



# Introductory Plants Checklist of Dhule Tehsil, Maharashtra.

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## Abstract:

Dhule tehsil is situated in north-western part of Maharashtra state. It is areas of drought prone; however this area has very rich and unique floristic diversity. A detailed floristic study of all three season has been studied. In this period we have collected 200 Angiosperm taxa from Dhule tehsil and surrounding areas. All data provided in details on locality, common name and families have been recorded. Total 46 different families have been recorded out of which Fabaceae is the dominant family with 28 different taxa.

**Keywords:** Checklist, Dhule, Tehsil, Maharashtra.

## Introduction

During floristic studies for all three season in Dhule tehsil of Maharashtra. It is supported dry deciduous forests covering several habitats like dry thorn, scrub vegetation, sandy plains, seasonal ponds and open grasslands. It is located at 15°5'12' N and 75°40'49' E, it has an average elevation of 250 meters (787 feet). Dhule, Sakri, Shindkheda and Shirpur are among the four taluka in Dhule. It lies in the Khandesh region, which forms the northwest corner of the Deccan Plateau. It is bordered in the west by the Gujarat State and in the north by Madhya Pradesh along with Nandurbar tehsil and in the south and east by Nashik district and Jalgaon district respectively. It is situated in a valley of the Tapi River along the banks of the Panzara River. The climate of the tehsil is on the whole dry except during the south-west monsoon season. The cold season from December to February is followed by the hot season from March to May. The south-west monsoon season which follows thereafter, lasts till September. October and November constitute the post-monsoon season. The average annual rainfall in the tehsil is 674.0 mm. From about the latter half of February, temperatures increase steadily till May which is the hottest part of the year with the mean daily maximum temperature at 40.7 degrees Celsius. Therefore, the vegetation is thorny scrub and open grassland.

## Materials and Methods

During the continuous field visits in different areas of Dhule tehsil the survey, collection and documentation of plant species during all three season has been performed. Plant collected during fields and several field notes on vegetation type, habitat, phenology and occurrence of plant species were noted. On the field several photos has been taken by using Canon Powershot Sx60 HS camera. The collected specimens was identified with help of various floras, monographs and taxonomic revisions (Almeida 1996; Cooke 1908; Ingahalikar 2007; Mishra & Singh, 2001; Sharma *et al.* 1996; Singh *et al.* 2000; Patil 2003; Yadav *et al.* 2002;). The collected specimen was prepared as per herbarium by using standard herbarium techniques (Rao and Sharma 1990) and the specimen was deposited in JET's Zulal Bhilajirao Patil College, Dhule. The plant nomenclature has been studied by using updated website i.e. IPNI, Tropicos, and POWO Science.

**Table 1.** Plants Checklist.

Sr. No.	Botanical Name	Family	Habit	Common Name	Locality	Exsiccata
1.	<i>Andrographis paniculata</i> (Burm.f.) Nees	Acanthaceae	Herb	Kalamegha	Haranmal	ASH-1
2.	<i>Barleria cristata</i> L.	Acanthaceae	Herb	Kornti	Laling	ASH-2
3.	<i>Dipteracanthus prostratus</i> (Poir.) Nees	Acanthaceae	Herb	BhuiRuwel	Nakane	ASH-3
4.	<i>Justicia japonica</i> Thunb.	Acanthaceae	Herb	-	Wadel	ASH-4
5.	<i>Lepidagathis trinervis</i> Nees	Acanthaceae	Herb	Bhuigend	Wadel	ASH-5
6.	<i>Peristrophe bicalyculata</i> (Retz.) Nees ( <i>Dicliptera paniculata</i> (Forssk.) I. Darbysh.)	Acanthaceae	Herb	kakajangha	Fagne	ASH-6
7.	<i>Rostellularia diffusa</i> (Willd.) Nees	Acanthaceae	Herb	-	Wadel	ASH-7
8.	<i>Rostellularia procumbens</i> (L.) Nees	Acanthaceae	Herb	Karambal	Kundane	ASH-8
9.	<i>Achyranthes aspera</i> L.	Amaranthaceae	Herb	Aghada	Fagne	ASH-9
10.	<i>Alternanthera paronychioides</i> A. St.-Hil.	Amaranthaceae	Herb	-	Laling	ASH-10
11.	<i>Alternanthera sessilis</i> (L.) R.Br. ex DC.	Amaranthaceae	Herb	Kanchari	Tikhi	ASH-11
12.	<i>Celosia argentea</i> L.	Amaranthaceae	Herb	Kurdu, Kurda	Laling	ASH-12
13.	<i>Lannea coromandelica</i> (Houtt.) Merr.	Anacardiaceae	Tree	Moi	Laling	ASH-13
14.	<i>Cryptolepis buchananii</i> R.Br. ex Roem. & Schult.	Apocynaceae	Climbing Shrub	DudhVel	Haranmal	ASH-14
15.	<i>Catharanthus spussillus</i> (Murray) G. Don	Apocynaceae	Herb	Sunkaphi	Laling	ASH-15
16.	<i>Cryptostegia grandiflora</i> Roxb. ex R.Br.	Apocynaceae	Climber	VilaytiVakundi	Haranmal	ASH-16
17.	<i>Hemidesmus indicus</i> (L.) R.Br.	Apocynaceae	Climber	AnantVel	Laling	ASH-17
18.	<i>Pergularia daemia</i> (Forssk.) Chiov.	Apocynaceae	Climber	MendaDudhi	Laling	ASH-18
19.	<i>Sarcostemma viminalis</i> (L.) R.Br. [ <i>Cynanchum viminalis</i> (L.) L.]	Apocynaceae	Climber	-	Wadel	ASH-19
20.	<i>Vincetoxicum indicum</i> (Burm.f.) Mabb. [ <i>Tylophora indica</i> (Burm.f.) Merr.]	Apocynaceae [Asclepiadaceae]	Climber	Antamul	Kundane	ASH-20

21.	<i>Wrightia tinctoria</i> (Roxb.) R.Br.	Apocynaceae	Tree	Kala Kuda	Laling	ASH-21
22.	<i>Aristolochia bracteolate</i> Lam.	Aristolochiaceae	Herb	Gandhat	Tikhi	ASH-22
23.	<i>Calotropis procera</i> (Aiton) W.T.Aiton	Asclepiadaceae [Apocyanaceae]	Shrub	Ruchakie	Haranmal	ASH-23
24.	<i>Caralluma adscendens</i> var. <i>attenuata</i> (Wight) Gravely & Mayur.	Asclepiadaceae [Apocyanaceae]	Herb	Makadsheng	Kundane	ASH-24
25.	<i>Holostemma annularium</i> (Roxb.) K.Schum. [ <i>Cynanchum annularium</i> (Roxb.) Liede & Khanum.]	Asclepiadaceae [Apocyanaceae]	Climbing Herb	Chirvel	Laling	ASH-25
26.	<i>Asparagus racemosus</i> Willd.	Asparagaceae	Climber	Shatavari	Kundane	ASH-26
27.	<i>Chlorophytum tuberosum</i> (Roxb.) Baker.	Asparagaceae	Herb	Musli	Tikhi	ASH-27
28.	<i>Ledebouria revoluta</i> (L.f.) Jessop	Asparagaceae	Herb	Bhuikanda	Kundane	ASH-28
29.	<i>Bidens biternata</i> (Lour.) Merr. & Sherff	Asteraceae	Herb	Chirchitta	Laling	ASH-29
30.	<i>Glossocardia bosvallia</i> DC.	Asteraceae	Herb	Phattar- suva, seri	Laling	ASH-30
31.	<i>Launaea procumbens</i> (Roxb.) Ramayya & Rajagopal L.	Asteraceae	Herb	Pathari	Tikhi	ASH-31
32.	<i>Spilanthes calva</i> DC.	Asteraceae	Herb	-	Laling	ASH-32
33.	<i>Tridax procumbens</i> L.	Asteraceae	Herb	Ekdandie	Wadel	ASH-33
34.	<i>Xanthium indicum</i> J.Koenig ex Roxb.	Asteraceae	Herb	Ghagara	Laling	ASH-34
35.	<i>Cordia dichotoma</i> G.Forst.	Boraginaceae	Tree	Bhokar	Tikhi	ASH-35
36.	<i>Spathodea campanulata</i> P.Beauv.	Bignoniaceae	Tree	Pichkari	Laling	ASH-36
37.	<i>Tecoma stans</i> (L.) Juss. ex Kunth	Bignoniaceae	Tree	Saag	Laling	ASH-37
38.	<i>Trichodesma indicum</i> (L.) Sm.	Boraginaceae	Herb	Chota Kalpa	Kundane	ASH-38
39.	<i>Capparis deciduas</i> (Forssk.) Edgew.	Capparaceae	Shrub	Kair	Kundane	ASH-39
40.	<i>Cleome scaposa</i> DC.	Cleomaceae	Herb	-	Wadel	ASH-40
41.	<i>Cleome simplicifolia</i> Hook. F. & Thomson	Cleomaceae	Herb	Gavti Tilwan	Wadel	ASH-41
42.	<i>Cleome viscosa</i> L.	Cleomaceae	Herb	Pivli Tilwan	Wadel	ASH-42
43.	<i>Gloriosa superba</i> L.	Colchicaceae	Herb	Kallavi	Wadel	ASH-43
44.	<i>Iphigenia stellata</i> Blatt.	Colchicaceae	Herb	Gulabi Bhuic hakra	Laling	ASH-44
45.	<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.	Combretaceae	Tree	Arjun	Kundane	ASH-45
46.	<i>Terminalia chebula</i> Retz.	Combretaceae	Tree	Hirda	Laling	ASH-46
47.	<i>Commelina benghalensis</i> L.	Commelinaceae	Herb	Kena	Tikhi	ASH-47
48.	<i>Commelina diffusa</i> Burm.f.	Commelinaceae	Herb	Gandologi	Tikhi	ASH-48
49.	<i>Cyanotis fasciculata</i> (B.Heyne ex Roth) Schult. & Schult.f.	Commelinaceae	Herb	Nilwanti	Kundane	ASH-49
50.	<i>Convolvulus arvensis</i> L.	Convolvulaceae	Climber	Chand vel	Kundane	ASH-50
51.	<i>Convolvulus rotlerianus</i> Choisy	Convolvulaceae	Herb	-	Kundane	ASH-51
52.	<i>Cuscuta campestris</i> Yunck.	Convolvulaceae	Herb	Amaevel	Haranmal	ASH-52
53.	<i>Evolvulus alsinoides</i> (L.) L.	Convolvulaceae	Herb	Vishnukrant a	Kundane	ASH-53

54.	<i>Ipomoea aquatica</i> Forssk.	Convolvulaceae	perennial herb	Marol (Somali).	Laling	ASH-54
55.	<i>Ipomoea hederifolia</i> L.	Convolvulaceae	Climbing Herb	Lal pungli	Laling	ASH-55
56.	<i>Ipomoea laxiflora</i> H.J.Chowdhery&Debta	Convolvulaceae	Shrub	-	Wadel	ASH-56
57.	<i>Ipomoea marginata</i> (Desr.) Manitz ( <i>Ipomoea sagittifolia</i> Burm.f.)	Convolvulaceae	Shrub	AmtiVel	Laling	ASH-57
58.	<i>Ipomoea obscura</i> (L.) Ker Gawl.	Convolvulaceae	Shrub	Pivli bhonvari	Fagne	ASH-58
59.	<i>Ipomoea pes-tigridis</i> L.	Convolvulaceae	Shrub	Waghpanja	Wadel	ASH-59
60.	<i>Ipomoea triloba</i> L.	Convolvulaceae	Shrub	Ivali bhonvari	Fagne	ASH-60
61.	<i>Rivea hypocrateriformis</i> (Desr.) Choisy	Convolvulaceae	Climber	Sanjvel	Laling	ASH-61
62.	<i>Xenostegia tridentate</i> (L.) D.F.Austin& Staples	Convolvulaceae	Herb	-	Kundane	ASH-62
63.	<i>Cucumis callosus</i> Cogn.	Cucurbitaceae	Climber	Chibunda	Fagne	ASH-63
64.	<i>Cucumis prophetarum</i> L.	Cucurbitaceae	Climber	-	Mahindale	ASH-64
65.	<i>Cyperus pulchellus</i> R.Br.	Cyperaceae	Herb	-	Tikhi	ASH-65
66.	<i>Cyperus pulcherrimus</i> Willd. ex Kunth	Cyperaceae	Herb	-	Tikhi	ASH-66
67.	<i>Cyperus squarrosus</i> L.	Cyperaceae	Herb	-	Laling	ASH-67
68.	<i>Eleocharis atropurpurea</i> (Retz.) J.Presl&C.Presl.	Cyperaceae	Herb	-	Tikhi	ASH-68
69.	<i>Eleocharis geniculata</i> (L.) Roem. & Schult.	Cyperaceae	Herb	-	Kundane	ASH-69
70.	<i>Eleocharis zatei</i> W.Khan&Lakshmin.	Cyperaceae	Herb	-	Kundane	ASH-70
71.	<i>Fimbristylis dichotoma</i> (L.) Vahl	Cyperaceae	Herb	-	Kundane	ASH-71
72.	<i>Fimbristylis miliacea</i> (L.) Vahl	Cyperaceae	Herb	-	Laling	ASH-72
73.	<i>Fimbristylis schoenoides</i> (Kunth) K.Schum.	Cyperaceae	Herb	-	Kundane	ASH-73
74.	<i>Hygrophila schulli</i> M.R.Almeida&S.M.Almeida	Cyperaceae	Herb	-	Laling	ASH-74
75.	<i>Kyllinga triceps</i> Rottb. [ <i>Cyperus dubius</i> var. <i>dubius</i> ]	Cyperaceae	Herb	-	Kundane	ASH-75
76.	<i>Acalypha indica</i> L.	Euphorbiaceae	Herb	Kupi	Mahindale	ASH-76
77.	<i>Euphorbia hirta</i> L.	Euphorbiaceae	Herb	Dudhi	Wadel	ASH-77
78.	<i>Euphorbia neriifolia</i> L. R.Br.	Euphorbiaceae	Shrub	Nivdung	Laling	ASH-78
79.	<i>Jatropha gossypifolia</i> L.	Euphorbiaceae	Shrub	Chandri	Wadel	ASH-79
80.	<i>Phyllanthus urinaria</i> L	Euphorbiacea [Phyllanthaceae]	Tree	LaalBhooyia vali	Wadel	ASH-80
81.	<i>Phyllanthus virgatus</i> G.Forst.	Euphorbiacea [Phyllanthaceae]	Herb	-	Tikhi	ASH-81
82.	<i>Abrus precatorius</i> L.	Fabaceae	Climber	Gunj	Tikhi	ASH-82
83.	<i>Albizia procera</i> (Roxb.) Benth.	Fabaceae	Tree	Karoi	Laling	ASH-83
84.	<i>Alysicarpus heyneanus</i> Wight &Arn.	Fabaceae	Herb	-	Laling	ASH-84

85.	<i>Alysicarpus naikianus</i> Pokle	Fabaceae	Herb	-	Haranmal	ASH-85
86.	<i>Alysicarpus tetragonolobus</i> var. <i>pashanensis</i> S.M . Almeida &M.R.Almeida	Fabaceae	Herb	Lal shevra	Kundane	ASH-86
87.	<i>Bauhinia purpurea</i> L.	Fabaceae	Tree	Apta	Kundane	ASH-87
88.	<i>Butea monosperma</i> (Lam.) Kuntze	Fabaceae	Tree	Palas	Ambode	ASH-88
89.	<i>Caesalpinia pulcherrima</i> (L.) Sw.	Fabaceae	Tree	Shankasur	Nakane	ASH-89
90.	<i>Canavalia gladiata</i> (Jacq.) DC.	Fabaceae	Climber Shrub	LalKadsumbal	Laling	ASH-90
91.	<i>Cassia absus</i> L.	Fabaceae	Herb	Chimar	Haranmal	ASH-91
92.	<i>Cassia fistula</i> L.	Fabaceae	Tree	Bahava	Kundane	ASH-92
93.	<i>Cassia tora</i> L.	Fabaceae	Herb	Takla	Kundane	ASH-93
94.	<i>Crotalaria hebecarpa</i> (DC.) Rudd	Fabaceae	Herb	Ghodhadie	Kundane	ASH-94
95.	<i>Crotalaria medicaginea</i> Lam.	Fabaceae	Herb	-	Laling	ASH-95
96.	<i>Crotalaria mysorensis</i> Roth	Fabaceae	Herb	Maisuri tag	Haranmal	ASH-96
97.	<i>Dichrostachys cinerea</i> (L.) Wight &Arn.	Fabaceae	Shrub	DurangiBabhul	Tikhi	ASH-97
98.	<i>Erythrina variegata</i> L.	Fabaceae	Tree	Pingara	Tikhi	ASH-98
99.	<i>Indigofera constricta</i> (Thwaites) Trimen	Fabaceae	Herb	-	Wadel	ASH-99
100.	<i>Indigofera cordifolia</i> B.Heyne ex Roth	Fabaceae	Herb	Bechka	Wadel	ASH-100
101.	<i>Indigofera linifolia</i> (L.f.) Retz.	Fabaceae	Herb	Ratanjot, Ratnamala, Torki	Wadel	ASH-101
102.	<i>Senegalia catechu</i> (L.f.) P.J.H.Hurter&Mabb. [Acacia catechu (L.f.) Willd.	Fabaceae	Tree	Khair	Laling	ASH-102
103.	<i>Senna auriculata</i> (L.) Roxb. [Cassia auriculata L.]	Fabaceae	Shrub	MothaTarwad	Kundane	ASH-103
104.	<i>Senna uniflora</i> (Mill.) H.S.Irwin&Barneby ( <i>Cassiauniflora</i> Spreng.)	Fabaceae	Shrub	-	Kundane	ASH-104
105.	<i>Stylosanthes fruticosa</i> (Retz.) Alston	Fabaceae	Herb	Hamata	Mahindale	ASH-105
106.	<i>Taverniera cuneifolia</i> (Roth) Arn.	Fabaceae	Shrub	-	Laling	ASH-106
107.	<i>Tephrosia purpurea</i> (L.) Pers.	Fabaceae	Shrub	Sharpukha	Tikhi	ASH-107
108.	<i>Vachellia nilotica</i> (L.) P.J.H.Hurter&Mabb.[Acacia nilotica (L.)Willd.exDelile]	Fabaceae	Tree	Babhul	Laling	ASH-108
109.	<i>Zornia diphylla</i> (L.) Pers.	Fabaceae	Herb	Jimgari	Tikhi	ASH-109
110.	<i>Canscora diffusa</i> (Vahl) R. Br. Ex Roem&Schult.	Gentianaceae	Herb	Kilwar	Tikhi	ASH-110
111.	<i>Canscora pauciflora</i> Dalzell	Gentianaceae	Herb	PandhraKilwar	Nakane	ASH-111
112.	<i>Enicostema axillare</i> (Poir. ex Lam.) A.Raynal	Gentianaceae	Herb	-	Kundane	ASH-112

113.	<i>Exacum pumilum</i> Griseb.	Gentianaceae	Herb	JambhliChirayat	Nakane	ASH-113
114.	<i>Hoppea fastigiata</i> (Griseb.) C.B.Clarke	Gentianaceae	Herb	-	Laling	ASH-114
115.	<i>Anisochilus carnosus</i> (L.f.) Wall.exBenth. ( <i>Coleusstrobilifer</i> (Roxb.)A.J.Paton)	Lamiaceae	Herb	Kaapurli	Laling	ASH-115
116.	<i>Clerodendrum longiflorum</i> var. <i>glabrum</i> Munir [ <i>Clerodendrum longiflorum</i> Decne.]	Lamiaceae	Shrub	-	Tikhi	ASH-116
117.	<i>Hyptis suaveolens</i> (L.) Poit. ( <i>Mesosphaerumsuaveolens</i> (L.)Kuntze)	Lamiaceae	Herb	Bhustrena	Fagne	ASH-117
118.	<i>Lavandula bipinnata</i> (Roth) Kuntze	Lamiaceae	Herb	Ghodegui	Wadel	ASH-118
119.	<i>Leucas aspera</i> (Willd.) Link	Lamiaceae	Herb	Tamba	Tikhi	ASH-119
120.	<i>Leucas biflora</i> (Vahl) Sm.	Lamiaceae	Herb	Jodi Burumbi	Tikhi	ASH-120
121.	<i>Ocimum americanum</i> L.	Lamiaceae	Herb	Ran-Tulsi	Wadel	ASH-121
122.	<i>Orthosiphon pallidus</i> Royle ex Benth.	Lamiaceae	Herb	-	Tikhi	ASH-122
123.	<i>Careya arborea</i> Roxb.	Lecythidaceae	Tree	Khumb	Tikhi	ASH-123
124.	<i>Spigelia anthelmia</i> L.	Loganiaceae	Herb	-	Laling	ASH-124
125.	<i>Ammannia baccifera</i> L.	Lythraceae	Herb	Aginbuti	Laling	ASH-125
126.	<i>Lagerstroemia speciosa</i> (L.) Pers.	Lythraceae	Tree	Tamhan	Kundane	ASH-126
127.	<i>Magnolia champaca</i> (L.) Baill. ex Pierre	Magnoliaceae	Tree	Chafa	Wadel	ASH-127
128.	<i>Abelmoschus ficulneus</i> (L.) Wight & Arn.	Malvaceae	Shrub	JungliBhend i	Kundane	ASH-128
129.	<i>Abelmoschus manihot</i> (L.) Medik.	Malvaceae	Herb	Ranbhendi	Tikhi	ASH-129
130.	<i>Abutilon indicum</i> (L.) Sweet	Malvaceae	Shrub	Songhanta	Kundane	ASH-130
131.	<i>Bombax ceiba</i> L.	Malvaceae	Tree	Katesavar	Laling	ASH-131
132.	<i>Corchorus aestuans</i> L.	Malvaceae	Herb	-	Kundane	ASH-132
133.	<i>Corchorus capsularis</i> L.	Malvaceae	Shrub	Chonche	Nakane	ASH-133
134.	<i>Corchorus depressus</i> (L.) Peterm.	Malvaceae	Herb	Bahuphali	Kundane	ASH-134
135.	<i>Corchorus fascicularis</i> Lam.	Malvaceae	Herb	Hirankuri	Kundane	ASH-135
136.	<i>Firmiana colorata</i> (Roxb.) R.Br.	Malvaceae	Tree	Supli	Tikhi	ASH-136
137.	<i>Grewia nervosa</i> (Lour.) Panigrahi	Malvaceae	Tree	Hasoli	Wadel	ASH-137
138.	<i>Hibiscus hirtus</i> L.	Malvaceae	Shrub	Dupari	Wadel	ASH-138
139.	<i>Hibiscus lobatus</i> (Murray) Kuntze	Malvaceae	Shrub	Lahan jaswand	Wadel	ASH-139
140.	<i>Pavonia odorata</i> Willd. ( <i>Pavoniazeylonica</i> (L.) Cav.)	Malvaceae	Shrub	-	Laling	ASH-140
141.	<i>Sida acuta</i> Burm.f.	Malvaceae	Herb	Chikana	Fagne	ASH-141
142.	<i>Sida cordata</i> (Burm.f.) Borss.Waalk.	Malvaceae	Herb	Bhumi petari, Bhoybal	Kundane	ASH-142
143.	<i>Sida spinosa</i> L.	Malvaceae	Herb	-	Tikhi	ASH-143



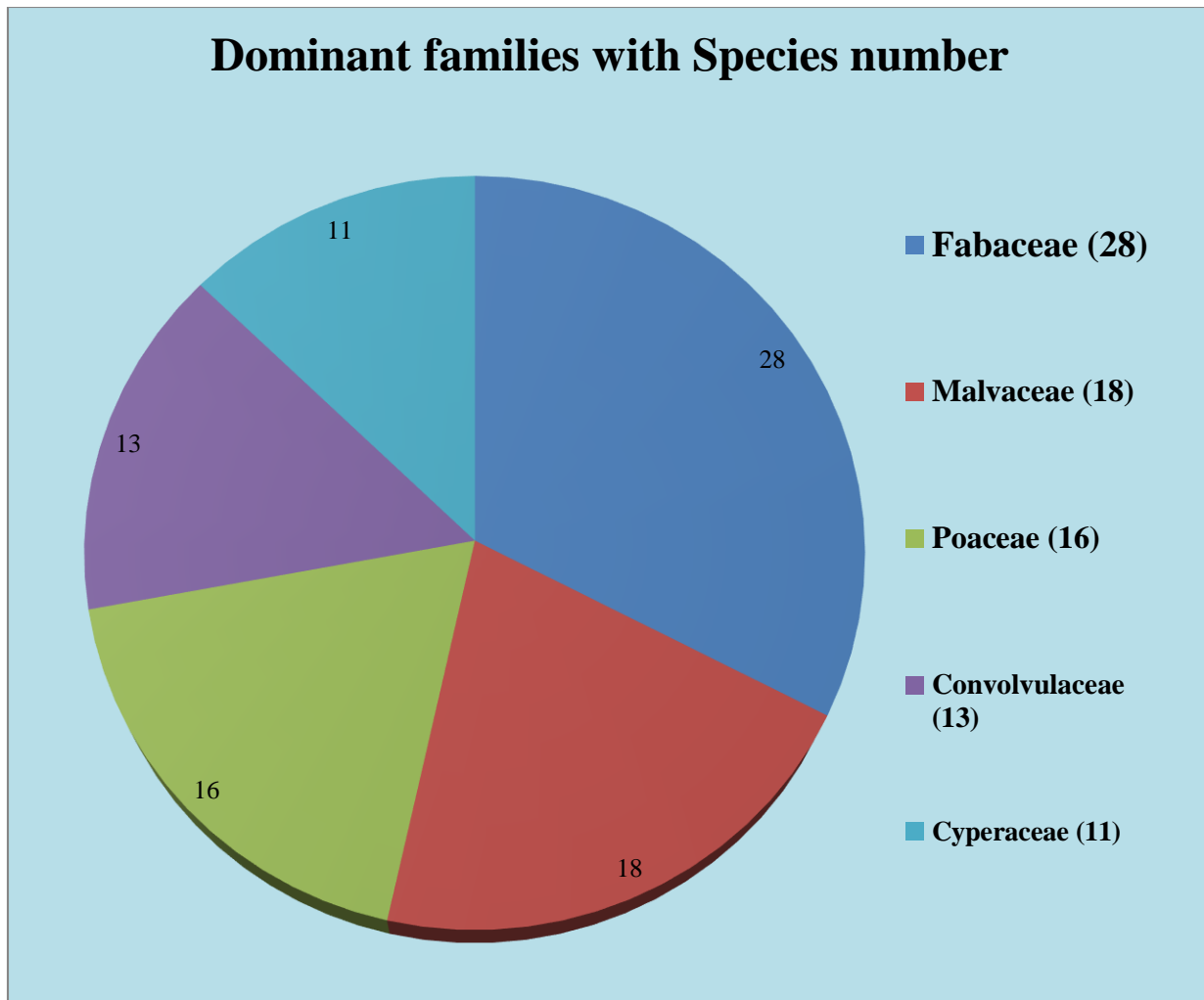
144.	<i>Sterculia urens</i> Roxb.	Malvaceae	Tree	Kahandal	Laling	ASH-144
145.	<i>Triumfetta pentandra</i> A.Rich.	Malvaceae	Herb	Nichardi	Laling	ASH-145
146.	<i>Glinus oppositifolius</i> (L.) Aug.DC.	Molluginaceae	Herb	-	Laling	ASH-146
147.	<i>Mollugo nudicaulis</i> Lam.	Molluginaceae	Herb	-	Wadel	ASH-147
148.	<i>Ficus benghalensis</i> L.	Moraceae	Tree	Vad	Laling	ASH-148
149.	<i>Ficus racemosa</i> L.	Moraceae	Tree	Umbar	Laling	ASH-149
150.	<i>Ficus religiosa</i> L.	Moraceae	Tree	Pimpal	Laling	ASH-150
151.	<i>Martynia annua</i> L.	Martyniaceae	Herb	Wagnakhi	Nakane	ASH-151
152.	<i>Syzygium heyneanum</i> (Duthie) Gamble	Myrtaceae	Tree	Jamun	Laling	ASH-152
153.	<i>Boerhavia erecta</i> L.	Nyctaginaceae	Herb	PandhariPun arnava	Kundane	ASH-153
154.	<i>Boerhavia fruticosa</i> Dalzell [ <i>Commicarpus grandiflorus</i> (A.Rich.)]	Nyctaginaceae	Herb	-	Kundane	ASH-154
155.	<i>Jasminum sambac</i> (L.) Aiton	Oleaceae	Tree	Mogra	Kundane	ASH-155
156.	<i>Ludwigia perennis</i> L.	Onagraceae	Herb	-	Laling	ASH-156
157.	<i>Passiflora foetida</i> L.	Passifloraceae	Climber	Vel-Ghani	Wadel	ASH-157
158.	<i>Aristida setacea</i> Retz.	Poaceae	Herb	-	Kundane	ASH-158
159.	<i>Chloris barbata</i> Sw.	Poaceae	Herb	Gondvel, tan	Kundane	ASH-159
160.	<i>Chrysopogon fulvus</i> (Spreng.) Chiov.	Poaceae	Herb	Karni	Laling	ASH-160
161.	<i>Dactyloctenium aegyptium</i> (L.) Willd.	Poaceae	Herb	-	Tikhi	ASH-161
162.	<i>Dichanthium annulatum</i> (Forssk.) Stapf	Poaceae	Herb	-	Kundane	ASH-162
163.	<i>Digitaria ciliaris</i> ((Retz.) Koeler	Poaceae	Herb	-	Tikhi	ASH-163
164.	<i>Dinebra retroflexa</i> (Vahl) Panz.	Poaceae	Herb	Goradu	Tikhi	ASH-164
165.	<i>Eragrostis cilianensis</i> (All.) Vignolo ex Janch	Poaceae	Herb	-	Kundane	ASH-165
166.	<i>Eragrostis unioides</i> (Retz.) Nees ex Steud.	Poaceae	Herb	Seete-che pohe	Laling	ASH-166
167.	<i>Heteropogon contortus</i> (L.) P.Beauv. ex Roem.&Schult.	Poaceae	Grass	-	Tikhi	ASH-167
168.	<i>Heteropogon triticeus</i> (R.Br.) Stapf ex Craib	Poaceae	Grass	-	Tikhi	ASH-168
169.	<i>Melanocenchris jacquemontii</i> Jaub. &Spach	Poaceae	Herb	-	Tikhi	ASH-169
170.	<i>Oropetium roxburghianum</i> (Schult.) S.M.Phillips	Poaceae	Herb	-	Laling	ASH-170
171.	<i>Paspalum scrobiculatum</i> L.	Poaceae	Herb	-	Mahindale	ASH-171
172.	<i>Setaria pumila</i> (Poir.) Roem.&Schult.	Poaceae	Herb	Barati	Fagne	ASH-172
173.	<i>Themeda quadrivalvis</i> (L.) Kuntze	Poaceae	Herb	-	Kundane	ASH-173

174.	<i>Polygala arvensis</i> Willd.	Polygalaceae	Herb	-	Kundane	ASH-174
175.	<i>Polygala bolbothrix</i> Dunn	Polygalaceae	Herb	-	Kundane	ASH-175
176.	<i>Polygala erioptera</i> DC.	Polygalaceae	Herb	Gulpankhi	Tikhi	ASH-176
177.	<i>Portulaca pilosa</i> L.	Portulacaceae	Herb	ChiniGulab	Tikhi	ASH-177
178.	<i>Portulaca tuberosa</i> Roxb.	Portulacaceae	Herb	Jungle Gajar	Tikhi	ASH-178
179.	<i>Ziziphus jujube</i> Mill.	Rhamnaceae	Shrub	Bor	Tikhi	ASH-179
180.	<i>Aegle marmelos</i> (L.) Corrêa	Rutaceae	Tree	Bel	Tikhi	ASH-180
181.	<i>Hedyotis fruticosa</i> L.	Rubiaceae	Herb	-	Kundane	ASH-181
182.	<i>Ixora coccinea</i> L.	Rubiaceae	Shrub	-		ASH-182
183.	<i>Ixora pavetta</i> Andrews	Rubiaceae	Shrub	Khura	Laling	ASH-183
184.	<i>Spermacoce auriculata</i> F.Muell.	Rubiaceae	Herb	-	Wadel	ASH-184
185.	<i>Spermacoce pusilla</i> Wall.	Rubiaceae	Herb	Tarakadal	Wadel	ASH-185
186.	<i>Limnophila indica</i> (L.) Druce	Scrophulariaceae [Plantaginaceae]	Herb	Ambuli	Laling	ASH-186
187.	<i>Lindenbergia muraria</i> (Roxb.)	Scrophulariaceae [Orobanchaceae]	Herb	Dhol	Tikhi	ASH-187
188.	<i>Parasopubia delphinifolia</i> (L.) H.-P. Hofm. &Eb. Fisch. [ <i>Sopubia delphinifolia</i> (L.) G.]	Scrophulariaceae [Orobanchaceae]	Herb	Dudhali	Kundane	ASH-188
189.	<i>Striga angustifolia</i> (D.Don) C.J.Saldanha	Scrophulariaceae [Orobanchaceae]	Herb	-	Tikhi	ASH-189
190.	<i>Striga densiflora</i> (Benth.) Benth.	Scrophulariaceae [Orobanchaceae]	Herb	Agya	Laling	ASH-190
191.	<i>Striga gesnerioides</i> (Willd.) Vatke	Scrophulariaceae [Orobanchaceae]	Herb	Bambaku	Laling	ASH-191
192.	<i>Datura metel</i> L.	Solanaceae	Herb	Dhatura	Fagne	ASH-192
193.	<i>Physalis angulata</i> L.	Solanaceae	Herb	Popti	Laling	ASH-193
194.	<i>Solanum anguivi</i> Lam.	Solanaceae	Shrub	Amb-keli	Kundane	ASH-194
195.	<i>Withania somnifera</i> (L.) Dunal	Solanaceae	Shrub	Ashwagandha	Kundane	ASH-195
196.	<i>Tamarix aphylla</i> (L.) H.Karst.	Tamaricaceae	Shrub	-	Laling	ASH-196
197.	<i>Phyla nodiflora</i> (L.) Greene	Verbenaceae	Herb	Gaura Mundi	Wadel	ASH-197
198.	<i>Hybanthus stellarioides</i> (Domin) P.I.Forst.	Violaceae	Herb		Laling	ASH-198
199.	<i>Balanites roxburghii</i> Planch.	Zygophyllaceae	Tree	Hingan	Nakane	ASH-199
200.	<i>Tribulus terrestris</i> L.	Zygophyllaceae	Herb	Kate Gokhru	Kundane	ASH-200

### Results and discussion:

During the present floristic study of tehsil Dhule for the one year period, the checklist and herbarium of 200 plant specimen belonging to 46 families has been studied. The Family Fabaceae is dominant with highest number of species i.e. 28. Other than Fabaceae few other dominant families are Malvaceae (18), Poaceae (16), Convolvulaceae (13) and Cyperaceae (11).





#### Conclusion:

This floristic study of plants checklist for the Dhule tehsil will definitely help for the future research references. It will be a good platform set to the students, researchers and teachers who willing to continue the process of documentation and plant study.

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**Photo-Plate-1**



*Alysicarpus tetragonolobus*  
var. *pashanensis* S.M. Almeida & M.R.Almeida



*Chlorophytum tuberosum*  
(Roxb.)Baker.



*Cyanotis fasciculata*  
(B.Heyne ex Roth) Schult. &Schult.f.



*Enicostema axillare*  
(Poir. ex Lam.) A.Raynal



*Alysicarpus naikianus* Pokle



*Zornia diphylla* (L.) Pers.



*Cleome viscosa* L.



*Cyperus pulcherrimus*  
Willd. ex Kunth



*Digitaria ciliaris* ((Retz.) Koeler

**Photo-Plate-2**



*Caralluma adscendens*  
*var. attenuata*  
(Wight) Gravely & Mayur.



*Crotalaria hebecarpa* (DC.) Rudd



*Cleome simplicifolia*  
Hook.F. & Thomson



*Butea monosperma* (Lam.) Kuntze



*Hibiscus hirtus* L.



*Hybanthus stellarioides* (Domin) P.I. Forst.



*Ipomoea pes-tigridis* L.



*Abrus precatorius* L.

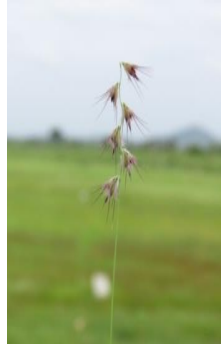


*Portulaca tuberosa* Roxb.

**Photo-Plate-3**



*Fimbristylis dichotoma* (L.) Vahl



*Melanocenchris jacquemontii* Jaub.&Spach



*Cordia dichotoma* G.Forst.



*Striga densiflora* (Benth.)Benth.



*Phyllanthus urinaria* L.



*Spigelia anthelmia* L.



*Tephrosia purpurea* (L.) Pers.



*Grewia nervosa* (Lour.) Panigrahi



*Capparis decidua*(Forssk.) Edgew.



*Polygala arvensis* Willd.