

# Weed Flora of Danta Taluka, Gujrat, India

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**Abstract**—The present study was conducted the weed flora of danta taluka, banaskhantha district gujarat. the study was total period of 11 month from May 2024 to march 2025 this study survey in danta taluka, 69 species of weeds found this study which total families 20, 42 genara were recorded in present study various duration is described with their botanical name, family, local namw, and uses. This species habitat in dominant species is 45 herb,18 shurb, 5 vine, 1 climber.

## I. INTRODUCTION

The danta taluka lies beetwen 24.19 North latitudes and 72.76' East longitude. The northeast of the rajasthan state, west palanpur and vadgam taluka, East sabarkhantha district, west south mehsana district. Danta is significant forest are including the danta range part of the balaram ambaji wild life sanctuary.total area of this taluka is 901 sq.km comprising about 883.68 km of rural area and 17.41km urban area. Total population 7784 of which 4036 are male and 3748 are female.danta taluka nearby visiting placeae amba mata temple, amba castal and antarsha tumb.

Results and discussion

## II. STUDY AREA

Latitude and longitude of danta taluka is latitude 24 12'11 north and longitude 72 44 41 east. Having total area 901km consisting 883.68 km rural area and 17.41 km arban area. Danta taluka North Rajasthan state, South Mehsana district, East sabarkantha district and hada taluka, West Palanpur and vadgam taluka. danta taluka river banas and Saraswati originating in Aravali hills.

## III. MATERIAL AND METHODS

An extensive floristic survey was conducted during May 2024 to March 2025. Data collection and identification in different session. During the field work and collection special attention was given to record the characters of weeds identification of the weed species was done by flora of Gujarat (shah 1978).

The list has been prepared in sequence of scientific name of plant name of family and local name (vernacular name). karlikar(2015)

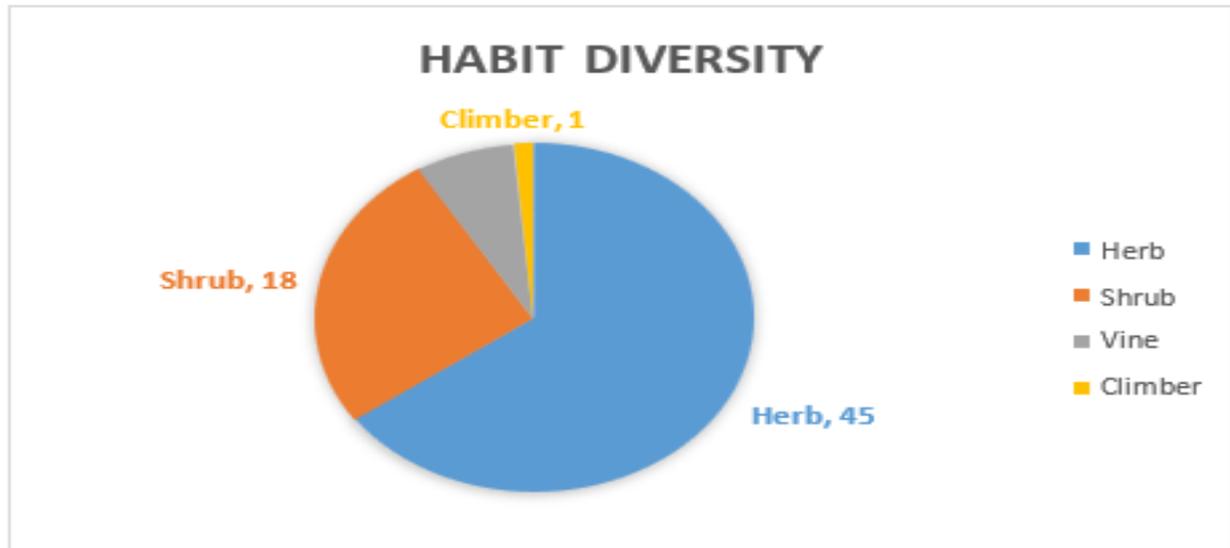
Sr. No	Plant species	Gujarati local name	Family	Habit
1	Dactyloctenium aegyptium (L.) Wild		Poaceae	Herb
2	Echinochola colona (L.)Link	Moto jino	Poaceae	Herb
3	Acrachne racemosa (B.Heyne exRothowi)		Poaceae	Herb
4	Cynodon dactylon (L.)Pers	Dharo	Poaceae	Herb
5	Chloris barbata Sw.	Mindadiu	Poaceae	Herb
6	Imperata cylindrical (L) Raechsch		Poaceae	Herb
7	Eragrostis cilianensis (All.)Link		Poaceae	Herb
8	Casia tora (L.)Roxb.	Sarpankho	Fabaceae	Shrub
9	Melilotus indica (L.)All		Fabaceae	Herb

10	<i>Tephrosia purpuria</i> (L.)Pers		Fabaceae	shrub
11	<i>Sesbania cannabina</i> (Retz.)Pers.		Fabaceae	Herb
12	<i>Alysicarpus ovalifolius</i> (Schumach.)J.Leonard		Fabaceae	Herb
13	<i>Abrus precatorius</i> L.	Chanothi	Fabaceae	Climber
14	<i>Cassia auriculata</i>	Aaval	Fabaceae	Shrub
15	<i>Crotalaria hebecarpa</i> (DC.)Rudd		Fabaceae	Herb
16	<i>Crotalaria aegyptiaca</i> Benth		Fabaceae	Shrub
17	<i>Cyperus rotundus</i> L.	Moth	Cyperaceae	herb
18	<i>Bolboschoenus martimus</i> (L.) Palla		Cyperaceae	Herb
19	<i>Commelina benghalensis</i> L.	Motu shishmul	Commelinaceae	Herb
20	<i>Commelina diffusa</i> Burn.F.fl.Ind.	Nani shishmul	Commelinaceae	Herb
21	<i>Typha angustata</i> Bony. &Chaub		Thypaceae	Herb
22	<i>Acanthospermum hispidum</i> DC. Prodr.		Asteraceae	Herb
23	<i>Blumea eriantha</i> DC.		Asteraceae	Herb
24	<i>Parthenium hysterophorus</i> L.	Gajar gass	Asteraceae	-----
25	<i>Eclipta prostrate</i> (L.) L. Mant.		Asteraceae	Herb
26	<i>Launaea resedifolia</i> (L.) Druce		Asteraceae	Herb
27	<i>Achyranthus aspera</i> L.	Sonar	Amaranthaceae	Herb
28	<i>Achyranthus aspera</i> L. var <i>aspera</i>	Anghedi	Amaranthaceae	Herb
29	<i>Aerva javanica</i> (Burm. F.) Juss.	Gorakh Ganjo	Amaranthaceae	Shrub
30	<i>.Alternanthera sessilis</i> (L.) DC. Cat. Hort.	Pani ni Bhaj	Amaranthaceae	Herb
31	<i>Amaranthus lividis</i> L.	Tandaljo	Amaranthaceae	Herb
32	<i>Amaranthus spinosus</i> L.	Bhaji ni jat	Amaranthaceae	Herb
33	<i>Amaranthus viridis</i> L.	Dhhimdo	Amaranthaceae	Herb
34	<i>Pupalia lappacea</i> (L) Juss.	Bhurat	Amaranthaceae	Shurb
35	<i>Leucas aspera</i> (Wild) spr	Kumbo	lamiaceae	Herb
36	<i>Datura metel</i> L.	Dhtura	Solanaceae	Shrub
37	<i>Withania somnifera</i> L.		Solanaceae	Shrub
38	<i>Solanum surattense</i> Burm.f.	Bhoi ringni	Solanaceae	Shrub
39	<i>Physalis minima</i> L.	Popti	Solanaceae	Shrub
40	<i>Borreria articularis</i> (L.f.) F.N.Will		Rubiaceae	Herb
41	<i>Portulaca oleracea</i> L.		Portulacaceae	Herb
42	<i>Portulaca quadrifida</i> L.		Portulacaceae	Herb
43	<i>Merremia dissecta</i>		Convolvulaceae	vine
44	<i>Convolvulus pluricaulis</i> choisy.	Sankhpuspi	Convolvulaceae	Herb
45	<i>Ipomoea turbinata</i> Lag.		Convolvulaceae	Vine
46	<i>opomoea pestigridis</i> L.	Vagpadi	Convolvulaceae	vine
47	<i>Ipomoea triloba</i> L.		Convolvulaceae	Vine
48	<i>Ipomea coccinea</i> L.		Convolvulaceae	vine
49	<i>Azana lampas</i> (Cav.)Aleo	Jangli bhindi	Malvaceae	Shrub
50	<i>Sida rhombifolia</i> L.	Bala	Malvaceae	Shrub
51	<i>Habiscus ovalifolius</i> (Forssk.) Vahl		Malvaceae	Shrub
52	<i>Abutilon indicum</i> (L.) Sweet	Khapat	Malvaceae	Shrub
53	<i>Corchorus capsularis</i> L.		Tiliaceae	Shrub
54	<i>Triumfetta rhomboidea</i> Jacq.	Zipti	Tiliaceae	Shrub

55	Corchorus olitorius L.	Nani chhunchh	Tiliaceae	Shrub
56	Justicia procumbens L.	Pittpapdo	Acanthaceae	Herb
57	Peristrophe puniculata (Forssk.)		Acanthaceae	Herb
58	Hygrophilapolysperma (Roxb.) T. Anderson		Acanthaceae	Herb
59	Cassia occidentalis L.		Cesalpiniaceae	Shrub
60	Cassia tora L.		Cesalpiniaceae	Herb
61	. Cassia pumila Lam. Encyl.		Cesalpiniaceae	Herb
62	Euphorbia hirta L.	Dudheli	Euphorbiaceae	Herb
63	Euphorbia microphylla H. B. & K	Dudheli ni jat	Euphorbiaceae	Herb
64	Acalypha indica L.	Dadari	Euphorbiaceae	Herb
65	Phyllanthus fraternus Webster	Bhonya Amla	Euphorbiaceae	Herb
66	Mukia maderaspatana (L.) M. Roem. Syn.	Chanak-chibhdi	Cucurbitaceae	Herb
67	Argemon maxicana L.	Darudi	Papaveraceae	Herb
68	Cocculus hirsutus (L.) Diels in Pfreich	Vevdi	Menispermaceae	Herb
69	Tinospora cordifora (Thunb.)Miers	Galu	Menispermaceae	Herb

Present study show that 69 species ,20 families and 42 genera were accurately documented. fabaceae was dominant species followed by with 8 species. Herb was dominant species in 45, 18 herb, 5 vine, and 1 species are climber Abrus precatorius. Parthenium hysterophorus L. this species habitat is not identified.

Habit wise comparison among species.



REFERENCES

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