
451	<i>Vallisneria spiralis</i> L.	Hydrocharitaceae	Herb	
452	<i>Musa x paradisiaca</i> L.	Musaceae	Tree	'Kela'
453	<i>Agave schidigera</i> Lem.	Asparagaceae	Shrub	
454	<i>Asparagus racemosus</i> Willd.	Asparagaceae	Shrub	'Satawar', 'Phusar'
455	<i>Dipcadi erythraeum</i> Webb. & Benth	Asparagaceae	Herb	
456	<i>Drimia indica</i> (Roxb.) Jessop	Asparagaceae	Herb	
457	<i>Asphodelus tenuifolius</i> Cav.	Xanthorrhoeaceae	Herb	'Piazi'.
458	<i>Eichhornia crassipes</i> (Mart.) Solms	Pontederiaceae	Herb	'Jal-kumbhi', 'Samunder-sokh'
459	<i>Monochoria hastata</i> (L.) Solms	Pontederiaceae	Herb	
460	<i>Commelina benghalensis</i> L.	Commelinaceae	Herb	'Kanteri', 'Kanvo', 'Kana', 'Kankawwa'
461	<i>Commelina forskalii</i> Vahl.	Commelinaceae	Herb	'Kankawwa', 'Kanvo'
462	<i>Commelina undulata</i> R. Br.	Commelinaceae	Herb	'Kankawwa', 'Kanvo'
463	<i>Juncus bufonius</i> L.	Juncaceae	Herb	'Pola'
464	<i>Borassus flabellifer</i> L.	Arecaceae	Tree	

465	<i>Caryota urens</i> L.	Arecaceae	Tree	'Mari'
466	<i>Phoenix sylvestris</i> (L.) Roxb.	Arecaceae	Tree	'Khajoor'
467	<i>Roystonea regia</i> (Kunth) O.F.Cook	Arecaceae	Tree	
468	<i>Sabal mauritiformis</i> (H.Karst.) Griseb. & H.Wendl.	Arecaceae	Tree	
469	<i>Typha angustata</i> Borys & Chaub	Typhaceae	Shrub	'Pater', 'Patera'
470	<i>Alocasia macrorrhizos</i> (L.) G.Don	Araceae	Herb	
471	<i>Colocasia esculenta</i> (L.) Schott.	Araceae	Herb	'Arvi', 'Ghoyan', 'Kachalu'
472	<i>Lemna aquinoctialis</i> Welw.	Araceae	Herb	'Chowpatti'
473	<i>Spirodela polyrhiza</i> (L.) Schleid.	Araceae	Herb	'Chowpati'
474	<i>Pistia stratiotes</i> L.	Araceae	Herb	
475	<i>Sagittaria guayanensis</i> Kunth	Alismataceae	Herb	
476	<i>Potamogeton crispus</i> L.	Potamogetonaceae	Herb	
477	<i>Potamogeton nodosus</i> Poir.	Potamogetonaceae	Herb	
478	<i>Stuckenia pectinata</i> (L.) Borner	Potamogetonaceae	Herb	'Choriya', 'Papai'
479	<i>Zannichellia palustris</i> L.	Potamogetonaceae	Herb	
480	<i>Blysmus rufus</i> (Huds.) Link	Cyperaceae	Sedge	
481	<i>Bolboschoenus glaucus</i> (Lam.) S.G.Sm.	Cyperaceae	Sedge	
482	<i>Bolboschoenus maritimus</i> subsp. <i>affinis</i> (Roth) T.Koyama	Cyperaceae	Sedge	
483	<i>Cyperus alopecuroides</i> Rottb.	Cyperaceae	Sedge	
484	<i>Cyperus compressus</i> L.	Cyperaceae	Sedge	'Mothi'
485	<i>Cyperus difformis</i> L.	Cyperaceae	Sedge	
486	<i>Cyperus iria</i> L.	Cyperaceae	Sedge	'Motha'
487	<i>Rhynchospora colorata</i> (L.) H. Pfeiff.	Cyperaceae	Sedge	'Bhada', 'Motha'
488	<i>Cyperus niveus</i> Retz.	Cyperaceae	Sedge	
489	<i>Cyperus rotundus</i> L.	Cyperaceae	Sedge	'Motha'
490	<i>Cyperus dubius</i> Rottb.	Cyperaceae	Sedge	
491	<i>Fimbristylis dichotoma</i> (L.) Vahl	Cyperaceae	Sedge	
492	<i>Fimbristylis quadrangularis</i> A.Dietr.ex. Steud	Cyperaceae	Sedge	
493	<i>Kyllinga brevifolia</i> Rottb.	Cyperaceae	Sedge	'Motha'
494	<i>Schoenoplectiella supina</i> (L.) Lye	Cyperaceae	Sedge	
495	<i>Acrachne racemosa</i> (B. Heyne ex Roth) Ohwi	Poaceae	Grass	'Makra'
496	<i>Apluda mutica</i> L.	Poaceae	Grass	
497	<i>Aristida adscensionis</i> L.	Poaceae	Grass	'Lamp'
498	<i>Bothriochloa pertusa</i> (L.) A.Camus	Poaceae	Grass	
499	<i>Brachiaria ramosa</i> (L.) Stapf.	Poaceae	Grass	'Makraghas'
500	<i>Brachiaria reptans</i> (L.) Gard.	Poaceae	Grass	
501	<i>Cenchrus ciliaris</i> L.	Poaceae	Grass	'Anjhan', 'Anjan'
502	<i>Cenchrus setigerus</i> Vahl	Poaceae	Grass	'Anjhan', 'Anjan'
503	<i>Chloris barbata</i> Sw.	Poaceae	Grass	
504	<i>Chrysopogon fulvus</i> (Spreng.) Chiov.	Poaceae	Grass	'Zarga', 'Dhawal', 'Goria', 'Gogar'
505	<i>Chrysopogon zizanioides</i> (L.) Roberty	Poaceae	Grass	'Gandar', 'Jhaund'
506	<i>Crypsis schoenoides</i> (L.) Lam.	Poaceae	Grass	
507	<i>Cymbopogon commutatus</i> (Steud.) Stapf	Poaceae	Grass	
508	<i>Cynodon dactylon</i> (L.) Pers.	Poaceae	Grass	'Doob'
509	<i>Dactyloctenium aegyptium</i> (L.) Willd.	Poaceae	Grass	'Makra'
510	<i>Dactyloctenium scindicum</i> Boiss.	Poaceae	Grass	
511	<i>Dendrocalamus strictus</i> (Roxd.) Nees	Poaceae	Tree	'Bas'
512	<i>Desmostachya bipinnata</i> (L.) Stapf.	Poaceae	Grass	'Daab', 'Kush', 'Kusha'.
513	<i>Dichanthium annulatum</i> (Forssk.) Stapf.	Poaceae	Grass	'Zarga', 'Barlu', 'Apang'
514	<i>Digitaria ciliaris</i> Retz. Henrard	Poaceae	Grass	
515	<i>Digitaria setigera</i> Roth	Poaceae	Grass	'Kiwai'
516	<i>Echinochloa colona</i> (L.) Link	Poaceae	Grass	'Dhelari'
517	<i>Echinochloa crus-galli</i> (L.) P.Beauv.	Poaceae	Grass	'Sama', 'Samak'
518	<i>Eleusine indica</i> (L.) P. Gaertn	Poaceae	Grass	
519	<i>Eragrostis ciliensis</i> (All.) Janch.	Poaceae	Grass	
520	<i>Eragrostis ciliaris</i> (L.) R.Br.	Poaceae	Grass	
521	<i>Eragrostis minor</i> Host	Poaceae	Grass	
522	<i>Eragrostis pilosa</i> (L.) P. Beauv.	Poaceae	Grass	
523	<i>Eragrostis tenella</i> Roem. & Schult.	Poaceae	Grass	
524	<i>Eriochloa procera</i> (Retz.) C.E.Hubb.	Poaceae	Grass	
525	<i>Hemarthria compressa</i> (L.f.) R.Br.	Poaceae	Grass	
526	<i>Heteropogon contortus</i> (L.) P.Beauv. ex Roem. & Schult.	Poaceae	Grass	'Daabsuli', 'Surbala'
527	<i>Imperata cylindrica</i> (L.) Raeusch.	Poaceae	Grass	
528	<i>Leptochloa panicea</i> (Retz.) Owhi	Poaceae	Grass	
529	<i>Lolium temulentum</i> L.	Poaceae	Grass	'Machni'
530	<i>Melanocentris jacquemontii</i> Jaub. & Spaach	Poaceae	Grass	
531	<i>Ochthochloa compressa</i> (Forssk.) Hilu	Poaceae	Grass	'Gadaghas', 'Chimbar'
532	<i>Oplismenus burmannii</i> (Retz.) P. Beauv.	Poaceae	Grass	
533	<i>Oplismenus compositus</i> (L.) P.Beauv.	Poaceae	Grass	
534	<i>Panicum antidotale</i> Retz.	Poaceae	Grass	'Basni'
535	<i>Panicum flavidum</i> Retz.	Poaceae	Grass	
536	<i>Paspalum distichum</i> L.	Poaceae	Grass	
537	<i>Perotis indica</i> (L.) Kuntze	Poaceae	Grass	
538	<i>Phalaris minor</i> Retz.	Poaceae	Grass	'Chitiya bajara'
539	<i>Phragmites australis</i> (Cav.) Trin. ex Steud.Nom.	Poaceae	Grass	
540	<i>Poa annua</i> L.	Poaceae	Grass	
541	<i>Polypogon monspeliensis</i> (L.) Desf.	Poaceae	Grass	
542	<i>Saccharum bengalense</i> Retz.	Poaceae	Grass	'Munj'.

543	<i>Saccharum ravennae</i> (L.) L.	Poaceae	Grass	'Sarkara'
544	<i>Saccharum spontaneum</i> L.	Poaceae	Grass	'Kans', 'Kana', 'Sarkanda'.
545	<i>Schoenefeldia gracilis</i> Kunth.	Poaceae	Grass	
546	<i>Setaria verticillata</i> (L.) P. Beauv.	Poaceae	Grass	'Laptuna'
547	<i>Sorghum halepense</i> (L.) Pers.	Poaceae	Grass	'Baru'
548	<i>Sporobolus diandrus</i> (Retz.) P.Beauv.	Poaceae	Grass	'Doob'
549	<i>Tetrapogon tenellus</i> (Roxb.) Chiov.	Poaceae	Grass	
550	<i>Tragus racemosus</i> (L.) All.	Poaceae	Grass	
551	<i>Urochloa panicoides</i> P.Beauv.	Poaceae	Grass	

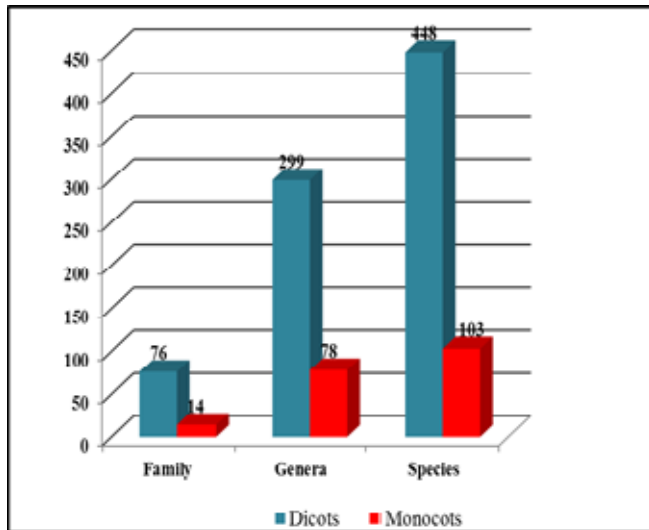


Fig 2: Floristic richness of Delhi flora

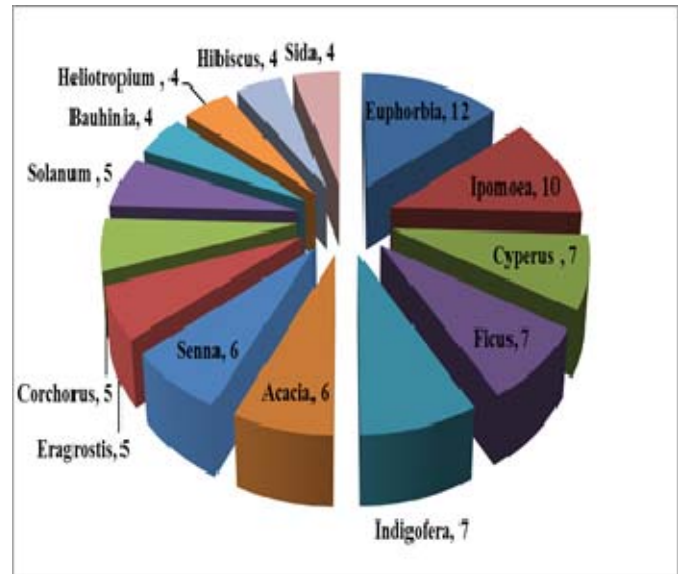


Fig 5: Dominant taxa within genera in Delhi Flora

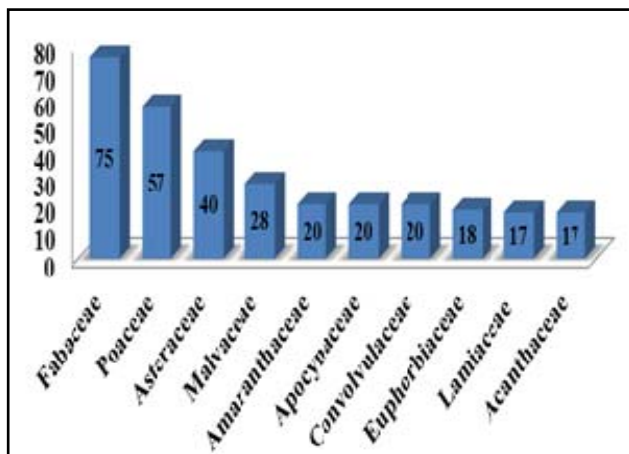


Fig 3: Dominant families with no. of plant species in Delhi flora

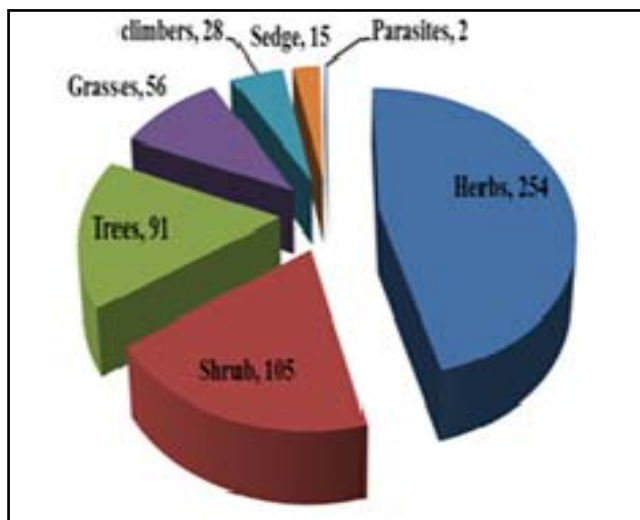


Fig 4: Number of plant species belonging to different habits of flora of Delhi

5. References

1. APG III. An update of the Angiosperm Phylogeny Group classification for the orders and families of flowering plants: APG III. Botanical Journal of the Linnean Society, 2009 161:105-121.
2. Babu CR. Herbaceous flora of Dehradun, New Delhi, 1977, 1-328.
3. Dakshini KMM, Vijayaraghavan, MR. *Cotula australis* (Sieb. Ex. Spreng.) Hook. F. A new record for North India. Indian Forester 1970; 96(1):24-25.
4. Economic Survey report of Delhi, 2001-02. http://www.delhi.gov.in/wps/wcm/connect/doit_planning/Planning/Economic+Survey+of+Dehli/Economic+Survey+of+Delhi+2001+-+2002.
5. India's Fourth National Report to the Convention on Biological Diversity. Ministry of Environment and Forests, Government of India Paryavaran Bhawan, CGO Complex Lodi Road, New Delhi-110 003 http://nbaindia.org/uploaded/Biodiversityindia/4th_report.pdf.
6. Gaur RD. Flora of the District Garhwal North West Himalaya (With Ethnobotanical Notes), Transmedia, Srinagar Garhwal, India, 1999, 1-811.
7. Kumar A, Yadav SR. Additions to the grasses of Delhi, Journal of Economic and Taxonomy Botany. 2005; 29(4):815-827.
8. Jain SP, Verma DM, Singh SC, Singh JS, Kumar S. Flora of Haryana (India). Central Insistute of Medicinal and Aromatic plants, Lucknow, India, 2000, 1-266.
9. Lal C, Ghidiyal JC, Maheshwari DK. Survey of Aquatic Vegetation in and around Delhi. Journal of Economic and Taxonomic Botany. 2002; 26(3):547-549.
10. Maheshwari JK. The Flora of Delhi. CSIR, New Delhi, 1963, 1-445.
11. Maheshwari JK. Illustrations of the Flora of Delhi. CSIR, New Delhi, 1966, 1-282

12. Mishra AK, Mir SA, Sharma MP, Singh HB. Addition to the Flora of Delhi, Indian Journal of Plant Sciences. 2014; 4(3):64-67.
13. Mishra AK, Sharma MP, Singh HB. Addition to the Flora of Delhi. Indian Journal of Plant Sciences. 2015; 4(2):1-6.
14. Myers N. Threatened Biotas: hot spots in tropical forests, The Environmentalist 1988; 8:1-20.
15. Myers N. The biodiversity challenge; extended; hotspots analysis. Environmentalist 1990; 10:243-256.
16. Naihani HB, Chandra S, Pal M. Additions to the Flora of Delhi. Indian Foester 2006; 132:589-599.
17. Nair R, Floristic Study of Dadra and Nagar Haveli, Life sciences Leaflets 2011; 20:898-903.
18. Raizada MB. Supplement to Duthie's Flora of the Upper Gangetic Plain and of the adjacent Siwalik and Sub-Himalayan Tracts. Bishan Singh Mahendra Pal Singh, Dehradun, 1976.
19. Sharma MP, Ahmad J. Some rare or less known plants of Delhi. Journal of Economic and Taxonomic Botany. 1990; 14(1):177-180.
20. Sharma MP, Ahmad J. Capparis zeylanica (L.) (Capparidaceae): An addition to flora of Delhi. Journal of Economic and Taxonomic Botany 1990; 14(3):740.
21. Sharma MP, Ahmad J. Cocculus pendulus (J.R. & Forst.) Diels (Menispermaceae): New record for Delhi. Indian Journal of Forestry. 1991; 14(1):76.
22. Sharma MP. Alternanthera paronychioides (Amaranthaceae) New Plant Record for Delhi. Journal of Economic and Taxonomic Botany 1994; 18(2):395.
23. Sharma MP, Ahmad J. Flora of Mewat (Gurgaon District) Haryana. Journal of Economic and Taxonomic Botany 1995; 19(1):55-62.
24. Sharma, MP. Flora of Delhi: New Plant Record for Delhi, Journal of Economic and Taxonomic Botany. 1997; 21(1):245-246.
25. Sharma MP. Balanophora dioica Royle. Journal of Economic and Taxonomic Botany 2002; 26(1):103-104.
26. VEDIYA SD. KHARADI HS. Study of plant diversity in Megharj range forest District, Sabarkantha, North Gujarat, India, International Journal of Pharmacy & Life Sciences. 2011; 2(7):903-908.
27. Viswanathan MV, Singh HB, Bhawat, PR. Additions to the Flora of Delhi. Journal of Economic and Taxonomic Botany. 1982; 14(3):579-580.
28. Vishwanathan MV, Singh HB, Bhawat PR. New Plant Records for the Upper Gangetic Plain from Delhi, Indian Journal of Forestry. 1984; 7(2):157-158.
29. Viswanathan MV, Singh HB. A new exotic Solanaceous weed in old world. Journal of the Bombay Natural History Society. 1986; 83(Suppl.):226-330.
www.theplantlist.org.