

A CHECKLIST OF THE VASCULAR PLANTS OF SABARKANTHA DISTRICT, GUJARAT, INDIA

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ABSTRACT

In the present study 785 species of angiosperms, belonging to 447 genera under 115 families and one species of pteridophytes have been listed. A brief account of vegetation and phytodiversity of Sabarkantha district, Gujarat have been discussed.

Keywords: Sabarkantha, Vascular Plants, Checklist

INTRODUCTION

The Sabarkantha district derives its name from the Sabarmati river that separates Sabarkantha from the neighbouring districts. It is situated in the north eastern region of the Gujarat state, between 23° 03' and 24° 3' north latitudes and 72° 43' and 73° 39' east longitudes. It is bordered by Rajasthan state on the north-east, Banaskantha and Mehsana district of Gujarat state in the west, Gandhinagar and Kheda districts in the south and Panchmahal district in the east. The river Sabarmati which is one of the largest rivers in the State forms the western boundary of the district.

The district comprises thirteen talukas namely Khedbrahma, Vijainagar, Vadali, Idar, Bhiloda, Meghraj, Modasa, Talod, Prantij, Malpur, Bayad, Dhansura and Himmatnagar, the district headquarter, with over 1389 villages, having an area of over 7,390 sq.km. According to 2001 census, the district has a population of 20,82,531 people of which 18,57,402 are rural.

PAST AND PRESENT WORK

There is no published account on the plants of Sabarkantha district, although Cooke (1901-1908) explored Sabarkantha (North Gujarat) as part of the Bombay Presidency. Saxton & Sedgwick (1918) included a list of 614 species in their work on "Plants of Northern Gujarat", which was further supplemented by Saxton (1922) who added 77 species. The area explored by Saxton & Sedgwick includes present Ahmedabad, Sabarkantha and parts of Panchmahal districts. Shah (1963) enumerated sedges of Sabarmati river in north Gujarat and Shah & Yogi (1974) added 187 species from north Gujarat (Ahmedabad, Mehsana and Sabarkantha districts.). Bhatt & al. (1969) published a floristic account of Khedbrahma region of Sabarkantha district comprising 554 species, in which they included a number of cultivated species. Meena (2004, 2004a, 2004b) and Parmar (2006, 2008) further added new species from Banaskantha and Mehsana districts to north Gujarat. In the present work, an account of a total number of 785 species (including *ca* 60 species cultivated for various purposes), belonging to 447 genera under 115 families has been provided. In the enumeration families have been arranged alphabetically, so also genera within a family and the species within a genus. Local names are given in inverted commas after species name. Species marked with (***) are new records for Gujarat State. The specimens have been deposited in the herbarium of Arid Zone Regional Centre, Botanical Survey of India, Jodhpur (BSJO) and Central National Herbarium, Howrah (CAL). Further, collections deposited in the herbarium of Sardar Patel University, Vallabh Vidhyanagar (SPU), M.S. University, Vadodara (BARO), and Gujarat Collage herbarium, Ahmedabad (CGA) from Sabarkantha district were also including the present work. Species marked with asterisk (**) and (*) have no specimens available in the above mentioned herbaria and are included on the basis of Saxton & Sedgwick (1918); Saxton (1922) and Bhatt & al. (1969) respectively.

PHYSIOGRAPHY

The topography of the district varies from undulating low hills to steep hills, running all along the eastern boarder of the district touching Rajasthan. Aravalli hill range covers the northern and eastern parts of the district,

which takes a southern turn on the border of the district and forms a natural boundary. The hilly tract of Posina patti comprises the north and north-east parts, covering Khedbrahma, Vijainagar, Meghraj, Malpur and parts of Idar taluka. The highest elevation is about 244 m. The Aravalli outliers in the north are bare granite rocks. Vijainagar, Dholwani and parts of Bhiloda are more hilly. These hills are interlinked by either ravines or indentations or form a long chain. The topography of the rest of the tract is generally flat or undulating. Southern and western parts (viz. Prantij, Himmatnagar, Bayad and parts of Idar & Modasa) are usually sandy.

The Sabarkantha highlands are formed by the outliers of Aravalli hill and drained by the river Sabarmati and its tributaries. In addition to the several seasonal rivers, the district is traversed by seven perennial rivers. Sabarmati originates from the outliers of the Aravalli hill in Rajasthan. It flows through Khedbrahma, Idar, Himmatnagar and Prantij talukas from north to south. The river Hathmati which flows through the city of Himmatnagar, and other rivers viz., Khari, Mesvo, Harna, Vatrak and Majum flow practically from north-east to south-east.

CLIMATE

A hot summer and general dryness characterize the climate of the district through the major parts of the year. The hot season lasts from March to the middle of June. The mean daily maximum temperature in summer is about 38.5° C and mean minimum is about 27° C. June is the hottest month when the day temperature reaches up to 43.5° C. Summer is generally dry with the relative humidity less than 30 per cent. Nights during June are comparatively hotter than May. May and the early part of June before the onset of the south- west monsoon constitute the hottest part of the year. The district experiences dust storms during summer season occasionally.

South- west monsoon is comparatively heavy but brief, which starts from late June and continues up to end of September. On an average, there are 30 rainy days in a year. Average annual rainfall is about 500-1000 mm. October and November constitute the post monsoon or transition period. During monsoon, depression from the Arabian Sea affects the weather over the district, occasionally causing wide spread heavy rains and gusty winds. The maximum rainfall recorded was 1035 mm in 2005. Thunderstorms, occasionally accompanied with squalls, occur during the latter half of the summer and the early part of the monsoon season. During monsoon season, the relative humidity is highest being above 70 per cent.

The Cold season is from December to February. After February, there is a sudden increase in the temperature. January is the coldest month when minimum temperature goes down to 6.9° C during night. The mean daily maximum temperature is about 35° C and the mean daily minimum is about 15° C. During the cold season, in association with passing western disturbances, cold waves affect the district and the minimum temperature drops down to about freezing point.

VEGETATION

The forest cover of the district is 802 sq.km, which is 10.85 per cent of the total geographic area of the district (Anonymous, 2009). The forests of Sabarkantha represent mixed dry deciduous type, varying considerably in composition, condition and density with changing elevation. The interesting feature of the vegetation is that it marks the dividing line between the sand-loving xerophytes of Perso-Arabian flora and the Indo- Malayan elements.

The forests lying in the north-east region (Vijainagar, part of Dholwani, Part of Poshina, Dev ni Mori, Mudeti, Chaadarni, Pal, etc.) fall under the teak forests. These are mixed dry deciduous forests with teak usually dominating over other species. The common associates of teak are *Acacia chundra*, *A. leucophloea*, *A. nilotica* subsp. *indica*, *Aegle marmelos*, *Albizia lebbeck*, *A. procera*, *Anogeissus latifolia*, *Balanites roxburghii*, *Bauhinia racemosa*, *Boswellia serrata*, *Cassia fistula*, *Dalbergia latifolia*, *Dendrocalamus strictus*, *Diospyros melanoxylon*, *Embllica officinalis*, *Ficus racemosa*, *F. benghalensis*, *Gmelina arborea*, *Holarrhena pubescens*, *Holoptelea integrifolia*, *Lannea coromandelica*, *Madhuca longifolia* var. *latifolia*, *Manilkara hexandra*, *Gymnosporia emarginata*, *Miliusa tomentosa*, *Mitragyna parviflora*, *Pterocarpus marsupium*, *Salmaalina malabarica*, *Sapindus emarginatus*, *Soymida febrifuga*, *Sterculia urens*, *Terminalia cuneata*, *T. elliptica*,

Wrightia arborea, *W. tinctoria*, *Ziziphus xylopyrus*, etc. *Butea monosperma* is quite common along the slopes and nalas, particularly in the biotically disturbed parts, where moisture is retained for few months.

Dendrocalamus occurs mainly in Dholwani, Bhiloda and Vijainagar areas. It is said that in past bamboos were very common in Raigarh and Poshina areas also, but due to over exploitation bamboos now only occasionally seen.

In the west and south- west of the district (Khedbrahma, parts of Bhiloda, Meghraj, Modasa and Bayada) the forests are scattered and scrub type. The crown density is less. The forests of these areas are under high biotic pressure and degraded. The common tree species are *Diospyros melanoxylon*, *Holarrhena pubescens* and *Wrightia arborea* in association with *Acacia senegal*, *A. leucophloea*, *A. chundra*, *Anogeissus pendula*, *A. latifolia*, *Annona squamosa*, *Balanites roxburghii*, *Bauhinia racemosa*, *Boswellia serrata*, *Butea monosperma*, *Capparis sepiaria*, *Cassia fistula*, *Dichrostachys cinerea*, *Limonia acidissima*, *Gymnosporia emarginata*, *Nyctanthus arbor-tristis*, *Tamarindus indica* and *Ziziphus mauritiana*. The common shrubs on hills and foot hills are *Caesalpinia bonduc*, *Capparis sepiaria*, *C. grandis*, *Catunaregam spinosa*, *Clerodendrum phlomoides*, *Datura fastuosa*, *Dichrostachys cinerea*, *Ehretia laevis*, *Gardenia resinifera*, *Grewia tenax*, *Helicteres isora*, *Justicia adhatoda*, *Nyctanthus arbor-tristis*, *Prosopis cineraria*, *Senna auriculata*, *Vitex negundo*, *Ziziphus nummularia*, *Z. xylopyra*, etc. *Acacia pennata*, *Ampelocissus latifolia*, *Asparagus racemosus*, *Cardiospermum halicacabum*, *Cayratia trifolia*, *Celastrus paniculatus*, *Cissus repanda*, *Coccinia grandis*, *Cocculus hirsutus*, *Dioscorea bulbifera*, *Dregea volubilis*, *Merremia aegyptia*, *Momordica balsamina*, *Mucuna puriens*, *Mukia maderaspatana*, *Operculina turpethum*, *Tinospora cordifolia*, *Rivea hypocrateriformis* and *Telosma pallida* are the common twining or climbing herbs/shrubs in these forests. *Dendrophthoe falcata* is the only parasite and *Vanda tessellata* is the only epiphytic orchid noted in Polo and Vanaj forest blocks.

During monsoon, in addition to other ground flora, a number of ephemerals make their appearance and continue to exist till the post monsoon period. Some of these are: *Achyranthus aspera*, *Andrographis echinoides*, *Barleria prionitis*, *Biophytum sensitivum*, *Commelina benghalensis*, *C. forskalaei*, *C. hasskalarlii*, *Crotalaria hebecarpa*, *C. linifolia*, *C. medicaginea*, *Corchorus aestuans*, *C. olitorius*, *C. tridens*, *Desmodium procumbens*, *Dicliptera paniculata*, *Glossocardia boswellia*, *Hibiscus micranthus*, *Indigofera cordifolia*, *I. linifolia*, *I. Linnaei*, *Ipomoea indica*, *Launaea procumbens*, *Melhania hamiltoniana*, *Polygala arvensis*, *Rhynchosia minima*, *Sida cordata*, *S. cordifolia*, *S. rhombifolia*, *Sonchus aspera*, *Tephrosia purpurea*, *T. strigosa*, *Urena lobata* and *Zornia gibbosa*.

The ground flora is represented by *Acalypha ciliata*, *Anisochilus carnosus*, *Barleria prionitis*, *Bidens biternata*, *Boerhavia erecta*, *B. diffusa*, *Caesalpinia bonduc*, *Celosia argentea*, *Chamaecrista pumila*, *Commelina erecta*, *Crotalaria burhia*, *C. hebecarpa*, *C. linifolia*, *Chlorophytum tuberosum*, *Corchorus aestuans*, *C. olitorius*, *Desmodium procumbens*, *Glossocardia bosvallia*, *Grewia tilaefolia*, *Oldenlandia corymbosa*, *Indigofera cordifolia*, *I. linnaei*, *I. tinctoria*, *Phyllanthus reticulatus*, *Lepidagathis trinervis*, *Leucas cephalotes*, *Lindernia ciliata*, *L. crustacea*, *Ocimum americanum*, *Oxalis corniculata*, *Peplidium maritimum*, *Pavonia zeylanica*, *Pedaliium murex*, *Physalis micrantha*, *Pogostemon benghalensis*, *Sclerocarpus africanus*, *Senna tora*, *Spermacoce articularis*, *S. pusilla*, *Striga angustifolia*, *Tephrosia purpurea*, *T. senticosa*, *T. villosa*, *Trichosanthes cucumerina*, *Tridax procumbens*, *Vernonia cinerascens*, *Vigna radiata*, *Zornia gibbosa*, etc. The common sedges and grasses are *Cyperus alulatus*, *Cyperus compressus*, *C. rotundus*, *Apluda mutica*, *Aristida adscensionis*, *A. funiculata*, *Arthraxon lancifolius*, *Cenchrus setigerus*, *C. pennisetiformis*, *Chrysopogon zizanioides*, *Cymbopogon martinii*, *Dichanthium foveolatum*, *Dinebra retroflexa*, *Eragrostis japonica*, *E. tremula*, *Heteropogon contortus*, *Setaria intermedia*, *Sorghum halepense*, *Themeda quadrivalvis* and *Tragus roxburghii*.

River beds support very poor vegetation and represent plants like *Catharanthus pusillus*, *Perotis indica*, *Saccharum spontaneum* and *Tamarix ericoides*. On the sandy riverbeds, plants like: *Ammannia auriculata*, *A. baccifera*, *A. desetorum*, *Cyperus compressus*, *C. difformis*, *C. iria*, *Fimbristylis dicotoma*, *Eclipta prostrata*, *Eragrostis ciliaris*, *Heliotropium ovalifolium*, *Mollugo nudicaulis*, *Indigofera cordifolia* and *Lindenbergia indica* were noted.

AQUATIC AND MARSHY VEGETATION

There are a number of ponds and puddles, which are filled with rain water consisting of submerged hydrophytes like *Hydrilla verticillata*, *Ottelia alismoides*, *Potamogeton crispus*, *P. nodosus*, *Utricularia inflexa*, and *Vallisneria natans*. The floating hydrophytes include *Ipomoea aquatica*, *Nelumbo nucifera*, *Nymphaea pubescens*, *N. nouchali*, etc. Emerged or amphibious species are represented by *Ammannia baccifera*, *Bacopa monnieri*, *Bergia ammannioides*, *Ammannia desertorum* and *Caesulia axillaris*. Plants such as *Cyperus* spp., *Fimbristylis* spp., *Hygrophila schullii*, *Limnophila indica*, *Limnophyton obtusifolia*, *Monochoria vaginalis*, *Oxalis corniculata*, *Persicaria barbatum*, *Polygonum plebejum*, *Sagittaria trifolia*, *Sphaeranthus indicus*, and *Typha domingensis* are some common species found in marshy habitats. The fern species *Azolla pennata* is quite common in ponds.

Table 1. Statistical synopsis of Sabarkantha District

Taxonomic group	Families		Genera		Species	
	No.	%	No.	%	No.	%
Dicotyledons	90	78.26	358	80.08	637	81.15
Monocotyledons	25	21.74	89	19.92	148	18.15
Total	115	100	447	100	785	100

Table 2. Family with more than 10 species in the Sabarkantha District

Name of the Family	No. of Species	No. of Genera
Leguminosae- Papilionoideae	83	35
Leguminosae -Mimosoideae	19	7
Leguminosae Caesalpinioideae	16	8
Poaceae	70	44
Asteraceae	51	37
Acanthaceae	38	18
Cyperaceae	35	10
Euphorbiaceae	34	12
Convolvulaceae	34	9
Malvaceae	23	8
Cucurbitaceae	21	10
Amaranthaceae	16	9
Lamiaceae	17	8
Scrophulariaceae	16	13
Rubiaceae	15	11
Boraginaceae	15	05
Tiliaceae	15	3
Moraceae	13	4
Asclepiadaceae	14	10
Solanaceae	12	4
Apocynaceae	11	8

FLORISTIC ANALYSIS

The present work enumerates 785 plant species, belonging to 447 genera under 115 families including 62 species that are planted or cultivated. Leguminosae with 50 genera and 118 species is the largest family followed by Poaceae (44 genera and 70 species) and Asteraceae (35 genera and 51 species).

Families represented by a single genus and species are *Alangiaceae*, *Balanitaceae*, *Balsaminaceae*, *Basellaceae*, *Bombacaceae*, *Cactaceae*, *Campanulaceae*, *Ebenaceae*, *Fumariaceae*, *Gesneriaceae*, *Hydrophyllaceae*, *Lentibulariaceae*, *Loganiaceae*, *Loranthaceae*, *Magnoliaceae*, *Moringaceae*, *Nelumbonaceae*, *Oleaceae*, *Passifloraceae*, *Punicaceae*, *Ranunculaceae*, *Salicaceae*, *Santalaceae*, *Simaroubaceae*, *Trapaceae*, *Ulmaceae*, *Urticaceae*, *Vahliaceae* and *Zygophyllaceae*.

Except Poaceae (70 species) and Cyperaceae (35 species), the monocots are very poorly represented. The remaining 43 species of monocotyledons belong to 23 different families, of which represented by single genus and species, are *Aloaceae*, *Agavaceae*, *Aponogetonaceae*, *Asparagaceae*, *Asphodelaceae*, *Anthericaceae*, *Hyaunthaceae*, *Orchidaceae*, *Pandanaceae*, *Pontederiaceae*, *Typhaceae*, and *Zannichelliaceae*.

ENUMERATION

PTERIDOPHYTES

SALVINIACEAE

Azolla africana Desv. (= *Azolla pinnata* R. Br.)

Sabarkantha: Vijainagar F.B., Parmar 22953 (BSJO).

ANGIOSPERMS

ACANTHACEAE

Andrographis echioides (L.) Nees [= *Indoneesiella echioides* (L.) Sreemadh.]

Sabarkantha : Khedbrahma, Idar, D. V. Yogi 1494, 2333 (SPU).

Andrographis paniculata (Burm.f.) Wall. ex Nees “*Karyatu*”

Sabarkantha: Antersuba medicinal garden, Dholwani, Parmar 23506, 23655 (BSJO).

****Barleria cristata*** L.

****Barleria prattensis*** Santapau

Barleria prionitis L. “*Pilokantasholiyo*”

Sabarkantha: Raigarh F.B., Parmar 19376, Khedbrahma, Parmar 23689 (BSJO).

****Blepharis maderaspatensis*** (L.) B. Heyne ex Roth

Blepharis integrifolia (L.f.) E. Mey ex Schinz [= *B. repens* (Vahl) Roth]

Sabarkantha: Raigarh F.B., Parmar 19367 (BSJO).

****Cynarospermum asperum*** (Nees) Vollesen (= *Blepharis asperima* Nees)

Dicliptera paniculata (Forssk. I. Darbysch [= *Peristrophe paniculata* (Forssk.) Brummitt; *P. bicalyculata* (Retz.) Nees]

Sabarkantha: Near Modasa, Parmar 22843 (BSJO).

Dicliptera verticillata (Forssk.) C. Chr. [*Dicliptera micranthes* Nees]

Sabarkantha : Vijaynagar, S.S. Yadav 153 (SPU).

Elytraria acaulis (L.f.) Lindau

Sabarkantha: Dharod, near Vadali, Parmar 19325 (BSJO).

Eranthemum purpurascens Nees

Sabarkantha: Vanaj F.B., Parmar 23052 (BSJO).

Haplanthodes verticillatus (Roxb.) R.B. Majumdar

Sabarkantha: Vanaj F.B., Parmar 23504, Dholwani F.B., Parmar 23636 (BSJO).

Hemigraphis urens** (Roth) J.R.I. Wood [= *Gantelbua urens* (Roth) Bremek.]* Hamigraphis crenata** (Benth. ex Hohen.) Bremek.**Hemigraphis latebrosa** (B. Heyne ex Roth) Nees

Sabarkantha: Near Khedbrahma, Parmar 23544 (BSJO).

Hygrophila polysperma (Roxb.) T. Anderson [= *Hemiadelphis polyspermus* (Roxb.) Nees]

Sabarkantha: Vijainagar F.B., Parmar 22952, Near Vanaj, Parmar 23000 (BSJO); Khedbrahma, D.V. Yogi 2431 (SPU).

Hygrophila schulli (Buch.-Ham.) M.R. Almeida & S.M. Almeida (= *H. auriculata* Schumach.) Heine

Sabarkantha: Near Modasa, Parmar 22839 (BSJO).

Hygrophila serpyllum (Nees) T. Anderson

Sabarkantha: Khedbrahma, D.V. Yogi 1894, 2513 (SPU).

***Justicia adhatoda** L. (= *Adhatoda vasica* Nees) “*Adusi, Ardusi*”**Justicia diffusa** Willd. [= *Rostellularia diffusa* (Willd.) Nees]

Sabarkantha: Prantij, W. T. Saxton 320 (BLAT).

***Justicia heterocarpa** T. Anderson**Justicia orbiculata** Wall. ex T. Anderson

Sabarkantha, Prantij, W. T. Saxton 32 Acc. No. 9224 (BLAT).

Justicia peploides (Nees) T. Anderson [= *Rostellularia quinqueangularis* (J. König ex Roxb.) Nees var. *peploides* (Nees) Raizada; *Justicia quinqueangularis* J. König ex Roxb. var. *peploides* (Nees) C.B. Clarke]

Sabarkantha: Near Meghraj, Parmar 22855 (BSJO).

Justicia procumbens L. [= *Rostellularia procumbens* (L.) Nees]

Sabarkantha: Raigarh F.B., Parmar 19386 (BSJO); Mosda, R.D. Patoskar 112225 (BSI).

Justicia prostrata (Roxb. ex C.B. Clarke) Gamble

Sabarkantha: Near Khedbrahma Parmar 22811 (BSJO).

***Justicia quinqueangularis** J. König. ex Roxb. [= *Rostellularia quinqueangularis* (J. König ex Roxb.) Nees]**Lepidagathis cristata** Willd.

Sabarkantha: Idar, D. V. Yogi 2332 (SPU).

***Lepidagathis cuspidata** Nees**Lepidagathis trinervis** Nees “*Harancharo*”

Sabarkantha: Meghraj, Parmar 24027 (BSJO); Talod, W.T. Saxton 540 (BLAT).

Neuracanthus sphaerostachyus (Nees) Dalzell

Sabarkantha: Dharod F.B., Vadali, Parmar 19313 (BSJO).

Petalidium barlerioides (Roth) Nees

Sabarkantha: Vanaj F.B., Vijainagar, Parmar 23536, 23633 (BSJO).

Ruellia tuberosa L.

Sabarkantha: Dholwani F.B., Parmar 22732 (BSJO).

***Ruellia patula** Jacq. [= *Dipteracanthus patulus* (Jacq.) Nees]

Ruellia prostrata Poir [= *Dipteracanthus prostratus* (Poir.) Nees]

Sabarkantha: Khedbrahma, Parmar 22791, Fatehpur, Parmar 24047 (BSJO).

***Rungia elegans** Dalzell & A. Gibson

***Rungia pectinata** (L.) Nees

***Rungia repens** (L.) Nees

AGAVACEAE

***Agave americana** L. (= *Agave ingens* A. Berger).

AIZOACEAE

Trianthema portulacastrum L.

Sabarkantha : Radhipara, near Khedbrahma, Parmar 22827 (BSJO).

***Trianthema triquetra** Rottler & Willd.

***Zaleya govindia** (Buch.- Ham. ex G. Don) N.C. Nair (= *Trianthema govindia* Buch.- Ham. ex G. Don)

ALANGIACEAE

Alangium salviifolium (L.f.) Wangerin “*Aankhlo, Aankalo*”

Sabarkantha : Dholwani F.B., Parmar 22934, Pal village, Parmar 22981, Vanaj F.B., Parmar 22969, 23634 (BSJO); Khedbrahma, D. V. Yogi 2429 (SPU).

ALISMACEAE

Limnophyton obtusifolium (L.) Miq.

Sabarkantha: Fatehpur Parmar 24045 (BSJO).

***Sagittaria trifolia** L.

ALOACEAE

***Aloe vera** (L.) Burm. f. (= *Aloe barbadensis* Mill.)

ANTHERICACEAE

***Chlorophytum tuberosum** (Roxb.) Baker

AMARANTHACEAE

Achyranthes aspera L. “*Aghedo*”

Sabarkantha: Dharod F.B., Vadali, Parmar 19324, Near Khedbrahma, Parmar 23545 (BSJO).

Achyranthes porphyristachya (Wall. ex Moq.) Hook. f. [= *A. aspera* L. var. *porphyristachya* (Wall. ex Moq.) Hook. f.

Sabarkantha: Dharod F.B., Parmar 19324 (BSJO).

***Aerva javanica** (Burm.f.) Juss. ex Schult. (= *A. tomentosa* Forssk.)

Aerva javanica (Burm.f.) Juss. ex Schult. var. **bovei** Webb.

Sabarkantha: Near Shamlaji, Parmar 22780 (BSJO).

Aerva sanguinolenta (L.) Blume

Sabarkantha: Vanaj, Vijainagar, Parmar 23503, 23628 (BSJO).

Alternanthera polygonoides R. Br. ex Sweet (= *Alternanthera paronychioides* A. St. Hil.)

Sabarkantha: Near Khedbrahma, Parmar 22800, Dholwani F.B., Parmar 22913 Gadrashamlaji, Parmar 23525 (BSJO).

Alternanthera sessilis (L.) R. Br. ex DC.

Sabarkantha: Raigarh F.B., Parmar 19366, Vijainagar, Parmar 22954 (BSJO).

***Amaranthus lividus** L.**Amaranthus spinosus** L. "*Kantalo-dambo*"

Sabarkantha: Near Khedbrahma, Parmar 22808 (BSJO).

***Amaranthus tricolor** L. (= *A. gangeticus* var. *tristis* Prain)**Amaranthus viridis** L.

Sabarkantha: Radhipara, near Khedbrahma, Parmar 22828 (BSJO); Khedbrahma, D.V. Yogi 2498 (SPU).

Celosia argentea L.

Sabarkantha: Near Khedbrahma, Parmar 22809 (BSJO).

Digera muricata (L.) Mart. "*Kanjaro*"

Sabarkantha: Dharod F.B., Vadali, Parmar 19329, Prantij, Parmar 23607 (BSJO).

Gomphrena celosioides Mart. "*Batan*"

Sabarkantha: Dharod F.B., Vadali, Parmar 19340, Majumdam, near Modasa, Parmar 23596 (BSJO).

Nothosaerva brachiata (L.) Wight

Sabarkantha: Modasa, Parmar 22853, Khedbrahma, Parmar 23686 (BSJO).

Pupalia lappacea (L.) Juss. "*Dhologipto*"

Sabarkantha: Near Vakatapur, Parmar 22704 (BSJO).

AMARYLLIDACEAE

Curculigo orchioidea** Gaertn.Crinum lorifolium** Roxb. ex Ker Gawl. (= *Crinum pretense* Herb.)

ANACARDIACEAE

Lannea coromandelica (Houtt.) Merr. "*Moyno, Modad*"

Sabarkantha : Shamalaji F.B., Parmar 22991 (BSJO); Khedbrahma road, R. S. Patel 2489 (SPU).

Mangifera indica L. "*Ambo*"

Sabarkantha: Near Modasa, Parmar 23578 (BSJO).

Semecarpus anacardium L.f.

Sabarkantha: Dholwani F.B., Parmar 22912 (BSJO).

ANNONACEAE

Annona reticulata L. "*Ramphal*"

Sabarkantha: Dholwani R.F., Parmar 23508 (BSJO).

Annona squamosa L. "*Sitaphal*"

Sabarkantha: Shareneshwar R.F., Parmar 22922 (BSJO).

Artabotrys hexapetalus (L.f.) Bhandari "*Nag champo*"

Sabarkantha: Idar, D.V. Yogi 2618 (SPU).

Miliusa tomentosa (Roxb.) Finet & Gagnep. “*Umbhio, Umbhi*”

Sabarkantha: Dharod F.B., Parmar 23508; Dholwani R.F., Parmar 22938 (BSJO).

Polyalthia longifolia (Sonner.) Thwaites “*Ashok, Asopalav*”

Sabarkantha: Idar, D.V. Yogi 2622 (SPU).

APIACEAE

Centella asiatica (L.) Urban

Sabarkantha : Khedabrahma, R. B. Bhatt 1682 (BARO)

***Foeniculum vulgare** Mill..

***Pimpinella heyneana** (DC.) Kurz

***Trachyspermum roxburghianum** (DC.) H. Wolff (= *T. stictocarpum* (C.B. Clarke) H. Wolff)

APOCYNACEAE

Carissa spinarum L. (= *C. congesta* Wight) “Karamadi, Karamda”

Sabarkantha: Vanaj, Vijainagar, Parmar 22943, 23630 (BSJO).

***Cascabela thevetia** (L.) Lippold (= *Thevetia peruviana* (Pers.) Merr.) “*Pilikaner*”

Catharanthus pusillus (Murray) G. Don

Sabarkantha: On the way to Talod, Parmar 22872 (BSJO).

Catharanthus roseus (L.) G. Don “*Baramasi*”

Sabarkantha: Near Talod, Parmar 22889 (BSJO).

Holarrhena pubescens (Buch.-Ham.) Wall. ex G. Don “*Indrajav*”

Sabarkantha: Dharod F.B., Vadali, Parmar 19314, Vijainagar, Parmar 22962 (BSJO).

***Nerium oleander** L. (= *N. indicum* Mill.)

Rauvolfia tetraphylla L. (= *R. canescens* L.)

Sabarkantha: Antarsuba medicinal garden, Parmar 22746 (BSJO).

Rauvolfia serpentina (L.) Benth ex Kurz

Sabarkantha: Antarsuba medicinal garden, Parmar 22749 (BSJO).

***Tabernaemontana divaricata** (L.) R. Br. ex Roem & Schult. [= *Ervatamia divaricata* (L.) Burkill]

Wrightia arborea (Dennst.) Mabb. (= *W. tomentosa* Roem. & Schult.) “*Kalo-kudo*”

Sabarkantha: Vanaj F.B., Vijainagar, Parmar 23629 (BSJO); Khedbrahma, D.V. Yogi 2533 (SPU).

Wrightia tinctoria (Roxb.) R. Br “*Dudhi*”

Sabarkantha: Dharod F.B., Vadali, Parmar 19306, Vanaj, Vijainagar, Parmar 22966, 23532 (BSJO); Himmatnagar, R.P. Bhatt 48 (BARO).

APONOGETONACEAE

****Aponogeton natans** (L.) Engl. & K. Krause (= *A. monostachyon* L.f.)

ARECACEAE

***Borassus flabellifer** L. “*Tad*”

Phoenix sylvestris (L.) Roxb. “*Khajuri*”

Sabarkantha: Vijainagar F.B., Parmar 22958, Dholwani F.B., Parmar 23635 (BSJO).

ARISTOLOCHIACEAE

***Aristolochia bracteolata** Lam.

Aristolochia indica L.

Sabarkantha: In dry condition, near Khedbrahma.

ASCLEPIADACEAE

Calotropis gigantea (L.) R.Br. "*Shiv-aak*"

Sabarkantha: Sapteshwar F.B., Parmar 22942 (BSJO).

Calotropis procera (Aiton) R. Br. "*Aakdo*"

Sabarkantha: Near Prantij, Parmar 22881, Majudam, near Modasa, Parmar 23592 (BSJO).

Cryptolepis buchananii Roem. & Schult.

Sabarkantha: Pal village, near Vijainagar, Parmar 22980 (BSJO).

Dregea volubilis (L.f.) Benth ex Hook.f. (= *Wattakaka volubilis* (L.f.) Stapf)

Sabarkantha: Near Khedbrahma, Parmar 22819, Kundol, Parmar 23614 (BSJO).

***Hemidesmus indicus** (L.) W.T. Aiton

Holostemma ada-kodien Schult. [= *H. annulare* (Roth.) K. Schum.]

Sabarkantha: Near Netrawali, Parmar 22731 (BSJO).

Leptadenia pyrotechnica (Forssk.) Decne. "*Dodi*"

Sabarkantha: Gadhrashamlaji, Parmar 23517 (BSJO).

Leptadenia reticulata (Retz.) Wight & Arn. "*Nani-dodi*"

Sabarkantha: Himmatnagar, D.V. Yogi 1351 (SPU).

***Marsdenia tenacissima** (Roxb.) Moon

Oxystelma esculentum (L.f.) Sm. [= *O. secamone* (L.) H. Karst.]

Sabarkantha: Himmatnagar, D.V. Yogi 1813 (SPU).

Pergularia daemia (Forssk.) Chiov.

Sabarkantha: Dharod F.B., Vadali, Parmar 19339, Near Shamlaji, Parmar 24012 (BSJO).

Sarcostemma viminale (L.) R. Br.

Sabarkantha: Vijainagar forest, G.V. Gopal 877 (SPU).

Telosma pallida (Roxb.) Craib.

Sabarkantha: Dev ni Mori, near Shamlaji, Parmar 24018 (BSJO).

***Tylophora fasciculata** Buch.- Ham. ex Wight

ASPERAGACEAE

***Asparagus racemosus** Willd. "*Satavari*"

ASPHODELACEAE

***Asphodelus fistulosus** L. "*Dungro*"

ASTERACEAE

Acanthospermum hispidum DC.

Sabarkantha: Dharod F.B., Vadali, Parmar 19338 (BSJO); Khedbrahma, S.S. Yadav 6 (SPU).

Acmella calva (DC.) R. K. Jansen (= *Spilanthes calva* DC.)

Sabarkantha: Vijainagar, Parmar 22946 (BSJO).

Acmella paniculata Wall. ex DC. R. K. Jansen (= *Spilanthes paniculatus* Wall. ex DC.)

Sabarkantha: Dholwani F.B., Parmar 23652 (BSJO).

Adenostemma lavenia (L.) Kuntze

Sabarkantha: Posina, S.S. Yadav 12 (SPU).

Ageratum conyzoides (L.) L. “*Makadmari*”

Sabarkantha: Dharod F.B., Vadali, Parmar 19321, Near Vanaj, Parmar 22994 (BSJO); Vijainagar, G.L. Shah 14744 (SPU); Khedbrahma, D.V. Yogi 1880 (SPU).

Artemisia capillaris Thunb.

Sabarkantha: Himmatnagar, G.L. Shah 34737 (BLAT).

Bidens biternata (Lour.) Merr. & Sherff

Sabarkantha : Dharod F.B., Vadali, Parmar 19322 (BSJO).

***Blainvillea acmella** (L.) Philipson

Blumea axillaris (D. Don) Merr. [= *Blumea mollis* (D. Don) Merr.]

Sabarkantha: Khedbrahma, D.V. Yogi 1884 (SPU).

Blumea eriantha DC.

Sabarkantha: Near Kotda, Parmar 23548, Khedbrahma, Parmar 23679, Isari, near Modasa, Parmar 24021, Fatehpur, Parmar 24043 (BSJO); Idar, D.V. Yogi 2616 (SPU).

***Blumea fistulosa** (Roxb.) Kurz

Sabarkantha: Khedbrahma, G.V. Gopal 2049 (SPU).

Blumea lacera (Burm. f.) DC.

Sabarkantha: Vanaj, Vijainagar, Parmar 23622 (BSJO); Khedbrahma, G.V. Gopal 1022 (SPU); Posina, S.S. Yadav 40 (SPU).

Blumea laciniata (Wall. ex Roxb.) DC.

Sabarkantha: Sabarkantha: Near Kotda, Parmar 23548A (BSJO).

***Blumea membranacea** DC.

Blumea obliqua (L.) Druce

Sabarkantha: Near Kotda, Sabarmati river bed, Parmar 23559, Fatehpur, Parmar 24044 (BSJO); Khedbrahma, D.V. Yogi 1847 (SPU).

Blumea oxyodonta DC.

Sabarkantha : Vanaj, Vijainagar, Parmar 23626, Shareneswar F.B., Parmar 23673 (BSJO).

Caesulia axillaris Roxb. “*Maka*”

Sabarkantha : Near Khedbrahma, Parmar 22798, Gadrashamlaji, Parmar 23512 (BSJO).

Cichorium intybus L.

Sabarkantha : Near Raigarh, Parmar 23593 (BSJO).

Conyza bonariensis (L.) Cronquist (= *Erigeron bonariensis* L.)

Sabarkantha: Vanaj, Vijainagar, Parmar 23621 (BSJO).

Cyanthillium cinerarium (L.) H. Rob. [= *Vernonia cinerea* (L.) Less.] “*Sahavedi*”

Sabarkantha: Near Shareneswar temple, Parmar 23672 (BSJO).

Cyathocline purpurea (Buch.-Ham. ex D. Don) Kuntze

Sabarkantha: Dholwani F.B., Parmar 23664 (BSJO); Khedbrahma, D.V. Yogi 534 (SPU); Vijainagar, G.V. Gopal 20451 (SPU).

Dicoma tomentosa Cass.

Sabarkantha: Shamlaji, S.S. Yadav s.n./26th Dec. 1976 (SPU).

Echinops echinatus Roxb. "*Shuniyo*"

Sabarkantha: Vijainagar, Parmar 22968 (BSJO); G.V. Gopal 1078 (SPU).

Eclipta prostrata (L.) L. "*Bhangro*"

Sabarkantha: Raigarh, Parmar 19374, Near Vijainagar, Parmar 22979 (BSJO).

Emilia sonchifolia (L.) DC. ex DC.

Sabarkantha: Raigarh, Parmar 19378 (BSJO); Damuwas, Khedbrahma, S.S. Yadav 94 (SPU); Vijainagar, S.S. Yadav 95 (SPU).

Glossocardia bosvallia (L.f.) DC.

Sabarkantha: Raigarh F.B., Parmar 19360 (BSJO).

Helichrysum lauteoalbum Rchb. (= *Gnaphalium lauteoalbum* L.)

Sabarkantha: Vamanvad, near Dholwani, Parmar 23653, Fatehpur, Parmar 24039 (BSJO); Khedbrahma, G.V. Gopal 1049 (SPU).

Gnaphalium polycaulon Pers. (= *G. indicum* auct non L.)

Sabarkantha: Idar, D.V. Yogi 2577 (SPU).

Gnomophalium pulvinatum (Delile) Greuter (= *Gnaphalium pulvinatum* Delile)

Sabarkantha: Idar, D.V. Yogi 2601 (SPU).

***Goniocaulon indicum** (Klein ex Willd.) C.B. Clarke (= *Goniocaulon glabrum* Cass.)**Grangea maderaspatana** (L.) Desf.

Sabarkantha: Near Vijainagar, Parmar 22978 (BSJO).

Laggera aurita (L.f.) Benth. ex C.B. Clarke

Sabarkantha: Vanaj F.B., Parmar 23624 (BSJO); Khedbrahma, D. V. Yogi 1850 (SPU).

Launaea procumbens (Roxb.) Ramayya & Rajgopal (= *Launaea nudicaulis* auct. non L.)

Sabarkantha: Gadhrashamlaji, Parmar 23522, Vanaj, Vijainagar, Parmar 23530, 23627 (BSJO); Shamlaji, G.V. Gopal 893 (SPU).

Launaea resedifolia (L.) Druce

Sabarkantha: Raigarh, Parmar 22759 (BSJO).

***Oligochaeta ramosa** Wagenitz. [= *Amberboa ramosa* (Roxb.) Jafri]**Parthenium hysterophorus** L.

Sabarkantha: Raigarh, Parmar 22757 (BSJO).

Pentanema indicum (L.) Ling (= *Vicoa indica* (L.) DC.)

Sabarkantha: Dharod F.B., Vadali, Parmar 19335, Shamlaji, Parmar 22986 (BSJO); Khedbrahma, S.S. Yadav 125 (SPU); Shamlaji, G.V. Gopal 981 (SPU).

***Phyllocephalum anthelminticum** (L.) S.R. Paul & S.L. Kapoor [= *Vernonia anthelmintica* (L.) Willd.; *Centratherum anthelminticum* (L.) Kuntze]

***Pulicaria angustifolia** DC.

Pulicaria undulata (L.) C.A. Mey [= *P. crispa* (Forssk.) Sch.Bip.]

Sabarkantha: Talod, Parmar 22890 (BSJO).

*** **Pulicaria rajputanae** Blatt. & Hallb.

Sabarkantha: Near Raigarh, Parmar 23566, Khedbrahma, Parmar 23678 (BSJO).

Pulicaria wightiana (DC.) C.B. Clarke

Sabarkantha: Raigarh, Parmar 22752 (BSJO); Idar, D.V. Yogi 2463 (SPU)

Sclerocarpus africanus Jacq. ex Murray

Sabarkantha: Khedbrahma, D.V. Yogi 1486 (SPU).

Sonchus asper (L.) Garsault

Sabarkantha: Vanaj, Vijainagar, Parmar 23529, 23623 (BSJO).

Sonchus oleraceus L.,

Sabarkantha: Khedbrahma, G.V. Gopal 1524 (SPU).

Sonchus wightianus DC. (= *S. brachyotus* non L.)

Sabarkantha: Khedbrahma, D.V. Yogi 2541 (SPU); Khedbrahma, G.V. Gopal 1043 (SPU).

Sphaeranthus indicus L. "*Gorakh mundi*"

Sabarkantha: Vijainagar, Parmar 22947, Khedbrahma, Parmar 23687 (BSJO); Damawas- Khedbrahma, S.S. Yadav 104 (SPU).

Tridax procumbens L. "*Pardesi bhangro*"

Sabarkantha: Meghraj, Parmar 22856 (BSJO).

Vernonia cinerascens Sch. Bip.

Sabarkantha: Idar, G.V. Gopal 854 (SPU).

*** **Wedelia trilobata** (L.) Hitchc.

Sabarkantha: Raigarh, Parmar 24007 (BSJO).

Xanthium strumarium L. (= *X. indicum* J. Konig ex Roxb.) "*Gadar, Gadariyu*"

Sabarkantha: Talod, Parmar 22883 (BSJO).

ARACEAE

* **Colocasia esculenta** (L.) Schott

* **Pistia stratiotes** L.

Plesmonium margaritiferum Schoott.

Sabarkantha: Dharod F.B., Vadali, Parmar 19319 (BSJO).

BALANITACEAE

Balanites roxburghii Planch. "*Engoria, Hingorio*"

Sabarkantha: Meghraj, Parmar 24031, Near Vireshwar, Parmar 23558, Dhandha F.B., near Himmatnagar, Parmar 22932 (BSJO).

BALSAMINACEAE

Impatiens balsamina L.

Sabarkantha: Vijainagar F.B., Parmar 22923 (BSJO).

BASELLACEAE

***Basella alba** L.

BIGNONIACEAE

Dolichandrone falcata (Wall. ex DC.) Seem "*Medhsingi*"

Sabarkantha: Near Meghraj, Parmar 24029 (BSJO).

Oroxylum indicum (L.) Kurz

Sabarkantha: Occasional found in the forests.

BOMBACACEAE

Bombax ceiba L. "*Semdo*"

Sabarkantha: Dholwani F.B., Parmar 23637 (BSJO).

BORAGINACEAE

Coldenia procumbens L.

Sabarkantha: Near Vijainagar, Parmar 22973 (BSJO).

Cordia crenata Delile "*Nano- gundo*"

Sabarkantha: Gadhrasamlaji, Parmar 23511 (BSJO).

Cordia dichotoma G. Forst. "*Gundo*"

Sabarkantha: Mau village, Parmar 24050 (BSJO).

Cordia domestica Roth

Sabarkantha: Bayad F.B., Parmar 23574 (BSJO).

Cordia sinensis Lam. [= *C. gharaf* (Forssk.) Ehrenb. ex Asch.]

Sabarkantha: Idar, D.V. Yogi 2583 (SPU).

Ehretia laevis Roxb. (= *Ehretia aspera* Willd.)

Sabarkantha: Vanaj F.B., Parmar 23533, Dholwani F.B., Parmar 23668 (BSJO); Vadali F.B., Parmar 23660 (BSJO).

***Heliotropium marifolium** J. König ex Retz.

Heliotropium ovalifolium Forssk.

Sabarkantha: Near Vijainagar, Parmar 22976 (BSJO).

Heliotropium supinum L. "*Ghedeo okhrad*"

Sabarkantha: Isari, newar Modasa, Parmar 24020 (BSJO); Khedbrahma, D.V. Yogi 1828 (SPU).

***Heliotropium zeylanicum** (Burm. f.) Lam. [= *H. subulatum* (Hochst. ex DC.) Vatke]

Trichodesma indicum (L.) Lehm. var. **indicum**

Sabarkantha: Dhandha, near Himmatnagar, Parmar 22768 (BSJO).

Trichodesma indicum (L.) Lehm. var. **amplexicaule** (Roth) T. Cooke

Sabarkantha: Idar, D.V. Yogi 2610 (SPU). (BSJO).

***Trichodesma sedgwickianum** Banerjee

Trichodesma zeylanica (Burm.f.) R. Br.

Reported by Shah & Yogi (1971) as weeds along roads & cultivated fields.

BRASSICACEAE

Brassica rapa L. subsp. **campestris** (L.) Clapham “*Sarson*”

Sabarkantha : Khedbrahma, D. V. Yogi 2550 (SPU).

Cardamine trichocarpa Hochst. ex A. Rich.

Sabarkantha : Posina, S. S. Yadav 476 (SPU).

Lepidium sativum L. “*Asalio*”

Sabarkantha : Posina, S. S. Yadav 485 (SPU); Khedbrahma, D.V. Yogi 2528 (SPU).

BURSERACEAE

Boswellia serrata Roxb. “*Salai gugga, Dhupalio*”

Sabarkantha: Near Modasa, Parmar 24023, Near Kotda, Parmar 23553 (BSJO).

Commiphora wightii (Arn.) Bhandari “*Guggal*”

Sabarkantha : Raigarh F.B., Parmar 22617 (BSJO); Khedbrahma, S. S. Yadav 1388 (SPU).

Garuga pinnata Roxb.

Sabarkantha : Vijainagar F.B., Parmar 22971 (BSJO); Khedbrahma, S. S. Yadav 1444 (SPU).

CACTACEAE

Opuntia elatior Mill. “*Hathlo*”

Sabarkantha : Mau, Parmar 24051 (BSJO).

CAMPANULACEAE

***Sphenoclea zeylanica** Gaertn.

CAPPARACEAE

Cadaba fruticosa (L.) Druce “*Karo pinjaro, Khordu*”

Sabarkantha: Gadhrashamlaji, Parmar 24001 (BSJO).

Capparis decidua (Forssk.) Edgew. “*Ker*”

Sabarkantha : Near Vireshwar, *Parmar* 23557; Dharmalo *Parmar* 22717 (BSJO); Khedbrahma, G.V. Gopal 1075 (SPU).

Capparis grandis L.f. “*Dumro, “Thikari”*”

Sabarkantha: Shareneshwar R.F., *Parmar* 22725, Vijainagar, *Parmar* 22959 (BSJO).

Capparis sepiaria L. “*Kanther*”

Sabarkantha: Dev ni mori, near Shamlaji, *Parmar* 24019, near Pal village, *Parmar* 22983 (BSJO).

***Cleome gynandra** L. “*Thanamani*”

***Cleome monophylla** L.

Cleome simplicifolia Hook.f. & Thomson

Sabarkantha: Near Khedbrahma, *Parmar* 22810 (BSJO).

Cleome viscosa L. “*Pili tilvan*”

Sabarkantha: Raigarh, *Parmar* 22756 (BSJO).

Crateva magna (Lour.) DC. (= *C. nurvula* Buch.-Ham.) “*Yaivarpo, Varno*”

Sabarkantha: Dharod road side, *Parmar* 240 069 (BSJO).

Maerua oblongifolia (Forssk.) A. Rich. [= *M. arenaria* (DC.) Hook.f. & Thomson] “*Hemkand*”

Sabarkantha : Bankhor, *Parmar* 23612 (BSJO); Idar, D. V. Yogi 2329 (SPU).

CARYOPHYLLACEAE

Polycarpaea corymbosa (L.) Lam.

Sabarkantha : Raigarh, Parmar 19380 (BSJO); Khedbrahma, S. S. Yadav 295 (SPU); Posina, S.S. Yadav 294 (SPU); Himmatnagar, S.S. Yadav 1159 (SPU).

***Polycarpon tetraphyllum** (L.) L.**Spergula arvensis** L.

Sabarkantha : Posina, S. S. Yadav 297 (SPU); Khedbrahma, D.V. Yogi 2542 (SPU).

Spergula fallax (Lowe) E.H.L. Krause

Sabarkantha : Khedbrahma, R. P. Bhatt 2412, 2467 (BARO); Khedbrahma, near Kadiadra, R. L. Bhatt 2563 (BARO); Khedbrahma, G.V. Gopal 1051 (SPU).

CELASTRACEAE

Celastrus paniculata Willd. "*Malkakni, Yayotomati*"

Sabarkantha: Dholwani F.B., Parmar 22939, 22909 (BSJO).

Gymnosporia emarginata (Willd.) Thwaites [= *Maytenus emarginata* non (Willd.) Ding Hou] "*Viklo, Vikro*"

Sabarkantha : Khedbrahma, S. S. Yadav 1083 (SPU).

CHENOPODIACEAE

***Chenopodium album** L.**Chenopodium murale** L.

Sabarkantha: Prantij, Parmar 23604 (BSJO).

Spinacia oleracea L. "*Palak*"

Sabarkantha: Khedbrahma, Parmar 23694 (BSJO).

COLCHICACEAE

Gloriosa superba L. "*Vachnag*"

Sabarkantha: Dharod F.B., Vadali, Parmar 19309 (BSJO).

***Iphigenia indica** (L.) A. Gray ex Kunth

COMBRETACEAE

Anogeissus latifolia (Roxb. ex DC.) Wall. ex Bedd. "*Safed-dhavdo*"

Sabarkantha : Raigarh F.B., Parmar 19353, 19355, Near Khedbrahma, Parmar 22815 (BSJO).

Anogeissus pendula Edgew. "*Dhavado*"

Sabarkantha : Near Khedbrahma, Parmar 22818 (BSJO).

Anogeissus sericea Brandis var. **nummularia** King ex Duthie

Sabarkantha : Modasa, L.G. Sedgwick 1267 (CAL).

Terminalia chebula Retz.

Sabarkantha : Antarsuba medicinal garden, Dholwani, Parmar 22904 (BSJO).

***Terminalia cuneata** Roth [= *Terminalia arjuna* (Roxb. ex DC.) Wight & Arn.]**Terminalia elliptica** Willd. (= *T. crenulata* Roth) "*Sadad*"

Sabarkantha : Dharod F.B., Vadali, Parmar 19317, Dholwani F.B., Parmar 23639 (BSJO).

COMMELINACEAE

Commelina benghalensis L.

Sabarkantha: Raigarh F.B., Parmar 22754 (BSJO).

Commelina caroliniana Walter (= *Commelina hasskarlii* C.B. Clarke)

Sabarkantha: Near Vanaj, Parmar 22995 (BSJO); Khedbrahma, D.V. Yogi 2023 (SPU).

Commelina diffusa Burm.f.

Sabarkantha: Vijainagar F.B., Parmar 22925 (BSJO).

Commelina forsskaii Vahl

Sabarkantha: Raigarh F.B., Parmar 19364, 22760 (BSJO).

* **Commelina undulata** R.Br.

Cyanotis axillaris (L.) D. Don ex Sweet [= *Amischophacelus axillaris* (L.) R.S. Rao & Kammathy]

Sabarkantha: Dholwani F.B., Parmar 22739 (BSJO).

Cyanotis cristata (L.) D. Don

Sabarkantha: Near Khedbrahma., Parmar 22812, Shareneswar, Parmar 22917 (BSJO).

Murdannia nudiflora (L.) Brenan "*Shishmuli*"

Sabarkantha: Raigarh F.B., Parmar 19379, Dholwani F.B., Parmar 22740 (BSJO).

CONVOLVULACEAE

Argyreia nervosa (Burm.f.) Bojer

Sabarkantha: Antrasuba medicinal garden, Dholwani, Parmar 22908 (BSJO).

Convolvulus arvensis L. "*Khetarau fudedi*"

Sabarkantha: Khedbrahma, D.V. Yogi 2499 (SPU).

* **Convolvulus prostratus** Forssk.

* **Cressa cretica** L. "*Kharo dharm, Lano*"

Cuscuta chinensis Lam.

Sabarkantha: Vakatur, Parmar 22703 (BSJO).

*** **Cuscuta europea** L.

Sabarkantha: Vireshwar, Parmar 23659 (BSJO).

* **Cuscuta reflexa** Roxb. "*Amarvel*"

Evolvulus alsinoides (L.) L. "*Shankavali*"

Sabarkantha: Dholwani F.B., Parmar 22733, Fatehpur, Parmar 24042 (BSJO).

** **Hewittia malabarica** (L.) Suresh (= *Hewittia bicolor* Wight & Arn.)

Ipomoea aquatica Forssk. "*Jal gamani*"

Sabarkantha: Gadhrashamlaji, Parmar 23520 (BSJO).

* **Ipomoea biflora** (L.) Pers. (= *I. indica* Stapf)

* **Ipomoea cairica** (L.) Sweet

Ipomoea coptica (L.) Roth ex Roem. & Schult.

Sabarkantha: Khedbrahma, Parmar 22793 (BSJO).

Ipomoea dichroa Choisy

Sabarkantha: Near Netrawali, Parmar 22722, Khedbrahma, Parmar 22790 (BSJO).

Ipomoea eriocarpa R. Br.

Sabarkantha: Khedbrahma, D.V. Yogi 1500 (SPU).

Ipomoea fistulosa Mart. ex Choisy [= *I. carnea* Jacq. subsp. *fistulosa* (Mart. ex Choisy) D.F. Austin]

Sabarkantha: Dholwani F.B., Parmar 22899, Khedbrahma, Parmar 23688 (BSJO).

Ipomoea grandifolia (Dammer) O' Donnell (= *I. triloba* L.)

Sabarkantha: On the way to Talod, Parmar 22871 (BSJO).

****Ipomoea marginata*** (Desr.) Verdc. (= *I. sepiaria* Koenig ex Roxb.)

Ipomoea nil (L.) Roth

Sabarkantha: Near Vakatapur, Parmar 22702 (BSJO).

Ipomoea obscura (L.) Ker Gawl.

Sabarkantha: Vakatapur, Parmar 22710, Khedbrahma, Parmar 23676 (BSJO).

Ipomoea pallida Santapau & Patel

Sabarkantha: Dholwani, Parmar 22737, Vamanvad, Parmar 24052 (BSJO).

Ipomoea pes-tigridis L.

Sabarkantha: Near Meghraj, Parmar 22869 (BSJO).

Ipomoea quamoclit L. "*Kamlata*"

Sabarkantha: Near Talod, Parmar 22888 (BSJO).

Ipomoea sinensis (Desr.) Choisy

Sabarkantha: Near Netrawali, Parmar 22720 (BSJO).

Ipomoea turbinata Lag. (= *I. muricata* (L.) Jacq.)

Sabarkantha: Dharod F.B., Vadali, Parmar 19345 (BSJO).

Ipomoea wightii A. Gray (= *I. pulchella* Roth)

Sabarkantha: Khedbrahma, Parmar 23693 (BSJO).

Merremia aegyptia (L.) Urb.

Sabarkantha: Dharod F.B., Vadali, Parmar 19344, Raigarh, Parmar 19382 (BSJO).

****Merremia emarginata*** (Burm. f.) Hallier f.

****Merremia peltata*** (L.) Merr. [= *Operculina petaloidea* (Choisy) Ooststr.]

Merremia quinquefolia (L.) Hallier f.

Sabarkantha: Raigarh, Parmar 23611 (BSJO); Khedbrahma, D.V. Yogi 2492 (SPU).

Operculina turpethum (L.) Silva Manso

Sabarkantha: Gadhrashamlaji, Parmar 23513, 23698, Majumdam, near Modasa, Parmar 23590, Khedbrahma, Parmar 23677 (BSJO).

Rivea hypocrateriformis (Desr.) Choisy "*Fangval, Fang*"

Sabarkantha: Near Shamlaji, Parmar 22773 (BSJO).

Merremia tridentata (L.) Hallier f. subsp. ***tridentata*** [= *Xenostegia tridentata* (L.) D.F. Austin & Staples]

Sabarkantha: Near Meghraj, Parmar 22864 (BSJO).

Merremia tridentata (L.) Hallier f. subsp. ***hastata*** Ooststr. [= *Xenostegia tridentata* (L.) D.F. Austin & Staples subsp. *hastata* (Ooststr.) Parmar]

Sabarkantha: On the way to Meghraj from Modasa, Parmar 23591 (BSJO).

CUCURBITACEAE

Citrullus colocynthis (L.) Schrad. "*Moto indravarana, Kokadvarna*"

Sabarkantha : Near Prantij, Parmar 22882 (BSJO).

Citrullus lanatus (Thunb.) Matsum. & Nakai (= *Citrullus vulgaris* Schrad.) "*Maturu, Kalingarda*"

Sabarkantha : Near Meghraj, Parmar 22863 (BSJO).

Coccinia grandis (L.) Voigt (= *C. cordifolia* auct. non (L.) Cogn.) "*Gilodi, Tindora*"

Sabarkantha : Near Vakatur, Parmar 22715 (BSJO).

Corallocarpus conocarpus (Dalzell & A. Gibson) C.B. Clarke

Sabarkantha : Netrawali, Parmar 22719 (BSJO).

***Corallocarpus epigaeus** (Rottler) C.B. Clarke

***Cucumis melo** L. [= *Cucumis callosus* (Rottler) Cogn.] "*Kotembra*"

Cucumis sativus L.

Sabarkantha : Near Shamlaji, Parmar 22778 (BSJO).

Ctenolepis garcinii (L.) C.B. Clarke [= *Balastania garcinii* (L.) Cogn.]

Sabarkantha : Near Talod, Parmar 22876 (BSJO).

***Ctenolepis cerasiformis** (Stocks) C.B. Clarke

Cucurbita moschata Dutchesne

Sabarkantha : Radhipara, near Khedbrahma, Parmar 22826, Dhandha, near Himmatnagar, Parmar 22933 (BSJO).

Diplocyclos palmatus (L.) Jeffrey

Sabarkantha : Raigarh, Parmar 19351, Dholwani, Parmar 22743 (BSJO).

Luffa acutangula (L.) Roxb. [= *L. acutangula* var. *amara* (Roxb.) C.B. Clarke] "*Kadvo turiyo, Jangli turiya*"

Sabarkantha : Near Netrawali, Parmar 22721 (BSJO).

***Luffa cylindrica** (L.) M. Roem.

Momordica balsamina L. "*Kareli*"

Sabarkantha : Ujadia, Parmar 23610 (BSJO).

Momordica charantia L. "*Karala*"

Sabarkantha : Near Khedbrahma, Parmar 22806, Shamlaji, Parmar 24008 (BSJO).

***Momordica cochinchinensis** (Lour.) Spreng.

Momordica dioica Roxb. ex Willd. "*Kankoda*"

Sabarkantha : Khedbrahma, Parmar 22802, Near Meghraj, Parmar 22862 (BSJO).

Mukia maderaspatana (L.) M. Roem. (= *Melothria maderaspatana* (L.) Cogn.) "*Charate*"

Sabarkantha : Raigarh, Parmar 22751 (BSJO).

***Trichosanthes tricuspidata** Lour. [= *T. bracteata* (Lam.) Voigt]

Trichosanthes cucumerina L. "*Ranpadval*"

Sabarkantha : Raigarh F.B., Parmar 19349 (BSJO).

CYPERACEAE

Bulbostylis barbata (Rottb.) C.B. Clarke

Sabarkantha: Raigarh F.B., Parmar 19381 (BSJO).

***Bolboschoenus maritimus** (L.) Palla (= *Scirpus maritimus* L.)

Cyperus alulatus Kern

Sabarkantha: Modasa, Parmar 22824 (BSJO); Khedbrahma, D.V. Yogi 1640, 1641 (SPU).

***Cyperus bulbosus** Vahl

Cyperus compressus L.

Sabarkantha: Dharod F.B., Vadali, Parmar 19332 (BSJO).

***Cyperus cyperoides** (L.) Kuntze [= *Mariscus sumatrensis* (Retz.) J. Raynal]

Cyperus difformis L.

Sabarkantha: Near Shamalaji, Parmar 22776, Bayad river bed, Parmar 23585 (BSJO).

***Cyperus esculentus** L.

***Cyperus exaltatus** Retz.

Cyperus iria L.

Sabarkantha: Dharod F.B., Vadali, Parmar 19331, Near Shamalaji, Parmar 22777, Near Khedbrahma, Parmar 22796, Raigarh F.B., Parmar 19372, (BSJO).

***Cyperus laevigatus** L.

Cyperus michelianus (L.) Delile subsp. **pygmaeus** (Rottb.) Asch. & Coraebn. (= *C. pygmaeus* Rottb.)

Sabarkantha: Gadhrashamlaji, Parmar 23524 (BSJO).

****Cyperus nutans** Vahl. var. **eleusinoides** (Kunth) Haines [= *C. nutans* Vahl. subsp. *eleusinoides* (Kunth) T. Koyama]

Cyperus pangarei Rottb.

Sabarkantha: Meghraj, Parmar 22868 (BSJO).

***Cyperus pulchellus** R.Br.

Cyperus rotundus L. (= *C. rotundus* L. var. *centiflorus* C.B. Clarke) "*Chido*"

Sabarkantha: Raigarh F.B., Parmar 19375, Near Khedbrahma, Parmar 22829 On the way to Talod, Parmar 22874 (BSJO).

***Cyperus squarrosus** L. (= *Mariscus squarrosus* (L.) C.B. Clarke.)

***Eleocharis atropurpurea** (Retz.) J. Presl & C. Presl

Eleocharis geniculata (L.) Roem. & Schult.

Sabarkantha: Bayad river bed, Parmar 23582, Fatehpur, Parmar 24036, Mordia, Parmar 24059 (BSJO).

***Fimbristylis aestivalis** Vahl

***Fimbristylis argentea** (Rottb.) Vahl

Fimbristylis bisumbellata (Forssk.) Bubani

Sabarkantha: Bayad river bed, Parmar 23581 (BSJO).

Fimbristylus cymosa R. Br. [= *Cyperus triceps* (Rottb.) Endl.; *Fimbristylis cymosa* R. Br. var. *spathacea* (Roth) T. Koyama]

Sabarkantha: Near Khedbrahma, Parmar 22821 (BSJO); Khedbrahma, D.V. Yogi 1635, 2489, 2518 (SPU).

Fimbristylis dichotoma (L.) Vahl

Sabarkantha: Bayad river bed, Parmar 23587, Fatehpur, Parmar 24040 (BSJO).

Fimbristylis ferruginea (L.) Vahl

Sabarkantha: Bayad river bed, Parmar 23580 (BSJO).

Fimbristylis littoralis Gaudich.

Sabarkantha: Near Modasa, Parmar 22838 (BSJO).

Fimbristylis quinqueangularis (Vahl) Kunth (= *F. miliacea* (L.) Vahl)

Sabarkantha: Meghraj, Parmar 22870 (BSJO).

Fimbristylis schoenoides (Retz.) Vahl

Sabarkantha: Near Modasa, Parmar 22836, Near Meghraj, Parmar 22866 (BSJO); Khedbrahma, D.V. Yogi 1638 (SPU).

Fimbristylis tenera** Schult.Fuirenia ciliaris** (L.) Roxb.**Lipocarpa squarrosa** (L.) Goetgh. [= *Rikliella squarrosa* (L.) Raynal]

Sabarkantha: Khedbrahma, D.V. Yogi 1629 (SPU).

Pycnus flavidus (Retz.) T. Koyama (= *Cyperus flavidus* Retz.)

Sabarkantha: Bayad river bed, Parmar 23583 (BSJO).

Pycnus pumilus** (L.) NeesSchoenoplectiella articulata** (L.) Lye (= *Schoenoplectus articulatus* (L.) Palla)**Schoenoplectiella lateriflora** (J.F. Gmel.) Lye (= *Schoenoplectus supinus* (L.) Palla subsp. *lateriflorus* (J.F. Gmel.) T. Koyama)

Sabarkantha: Vandra dam side, Parmar 24048 (BSJO).

DIOSCOREACEAE

Dioscorea bulbifera L. “*Chairo*”

Sabarkantha: Dholwani F.B., Parmar 22906 (BSJO).

Dioscorea hispida** Dennst.Dioscorea pentaphylla** L.

EBENACEAE

Diospyros melanoxylon Roxb. “*Timru, Bidi patta*”

Sabarkantha: Dharod F.B., Vadali, Parmar 19326, Vijainagar, Parmar 22972 (BSJO).

ELATINACEAE

***Bergia ammannioides** Roxb.**Bergia suffruticosa** (Delile) Fenzl (= *Bergia odorata* Edgew.) “*Kharsan, Ropatri*”

Sabarkantha : Damawas, S. S. Yadav 299 (SPU).

EUPHORBIACEAE

Acalypha ciliata Forssk.

Sabarkantha: Shareneshwar F.B., Parmar 22915 (BSJO).

Acalypha indica L.

Sabarkantha: Near Vadali, Parmar 22729 (BSJO).

***Acalypha malabarica** Müll.- Arg.**Chrozophora plicata** (Vahl) A. Juss. ex Spreng. (= *C. parvifolia* Koltzsch ex Schweinf.; *C. prostrata* Dalzell & A. Gibson)

Sabarkantha: Near Himmatnagar, Parmar 23601; Near Vijainagar, Parmar 22975 (BSJO).

Chrozophora rottleri (Geiseler) A. Juss. ex Spreng.

Sabarkantha: Himmatnagar, Parmar 23599, Gadhrashamlaji, Parmar 23699 (BSJO).

Croton bonplandianum Baill.

Sabarkantha: Near Shamlaji, Parmar 22774, Raigarh, Parmar 23565 (BSJO).

Dalechampia scandens L. var. **cordofana** (Hochst. ex Webb.) Müll. - Arg.

Sabarkantha: Vakatur, Parmar 19399 (BSJO).

Euphorbia caducifolia Haines

Sabarkantha: Near Shamlaji, Parmar 22993 (BSJO).

Euphorbia clarkeana Hook.f.

Sabarkantha: Near Talod, Parmar 22885 (BSJO).

Euphorbia chamaesyce L.

Sabarkantha: Vanaj F.B., Parmar 23535 (BSJO).

Euphorbia heterophylla L. (= *Euphorbia geniculata* Ortega)

Sabarkantha: Raigarh, Parmar 22762 (BSJO).

Euphorbia heyneana Spreng.

Sabarkantha: Vanaj F.B., Parmar 23531 (BSJO).

Euphorbia hirta L. "*Dudhalo, Nagal*"

Sabarkantha: Raigarh, Parmar 19369, Talod, near dam, Parmar 22886 (BSJO).

Euphorbia hypericifolia L.

Sabarkantha: Khedbrahma, Parmar 22795, Talod, near dam, Parmar 22887, Near Himmatnagar, Parmar 23602 (BSJO).

Euphorbia neriifolia L. "*Thor*"

Sabarkantha: Vanaj F.B., Parmar 23648 (BSJO).

Euphorbia nivulia Buch.-Ham.

Sabarkantha: Near Shamlaji, Parmar 22992, Near Vijainagar, Parmar 23647, Fatehpur, Parmar 24034 (BSJO).

Euphorbia orbiculata Kunth

Sabarkantha: Gadhrashamlaji, Parmar 23527 (BSJO).

***Euphorbia parviflora** L.

***Euphorbia thymifolia** L.

***Euphorbia tirucalli** L.

Flueggea virosa (Roxb. ex Willd.) Royle [= *Securinega virosa* (Roxb. ex Willd.) Pax & Hoffm.]

Sabarkantha: Dharod F.B., Parmar 19348 (BSJO).

***Jatropha curcus** L. "*Ratanjot*"

Jatropha gossypifolia L.

Sabarkantha: Shareneshwar F.B., Parmar 22918, Near Modasa, Parmar 24060 (BSJO).

***Mallotus philippensis** (Lam.) Müll.-Arg.

Phyllanthus amarus Schumach. & Thonn.

Sabarkantha: Raigarh F.B., Parmar 19395 (BSJO).

***Phyllanthus emblica** L. (= *Emblica officinalis* Gaertn.)

***Phyllanthus fraternus** G.L. Webster “*Bhoynamli*”

Phyllanthus maderaspatensis L.

Sabarkantha: Near Himmatnagar, Parmar 23597 (BSJO).

Phyllanthus reticulatus Poir. (= *Kirganelia reticulata* (Poir.) Baill.)

Sabarkantha: Dholwani F.B., Parmar 22741, 23667, Vijainagar F.B., Parmar 22944, (BSJO).

***Phyllanthus virgatus** G. Forst. (= *P. simplex* Retz.)

***Phyllanthus urinaria** L.

Putranjiva roxburghii Wall. [= *Drypetes roxburghii* (Wall.) Hurusawa] “*Putranjiva*”

Sabarkantha: Vanaj F.B., Parmar 23642, Dholwani F.B., Parmar 23674 (BSJO); Khedbrahma, D.V. Yogi 1855 (SPU).

***Ricinus communis** L. “*Erandi*”

FLACOURTIACEAE

Casearia nigrescens Tue. (= *Casearia elliptica* Tue)

Sabarkantha: Dholwani F.B., Parmar 23641 (BSJO).

Flacourtia indica (Burm.f.) Merr. “*Yenkadi, Galgugal*”

Sabarkantha: Mesva dam, near Shamlaji, Parmar 23615, Khedbrahma, Parmar 23684, Dev ni Mori, Parmar 24016 (BSJO).

FUMARIACEAE

Fumaria indica (Haussk.) Pugsley

Sabarkantha : Khedbrahma, D. V. Yogi 2536 (SPU).

GENTIANACEAE

Canscora decussata (Roxb.) Schult. & Schult. f.

Sabarkantha: Mardia, Parmar 24057 (BSJO).

***Canscora. diffusa** (Vahl) R.Br. ex Roem. & Schult.

Enicostema axillare (Poir. ex Lam.) A. Raynal (= *E. hyssopifolium* (Willd.) Verd.) “*Navali*”

Sabarkantha: Dharod F.B., Vadali, Parmar 19307 (BSJO).

Hoppea dichotoma Willd.

Sabarkantha : Idar, D.V. Yogi 2575 (SPU).

GESNERIACEAE

***Didymocarpus pygmaeus** C.B. Clarke

HYAUNTHACEAE

***Urginea indica** Kunth

HYDROCHARITACEAE

Hydrilla verticillata (L.f.) Royle “*Bam*”

Sabarkantha: Gadhrashamlaji, Parmar 23526, Mordia, Parmar 24058 (BSJO).

***Najas indica** (Willd.) Cham.

***Nechamandra alternifolia** (Roxb. ex Wight) Thwaites

Ottelia alismoides (L.) Pers.

Sabarkantha: Vijainagar, Parmar 22948 (BSJO).

Vallisneria natans (Lour.) H. Hara (= *V. spiralis* L.)

Sabarkantha: Vijainagar, Parmar 22951, Near Vanaj, Parmar 22997 (BSJO).

HYDROPHYLLACEAE

***Hydrolea zeylanica** (L.) Vahl

LAMIACEAE

***Anisochilus carnosus** (L.f.) Wall.

Anisomeles indica (L.) Kuntze

Sabarkantha: Dholwani F.B., Parmar 22898 (BSJO).

Basilicum polystachyum (L.) Benth. [= *Moschosma polystachyum* (L.) Benth.; *Ocimum polystachyum* L.]

Sabarkantha: Near Vanaj, Parmar 22998 (BSJO).

Hyptis suaveolens (L.) Poit.

Sabarkantha: Dharod F.B., Vadali, Parmar 19320, Near Modasa, Parmar 23569, 23576, Shamlaji, Parmar 24011 (BSJO).

Leucas aspera (Willd.) Link “*Kudo, Kubi*”

Sabarkantha: On the way to Talod, Parmar 22873 (BSJO).

Leucas biflora (Vahl) R. Br. ex Sm.

Sabarkantha: Khedabrahma, S.S. Yadav 761 (SPU).

Leucas cephalotes (Roth) Spreng.

Sabarkantha: Dharod F.B., Vadali, Parmar 19333 (BSJO).

***Leucas nutans** (Roth) Spreng.

***Leucas stricta** Benth.

***Leucas urticifolia** (Vahl) R. Br. ex Sm.

Leucas zeylanica (L.) W.T. Aiton

Sabarkantha: Khedabrahma, G.V. Gopal 4016 (SPU).

Ocimum basilicum L. [= *Ocimum basilicum* L. var. *thyrsiflorum* Benth.] “*Maruvo*”

Sabarkantha: Near Modasa, Parmar 22850 (BSJO).

Ocimum americanum L. (= *O. canum* Sims.) “*Tulsi*”

Sabarkantha: Near Meghraj, Parmar 22861 (BSJO).

Ocimum gratissimum L. “*Avachibavchi, Tulsi*”

Sabarkantha: Dholwani F.B., Parmar 23651 (BSJO).

***Ocimum tenuiflorum** L. (= *O. sanctum* L.) “*Sabjo*”

Orthosiphon pallidus Royle ex Benth.

Sabarkantha: Vanaj F.B., Parmar 23645 (BSJO).

***Salvia santolinifolia** Boiss.

LEGUMINOSAE - CAESALPINIOIDEAE

Bauhinia purpurea L.

Sabarkantha : Posina, Badrinath 3572 (SPU).

Bauhinia racemosa Lam. "*Asitro*"

Sabarkantha : Dharod F.B., Vadali, Parmar 19319, Shamlaji, Parmar 22985, Vadali F.B., Parmar 23559, Meghraj, Parmar 24028 (BSJO); Idar, D. V. Yogi 2184 (SPU), Modasa, W.T. Saxton 1110 (CAL).

Caesalpinia bonduc (L.) Roxb. (= *C. crista* L.) "*Chalari*"

Sabarkantha : Near Khedbrahma, Parmar 22807 (BSJO); Khedbrahma, D. V. Yogi 2011 (SPU).

Cassia fistula L. "*Garmalo*"

Sabarkantha : Near Khedbrahma, Parmar 22804, Near Meghraj, Parmar 23595 (BSJO); Vijainagar, S. S. Yadav 436 (SPU);

Chamaecrista absus (L.) H.S. Irwin & Barneby (= *Cassia absus* L.) "*Chimed, Chon*"

Sabarkantha : Dharod F.B., Vadali, Parmar 19316 (BSJO); Himmatnagar, D. V. Yogi 1346 (SPU).

Chamaecrista kleinii (Wight & Arn.) V. Singh (= *Cassia kleinii* Wight & Arn.)

North Gujarat : D. V. Yogi 234 (SPU).

Chamaecrista pumila (Lam.) V. Singh (= *Cassia pumila* Lam.)

Sabarkantha : Dharod F.B., Vadali, Parmar 19328 (BSJO).

Delonix elata (L.) Gamble

Sabarkantha : Khedbrahma, Parmar 23696 (BSJO).

Delonix regia (Hook.) Raf.

Sabarkantha : Near Modasa, Parmar 23567 (BSJO).

Senna auriculata (L.) Roxb. (= *Cassia auriculata* L.) "*Aanwal, Awar*"

Sabarkantha : On the way to Halsol, near Talod, Parmar 22891, Near Meghraj, Parmar 23594 (BSJO); Khedbrahma S. S. Yadav 434 (SPU);

Senna obtusifolia (L.) H.S. Irwin & Barneby (= *Cassia obtusifolia* L.)

Sabarkantha : Idar, D. V. Yogi 2183 (SPU);

Senna occidentalis (L.) Link (= *Cassia occidentalis* L.) "*Kasundaro*"

Sabarkantha : Vakatapur, Parmar 22711 (BSJO).

Senna siamea (Lam.) H.S. Irwin & Barneby (= *Cassia siamea* Lam.) "*Kasid*"

Sabarkantha : Near Dharoi, Parmar 23620 (BSJO).

Senna tora (L.) Roxb. (= *Cassia tora* L.) "*Povadio, Kuvandio*"

Sabarkantha : Talod, Parmar 22884 (BSJO); Khedbrahma, D. V. Yogi 2010 (SPU);

Tamarindus indica L. "*Amali, Khati amali*"

Sabarkantha : Prantij, Parmar 22877, 23606 (BSJO).

LEGUMINOSAE-MIMOSOIDEAE

***Acacia chundra** (Rottler) Willd. "*Kher*"**Acacia ferrugiana** DC. "*Kagar, Kanti*"

Sabarkantha : Near Khedbrahma, Parmar 22817 (BSJO).

Acacia jacquemontii Benth.

Sabarkantha : Gadhrashamlaji, Parmar 23528, Modasa, Parmar 24025 (BSJO).

Acacia leucophloea (Roxb.) Willd. "*Aniar, Reunja*"

Sabarkantha : Vakatur, Parmar 22708, Vadali F.B., Parmar 23661 (BSJO).

Acacia nilotica (L.) Delile subsp. **indica** (Benth.) Brenan "*Desi-baval, Kalo baval*"

Sabarkantha : Khedbrahma, Parmar 23683 (BSJO).

Acacia nilotica (L.) Delile subsp. **subalata** (Vatke.) Brenan

Sabarkantha : Near Vakatur, Parmar 22705 (BSJO).

Acacia pennata (L.) Willd. "*Chalari*"

Sabarkantha : Dharod F.B., Vadali, Parmar 19303 (BSJO).

Acacia senegal (L.) Willd. "*Goradio baval*"

Sabarkantha : Near Shareneswar, Parmar 22726 (BSJO).

Acacia torta (Roxb.) Craib

Sabarkantha : Khedbrahma, D. V. Yogi 494 (SPU).

Acacia tortilis (Forssk.) Hayne subsp. **raddiana** (Savi) Brenan "*Chilar*"

Sabarkantha : Vakatur, Parmar 22709 (BSJO).

Albizia lebbbeck (L.) Benth. "*Karo siris*"

Sabarkantha: Near Shamlaji, Parmar 24013 (BSJO).

Albizia procera (Roxb.) Benth. "*Killai, Safed siris*"

Sabarkantha : Near Kotda, Parmar 23554, Meswa dam, near Shamlaji, Parmar 23616 (BSJO).

Dichrostachys cinerea (L.) Wight & Arn. "*Kini-kherdi, Mordhundhiyu*"

Sabarkantha: Dholwani F.B., Parmar 22718, Near Vijainagar, Parmar 23656 (BSJO).

Lysiloma latisiliqua (L.) Benth [= *Leucaena latisiliqua* (L.) Gillis]

Sabarkantha : Near Gadi village, Parmar 22896, Near Khedbrahma, Parmar 23541 (BSJO).

Mimosa hamata Willd.

Sabarkantha : Near Vakatur, Parmar 22706 (BSJO).

Mimosa pudica L.

Sabarkantha: Antarsuba Medicinal garden, Dholwani, Parmar 22910 (BSJO).

Pithecellobium dulce (Roxb.) Benth. "*Goras amli*"

Sabarkantha : Dholwani F.B., Parmar 22665, 22937 (BSJO); Khedbrahma, D. V. Yogi 1877 (SPU).

Prosopis cineraria (L.) Druce (= *P. spicigera* L.) "*Khijdo*"

Sabarkantha : Gadhrashamlaji, Parmar 23518, Khedbrahma, Parmar 23692 (BSJO).

Prosopis juliflora (Sw.) DC. "*Vilayati-baval, Vijayasami*"

Sabarkantha : Khedbrahma, Parmar 23691 (BSJO); D. V. Yogi 2756 (SPU).

LEGUMINOSAE- PAPILIONOIDEAE

Abrus precatorius L. "*Chanothi, Gunja*"

Sabarkantha: Dholwani F.B., Parmar 22744, Dharod F.B., Vadali, Parmar 19304 (BSJO).

Aeschynomene indica L.

Sabarkantha : Raigarh F.B., Parmar 19361 (BSJO); Khedbrahma, S. S. Yadav 1170 (SPU).

Alhagi maurorum Medik. “Jawasa”

Sabarkantha: Vadali F.B., Parmar 23564 (BSJO).

Alysicarpus bupleurifolius (L.) DC.

Sabarkantha : Shamlaji, A. I. Patel 8 (SPU);

Alysicarpus glumaceus (Vahl) DC.

Sabarkantha : Khedbrahma, M. Sanjappa 542 (CAL);

Alysicarpus hamosus Edgew. (=A. procumbens (Roxb.) Schindl.)

Sabarkantha : Samlaji, A. I. Patel 1 (SPU); Bamaraji, A.I. Patel 8 (SPU).

Alysicarpus longifolius (Spreng.) Wight & Arn.

Sabarkantha: Raigarh F.B., Parmar 22753 (BSJO).

Alysicarpus monilifer (L.) DC.

Sabarkantha: Shamlaji, Parmar 22787, Raigarh F.B., Parmar 19357 (BSJO).

Alysicarpus scariosus (Spreng.) Grah. ex Thwaites

Sabarkantha: Khedbrahma, D.V. Yogi 2497 (SPU).

Alysicarpus tetragonolobus Edgew.

Sabarkantha : D. V. Yogi 494 (SPU).

Arachis hypogaea L.*Butea monosperma (Lam.) Taub. “Khakaro, Kesudo”**

Sabarkantha: Vadali F.B., Parmar 23662, Vanaj, Vijainagar, Parmar 22967 (BSJO); Shamlaji, S.S. Yadav 889 (SPU).

Butea superba Roxb.

Sabarkantha: Shamlaji, S. S. Yadav 889 (SPU).

Cajanus cajan (L.) Millsp.

Sabarkantha : Khedbrahma, D. V. Yogi 2017 (SPU).

Cajanus scarabaeoides (L.) Thouare [=Atylosia scarabaeoides (L.) Benth.]*Canavalia africana Dunn.**

Sabarkantha: Shamlaji, Parmar 22984 (BSJO).

Canavalia ensiformis (L.) DC. “Tarvardi”

Sabarkantha: Near Khedbrahma, Parmar 22792 (BSJO).

Canavalia gladiata (Jacq.) DC. “Abbo, Tarvardi”**Clitoria annua J. Graham (=C. biflora Dalzell)****Clitoria ternatea L. [=C. ternatea L. var. pilosula (Benth.) Baker] “Garani”**

Sabarkantha: Vakatapur, Parmar 19400, 22713 (BSJO).

Crotalaria burhia Benth. “Kharshan, Vagdaushan”

Sabarkantha: Near Modasa, Parmar 22844, 24024 (BSJO).

Crotalaria hebecarpa (DC.) Rudd. [= *Goniogyna hirta* (Willd.) Ali] “*Godhali*”

Sabarkantha : Near Modasa, Parmar 22840 (BSJO); Bhadreswar, M. I. Kothari 304 (SPU).

***Crotalaria hirsuta** Willd.

Crotalaria linifolia L.f.

Sabarkantha : Vijayanagar, S. S. Yadav 1342 (SPU).

Crotalaria medicaginea Lam.

Sabarkantha: Raigarh, Parmar 19363 (BSJO).

***Crotalaria mysorensis** Roth

***Crotalaria orixensis** Willd.

Crotalaria retusa L.

Sabarkantha: Near Meghraj, Parmar 22857 (BSJO).

Crotalaria triquetra Dalzell

Sabarkantha : Vadoli, M. J. Kothari 552 (SPU).

Cullen plicatum (Delile) C. H. Stirt.

Sabarkantha: Bhadreswar, M. J. Kothari 238 (SPU).

***Dalbergia lanceolaria** L.f. “*Patradi*”

Dalbergia latifolia Roxb.

Sabarkantha:, Vijainagar, Parmar 22964, Modasa 24030 (BSJO).

Dalbergia sissoo DC. “*Sissoo, Sisam*”

Sabarkantha: 10 km from Talod, Parmar 22894, Near Khedbrahma, Parmar 23542, Gadhrashamlaji, 24002 (BSJO).

***Desmodium dichotomum** (Willd.) DC. [= *Desmodium diffusum* (Willd.) DC.]

Desmodium gangeticum (L.) DC.

Sabarkantha : Dholwani F.B., Parmar 22750 (BSJO); Vijainagar, S. S. Yadav 1137 (SPU); Khedbrahma, G. V. Gopal 1428 (SPU);

***Desmodium laxiflorum** DC.

Desmodium neomexicanum A. Gray

Sabarkantha : Vankal-Patal devi, S. S. Yadav 1135 (SPU).

Desmodium procumbens (Mill.) Hutch.

Sabarkantha: Dharod F.B., Vadali, Parmar 19305 (BSJO).

Desmodium triflorum (L.) DC.,

Sabarkantha : Raigarh, Parmar 19377 (BSJO); Khedbrahma, G. V. Gopal Gopal-3075 (SPU).

***Elciotis monophyllos** (Burm. f.) DC.

Erythrina suberosa Roxb. “*Bhongaro*”

Sabarkantha: Khedbrahma, Parmar 23675 (BSJO).

Gliricidia sepium (Jacq.) Walp.

Sabarkantha: Polo F.B., Dholwani, Parmar 23538 (BSJO).

Galactia tenuiflora (Willd.) Wight & Arn.

Sabarkantha: Khedbrahma F.B., Parmar 23682 (BSJO).

Indigofera angulosa Edgew.

Sabarkantha : Derol Jagir, near Khedbrahma, S.J. Bedi 786-791 (BARO).

Indigofera astragalina DC.

Sabarkantha : Dharod F.B., Vadali, Parmar 19334 (BSJO); Posina, S. S. Yadav 1192 (SPU).

Indigofera coerulea Roxb. var. **monosperma** (Santapau) Santapau

Sabarkantha : Bhaderesar, M. J. Kothari 306 (SPU).

Indigofera cordifolia Roth

Sabarkantha : Raigarh F.B., Parmar 19362 (BSJO); Bhaderesar, M. J. Kothari 313 (SPU).

***Indigofera hochstetteri** Baker

Indigofera linifolia (L.f.) Retz. "*Gali*"

Sabarkantha: Near Shamlaji, Parmar 24009 (BSJO).

Indigofera linnaei Ali "*Bhuiguli*"

Sabarkantha : Raigarh F.B., Parmar 19358, Vireshwar, Parmar 23658 (BSJO); Shamlaji, S. S. Yadav 1186 (SPU).

Indigofera oblongifolia Forssk. "*Zil, Ziladi*"

Sabarkantha : Khedbrahma, Parmar 23680, Near Shamlaji, Parmar 24010 (BSJO); Laxmipura, G. V. Gopal 733 (SPU).

Indigofera tinctoria L.

Sabarkantha : Dholwani F.B., Parmar 22745, Near Shamlaji, Parmar 22772 (BSJO); Bhadreshwar, M. J. Kothari 311 (SPU).

Indigofera trita L.f.

Sabarkantha: Dharod F.B., Vadali, Parmar 19310 (BSJO).

Medicago lupulina L.

Sabarkantha : Prantij, G. L. Shah 404, 405, 406, 407, 408 (SPU).

Medicago polymorpha L.

Sabarkantha : Khedbrahma, D. V. Yogi 2539 (SPU).

***Medicago sativa** L. "*Lachko*"

Melilotus albus Medik. ex Desr.

Sabarkantha : Prantij, G. L. Shah 410 (SPU).

Melilotus indica (L.) All. "*Methalo, Jangli Methi*"

Sabarkantha : Mardia, Parmar 24055 (BSJO); Prantij, G. L. Shah 402, 413, 416 (SPU); Khedbrahma, S.S. Yadav 1189 (SPU).

Mucuna pruriens (L.) DC. "*Kavach, Kaunch*"

Sabarkantha: Near Modasa, Parmar 22833 (BSJO).

Milletia pinnata (L.) Panigrahi (= *Pongamia pinnata* (L.) Pierre) "*Karanj*"

Sabarkantha : Near gadi village, Talod, Parmar 22895, Dharod F.B., Vadali, Parmar 23619 (BSJO); Idar, G. V. Gopal 1098 (SPU); Khedri, S.S. Yadav 1198 (SPU).

***Neonotonia wightii** (Wight & Arn.) J.A. Lackey (= *Glycine javanica* non L.)

***Phaseolus vulgaris** L.

Rhynchosia capitata (Roth) DC.

Sabarkantha: Near Khedbrahma, Parmar 22816 (BSJO).

Rhynchosia minima (L.) DC. "*Dariave*"

Sabarkantha : Near vakatapur, Parmar 22707, Ujadia, Parmar 23608 (BSJO); Himmatnagar, D. Subrahmanyam s.n. (SPU); Bhadreswar, M.J. Kothari 307 (SPU).

***Sesbania bispinosa** (Jacq.) W. Wight

***Sesbania sesban** (L.) Merr. "*Shevari*"

***Smithia conferta** Sm.

Stylosanthes fruticosa (Retz.) Alston

Sabarkantha : Dharod forest block, Parmar 19301 (BSJO).

Tephrosia collina V.S. Sharma

Sabarkantha: Dhandha, near Himmatnagar, Parmar 22766 (BSJO).

Tephrosia pumila (Lam.) Pers.

Sabarkantha : Vireshwar, G. L. Shah 14842 (SPU).

Tephrosia purpurea (L.) Pers. (= *T. hamiltonii* J.R. Drumond)

Sabarkantha : Raigarh F.B., Parmar 19350, Near Modasa, Parmar 22847, Bayad, Parmar 23575 (BSJO).

***Tephrosia senticosa** (L.) Pers.

Tephrosia strigosa (Dalzell) Santapau & Maheshw.

Sabarkantha : Raigarh F.B., Parmar 19359 (BSJO); Vireshwar, G. L. Shah 14853 (SPU); Posina, S.S. Yadav 1234 (SPU).

Tephrosia subtriflora Baker

Sabarkantha : Khedbrahma, S. S. Yadav 1232 (SPU); Bhadreswar, K.P. Patel 475 (SPU).

Tephrosia villosa (L.) Pers. (= *Tephrosia hirta* Buch.-Ham.)

Sabarkantha : Shamlaji, Parmar 22786, Near Modasa, Parmar 23577 (BSJO).

Teramnus labialis (L.f.) Spreng.

Sabarkantha : Dharod F.B., Vadali, Parmar 19308, Dholwani F.B., Parmar 22738 (BSJO); Bhadreswar, M. J. Kothari 309 (SPU); Posina, S.S. Yadav 1242 (SPU).

Trigonella balansae Boissd. & Reut. [= *T. corniculata* (L.) L.]

Sabarkantha: Gadhrashamlaji, Parmar 23523 (BSJO); Shamlaji, G.L. Shah s.n. (SPU).

Trigonella occulta Ser.

Sabarkantha: Gadhrashamlaji, Parmar 23697 (BSJO).

***Uraria picta** (Jacq.) Desv. ex DC.

Vigna radiata (L.) Wilczek (= *Phaseolus radiatus* L.)

Sabarkantha : Near Meghraj, Parmar 22860 (BSJO).

Vigna trilobata (L.) Verdc. (= *Phaseolus trilobus* non (L.) Aiton)

Sabarkantha : Near Khedbrahma, Parmar 22813 (BSJO).

Zornia gibbosa Span. “*Galgivi, Samarapani*”

Sabarkantha : Raigarh, Parmar 19387 (BSJO); Vireshwar, G. L. Shah 14839 (SPU).

LEMNACEAE

***Spirodela polyrrhiza** (L.) Schleid.**Wolffia arrhiza** (L.) Horkel ex Wimmer

Sabarkantha: Raigarh F.B., Parmar 19396 (BSJO).

LENTIBULARIACEAE

Utricularia stellaris L.f.

Sabarkantha: Near Meghraj, Parmar 22865 (BSJO).

LOGANIACEAE

Strychnos potatorum L.f. “*Katas, Nirmali*”

Sabarkantha: Dharod F.B., Vadali, Parmar 19327 (BSJO).

LORANTHACEAE

Dendrophthoe falcata (L.f.) Ettings.

Sabarkantha: Vijainagar, Parmar 22955 (BSJO).

LYTHRACEAE

***Ammannia auriculata** Willd.**Ammannia baccifera** L. “*Jalagio*”

Sabarkantha : Near Vanaj, Parmar 22999, Sabarmati river bed, near Kotda, Parmar 23549 (BSJO);
Shamlagi, R. P. Bhatt 39 (BARO); Khedbrahma, R. P. Bhatt 367 (BARO).

Ammannia desertorum Blatt. & Hallb.

Sabarkantha : Near Modasa, Parmar 22852 (BSJO).

Ammannia multiflora Roxb.

Sabarkantha : Khedbrahma, R. B. Bhatt 344 (BARO).

Lawsonia inermis L. (= *L. alba* Lam.)

Sabarkantha : Gadhrashamlaji, Parmar 23516 (BSJO).

***Punica granatum** L.**Rotala indica** (Willd.) Koehne

Sabarkantha : Dholwani F.B., Parmar 23670 (BSJO).

***Rotala serpyllifolia** (Roth) Bremek.**Woodfordia fruticosa** (L.) Kurz “*Dhavdi*”

Sabarkantha : Vanaj F.B., Vijainagar, Parmar 23631 (BSJO).

MAGNOLIACEAE

Magnolia champaca (L.) Baill. ex Pierre (= *Michelia champaca* L.) “*Champo*”

Sabarkantha: Idar, D.V. Yogi 2619 (SPU).

MALVACEAE

Abelmoschus esculentus (L.) Moench “*Bhindi*”

Khedbrahma, D.V. Yogi 1987 (SPU).

Abelmoschus manihot (L.) Medik.

Sabarkantha: Dholwani F.B., Parmar 24019 (BSJO)

Abutilon indicum (L.) Sweet. "*Kanski, Dabli*"

Sabarkantha: Modasa, Parmar 24033, Near Himmatnagar, Parmar 23603, Near Prantij, Parmar 22878 (BSJO).

***Abutilon pannosum** (G. Forst.) Schlecht. (= *A. glaucum* (Cav.) Sweet)

Abutilon ramosum (Cav.) Guill. & Perr.

Sabarkantha: Khedbrahma, S.S. Yadav 962 (SPU).

Gossypium barbadense L.

Sabarkantha: Vakatapur, Parmar 22712 (BSJO).

***Gossypium herbaceum** L.

***Hibiscus cannabinus** L.

Hibiscus caesius Garcke

Sabarkantha: Modasa, L.G. Sedgwick 1070 (GCA).

Hibiscus lobatus (Murray) Kuntze

Sabarkantha: Vakatapur, Parmar 19398 (BSJO); Shamlaji, S.S. Yadav 1825 (SPU).

Hibiscus micranthus L.f. [= *Bombyx micranthus* (L.f.) Riedl.] "*Chanak bhindo*"

Sabarkantha: Khedbrahma, S.S. Yadav 969 (SPU).

Hibiscus vitifolius L.

Sabarkantha: Khedbrahma, D.V. Yogi 2425 (SPU).

***Kydia calycina** Roxb.

***Pavonia burchellii** (DC.) R.A. Dyer [= *P. patens* (Andrews) Chiov.]

Pavonia zeylanica (L.) Cav.

Sabarkantha: Near Khedbrahma, Parmar 22824, Near Prantij, Parmar 22880, Near Modasa, Parmar 23571 (BSJO); Himmatnagar, D.V. Yogi 1658 (SPU).

Sida acuta Burm. f.

Sabarkantha: Vakatapur, Parmar 22701, Near Modasa, Parmar 23568 (BSJO).

Sida spinosa L. (= *S. alba* L.)

Sabarkantha: Khedbrahma, D.V. Yogi 1832 (SPU).

Sida cordata (Burm.f.) Borss. Waalk. "*Bhoyabala*"

Sabarkantha: Near Khedbrahma, Parmar 22825 (BSJO).

Sida cordifolia L.

Sabarkantha: Khedbrahma, D.V. Yogi 1472 (SPU).

Sida ovata Forssk.

Sabarkantha: Near Modasa, Parmar 22845 (BSJO).

Sida rhombifolia L.

Sabarkantha: Khedbrahma, G.V. Gopal 969 (SPU)

Thespesia lampus (Cav.) Dalzell [= *Azanza lampas* (Cav.) Alef.]

Sabarkantha: Vijainagar F.B., Parmar 22924 (BSJO).

Urena lobata L.

Sabarkantha: Khedbrahma, Parmar 23690 (BSJO).

MELIACEAE

*****Aglaia elacagnoides** (A. Juss.) Benth.

Sabarkantha: Vireshwar F.B., Parmar 23555, 23663 (BSJO).

Azadirachta indica A. Juss. "*Limdo, Neem*"

Sabarkantha: Near Khedbrahma, Parmar 23539 (BSJO).

***Melia azedarach** L. "*Bakam neem*"**Soyimida febrifuga** (Roxb.) A. Juss. "*Rohan, Rayan*"

Sabarkantha: Vadali F.B., Parmar 23561 (BSJO); Khedbrahma, S. S. Yadav 1090 (SPU).

MENISPERMACEAE

Cissampelos pareira L. var. **hirsuta** (Buch.-Ham. ex DC.) Forman

Sabarkantha: Idar, D. V. Yogi 2356 (SPU); Moti Posina, G. V. Gopal 674 (SPU).

Cocculus hirsutus (L.) Theob. "*Asan, Vevdi*"

Sabarkantha: Dholwani R.F., Parmar 22724, 23640; Near Shareneshwar, Parmar 22935 (BSJO).

Tinospora glabra (Brum.f.) Merr. (= *T. cordifolia* (Willd.) Miers ex Hook.f. & Thomson) "*Galo*"

Sabarkantha: Dholwani R.F., Parmar 22941; Vireshwar, Parmar 23657 (BSJO).

MENYANTHACEAE

Nymphoides cristata (Kuntze) Kuntze

Sabarkantha: Fatehpur, Parmar 24035 (BSJO).

***Nymphoides indica** (L.) Kuntze

MORACEAE

Ficus amplissima Sm.

Sabarkantha: Pal village, near Vijainagar., Parmar 22982, Khedbrahma, Parmar 23547, Meghraj, Parmar 24026 (BSJO).

Ficus benghalensis L. "*Vad, Vadlo*"

Sabarkantha: Near Modasa., Parmar 22846, Vanaj F.B., Parmar 23643 (BSJO).

Ficus drupacea Thunb. [= *F. drupacea* Thunb. var. *pubescens* (Roth) Corner]

Sabarkantha: Shareneshwar F.B., Parmar 22920 (BSJO).

Ficus exasperata** Vahl (= *Ficus asperrima* Roxb.)Ficus racemosa** L. (= *F. glomerata* Roxb.) "*Umrdo, Umbh*"**Ficus hispida** L.f.

Sabarkantha: Vijainagar, Parmar 22945 (BSJO).

Ficus racemosa L.

Sabarkantha: Dholwani F.B., Parmar 22903, Vijainagar, Parmar 22956 (BSJO).

Ficus virens** Aiton [= *F. infectoria* Roxb. var. *lambertiana* (Miq.) King]Ficus religiosa** L. "*Piplo, Pipal*"**Ficus rumphii** Blume

Sabarkantha: Polo F.B., dholwani, Parmar 23537 (BSJO).

Morus alba L.

Sabarkantha: Antrsuba medicinal garden, Dholwani, Parmar 23650 (BSJO).

***Streblus asper** Lour. "*Karvali*"

MORINGACEAE

Moringa oleifera Lam. "*Sargavo*"

Sabarkantha: Bayad, Parmar 23588 (BSJO).

MOLLUGINACEAE

***Gisekia pharnaceoides** L.**Glinus lotoides** L.

Sabarkantha : Isari, near Modasa, Parmar 24022 (BSJO).

***Glinus oppositifolius** (L.) A. DC.**Mollugo cerviana** (L.) Ser.

Sabarkantha; Dhandha, near Himmatnagar, Parmar 22764 (BSJO).

Mollugo nudicaulis Lam.

Sabarkantha : Near Shamlaji, Parmar 22782 (BSJO).

***Mollugo pentaphylla** L.

MYRTACEAE

Eucalyptus globulus** Willd.Psidium guajava** L.**Syzygium cumini** (L.) Skeels "*Jambu, Jambudo*"

Sabarkantha : Near Modasa, Parmar 23570 (BSJO).

Syzygium salicifolium (Wight) J. Graham [= *S. heyneanum* (Duthic) Gamble]

Sabarkantha : Vijainagar, Parmar 22961, Dholwani F.B., Parmar 23666 (BSJO); Khedbrahma, D. V. Yogi 1853 (SPU).

NYMPHAEACEAE

Nymphaea nouchali Burm.f. "*Poyna*",

Sabarkantha: Fatehpur, Parmar 24049 (BSJO).

Nymphaea pubescens Willd. "*Kumudani*"

Sabarkantha: Meghraj, Parmar 22858 (BSJO).

NELUMBONACEAE

Nelumbo nucifera Gaertn. "*Kamal*", "*Padamkamal*"

Sabarkantha: Maju dam, Parmar 23589 (BSJO).

NYCTAGINACEAE

Boerhavia diffusa L. "*Punarnava*"

Sabarkantha: Near Modasa, Parmar 22848 (BSJO).

Boerhavia erecta L.

Sabarkantha: Dhandha, near Himmatnagar, Parmar 22769, Near Khedbrahma, Parmar 22814 (BSJO).

Boerhavia helenae** Roem. & Schult. [= *Commicarpus helenae* (Roem. & Schult.) Meikle] "*Satodo*"Bougainvillea spectabilis** Wild.***Mirabilis jalapa** L.

OLEACEAE

***Jasminum sambac** (L.) Aiton

ONAGRACEAE

Ludwigia adscendens (L.) H. Hara

Sabarkantha : Khedbrahma, D. V. Yogi 1881 (SPU).

Ludwigia perennia L. (= *Jussiaea perennis* (L.) Brenan)

Sabarkantha : Near Modasa, Parmar 22834 (BSJO).

Ludwigia prostrata Roxb.

Sabarkantha: Near Vanaj, Parmar 23501 (BSJO).

ORCHIDACEAE

Vanda tessellata (Roxb.) Hook. ex G. Don

Sabarkantha: Vanaj F.B., Dholwani, Parmar 22940, 23644 (BSJO).

OXALIDACEAE

Biophytum sensitivum (L.) DC.

Sabarkantha: Khedbrahma, P.J. Parmar 22823 (BSJO).

Oxalis corniculata L. “*Changeri*,” “*Navari*”

Sabarkantha: Vanaj, Vijainagar, Parmar 23625, Dholwani F.B., Parmar 23507 (BSJO).

PANDANACEAE

***Pandanus odorifer** (Forssk.) Kuntze (= *P. odoratissimus* L.f.)

PAPAVERACEAE

Argemone mexicana L. “*Darudi*”

Sabarkantha: On the way to Talod, Parmar 22875, Shamlaji, Parmar 22989 (BSJO).

Argemone ochroleuca Sweet

Sabarkantha: Kotra village, Parmar 23552, Near Mordia, Parmar 24061 (BSJO).

PASSIFLORACRAE

***Passiflora foetida** L.

PEDALIACEAE

Martynia annua L.

Sabarkantha: Near Vakatapur, Parmar 22714 (BSJO).

Pedaliium murex L. “*Moto Gokhru*”

Sabarkantha: Near Shamlaji, Parmar 22781 (BSJO).

***Sesamum indicum** L.

PIPERACEAE

Piper retrofractum Vahl (= *Piper chaba* Hunter)

Sabarkantha: Antersuba medicinal garden, Parmar 22902 (BSJO).

Piper longum L.

Sabarkantha: Antersuba medicinal garden, Parmar 22747 (BSJO).

PLUMBAGINACEAE

Dyerophytum indicum (Gibbs. ex Wight) Kuntze

Sabarkantha: Dholwani F.B., Parmar 23669 (BSJO).

Plumbago zeylanica L. "*Chitrak, Chitro*"

Sabarkantha: Near Khedbrahma, Parmar 22803 (BSJO).

POACEAE

Acrachne racemosa (Heyne ex Roth) Ohwi "*Jaura*"

Sabarkantha: Dholwani F.B., Parmar 22914 (BSJO).

Alloteropsis cimicina (L.) Stapf

Sabarkantha: Bhiloda F.B., Parmar 22929 (BSJO).

Apluda mutica L. "*Bhangoru, Karedi*"

Sabarkantha: Near Khedbrahma, Parmar 22805 (BSJO).

Aristida adscensionis L. "*Uth lampdo*"

Sabarkantha: Raigarh F.B., Parmar 19391, Near Meghraj, Parmar 22867 (BSJO).

***Aristida funiculata** Trin. & Rupr. "*Lampdo, Safed khasli*"**Arthraxon lancifolius** (Trin.) Hochst.

Sabarkantha: Shareneshwar F.B., Parmar 22919, 22921 (BSJO).

Brachiaria eruciformis (Sm.) Griseb.

Sabarkantha: Khedbrahma, D.V. Yogi 2020 (SPU).

Brachiaria ramosa (L.) Stapf

Sabarkantha: Near Khedbrahma, Parmar 22797 (BSJO); Khedbrahma, D.V. Yogi 2019 (SPU).

Cenchrus biflorus Roxb. "*Moto dharamnu*"

Sabarkantha: Raigarh F.B., Parmar 19390 (BSJO).

Cenchrus ciliaris L. "*Dhaman, Anjan*"

Sabarkantha: Near Shamlaji, Parmar 22775 (BSJO).

Cenchrus pennisetiformis Steud.

Sabarkantha: Khedbrahma, D.V. Yogi 1522 (SPU).

Cenchrus setigerus** Vahl "*Dhramnu*"Chloris barbata** Sw. "*Mindadiu*"**Chloris radiata** (L.) Sw.

Sabarkantha: Dharod F.B., Vadali, Parmar 19341 (BSJO).

Chrysopogon zizanioides (L.) Roberty [= *Vetiveria zizanioides* (L.) Nash.]

Sabarkantha: Near Meghraj, Parmar 22859 (BSJO).

***Coix lacryma-jobi** L.**Cymbopogon caesius** (Hook.f. & Arn.) Stapf

Sabarkantha: Near Khedbrahma, Parmar 23546 (BSJO).

Cymbopogon jwarancusa (Jones) Schult. "*Gandharu*"**Cymbopogon martini** (Roxb.) W. Watson "*Rosha, Rosdo*"

Sabarkantha: Dharod F.B., Parmar 19337, 24003, Bhiloda F.B., Parmar 24003 (BSJO).

Cynodon dactylon (L.) Pers. "*Daro, Durva, Dub*"

Sabarkantha: Commonly grown in parls, also found as an escape from gardens.

Dactyloctenium scindicum Boiss. "*Gathio ghas*"

Sabarkantha: Raigarh F.B., Parmar 19388 (BSJO).

Dendrocalamus strictus (Roxb.) Nees "*Manvel vans*"

Sabarkantha: Vijainagar F.B., Parmar 22957 (BSJO).

Desmostachya bipinnata (L.) Stapf "*Dhab, Dabhd*"

Sabarkantha: Vadali F.B., Parmar 23562 (BSJO).

***Dichanthium annulatum** (Forssk.) Stapf "*Zinzvo, Rathedo*"

Dichanthium foveolatum (Delile) Roberty

Sabarkantha: Shamlaji, Parmar 22788 (BSJO).

Digitaria ciliaris (Retz.) Koeler "*Tarodiyu*" [= *D. adscendens* (Kunth) Henrard]

Sabarkantha: Raigarh F.B., Parmar 19392 (BSJO); Khedbrahma, D.V. Yogi 1533; Khedbrahma, D.V. Yogi 1533 (SPU).

***Digitaria setigera** Roth [= *D. microbachne* (C. Presl) Henrard] "*Hairakalio*"

* **Digitaria stricta** Roth

Dinebra retroflexa (Vahl) Panz. "*Khariu, Dhab*"

Sabarkantha: Bayad, river bed, Parmar 23584 (BSJO).

Echinochloa colona (L.) Link "*Samo, Jiriu*"

Sabarkantha: Near Gadhrashamlaji, Parmar 22831 (BSJO).

Echinochloa crus-galli (L.) P. Beauv.

Sabarkantha: Dharod F.B., Parmar 19330 (BSJO).

***Eleusine coracana** (L.) Gaertn.

***Eleusine indica** (L.) Gaertn.

***Elytrophorus spicatus** (Willd.) A. Camus

Eragrostiella bifaria (Vahl) Wight (= *Eragrostis bifaria* (Vahl) Wight)

Sabarkantha: Khedbrahma, D.V. Yogi 2551 (SPU).

Eragrostis ciliaris (L.) R. Br. (= *E. ciliaris* var. *brachystachya* Boiss.)

Sabarkantha: Raigarh F.B., Parmar 19393 (BSJO).

Eragrostis japonica (Thunb.) Trin.

Sabarkantha: Khedbrahma, D.V. Yogi 1579 (SPU).

Eragrostis tremula Hochst. ex Steud.

Sabarkantha: Raigarh F.B., Parmar 19389, Near Modasa, Parmar 22849 (BSJO).

Eriochloa fatmensis (Hochst. & Steud.) Clayton

Sabarkantha: Near Modasa, Parmar 22851 (BSJO).

***Hackelochloa granularis** (L.) Kuntze

Hemarthria compressa (L.f.) R. Br.

Sabarkantha: Khedbrahma, D.V. Yogi 1547 (SPU).

Heteropogon contortus (L.) P. Beauv. ex Roem. & Schult. "*Sukhli*"

Sabarkantha: Dharod F.B., Vadali, Parmar 19342 (BSJO).

Ischaemum goebelii Hack

Sabarkantha: Khedbrahma, D.V. Yogi (1971).

***Ischaemum barbatum** Retz. (= *I. rugosum* Salisb.)**Melanocenchris jacquemontii** Jaub. & Spach

Sabarkantha: Shamlaji, Parmar 22789 (BSJO); Khedbrahma, D.V. Yogi 1864 (SPU).

Oplismenus burmannii (Retz.) P. Beauv.

Sabarkantha: Dholwani F.B., Parmar 22911 (BSJO).

Oropetium thomaeum (L.f.) Trin.

Sabarkantha: Near Khedbrahma Parmar 22820 (BSJO).

Oryza nivara S.D. Sharma & Shastry

Sabarkantha: Near Modasa Parmar 22837 (BSJO).

***Oryza sativa** L.**Panicum maximum** Jacq.

Sabarkantha: Near Himmatnagar, Parmar 22897 (BSJO).

Panicum notatum Retz.

Sabarkantha: Dharod F.B., Vadali, Parmar 19346 (BSJO).

Panicum sumatrense Roth**Panicum turgidum** Forssk.***Paspalidium flavidum** (Retz.) A. Camus**Paspalidium geminatum** (Forssk.) Stapf

Sabarkantha: Bayad, river bed, Parmar 23586 (BSJO); Khedbrahma, D.V. Yogi 1871 (SPU).

Paspalum scrobiculatum** L.Pennisetum typhoides** (Burm.f.) Stapf. & C.E. Hubb.**Perotis hordeiformis** Nees ex Hook. & Arn.

Sabarkantha: Raigarh F.B., Parmar 19385 (BSJO).

Perotis indica** (L.) KuntzePhragmites karka** (Retz.) Trin. ex Steud.**Polypogon monspeliensis** (L.) Desf.

Sabarkantha: Vijainagar, Parmar 22950, Modasa, Parmar 24032 (BSJO); Khedbrahma, D.V. Yogi 2493 (SPU).

Saccharum spontaneum** L. "*Katusla*, *Katuhul*"Setaria glauca** (L.) P. Beauv.**Setaria intermedia** Roem. & Schult. (= *S. tomentosa* (Roxb.) Kunth

Sabarkantha: Dholwani F.B., Parmar 22901 (BSJO).

*****Sorghum arundinaceum** (Desv.) Stapf (= *S. verticilliflorum* (Steud.) Stapf)

Sabarkantha: Dharod F.B., Vadali, Parmar 19343 (BSJO).

Sorghum halepense (L.) Pers. "*Baru*"

Sabarkantha: Dharod F.B., Parmar 19343; Khedbrahma, Parmar 23695 (BSJO).

Sporobolus coromandelianus (Retz.) Kunth

Sabarkantha: Dhandha, near Himmatnagar, Parmar 22771 (BSJO).

Tetrapogon tenellus (Roxb.) Chiov.

Sabarkantha: Dholwani F.B., Parmar 22899 (BSJO).

Tetrapogon villosus Desf.

Sabarkantha: Khedbrahma, D.V. Yogi 1841 (SPU).

Themeda quadrivalvis (L.) Kuntze "*Bhatadi*"

Sabarkantha: Bhiloda F.B., Parmar 22930 (BSJO).

Tragus mongolorum Ohwi (= *T. roxburghii* Panigrahi)

Sabarkantha: Raigarh F.B., Parmar 19394 (BSJO).

POLYGALACEAE

Polygala arvensis Willd. (= *P. chinensis* non L.)

Sabarkantha : Posina, S. S. Yadav 1333 (SPU); Samlaji, S.S. Yadav 1332 (SPU); Khedbrahma, S.S. Yadav 1334 (SPU).

Polygala erioptera DC. "*Bhonyasan*"

Sabarkantha: Raigarh, Parmar 19379 (BSJO).

POLYGONACEAE

Emex spinosa (L.) Campd.

Sabarkantha: Mordia, Parmar 24056 (BSJO).

Persicaria barbata (L.) H. Hara

Sabarkantha: Near Vanaj, Parmar 23509 (BSJO).

***Persicaria barbata** (L.) H. Hara var. *gracilis* (Danser) H. Hara**Polygonum plebeium** R. Br.

Sabarkantha: Fatehpur, Parmar 24037 (BSJO).

Polygonum plebeium R. Br. var. **indica** (Heyne ex Roth) Hook.f.

Sabarkantha: Near Vijainagar, Parmar 22977 (BSJO).

PONTEDERIACEAE

Monochoria vaginalis (Burm.f.) C. Presl

Sabarkantha: Near Modasa, Parmar 22835 (BSJO).

PORTULACACEAE

Portulaca grandiflora Hook.

Sabarkantha: Khedbrahma: D.V. Yogi 2025 (SPU).

Portulaca oleracea L. "*Ghol, Moti luni*"

Sabarkantha: Near Khedbrahma, Parmar 22822 (BSJO).

***Portulaca quadrifida** L. "*Luni*"

POTAMOGETONACEAE

Potamogeton crispus L.

Sabarkantha: Near Idar, Parmar 23563 (BSJO).

Potamogeton nodosus Poir.

Sabarkantha: Fatehpur, Parmar 24046 (BSJO).

PRIMULACEAE

Anagalis arvensis L.

Sabarkantha: Prantij, Parmar 23605, Dharoi road side, Parmar 24005, Dev ni Mori, Parmar 24015 (BSJO).

Anagalis arvensis L. var. **caerulea** (L.) Gren. & Gouan.

Sabarkantha: Khedbrahma, D.V. Yogi 2538 (SPU).

RANUNCULACEAE

Ranunculus scleratus L.

Sabarkantha: Prantij, W.T. Saxton 2921 (GCA).

RHAMNACEAE

Ventilago denticulata Willd.

Sabarkantha: Vijainagar F.B., Parmar 22960 (BSJO).

Ziziphus mauritiana Lam.

Sabarkantha: Near Shamlaji, Parmar 22779 (BSJO).

Ziziphus nummularia (Burm.f.) Wight & Arn. "*Chania bor, Bordi*"

Sabarkantha: Dharmalo, Parmar 22716 (BSJO).

Ziziphus oenoplia (L.) Mill. "*Gathbor*"

Sabarkantha: Dharod F.B., Parmar 19302, Near Modasa, Parmar 23572 (BSJO).

***Ziziphus xylopyra** (Retz.) Willd. "*Gathbor, Kharki bor*"

RUBIACEAE

Catunaregam spinosa (Thunb.) Tirveng. (= *Xeromphis spinosa* (Thunb.) Keay) "*Mindhal*"

Sabarkantha : Mesva dam, near Shamlaji, Parmar 23615 A (BSJO).

Cericoides turgida (Roxb.) Triveng. (= *Gardenia turgida* Roxb.)

Sabarkantha: Vamanvad, Parmar 24053 (BSJO).

***Dentella repens** (L.) J. R. Forst. & G. Forst.

(DC.) Deb. & R.M. Dutta]

Ixora pavetta Abdr. (= *I. arborea* Roxb. ex Sm.)

Sabarkantha : Vireshwar F.B., Parmar 23556, Dholwani F.B., Parmar 23649, Dev ni Mori, near Shamlaji, Parmar 24017 (BSJO).

***Kohautia aspera** (B. Heyne ex Roth) Bremek. [= *Oldenlandia aspera* (B. Heyne ex Roth) DC.)**Meyna laxiflora** Robyns

Sabarkantha : Near Ghadi, Talod, Parmar 22893 (BSJO).

Mitragyna parviflora (Roxb.) Korth. "*Kalam*"

Sabarkantha : Dharod F.B., Vadali, Parmar 22705, Vanaj, Vijainagar, Parmar 23632 (BSJO).

Morinda pubescens Sm. "*Aledi*"

Sabarkantha : Dharod F.B., Vadali, Parmar 19312, near Khedbrahma, Parmar 23540 (BSJO).

Oldenlandia corymbosa L. (= *Hedyotis corymbosa* (L.) Lam.)

Sabarkantha : Dhanda, near Himmatnagar, Parmar 22770 (BSJO).

***Oldenlandia corymbosa** L. var. **linearis** (DC.) Verdc. [= *Hedyotis corymbosa* (L.) Lam. var. *linearis*

Oldenlandia umbellata L. [= *Hedyotis puberula* (G. Don) Arn.]

Sabarkantha : Dhanda, near Himmatnagar, Parmar 22764 (BSJO).

Spermacece articularis L.f. (= *Borreria articularis* (L.f.) F.N. Williams)

Sabarkantha : Dharod F.B., Vadali, Parmar 19336, Raigarh, Parmar 19384 (BSJO).

Spermacece pusilla Wall. [= *Borreria pusilla* (Wall.) DC.]

Sabarkantha : Near Khedbrahma, Parmar 22799 (BSJO).

Spermadictyon suaveolens Roxb.

Sabarkantha: Idar, R.P. Bhatt 2524 (BARO).

Tamilandia ulginosa (Retz.) Tirveng. & Sastre [= *Catunaregam ulginosa* (Retz.) Sivar.

Sabarkantha : Vadali F.B., Parmar 23560 (BSJO).

RUTACEAE

Aegle marmelos (L.) Correa “Billi, Bel”

Sabarkantha: Near Khedbrahma Parmar 23543 (BSJO).

Limonia acidissima L. “*Koyhi, Katori, Kothu, Kotha*”

Sabarkantha: Raigarh, Parmar 19352, Gadhrasamlaji, Parmar 23519 (BSJO).

Murraya koenigii (L.) Spreng. “*Mitho limdo*”

Sabarkantha: Near Modasa, Parmar 23573 (BSJO).

SALICACEAE

Salix tetrasperma Roxb.

Sabarkantha: Khedbrahma, D.V. Yogi 2420, 2503 (SPU).

SALVADORACEAE

Azima tetraantha Lam.

Sabarkantha: Near Ujadia, Parmar 23609 (BSJO).

Salvadora persica L. “*Piludi*”

Sabarkantha: Gadhrashamlaji, Parmar 23515 (BSJO).

SANTALACEAE

Santalum album L.

Sabarkantha: Antrasuba medicinal garden, Parmar 22905 (BSJO).

SAPINDACEAE

Cardiospermum halicacabum L. “*Karoliyo, Kapalphodi, “Tejovati*”

Sabarkantha: Shareneshwar F.B., Parmar 22916, Netrawali, Parmar 22733 (BSJO).

Sapindus laurifolius Vahl

Sabarkantha : Shamalaji, S. S. Yadav 1496 (SPU).

SAPOTACEAE

Madhuca longifolia (J. Konig ex L.) J. F. Macbr. var. **latifolia** (Roxb.) A. Cher. (= *M. indica* J.F. Gmel.) “*Madhudo*”

Sabarkantha: Vijainagar F.B., Parmar 22970, Vanaj, Parmar 23514, 23638 (BSJO).

Manilkara hexandra (Roxb.) Dubard "*Rayan*"

Sabarkantha: Bhiloda F.B., Parmar 22927, Shamlaji, Parmar 22988 (BSJO).

***Mimusops elengi** L. *Khirini, Ranimeva*"

SCROPHULARIACEAE

Bacopa monnieri (L.) Wettst. "*Bam, Jalnrveri*"

Sabarkantha: Dhandha, near Himmatnagar, Parmar 22763, Vijainagar, Parmar 22949 (BSJO); Himmatnagar, R.P. Bhatt 68 (BARO).

****Bonnaya veronicifolia** (Retz.) Spreng.

***Dopatrium junceum** (Roxb.) Buch.- Ham. ex Benth.

***Kickxia incana** (Wall.) Pennell

Limnophila indica (L.) Druce

Sabarkantha: Near vanaj, Parmar 22996 (BSJO); Khedbrahma, R.P. Bhatt 1671 (BARO);

Lindenbergia indica Vatke

Sabarkantha: Dhandha, near Himmatnagar, Parmar 22767, Near Shamlaji, Parmar, 22783, Dholwani, Parmar 23654 (BSJO).

Lindernia ciliata (Colsm.) Pennell

Sabarkantha: Raigarh F.B., Parmar 19365 (BSJO).

Lindernia crustacea (L.) F. Muell.

Sabarkantha: Raigarh F.B., Parmar 19368, Near Vanaj, Parmar 23510 (BSJO).

***Lindernia oppositifolia** (L.) Mukerjee

Lindernia parviflora (Roxb.) Haines

Sabarkantha: Fatehpur, Parmar 24038 (BSJO).

***Peplidium humifusum** Delile

Sopubia delphiniifolia (L.) G. Don

Sabarkantha: Khedbrahma, R.P. Bhatt 455 (BARO); Idar, D.V. Yogi 1447 (SPU).

***Stemodia viscosa** Roxb.

Striga angustifolia (D. Don) C.J. Saldhana

Sabarkantha: Near Shamlaji, Parmar 22784 (BSJO).

Verbascum chinense (L.) Santapau

Sabarkantha: Near Vijainagar, Parmar 22794, Gadhrashamlaji, Parmar 23521, 23700 (BSJO).

****Veronica anagallis** L.

SIMAROUBACEAE

***Ailanthus excelsa** Roxb. "*Aduso, Rukhdo, Moto arduso*"

SOLANACEAE

Datura inoxia Mill. "*Dhaturo*"

Sabarkantha: Near Prantij, Parmar 22879 (BSJO).

Datura stramonium L.

Sabarkantha: Near Vadali, Parmar 22728 (BSJO).

Physalis angulata L. (= *P. minima* L.) “*Popti*”

Sabarkantha: Raigarh, Parmar 22755 (BSJO).

Physalis virginiana Mill. var. **sonorue** (Torr.) Water f. (= *P. longifolia* Nutt.)

Sabarkantha: Raigarh, Parmar 22758 (BSJO).

***Solanum americanum** Mill. (= *S. nigrum* L.)**Solanum anguivi** Lam. (= *S. indicum* auct non L.)

Sabarkantha: Dharod, near Vadali, Parmar 19347 (BSJO).

Solanum incanum L. “*Ubhi ringdi*”

Sabarkantha: Bankhor village, Parmar 23613 (BSJO).

***Solanum melongena** L.**Solanum purpureilineatum** Sabnis & Bhatt.

Sabarkantha : Danmahudi- Sabarmati river bank , R.G. Bhatt 1518 (BARO); Khedbrahma on way to Padhara, R. G. Bhatt 2586 (BARO).

Solanum rudepannum Dunal (= *S. torvum* Sw.)

Sabarkantha: Dholwani F.B., Parmar 22748 (BSJO).

Solanum virginianum L. (= *S. surrattense* Burm.f.; *S. xanthocarpum* Schrad. & H. Wendr.) “*Bhoyringani*”

Sabarkantha: Near Vadali, Parmar 22727, Himmatnagar, Parmar 23598 (BSJO).

Withania somnifera (L.) Dunal “*Ashvagandha*”

Sabarkantha: Himmatnagar, Parmar 23600 (BSJO).

STERCULIACEAE

Helicteres isora L. “*Mardasingi*”

Sabarkantha: Dholwani F.B., Parmar 22907 (BSJO); Modasa, W.T. Saxton 1083 (GCA).

***Melhania futteyporensis** Munro ex Mast.**Melhania hamiltoniana** Wall.

Sabarkantha: Idar, S.D. Sabnis SB-782,783,784,785 (BARO).

Melochia corchorifolia L.

Sabarkantha: Dholwani F.B., Parmar 22735, Modasa, Parmar 22832 (BSJO).

Sterculia urens Roxb. “*Kadayo, Kadai*”

Sabarkantha: Modasa, L.G. Sedgwick 352 (GCA); also noted near Vireshwar & Shamlaji F.B.

Waltheria indica L.

Sabarkantha: Dhandha, near Himmatnagar, Parmar 22765, Near Modasa, Parmar 22842 (BSJO); Himmatnagar, D.V. Yogi 1652 (SPU).

TAMARICACEAE

***Tamarix dioica** Roxb. ex Roth**Tamarix ericoides** Rottler ex Willd.

Sabarkantha : Posina, S. S. Yadav 1104 (SPU); Khedbrahma, D. V. Yogi 1860 (SPU); Khedbrahma, R. Bhatt 2286 (BARO).

TILIACEAE

Corchorus aestuans L.

Sabarkantha : Raigarh, Parmar 10354 (BSJO); Posina, S.S. Yadav 624 (SPU).

***Corchorus fascicularis** Lam.**Corchorus olitorius** L.

Sabarkantha: Raigarh F.B., Parmar 22761 (BSJO)

Corchorus tridens L.

Sabarkantha : Near Modasa, Parmar 22841 (BSJO); Vijaynagar, G. L. Shah 14761 (SPU).

Corchorus trilocularis** L. "*Kadavi chenchadi*"Grewia asiatica** L. (= *G. subinequalis* DC.) "*Phalsa*"***Grewia damine** Gaertn.***Grewia hirsuta** Vahl "*Khad-Dhomni*"**Grewia flavescens** Juss.

Sabarkantha : Bhiloda F.B., Parmar 22928 (BSJO); Khedbrahma, S. S. Yadav 622 (SPU).

Grewia tenax (Forssk.) Fiori "*Gangati*"

Khedbrahma, D.V. Yogi 1997 (SPU).

***Grewia tiliifolia** Vahl**Grewia villosa** Willd.

Sabarkantha : Khedbrahma, S. S. Yadav 623 (SPU).

Triumfetta malebarica J. Konig ex Rottb. (= *T. rotundifolia* Lam.)

Sabarkantha: Near Khedbrahma, Parmar 22830 (BSJO).

Triumfetta pentandra A. Rich. "*Zipto*"

Sabarkantha: Dharod F.B., Vadali, Parmar 19323 (BSJO); Khedbrahma, D. V. Yogi 1519 (SPU).

Triumfetta rhomboidea Jacq.

Sabarkantha : Vijainagar, S. S. Yadav 608 (SPU).

TRAPACEAE

Trapa natana L. var. **bispinosa** (Roxb.) Makino "*Singoda*"

Sabarkantha : Idar tank, Parmar 22730 (BSJO).

TYPHACEAE

Typha domingensis Pers. (= *T. angustata* Borry & Chaub.)

Sabarkantha: Bayad river, Parmar 23579, Dharoi road side, Parmar 24004 (BSJO).

ULMACEAE

Holoptelea integrifolia Planch. "*Kanji, Bondaro, Papadi*"

Sabarkantha: Vanaj F.B., Vijainagar, Parmar 22965, 23646 (BSJO).

URTICACEAE

***Pouzolzia zeylanica** (L.) Benn. & R.Br.

VERBENACEAE

Clerodendrum inerme (L.) Gaertn.

Sabarkantha: Dholwani F.B., Parmar 22936 (BSJO).

Clerodendrum phlomidis L.f. (= *C. multiflorum* (Burm.f.) Kuntze) "*Vanvai*"

Sabarkantha: Bhiloda F.B., *Parmar* 22926 (BSJO).

Gmelina arborea Roxb. "*Sivan, Sevan*"

Sabarkantha: Khedbrahma, *Parmar* 23685 (BSJO).

Lantana camara L. "*Dhani-daria*"

Sabarkantha: Near Talod, *Parmar* 22892, Near Shamlaji, *Parmar* 22990, Near Modasa, *Parmar* 24062 (BSJO).

***Nyctanthes arbor-tristis** L. "*Parijatak*"**Phyla nodiflora** (L.) Greene

Sabarkantha: Raigarh, *Parmar* 23618, Fatehpur, *Parmar* 24041 (BSJO).

Tectona grandis L.f. "*Sag, Sagvan*"

Sabarkantha: Raigarh F.B., *Parmar* 19373 (BSJO).

Vitex negundo L. "*Nagod*"

Sabarkantha: Dholwani F.B., *Parmar* 22742, Vanaj, Vijainagar, *Parmar* 22963, Khedbrahma, *Parmar* 23681 (BSJO).

VAHLIACEAE

***Vahlia digyna** (Retz.) Kuntze

VIOLACEAE

Hybanthus enneaspermus (L.) F. Muell.

Sabarkantha : Vakatapur, *Parmar* 19397 (BSJO); Idar, D. V. Yogi 2329 (SPU); Khedbrahma, D.V. Yogi 1986 (SPU); Posina, S.S. Yadav 1392 (SPU).

Viola cinerea Boiss. var. **stocksii** (Boiss.) W. Becker

Sabarkantha : On hills, near Samlaji, D. V. Yogi 989 (SPU).

VITACEAE

Ampelocissus latifolia (Roxb.) Planch. "*Jangli angoor*"

Sabarkantha: Dharod F.B., *Parmar* 19311 (BSJO).

Cayratia trifolia (L.) Domin [= *C. carnosa* (Lam.) Gagnep.] "*Khat khatumbo*"

Sabarkantha: Raigarh F.B., *Parmar* 19356 (BSJO).

ZANNICHELLIACEAE

Zannichellia palustris L.

Sabarkantha: Sabarmati river, near Kotda, *Parmar* 23551 (BSJO).

ZYGOPHYLLACEAE

Tribulus terrestris L. "*Gokhru*"

Sabarkantha: Raigarh, *Parmar* 19383 (BSJO).

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