

Annexure 1

List of Flora & Fauna Observed Under the Study Area

Sr. No.	Scientific Name	Common Name	Family
Trees			
1	<i>Acacia auriculiformis</i>	Bangali Babool	Mimaceae
2	<i>A. Leucopholia</i>	Aniar	Mimaceae
3	<i>A. catachu</i>	Khair	Mimaceae
4	<i>A. ferrungula</i>	Pandhara Khair	Mimaceae
5	<i>A. nilotica</i>	Babul	Leguminosae
6	<i>A. lebeck</i>	Siris	Leguminosae
7	<i>A. procera</i>	Siris	Leguminosae
8	<i>A. polycantha</i>	Garad	Mimaceae
9	<i>Adina cardifolia</i>	Hed	Rubiaceae
10	<i>Agele marmelos</i>	Bela	Rutaceae
11	<i>Ailanthus excelsa</i>	Maharukh	Simaroubaceae
12	<i>Alangium salvifolium</i>	Ankol	Alangiaceae
13	<i>Albizia odoratissimus</i>	Siris	Leguminosae
14	<i>Annogeissus latifolia</i>	Dhavda	Combretaceae
15	<i>Annona squamosa</i>	Sitafal	Annonaceae
16	<i>Azadirachta indica</i>	Nim	Moraceae
17	<i>Bahuania pupurea</i>	Kachamar	Leguminosae
18	<i>Bombax ceiba</i>	Semal	Verbenaceae
19	<i>Bridelia retusa</i>	Asta (Kathmohli)	Leguminosae
20	<i>B. squamosa</i>	Asan	Leguminosae
21	<i>Buchanania lanzan</i>	Charoli	Anacardiaceae
22	<i>Butea monosperma</i>	Palas	Leguminosae
23	<i>Callistemon lanceolatus</i>	Bottlebrush	Myrtaceae
24	<i>Casuarina equisetifolia</i>	Sura	Casuarinaceae
25	<i>Careya arborea</i>	Kumbh	Myrtaceae
26	<i>Casearia elliptica</i>	Manjo	Symphyceae
27	<i>Caesaria graveolens</i>	Dedak manio	Samidaceae
28	<i>Cassia fistula</i>	Sunari	Leguminosae
29	<i>Cestrum nocturnum</i>	Ralkirani	Solanaceae
30	<i>Cochlospermum religiosum</i>	Ganeri	Cochlospermaceae
31	<i>Cocos nucifera</i>	Nariyal	Palmeae
32	<i>Cordia dicotoma</i>	Gundi	Boraginaceae
33	<i>Dalbergia paniculata</i>	Dhobin	Leguminosae
34	<i>D. latifolia</i>	Sisso	Leguminosae
35	<i>Murraya koenigii</i>	Karilimb	Rutaceae
36	<i>Ixora parviflora</i>	Kara	Rubiaceae
37	<i>I. nigricans</i>	Kukeri	Rubiaceae
38	<i>Delonix elata</i>	Gulmohar	Leguminosae
39	<i>Diosphyros melanoxylon</i>	Tendu	Ebenaceae
Sr. No.	Scientific Name	Common Name	Family
40	<i>Dolichandrone falcata</i>	Mallar sing	Bignoniaceae
41	<i>Elaeodendron roxburghii</i>	Alinar	Celastraceae

42	<i>Eucalyptus globulus</i>	Safeda	Eucalyptaceae
43	<i>Emblica officinalis</i>	Aonla	Euphobiaceae
44	<i>Erithina indica</i>	Pungara	Lagumino ceae
45	<i>Eramphis uliginosa</i>	Almi	Rubiaceae
46	<i>Ficus. Religiosa</i>	Pipal	Moraceae
47	<i>F. rumphii</i>	Pilari	Moraceae
48	<i>F. benghalensis</i>	Bara	Moraceae
49	<i>Flacourtia indica</i>	Rankdi	Bixaceae
50	<i>Garua pinnata</i>	Kakad	Burseraceae
51	<i>Grewia teliafolia</i>	Dhaman	Tiliaceae
52	<i>Hardwickia bipinnata</i>	Aniar	Caesalpiniaceae
53	<i>Holoptelia intigrifolia</i>	Valva	Uticaceae
54	<i>Kydia calycina</i>	Bhindi	Malvaceae
55	<i>Lagerstroemia lanceolata</i>	Nano	Leguminosaceae
56	<i>L. parviflora</i>	Sidha	Leguminosaceae
57	<i>Michellia champaca</i>	Champa	Bignoneaceae
58	<i>Lannea caromadalica</i>	Modad	Anacardiaceas
59	<i>Madhuca indica</i>	Mahua	Sapotaceae
60	<i>Mangifera indica</i>	Amm	Anacardiaceas
61	<i>Miliusa tomentosa</i>	Gulambh	Annonaceae
62	<i>Milligntonina hortensis</i>	Indian Coral tree	Bignoniaceae
63	<i>Mitragyna parvifolia</i>	Kalam	Rubiaceae
64	<i>Michellia champaca</i>	Champa	Mangoliaceae
65	<i>Moringa olifera</i>	Shevga	Moringaceae
66	<i>Musa paradisiacea</i>	Kela	Musaceae
67	<i>Oroxyium indicum</i>	Tetu	Bignoniaceae
68	<i>Phoenix sylvestris</i>	Shindi	Palminae
69	<i>Prosopis juliflora</i>	Babul	Mimaceae
70	<i>P. cinerarea</i>	Babul	Mimaceae
71	<i>Pithecelobium ducle</i>	Chisbalai	Leguminosaceae
72	<i>Pongamia pinnata</i>	Karanja	Leguminosaceae
73	<i>Pisidium guajava</i>	Guava	Mutraceae
74	<i>Pterocarpus marsupium</i>	Bija	Leguminosaceae
75	<i>Punica grantalum</i>	Anar	Pomegrannatae
76	<i>Sapindus emerginatus</i>	Aritha	Sapindaceae
77	<i>Soymida febrifuga</i>	Rohan	Meliaceae
78	<i>Poleathia langifolia</i>	Ashok	Apocnaceae
79	<i>Saraca indica</i>	Ashok	Apocnaceae
80	<i>Thevetia neirifolia</i>	Pilakanton	Apocnaceae
81	<i>Sterculia urens</i>	Kodaya	Sterculiaceae
82	<i>Syzygium cuminii</i>	Jamun	Myraceae
83	<i>Terminalia crenulata</i>	Sadad	Leguminosaceae
84	<i>T. bellirica</i>	Behada	Combritaceae
85	<i>T. arjuna</i>	Arjun	Combritaceae
Sr. No.	Scientific Name	Common Name	Family
86	<i>T. caltapa</i>	Jangli badam	Combritaceae
87	<i>Tamarindus indica</i>	Tentuli	Leguminosaceae
88	<i>Tecoma stans</i>	Nellow Bell	Bisgnoniaceae
89	<i>Tectona grandis</i>	Sag	Verbenanceae
90	<i>Trema orientalis</i>	Gol	Ulmaceae
91	<i>Wrightia tinctoria</i>	Kudo	Apocynacea

92	Zizyphus xylocarpus	Ghatbor	Rhamnaceae
93	Z. mauritiana	Bordi	Rhamnaceae
Shrubs			
1	Argemone mexicana	Darudi	Papaveraceae
2	Caranthus resus	Sudufuli	Apocyanaceae
3	C. calatropis	Mundar	Asclepiadaceae
4	Calatopsis gigantea	Rui	Asclepiadaceae
5	Carrissa carandas	Karvand	Apocyanaceae
6	Clerodendrum multyfolium	Multaiforum	Verbenaceae
7	Gymnosporia spinosa	Spinosa Rekii	Leguminosae
8	Lantana camera	Ghaneri	Verbenaceae
9	Oputia dillenii	Nivdang	Cactaceae
10	Euphorbia nerifolia	Wavding	Celastraceae
11	Ocium gratissium	Rantulro	Labiatae
12	Helicteres isora	Atai	Sterculiaceae
13	Ficus hispida	Tet Umara	Moraceae
14	Datura fastuosa	Dhotara	Solanaceae
15	Vitex negundo	Nirgudi	Verbenaceae
16	Cassia tora	Tarota	Leguminosae
17	Zizyphus nummularia	Beri	Rhamnaceae
18	Euphorbia tirucolli	Thor	Euphorbiaceae
Bamboos			
1	Dendrocalamus strictus	Manvel	Grammineae
Climbers			
1	Abrus precatorius	Gunj	Leguminosae
2	Capparis sepiraria	Lamtjar	Cappariaceae
3	Cocculus hirtutus	Asanwel	Menispermaceae
4	Combretum ovalifolium	Jal	Combratae
5	Cayratia carnosa	Khatumbo	Vitaceae
Grasses			
1	Andropogon pumilus	Kusal	Grammineae
2	Cenchrus setgerus	Dhramnu	Grammineae
3	Cynodon dactylon	Durva	Grammineae
4	Cymbopogon marinil	Rosha	Grammineae
5	Heteropogon contortus	Gawat	Grammineae
6	Sorghum halepense	Baru	Grammineae
7	Themeda triandra	Bhathdu	Grammineae
Crops			
1	Ricinus communis	Arand	Euphorbiaceae
2	Saccharum officient	Ganna	Grammineae
Sr. No.	Scientific Name	Common Name	Family
3	Sorghum vulgae	Jowar	Grammineae
4	Zea mays	Makea	Grammineae
5	Arachis hypogaea	Ground nut	Logumin
6	Oryza sativa	Chawar	Grammineae
Macrophytes			
1	Eichhornia crassipes	Jalkumbhi	Pontederiae
2	Ipomea aquatica	Kalmisay	Volvulaceae
3	Trapa latifolia	Water chestnual	Volvulaceae
4	Nelumbo nucifera	Lotus	Nymphaeaceae
5	Azolla pinnata	Water velvet	Characeae

6	Lemna minor	Common duckweed	Lemnaceae
Wildlife			
1	Muntiacus muntjak	Barking Deer	Bovidae
2	Felis chaus	Jungle cat	Felidae
3	Myaena hyaena	The striped Hyana	Canidae
4	Presbytis entellus	Hanuman Langur	Colobinae

(Source: State Forest Dept., Bharuch, Gujarat.)