

CHECKLIST OF FLORA OF MELGHAT

(Taxa arranged as per APG IV System)

**Prabha Y. Bhogaonkar
Pankaj A. Dhole**



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Foreword

Melghat forests are always fascinating due to the undulating landscape and variety of flora and fauna. It attracts many students and research scholars of the Botany to study the variety of flora. It also attracts lot of tourists to visit Melghat Tiger Reserve. I feel very happy while congratulating Dr Prabha Bhogaonkar and her student Dr Pankaj Dhole for publication of the checklist for the Melghat flora, that too, taking recent taxonomic developments into consideration.

I hope this sincere work by the authors will be helpful to the forest staff and students of Botany for their studies.

I heartily congratulate the authors and wish all the best for future work.



(सुधीर मुंगांटीवार)

कार्यालय - ५०२ (मुंगांटीवार), मंत्रालय, हुतात्मा राजगुरु चौक, माधाम कामा रस्ता मुंबई ४०० ०३२ फॉन्स ०२२ २२८४३६४७/३७

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Preface

Study of plant science is an integrated part of ancient Indian culture. We mostly know only about medicinal plant science which comprises most of the part of Ayurveda. However, other branches of plant science were also developed by Indian scholars. Period of ‘Vrksayurveda’ by Parashara dates back to 3rd – 4th century A.D. Here plant morphology, classification, ecology, plant geography, histology (of leaf only) and physiology are studied. Surpala has written ‘Vrikshayurveda’ (12 century A.D.) which deals with several aspects of “arbori-science” such as importance of trees, soil, propagation, nourishment, tree diseases and their treatments etc. Sarangdhara’s ‘Sarangdharpadati’ (13th century A.D.) has a chapter ‘Upavanvinoda’ which deals with “ arbori-horticulture”. However, till date no script has been discovered that gives floristic documentation of that time. Hence, it is considered that floristic documentation in India started with Europeans visiting the country.

Vegetation of any region is not static. Microclimatic changes and also the biotic factors affect the vegetation. Some species migrate in to the region while some get wiped out. This simply means that floristic composition is a dynamic component of nature. Checklists are the documents reflecting this dynamism. Several checklists have been published. Some deal with state floras, some with district floras, while some with specific areas like sanctuaries, national parks and sacred groves. Certain checklists are more specific dealing with only tree species, endemic species or certain families like orchids.

Melghat is a unique ecological niche. Situated in hot belt of Maharashtra-Vidarbha - it harbours some special pockets where till 1963 frost formation was experienced as regular feature. Over the period many changes in vegetation are expected. Floristic documentation of Melghat started with administration of Melghat Forests being transferred to Britishers by Nizam of Hyderabad. Mostly the angiosperms have been studied. However, some efforts are also made to document the biodiversity of lower plants; especially bryophytes, ferns and mushrooms. There is a need to review all the past floristic documents.

Prabha Y. Bhogaonkar

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They also thank Dr. Dinesh Khedkar, Associate Professor in Botany, Shri Shivaji Science College, Amravati, for his help in proof checking and page setting.

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INTRODUCTION

First detailed account of the flora of Melghat was published by Patel in 1968, who himself was a forest officer. It is clear from the ‘Foreword’ by Santapau that the work was actually completed in 1960. Classically, every 20 years the area should be surveyed to understand the changing pattern of vegetation. After a period of 26 years Dhore studied the flora of Amravati District – including Melghat- in 1986 (Ph.D. Thesis), which was published in 2002 in the form of a book. Part of it was published earlier in 1988, giving an account of the vegetation of Melghat Tiger Reserve. Later on BSI and some botanists individually continued the floristic survey, adding to the known list of Angiosperm species of the area. For the students of Botany and also for the Forest Department there is a need to have a consolidate checklist of Melghat flora.

Over the years great changes have taken place in classification and circumscription of Angiosperm taxa in the light of vast data accumulated including molecular one. Efforts of 29 botanists world over, resulted in new system of classification, that came to be known as ‘APG 1998’. An updated version APG II came in 2003. To fill further gaps in APG II and to develop a much more stabilized classification, updated version APG III was published in 2009. With minimal required changes APG IV was published in 2016. As far as families present in Melghat are concerned, there is no change in sequence from APG III.

After discussions held at Royal Botanic Gardens, Kew, family names Compositae and Leguminosae are formally endorsed in APG IV. It is interesting to note that APG like that of Bentham and Hooker’s system considered Faboideae, Caesalpinoideae and Mimosoideae as sub families of Leguminosae.

In present checklist families are arranged as per APG IV system. Genera and species are arranged alphabetically. Author citation and binomial nomenclature of the species is verified with International Plant Name Index

(IPNI), The Plant List – Version 1.1. Valid names are followed by synonyms. In case, if old name is not accepted even as synonym, still it is mentioned to connect the valid name with previous floras of Melghat or the regional floras. Wherever available, local names (Hindi, Marathi, Gondi, Korku etc.) are given after synonyms. Also, the habit, flowering period, occurrence and localities are mentioned. Patel (1968) and Londhe et al (2002) have not given localities of some species; hence here also they are not mentioned. On the other hand Londhe et al has given ‘Umarkhed’ as locality of some, however, there is no such village in Melghat. But there is a village named ‘Upatkhed’; considering that it might be a spelling mistake, those species are enlisted here at the end separately. Authors of this checklist have collected some species from Melghat, but have not published the report. These are also given in the Annexure. Few decades back woods of many species were used for various purposes. These uses are forgotten now. They are noted in the checklist. However, this is not a utilitarian list. Crop plants (except few traditional ones, which are cultivated on very small scale), seasonal ornamentals and hedge plants (like *Duranta repens*, *Lawsonia inermis*, *Dodonea viscosa* etc.) are excluded from the list (hedge plants are changing as per current trends). Plants and families reported by Witt and Patel, but not seen by later workers are also included (marked by an asteric). This is to emphasize the fact that these can be reintroduced (which were once the part of original vegetation) to enrich the present Melghat biodiversity.

The checklist enlists 117 families, 547 genera and 1008 species. Including the 16 species observed by Bhogaonkar (not published) and 6 species by Londhe et al 2002 (of uncertain locality) the no. becomes 1030. The largest family of the region is Leguminosae (139 sp), followed by Poaceae (111 sp), Compositae (69 sp), Malvaceae (50 sp), Cyperaceae (43 sp) and Acantheceae (40 sp).

This updated enumeration will definitely help the students of taxonomy and also forest department. It is important to note that institutes like BSI Kolkata have also started rearranging student herbaria as per APG III system, so that students should get conversant with new phylogenetic system.

ABOUT MELGHAT

Melghat forests were once under the control of Nizam of Hyderabad. Melghat taluk along with rest of the Berar came under British rule in 1853 by assignation from the Nizam of Hyderabad. At that time there was no forest administration in the tract and it was populated by aboriginal Korkus living in numerous scattered villages. Principal means of livelihood of korkus was shifting cultivation ‘Dahya’ i.e. by clearing the ground with fire, and selling timber and bamboos in plain areas.

Soon after Berar came under British rule, importance of Melghat forests began to be realized. In 1855 existence of Teak in hills was reported. In 1858 Commissioner of Berar ordered to select teak trees for conservation. By 1862 over 12,900 trees were selected within the limits of 14 villages that now comprises Semadoh range and part of Raipur range. In 1860 Govt. of India asked to frame the forest rules to conserve teak forests. During 1862-63 Col. Peterson inspected the forests and in 1867 Capt. Mackenzie, Asstt. Commissioner of Melghat demarcated 1100.74 sq. km. area for reservation, which now forms major part of Bairagadh Reserve. Col. Peterson and Capt. Mackenzie’s efforts resulted in appointing Mr. Ballantyne – a fresh graduate from Edinburgh School of Forestry – for teak plantation. He joined in Oct. 1868.

In 1871 Berar Forest rules were published. In 1876 – 77 area of Gugamal reserve was demarcated. All demarcated areas were given protection from fire. In 1886 Berar forest law was passed. Bairagadh, Gugamal and Chikhaldara reserves were constituted as State Forests of Class ‘A’. In 1903 Nizam of Hyderabad leased Berar to Govt. of India, thus Melghat Forests came under the control of Central Province. From time to time working plans were prepared for Melghat Forests. The forests thus continued to enjoy the special status. It got the honor of becoming one of the nine Tiger Habitats initially selected in the country during 1973 for launching ‘Project Tiger’ scheme.

Conservancy and ecology of Meghat has resulted in rich biodiversity of forests. Average rainfall is usually higher on the main ridge of Gawilgadh, which amounts to about 1784 mm in Chikhaldara. Certain valleys receive up

to 2500 mm rainfall in a year. Highest rainfall – 2845 mm – was recorded in 1887 at Chikhaldara. Melghat valleys become very cold in Dec. – Jan. when temperature drops to freezing point. Last frost was experienced in 1967. In 2003 also light frost was experienced in certain valleys. Administration reports for 1875 – 76 clearly state “ since fire conservancy has commenced, a complete change appears to have taken place in the climate of Bairagadh reserve. Before the forests were protected, frosts were hardly ever heard of; now they are of annual occurrence”.

Some of the cliffs and valleys remain cool and moist throughout the year, since they are never exposed to sunlight. This type of ecology is expected to harbour definitely rich and unique biodiversity. The oldest record having mention of an interesting herb is in ‘Ain - I – Akbari’ written by Abul Fazal – a Akbar’s courtian. He has written “a flower, violet in colour is found here and is very fragrant. It is called ‘Bhupan Champa’ and grows near the ground”. This was later identified as **Kaempferia rotunda** Linn.; which now exists only in cultivation.

Britishers anticipated great future for tea and coffee gardens in Chikhaldara. No tea garden exixts to-day ; however, a small coffee garden still exists on the upper plateau and in the yard of Roman Catholic church. Plantations were not taken on large scale due to scarcity of water. But now if rain water harvesting methods are adopted, coffee plantations can be established on larger scale. Coffee grown here is of very good quality.

In 1863 – 64 Col. Peterson, the then Conservator of Forests of Central Provinces prepared a report that contains existant description of Melghat forests. In 1887 Van Someron published a ‘List of Trees in Melghat Forests’; wherein he reported 110 tree species. In 1892 Mr. F. B. Dickinson prepared a list for Berar Circle. This list had been added to and revised by Mr. Ballantine, but for some reason or the other was never published. In 1906 Hole prepared ‘A list of Trees, Shrubs and Climbers found in The Northern Circle of Central Provience’. This was followed by ‘List of Trees, Shrubs and Climbers and Other Plants of Economic Importance found in the Berar Circle of Central Provience’ published by Witt (1908). In 1916 Witt listed the occurrence of

353 species from Northern and Berar Forest Circles; out of these 98 species are from Melghat. In 1925 R. A. Wilson, the then Deputy Commissioner, Amravati published a note on Chikhaldara wherein flora and fauna also were enlisted. He listed 118 plant species commonly occurring in Chikhaldara. After a long gap of 62 years in 1968 Patel published the Forest Flora Of Melghat. Work was continued by later botanists.

Considering the climate, topography and history of reservation status of Melghat, many more species are expected to be added to the existing list. Floristic studies of Melghat are far from complete. Further work needs to be carried out in following directions.

- Core areas and difficult terrains need exhaustive re-explorations.
- Population studies needed to know variations, since these are the indications of future evolutionary lines.
- Eco-floristic studies with reference to small but special ecological niches should be taken.
- Species which were once part of the local flora need reintroduction to establish the original biodiversity.
- Certain species which were common in past have become rare; they need protection. (It has been observed by Dr. S. H. Patil that *Litsea glutinosa* which was common few years back has become rare today due to over exploitation).
- Those species which are enlisted in Red Data Book of Maharashtra should be given attention from conservation and propagation point of view.
- Species of rare occurrence need special attention.

CHECKLIST : FLORA OF MELGHAT

All Indian floras till date follow Bentham and Hooker's family sequence. Present checklist however, is according to the most recent system i.e. APG IV. For the ease of reference salient features of APG IV are enumerated below in short.

1. There is no division of Angiosperms into Dicots and Monocots.
2. Though family sequence is changed – since, this is phylogenetic system – circumscriptions of most of the families (as far as Melghat flora is concerned) remain same.
3. Some of the families are split, some are merged, while some new families are created.
 - A) Capparaceae are split into Capparaceae and Cleomaceae; Scrophulariaceae into Linderniaceae and Plantagiaceae; Euphorbiaceae into Euphorbiaceae, Phyllanthaceae and Putranjivaceae; Zingiberaceae into Zingiberaceae and Costaceae.
 - B) Cochlospermaeae are merged in Bixaceae; Flacourtiaceae in Salicaceae; Bombacaceae, Steruliaceae and Tiliaceae in Malvaceae; Balanitaceae in Zygophyllaceae; Leeaceae in Vitaceae; Lobeliaceae in Campanulaceae; Myrsinaceae in Primulaceae; Asclepiadaceae and Periplochaceae in Apocynaceae; Erhetiaceae in Boraginaceae; Cusutaceae in Convolvulaceae; Chenopodiaceae in Amaranthaceae; Taccaceae in Dioscoreaceae; Agavaceae and Liliaceae in Asparagaceae (Asparagaceae is a new family).
 - C) New families Colchicaceae (*Gloriosa* and *Iphigenia*), Hyrdoleaceae (*Hydrolea*), Opiliaceae (*Cansjeria*) and Phrymaceae (*Glossostigma*) are created.
4. Some of the genera are shifted from one family to other.

PIPERACEAE

Peperomia pellucida (L.) Kunth., Nov. Gen. Sp. 1:64. 1816. Syn. *Piper pellucidum* L.

Small herb. Flr.: Sep. - Oct. Rare. Collected only from moist shady places near old rest house at Kolkaz.

*MAGNOLIACEAE

***Magnolia champaca** (L.) Baill. ex Pierre., Fl. Forest. Cochinch. t. 3. 1880. ‘Champa, Kud- champa’. Tree. Flr.: Apr. - Sep. Was planted in garden; wood used for furniture.

ANNONACEAE

Annona squamosa L., Sp. Pl. 537. 1753. ‘Sharifa, Sitafal’. Small tree. Flr.: May - July. Wild as well as cultivated for fruits.

Artobotrys hexapetalus (L.f.) Bhandari., Baileya 12:149. 1964. Syn. *A. uncinatus* (Lamk.) Meer., *A. odoratissimus* R. Br., ‘Hirva chapha’. Straggling shrub. Flr.: Feb. - July. Rare. Cultivated in gardens.

Miliusa tomentosa (Roxb.) Sinclair., Gardn. Bull. 14:378. 1955. Syn. *Uvaria tomentosa* Roxb. *Saccopetalum tomentosum* Hook f. ‘Kirua, Karri, Thoska, Homba (Korku)’. Tree. Flr.: May- June. Common throughout.

***Miliusa velutina** (A. DC.) Hook.f. & Thomson., Fl. Ind. 1:151. 1855. ‘Dom-sal, Karai, Kari’. Tree. Flr. Mar. - May. Rare. Was found along Betul border. Wood used for agricultural equipments.

Polyalthia longifolia (Sonn.) Thwaites., Enum. Pl. Zeyl. 398. 1864. Syn. *Uvaria longifolia* Sonn. ‘Ashok , Dedbari’. Cultivated as avenue tree. Flr.: Feb.- April

LAURACEAE

Litsea glutinosa (Lour.) C.B. Rob., Phillip. Jour. Sc. Bot. 6:321. 1911 Syn. *Litsea sebifera* Pers. ‘Lenja; Maidalakadi (Korku)’. Small evergreen tree. Flr.: June- July. Occasional in Chikhaldara range and Koktu locality along

stream banks and in valleys (Reported as common by Patel but now has become rare in Melghat).

***Litsea monopetala** (Roxb.) Pers. Syn. Pl. 2:4. 1806. Syn. *Litsea polyantha* Juss., *Teranthera monopetala* Roxb. ‘Kjera (Gondi); Lenja (Korku)’. Small evergreen tree. Flr.: Mar. - May. Was reported as rare; found along streams in Semadoh region.

ARACEAE

Amorphophallus bulbifer (Roxb.) Blume., Rumph. 1:148.1837.
Rhizomatous herb. Flr.: Feb.- Apr. Common; in moist shady places at Chikhaldara.

Amorphophallus commutatus (Schott) Engl., Monogr. Phan. 2:319. 1879.
Rhizomatous herb. Flr.: Feb.- Mar. Common in moist shady places at Chikhaldara.

Amorphophallus paeoniifolius (Dennst.) Nicolson., Taxon 26:337. 1977.
Syn. *Amorphophallus paeoniifolius* var. *campanulatus* (Decne.) Sivad.
Rhizomatous herb. Flr. Jun.-Sep. Rare; Tarubanda

Ariopsis peltata Nimmo, Cat. Pl. Bombay 252. 1839. Herb. Rare; Makhala plateau, was found to grow on trunks of *Ficus racemosa*

Arisaema leschenaultii Blume., Rumphia 1: 93 1836. Herb. Rare; on road side moist places at higher elevations. (Identification of the species is only tentative, based on vegetative characters. It can be confirmed only if inflorescence could be collected).

Arisaema murrayi Hook., Bot. Mag. 74:4388. 1848. ‘Khadar (Korku)’. Herb. Flr.: Aug. - Sep. Common at certain spots only; especially on hill slopes in dense forests.

Colocasia esculenta (L.) Schott, Melet. Bot. 18. 1832. Syn. *Colocasia esculenta* var. *antiquorum* (Schott) F.T.Hubb. & Rehder. ‘Alu, Chmkora, Pothi’. Herb. Flr.: Jul.- Nov. Common in moist habitats. Grows wild; also grown in house yards.

In wild, plants with colour variation of petiole seen; 1- petioles and leaves dark purple, 2- petioles green and 3- petioles green with purple streaks. These three variations are considered as varieties by Roxburgh (Hooker 1894). Authors have observed variation in spathe colour also in these variants. Variant 1- spathe dark yellow, variant 2- spathe faint creamish yellow, variant 3- spathe yellow.

Remusatia vivipara (Roxb.) Schott & Endl. Meletem . Bot. 18:1832. Herb.
Flr.: Apr.- Sep. Rare; around Makhala plateau and Bhoot Khora

Sauromatum venosum (Dryand. ex Aiton) Kunth., Enum. Pl. 3:28. 1841.
Syn. *Sauromatum guttatum* (Wall.) Schott. Rhizomatous herb. Flr.: Feb.- Apr.
Rare; Bali round, Chikhaldara.

Theriophonum minutum (Willd.) Baill., Hist. Pl. 13:457. 1895 Syn. *Arum minutum* Willd. Herb. Flr.: Aug. - Sep. Rare. Moist shady places at Kolkaz.

HYDROCHARITACEAE

Hydrilla verticillata (L.f.) Royle. Bot. Himal. Mts.t. 376.1839. Aquatic. Flr.
Not noted. Only in Devi Lake, Chikhaldara.

Vallisnaria spiralis L.Sp. Pl. 1015. !753. Aquatic. Flr.: Oct.- Apr. Devi Lake,
Chikhaldara.

DIOSCOREACEAE

Dioscorea alata L. , Sp. Pl. 1033. 1753. ‘Goradu, Rathalu’. Climber. Flr.:
Aug. Tubers and bulbils eaten. Usually cultivated, but (was found to authors)
growing wild near Church at Chikhaldara.

Dioscorea belophylla (Prain) Voigt ex Haines, Forest Fl. Chota Nagpur 530.
1910. ‘Jangli Matol, Karu-kand ’. Climber. Flr.: Sep. – Oct. Common, at
higher elevations.

Dioscorea bulbifera L., Sp. Pl. 1033.1753 . ‘ Gathalu , Mataru, Kadu-kand;
Bayal (Melghati) ’. Climber. Flr.: Aug. – Oct. Common, all over Melghat.

Dioscorea hispida Dennst. , Sch. Hort. Malab. 33.1818 Syn. *Dioscorea daemonia* Roxb. ‘Baichandi ; Kulu (Korku) ’. Large climber. Flr.: Sep. –Nov. Common, at higher elevations.

Dioscorea oppositifolia L., Sp. Pl. 1033. 1753.‘ Gilandru ’. Large prickly climber. Flr.: Sep. – Nov. Occasional.

Dioscorea pentaphylla L., Sp. Pl. 1032. 1753 . ‘ Babra ’. Climber. Flr.: Aug. – Sep. Fairly common, in moist habitats at higher elevations and on Chikhaldara plateau.

Dioscorea pentaphylla L. Sp. Pl. 1032. 1753. var. **jacquemontii** Prain & Burkll. Flr.: July-Sep. Frequent; especially in moist localities at higher elevations.

***Dioscorea pubera** Blume., Enum. Pl. Javae 1:21. 1827. Syn. *Dioscorea anguina* Roxb. Climber. Flr.: Sep. - Jan. Was reported as common by Patel.

Tacca lentopetaloides (L.) O. Ktze Rev. Gen. Pl. 2:704.1891. Syn. *Tacca pinnatifida* Forst. Herb. Flr.: July-Oct. On shaded moist mud flats, in Koktu valley, Dhakna range.

COLCHICACEAE

Gloriosa superba L., Sp. Pl. 305.1753. ‘Kal-lawi, Karkari, Zagada jadi ’. Climber. Flr.: Sep.- Oct. Was common some time back; now populations have considerably decreased due to clearing of supporting vegetation.

Iphigenia indica (L.) A. Gray ex. Kunth, Enum. 1:213. 1833. Syn. *Melanthiun indicum* L. ‘Jangli Lahsun’. Small, cormous herb. Flr.: Aug.- Oct. Occasional, among grasses.

Iphigenia magnifica Ansari & R. S. Rao Bull. Bot. Surv. India 20:162. 1978. Cormous herb. Flr.: Sep.- Oct. Rare, on moist grassy slopes.

* SMILACACEAE

***Smilax zeylanica** L., Sp. Pl. 1029. 1753. ‘ Ram-datvan, Ghotvel, Ghottee ’. Liana. Flr.: Jul. - Sep. Was reported as scarce, from damp valleys.

ORCHIDACEAE

Aerides maculosa Lindl., Edwards's Bot. Reg. 31:58. 1845. 'Banda'.
Epiphyte. Flr.: Jun. - Jul. Restricted to Semadoh and Raipur area.

Eulophia ochreata Lindl., J. Linn. Soc. 3:24. 1858. Herb. Flr.: Jun. - Aug.
Not common; Belkund and Vairat.

Eulophia pratensis Lindl. J. Linn. Soc. 3:25. 1858. Herb. Flr.: July-Aug. Not
common. Found in core area between Chikhaldara-Semadoh, along moist,
humus rich area.

***Geodorum densiflorum** (Lam.) Schltr., Feddes Repert. 4:259. 1919.
Terrestrial herb. Flr.: Apr. - May.

Habenaria commelinifolia (Roxb.) Wall. ex Lindl., Gen. Sp. Orchid. 325.
1835. Herb. Flr.: Aug.- Sep. Rare; Tarubanda.

Habenaria digitata Lindl., Gen. Sp. Orchid. 307. 1835. Terrestrial herb. Flr.:
Jul. - Sep. Rare; Makhala and core area of Melghat tiger Reserve.

Habenaria foliosa A. Rich., Ann. Sci. Nat. 2, 15:71. 1841. Terrestrial herb.
Flr.: Jul.- Sep. Rare; Dharni.

Habenaria grandifloriformis Blat. and McC., Jour. Bombay Nat. Hist. Soc.
36:17. 1932. Syn. *Habenaria grandiflora* Lindl. ex Dalzell & Gibson.
Terrestrial herb. Flr.: Jul.- Aug. Common, on plateau and open grasslands at
higher elevations.

Habenaria hollandiana Santapau, Fl. Purandhar 126. 1957. Syn. *Habenaria affinis* Wight. Terrestrial herb. Flr.: Aug.- Oct. Collected only once along
Masoondi- Semadoh interior road on the bank of nallah.

Habenaria longicorniculata Grah. Cat. Bombay Pl. 202. 1839. Syn.
Habenaria longecalcarata A. Rich. Terrestrial herb. Flr.: Jul. - Sep. Rare;
Dhargad valley.

Habenaria marginata Coleb., Exot. Fl. t. 136. 1824. Terrestrial herb. Flr.:
Aug.- Sep. Rare; Bhootkhora.

Habenaria plantaginea Lindl., Gen. Sp. Orch. 323.1835. Terrestrial herb. Flr.: Sep. - Oct. Fairly common, on shedy moist forest floors amongst tall grasses.

Habenaria roxburghii Nicolson., Fl. Hassan Distr. 834. 1976. Syn. *Orchis plantaginea* Roxb. (non *Habenaria plantaginea* Lindl.) Terrestrial herb. Flr.: Jul.- Sep. Occasional, on moist hilly slopes and moist poen grasslands.

Habenaria stenopetala Lindl. Gen. Sp. Orchid. 319. 1835. Herb. Flr.: Oct.- Dec. Rare, on moist patches of interior thick forest.

Habenaria stocksii Hook.f., Fl. Brit. India 6:158. 1890. Syn. *Peristylus stocksii* (Hook.f.) Kranzl. Herb. Flr.: Jul. - Oct. Rare; Vairat.

Luisia tristis (G.Forst.) Hook.f., Fl. Brit. India 6:25. 1890. Syn. *Luisia zeylanica* Lindl. Epiphyte. Flr.: May - Jun. Very rare; collected only once from Salona locality.

***Malaxis versicolor** (Lindl.) Abeyw., Ceylon J. Sci., Biol. Sci. 2:247. 1959. Syn. *Microstylis versicolor* Lindl. Terrestrial stoloniferous herb. Flr.: Jul. - Sep. Reported from moist localities along the river.

Nervilia concolor (Blume) Schltr. Bot. Jahrb. Syst. 45:404. 1911. Syn. *Nervilia aragoana* Gaudich. Herb. Flr.: Jul.- Aug. Rare; Semadoh core area.

***Oberonia falconeri** Hooker's Icon. Pl. 18: t. 1780. Epiphytic herb. Flr.: Sep.- Oct. Was common in moist localities and on higher plateaus on many kinds of trees.

Peristylus constrictus (Lindl.) Lindl. , Gen. Sp. Orchid. 300.1835. Syn. *Habenaria constricta* (Lindl.) Hook.f. Terrestrial herb. Flr.: Jul. - Aug. Very rare; collected only once from Semadoh core area.

Peristylus plantagineus Lindl., Gen. Sp. Orchid. 300. 1835. Tuberous herb. Flr.: Jul.- Sep. Rare; Masoondi- Semadoh road along slope of nallah.

Rhynchostylis retusa (L.) Blume., Bijdr. 286. 1825. Epiphyte. Flr.: May- Jul. Occasional; Semadoh.

***Vanda testacea** (Lindl.) Reichb.f., Gard. Chron. 8:166.1877. Syn. *Vanda parviflora* Lindl. Epiphyte. Flr.: Apr.- May.

Vanda tessellata (Roxb.) Hook. ex G.Don, Hort. Brit. 372. 1830. Syn. *Epidendrum tessellatum* Roxb. Sw., *Vanda roxburghii* R. Br. Epiphyte. Flr.: July- Oct. Fairly common, at higher elevations.

HYPOXIDACEAE

Curculigo orchoides Gaertn., Fruct. Sem. Pl. 1:63.1768 . ‘ Kali Musali ’. Herb. Flr.: Jun. - Sep. Fairly common in entire hilly tract.

AMARYLLIDACEAE

Crinum latifolium L., Sp. Pl. 291. 1753. Herbs. Flr.: Jun.- Jul. Not common; Chikhali, Tarubanda.

Crinum viviparum (Lam.) R.Ansari & V.J.Nair., J. Econ. Taxon. Bot. 11: 205. 1987. Syn. *Crinum defixum* Ker Gawl. Herb. Flr.: Jun. - Oct. Seen by author on the river bank at Dharni.

Pancratium parvum Dalz., Hooker's J. Bot. Kew Gard. Misc. 2:144. 1850. Flr.: Jun. - Aug. Not common; near Sipna river at Kolkaz.

ASPARAGACEAE

***Agave americana** L., Sp. Pl. 323. 1753. Arborescent perennial. Flr.: Oct. - Dec. Was planted.

Agave vera-cruz Mill. Gard. Dict. (ed.8) n. 7.1768 . ‘Kekati ’. Arborescent perennial. Flr.: Nov. - Jan. Common, planted along forest reserves.

***Agave vivipara** L., Sp. Pl. 323 1753. Syn. *Agave wightii* J. R. Drumm. & Prain. Planted.

***Agave angustifolia** Haw. Syn. Pl. Succ. &2. 1812. Syn. *Agave wightii* Drum. Arborescent perennial. Flr.:Jan.- June. Was planted.

Asparagus racemosus var. **javanicus** (Kunth) Baker, J. Linn. Soc., Bot. 14: 624 1875. **Asparagus racemosus** Willd. Sp. Pl. 2:152. 1799. ‘Shatavari’. Perennial climber. Flr.: Oct.- Dec. Frequent throughout.

Note- Variety *javanicus* is not accepted in recent nomenclature. (The variety is included in Red Data Book of Maharashtra) However, roots of these two are very different, hence status of separate variety is maintained here.

Chlorophytum arundinaceum Baker., J. Linn. Soc., Bot. 15:323. 1876.
Herbs. Flr.: Jun.- Aug. Rare; Semadoh.

Chlorophytum borivilianum Santapau & R.R.Fern., J. Bombay Nat. Soc. 3:898. 1955. Herb. Flr.: Jul.- Aug. Rare; in the belt from Tarubanda to Belkund.

Chlorophytum laxum R. Br., Prodr. 277. 1810. Herbs. Flr.:Jul.- Sep. Rare; Belkund.

Chlorophytum tuberosum (Roxb.) Baker , Jour. Linn. Soc. 15:332. 1876 .
'Ganjagata (Gondi); Safed- musali, Turshi'. Herb. Flr.: Jun.- Sep. Common.

Chlorophytum glaucum Dalz., Kew J. Bot. 2:142.850. Herb. Flr.: Jul- Aug.
Rare; Dhargad, Gullarghat.

Drimia indica (Roxb.) Jessop , J. S. Afr. Bot. 43:272. 1977. Syn. *Scilla indica*
Roxb. Herb. Flr.: Feb.- May. Rare; Harisal.

Ledebouria revoluta (L.f.) Jessop., J. S. African Bot. 36:255. 1970. Syn.
Scilla hyacinthiana (Roth) Macbr. Herb. Flr.: Jun.- Jul. Common, on open hill
slopes.

ARECACEAE

Phoenix acaulis Roxb., Pl. Coromandel 3:69. 1820. 'Juna, Sindi'. Dwarf
palm. Flr.: Nov. - May. Only on foot hills.

Phoenix sylvestris (L.) Roxb. , Fl. Ind. ed. 3:787. 1832. Syn. *Elate sylvestris*
L. Arborescent. Flr.: Jan. - Oct. Only on foot hills.

COMMELINACEAE

Commelina attenuata Koen. ex Vahl., Enum. 2:168.1805. Herb. Flr.: Aug.-
Oct. Frequent, on moist hill slopes and along stream banks.

Commelina benghalensis L., Sp. Pl. 41. 1753. ‘Kena’. Herb. Flr.: Aug.- Oct. Common.

Commelina diffusa Burm.f. , Fl. Ind. 18. 1768. Herb. Flr.: Jul.- Oct. Fairly common in moist habitats.

Commelina erecta L., Sp. Pl. 41. 1753. Herb. Jul. - Oct. Not common; Belkund.

Commelina ramulosa (C.B.Clarke) H.Perrier., Notul. Syst. (Paris) 5:185. 1936. *Commelina forskalaei* var. *ramulosa* C.B. Clarke. ‘Kena’. Herb. Flr.: Aug.- Oct. Not common; Belkund.

Commelina caroliniana Walter., Fl. Carol. 68. 1788. Syn. *Commelina hasskarlii* C.B.Clarke. Herb. Flr.: Aug.- Oct. Occasional, in moist habitats.

Commelina paludosa Bl., Enum. Pl. Jawa. 1:2. 1827. Herb. Flr.: Aug.- Oct. Common, in forest under growth.

Commelina suffruticosa Bl., Catalogus 35. 1823. Herb. Flr.: July- Oct. Not common; Chaurakund.

Cyanotis axillaris (L.) D.Don ex Sweet., Hort. Brit. 430. 1826. Syn. *Tonningia axillaris* (L.) Kuntze. Herb. Flr.: Jul. - Dec. Not common; Chaurakund.

Cyanotis cristata (L.) D.Don., Prodr. Fl. Nepal. 46. 1825. Syn. *Commelina cristata* L. Herb. Flr.: Aug.- Oct. Frequent, on moist hill slopes and as a weed in fields.

Cyanotis fasciculata (B.Heyne ex Roth) Schult. & Schult.f., Syst. Veg. 7:1152. 1830. Syn. *Tradescantia fasciculata* Heyne ex Roth. Herb. Flr.: Aug.- Oct. Common, along river beds.

Cyanotis cucullata (Roth) Kunth., Enum. Pl. 4:107. 1843. Syn. *Amischophacelus cucullata* (Roth) R.S.Rao & Kammathy., *Tradescantia cucullata* Roth. ‘Winchu’. Herb. Flr. Aug. - Nov. Common, in river beds and in cultivated fields.

Murdannia nudiflora (L.) Brenan., Kew Bull. 7:189. 1952. Syn. *Commelina nudiflora* L. Herb. Flr.: Aug.- Nov. Common, in stream and river beds.

Murdannia semiteres (Dalz.) Santapau., Poona Agric. Coll. Mag. 41(4): 15. 1951. Herb. Flr. Jul. - Sep. Uncommon; Masoondi to Semadoh road.

Murdannia spirata (L.) Breuckn. , Nat. Pflanzenfam. ed. 2. 15a:173 1930. Syn. *Commelina spirata* L., *Aneilema spiratum* (L.) R. Br. Herb. Flr.: Aug.- Oct. Frequent, in stream and river beds and fields.

MUSACEAE

Ensete superbum (Roxb.) Cheesman, Kew Bull. 2:100.1948 Syn. *Musa superba* Roxb. ‘Jangli Keli’. Arborescent herbs. Flr.: Oct.- Jan. Frequent at higher elevations, on vertical faces of rocks and in vallys.

COSTACEAE

Cheilocostus speciosus (J.Koenig) C.D.Specht., Taxon 55:159. 2006. Syn. *Costus speciosus* (J.Koenig) Sm. Pennial erect herb. Flr.: Sep.- Nov. Occasional, but abundant at some places (Harisal, Kolkhas, Semadoh etc.)

ZINGIBERACEAE

Curcuma decipiens Dalzell., Hooker's J. Bot. Kew Gard. Misc. 2:144. 1850. Herb. Flr.: Aug.- Sep. Rare; collected only once along Masoondi- Semadoh road.

Curcuma inodora Blatt., J. Proc. Asist. Soc. Beng. 26:357. 1930. Herb. Flr.: Aug.- Sep. Common, at higher elevations.

Curcuma pseudomontana J.Graham., Cat. Pl. Bombay 210. 1839. ‘Kukus-Mukus (Korku)’. Herb. Flr.: Jul. - Sep. Reported as common and abundant in interior of Melghat (recently found to have become restricted to few areas only).

Zingiber nimmonii (J.Graham) Dalzell., Hooker's J. Bot. Kew Gard. Misc. 4: 341. 1852. Erect herb. Flr.:Jul. - Aug. Rare, collected only once from interior.

*TYPHACEAE

***Typha domingensis** Pers., Syn. Pl. 2:532. 1807. Syn. *Typha angustata* Bory and Chaub. ‘Jangli bajri, Pan kanis’. Tall herbs. Flr.: Aug. On marshy places.

ERIOCAULACEAE

Eriocaulon cinereum R. Br. Prodr. 254. 1810. Flr.: Aug.-Dec. Throughout frequent, in open marshy places and sandy river beds.

Eriocaulon luzulifolium Mart., Pl. Asiat. Rar. 3:28. 1832. Herb. Flr.: Sep.-Oct. Common, in marshy patches.

Eriocaulon quinquangulare L., Sp. Pl. 87. 1753. Herb. Flr.: Sep.- Nov. Frequent, on wet rocks.

Eriocaulon truncatum Buch.- Ham.ex Mart., Pl. Asiat. Rar. 3:29. 1832. Herb. Flr.: Jul. - Oct. Frequent, in open marshy places.

CYPERACEAE

Actinoscirpus grossus var. **kysoor** (Roxb.) Noltie. Edinburgh J. Bot. 51: 173 1994. Syn. *Scirpus kysoor* Roxb. Herb. Flr.: Sep. - Nov. Near tanks and perennial water resources.

Bulbostylis barbata (Rottb.) C. B. Clarke., Fl. Brit. India 6: 651. 1893. Small tufted herb. Flr.: Jul. - Oct. Frequent throughout.

Cyperus alutatus Kern, Reinwardt. 1(4):463. 1952. Small tufted herb. Flr.: Aug.- Nov. Common, in marshy places.

Cyperus compressus L., Sp. Pl. 46. 1753. Small tufted herb. Flr.: Aug.- Dec. Common, in wet habitats.

***Cyperus corymbosus** Rottb. Descr. Ic. 42 t.7,f. 4. 1773. Tall herb. Flr.: Sep.- Nov. Was reported from marshy places on outskirts of Melghat.

Cyperus cyperoides (L.) Kuntze., Revis. Gen. Pl. 3(2): 333. 1898. Syn. *Mariscus sumatrensis* (Retz.) J. Raynal. Perennial herb. Flr.: Jul.- Jan. Occasional, in wet patches.

Cyperus difformis L., Cent. Pl. 2:6. 1756. Small tufted herb. Flr.: Aug.- Oct. Frequent.

Cyperus digitatus Roxb., Fl. Ind. 1:209. 1820. Robust perennial. Flr.: Sep.- Dec. Occasional, in marshy places and along water streams.

Cyperus exaltatus Retz., Obs. Bot. 5:11. 1788. Stout perennial. Flr.: Sep.- Nov. Infrequent; Ghatang.

Cyperus haspan L., Sp. Pl. 45. 1753. Tufted herb. Flr.: Aug.- Oct. Common, on wet grounds.

Cyperus iria L., Sp. Pl. 45. 1753. Syn. *Cyperus iria* var. *paniciformis* C.B. Clarke. Herb. Flr.: Aug. - Dec. Not common; Raipur.

Cyperus michelianus (L.) Delile., Descr. Egypte, Hist. Nat. 3:50. 1813. Syn. *Scirpus michelianus* L. Small tufted herb. Flr.: Sep.- Oct. Occasional, on moist substrata in river beds.

Cyperus michelianus subsp. **pygmaeus** (Rottb.) Asch. & Graebn. Syn. *Cyperus pygmaeus* Rottb., *Juncellus pygmaeus*(Rottb.) C.B.Cl. Small herb. Flr. June- Feb. Not common, restricted to foot hills.

Cyperus nutans var. **eleusinoides** (Kunth) Haines., Bot. Bihar Orissa 5:898. 1924. Tall perennials. Flr.: Aug.- Nov. Common.

Cyperus rotundus L., Sp. Pl. 45.1753. ‘Nagar-motha’ Herbs. Flr.: Jul. - Jan. Common.

Cyperus squarrosus L., Cent. Pl. 2:6.1756. Syn. *Cyperus aristatus* Rottb. Tufted herb. Flr.: Aug.- Oct. Common on wet lands.

Eleocharis atropurpurea (Retz.) J. Presl & C. Presl. Rel. Haenk.1:196, 1828. Tufted Herb. Flr.: Sep.-Nov. Frequent, on stream beds and roadside ponds.

Eleocharis geniculata (L.) Roem. & Schult. Syst. Veg. 2:150. 1817. Syn. *Eleocharis capitata* (L.) R. Br. Tufted herb. Flr.: Sep.- Oct. Frequent, in marshy places.

Eriophorum comosum (Wall.) Nees., Contr. Bot. India 110. 1834.Slender tufted herb. Flr.: Oct.- Feb. Frequent, on rocky vertical cuttings of stream and river banks.

Fimbristylis aestivalis Vahl., Enum. Pl. Obs. 2: 288. 1805. Herb. Flr.: Sep.- Jun.

Fimbristylis bis-umbellata (Forssk.) Bubani., Dodecanthea 30. 1850. Herb.
Flr.: Aug.- Dec. Common, in stream and river beds.

Fimbristylis complanata (Retz.) Link., Hort. Berol. 1:292.1827. Tall herb.
Flr.: Throughout the year. Common, along margins of rivers, lakes and ponds.

Fimbristylis dichotoma (L.) Vahl., Enum. Pl. Obs. 2: 287 1805. Tufted herb.
Flr.: Throughout the year. Common along river, lake and pond margins.

Fimbristylis ferruginea subsp. **sieberiana** (Kunth) Lye., Nordic J. Bot. 2:
335 1982., Syn. *Fimbristylis sieberiana* Kunth. Herb. Flr.: Sep. - Dec.

Fimbristylis ovata (Burm.f.) J. Kern. , Blumea 15:126. 1967 Syn.
Fimbristylis monostachya (L.) Hassk. Slender tufted herb. Flr.: Aug.- Sep.
Occasional throughout.

Fimbristylis quinquangularis (Vahl) Kunth., Enum. Pl. 2:229. 1837. Syn.
Fimbristylis miliacea (L.) Vahl . Slender herb. Flr.: Jun.- Feb. Not common;
Dhulghat, Tarubanda.

Fimbristylis schoenoides (Retz.) Vahl. Enum. Pl. Obs. 2:286. 1805. Syn.
Scirpus schoenoides Retz. Tufted herb. Rare; Tarubanda.

Fimbristylis tetragona R. Br. , Prodr. 226. 1810. Perennial herb. Flr.: Sep.-
Oct. Occasional, on mud flats along stream and river margins.

Fimbristylis tenera Schult., Mant. 2: 57. 1824.Slender annuals. Flr.: Aug.-
Dec. Not common; in ponds and river beds.

Fuirena cuspidata (Roth) Kunth., Enum. Pl. 2: 187. 1837. Syn. *Fuirena wallichiana* Kunth. Perennial herb.Flr.; Sep.- Jan. Common, throughout in
marshy places.

Lipocarpha squarrosa (L.) Goetgh., Wageningen Agric. Univ. Pap. 89(1):
71. 1989. Syn. *Scirpus squarrosum* L., *Rikliella squarrosa* (L.) J. Raynal.
Small tufed herbs. Flr.: Aug.- Oct. Common, throughout on wet lands

Kyllinga brevifolia Rottb., Descr. Icon. Rar. Pl. 13. 1773. Syn. *Cyperus brevifolius* (Rottb.) Hassk. Slender tufted herb. Flr.: Aug.- Sep. Not common;
Pirkheda.

Kyllinga nemoralis (J.R.Forst. & G.Forst.) Dandy ex Hutch. & Dalziel., Fl. W. Trop. Afr. 2: 487. 1936. Perennial slender herb. Flr.: Aug.- Oct. Common throughout, on open moist grounds.

Kyllinga tenuifolia Steud. , Syn. Pl. Glum. 2:69. 1854.Tufted herb. Flr.: Jul.- Sep. Common, on moist places.

Pycreus pumilus (L.) Nees., Linnaea 9:283. 1834. Syn. *Cyperus pumilus* L. Herb. Flr. Sep.- Oct. Common, on moist lands.

Pycreus flavidus (Retz.) T.Koyama., J. Jap. Bot. 51:316. 1976. Syn. *Cyperus flavidus* Retz. Syn. *Pycreus capillaris* (J.Koenig ex Roxb.) Nees ex C.B.Clarke. Tufted herb. Flr.: Aug.- Oct. Not common; Salona, Harisal.

Queenslandiella hyalina (Vahl) Ballard., Hooker's Icon. Pl. 33: t. 3208. 1933. Syn. *Cyperus hyalinus* Vahl. Herb. Flr.: Aug.- Oct. Not common, along marshy streams.

Schoenoplectiella articulata (L.) Lye., Lidia 6: 20. 2003. Syn. *Schoenoplectus articulatus* (L.) Palla. Herb. Flr.: Jun.- Apr.

Schoenoplectiella juncoides (Roxb.) Lye., Lidia 6: 25 2003., Syn. *Schoenoplectus juncoides* (Roxb.) Palla. Slender herb. Flr.:Feb.- Mar.

Schoenoplectiella lateriflora (J.F.Gmel.) Lye., Syn. *Scirpus lateriflorus* J. F. Gmel. Tufted herb. Flr.: Sep.- Nov. Frequent, on moist open lands.

Schoenoplectus corymbosus (Roth ex Roem. & Schult.) J.Raynal., Cat. Pl. Vasc. Niger 343. 1976. Syn. *Scirpus brachyceras* Hochst.ex A.Rich. Tall, tufted perennial. Flr.: Oct.- Jan. Occasional, along river banks.

Schoenoplectus litoralis (Schrad.) Palla., Bot. Jahrb. Syst. 10:299. 1888.Semiaquatic. Flr.: Aug. - Mar. Fairly common throughout.

Scleria parvula Steud. , Syn. Pl. Glum.2:174. 1855. Perrenial Herb. Flr.: Sep.- Oct. Occasional; among grasses, along stream banks in shade in interiors.

POACEAE

Arachne racemosa (Heyne) Ohwi , Bull. Tokyo Sci. Mus. 18.1. 1947. Syn. *Eleusine racemosa* Heyne ex Roem., *Eleusine verticillata* Roxb. Annual. Flr.: Aug.- Dec. Not common, among tall grasses of forest undergrowth.

Alloteropsis cimicina (L.) Stapf., Fl. Trop. Afr. 9:487. 1919. Syn. *Milium cimicinus* L., *Axonopus cimicinus* (L.) P. Beauv. Erect or decumbent herb. Flr.: Sep. - Oct. Frequent, on moist rocky substrata,in fields.

Andropogon pumilus Roxb., Fl. Ind. 1:277. 1820. ‘Lal Gawat, Lahan Gondali’. Slender herbs. Flr.: Aug.- Nov. Very common throughout.

Apluda mutica L., Sp. Pl. 82. 1753 . ‘Pochati (Korku), Fuli Zara’. Slender herb. Flr.: Oct.- May. (A variable species). Most common grass.

Aristida adscensionis L., Sp. Pl. 82. 1753. Syn. *Aristida depressa* Retz. ‘Bhurbhuri’. Densely tufted. Flr.: Sep.- Jan. Very common throughout.

Aristida funiculata Trin. & Rupr., Sp. Gram. Stip. 159. 1842. ‘Charbi-Zara (Korku), Kusali’. Very slender herb. Flr.: Aug.- Dec. Common throughout, on poor, dry soil.

Aristida redacta Stapf., Kew Bull. 85:1892. Very slender herb. Flr.: Sep.- Jan. Common throughout.

Arthraxon hispidus (Thunb.) Makino. Bot. Mag. (Tokyo) 26:214. 1912. Syn. *Arthraxon quartianus* (A.Rich.) Nash, *Alectoridia quartiniana* A.Rich. Slender, tufted. Flrs.: Aug.- Nov. Common, on moist waste lands and along banks of streams and rivers.

Arthraxon lancifolius (Trin.) Hochst., Flora 39:188. 1856. Syn. *Andropogon lancinifolius* Trin. Slender herb. Flr.: Aug.- Nov. Common throughout.

Arthraxon prionodes (Stend.) Dandy, Fl. Pl. Sudan 3:399. 1956. Syn. *Andropogon prinodes* Steud. Creeping perennial. Flr.: Oct.- Dec. Frequent, in thickets and on moist soils.

Arundinella pumila (Hochst.) Steud., Syn. Pl. Glum. 1:114.1854 Syn. *Acratherum pumilum* Hochst. ex A. Rich. Delicate, erect herb. Flr.: Aug.-

Nov. Common, at higher elevations on wet rocks, along river and streams and vertical cut faces of hill slopes.

Bambusa bambos (L.) Voss. Vilm. Blumengartn. ed. 3, 1:1189. 1895. Syn. *Bambusa arundinacea* Willd. Katang- Bans'. Thorny. Planted in Semadoh range.

Bothriochloa kuntzeana (Hack.) Henr., Blumea 3:456.1940 Syn. *Eulalia clarkei* Haines . (Included on the basis of herbarium specimens of Project Tiger at Chikaldara.)

Bothriochloa pertusa (L.) A. Camus, Ann. Soc. Linn. Lyon n.s., 76:164. 1931., Syn. *Andropogon pertusus* (L.) Willd. Sweet scented herb. Flr.: Sep. - Oct. Very common throughout.

Brachiaria deflexa (Schumach.) C.E.Hubb. ex Robyns., Bull. Jard. Bot. État 9:181. 1932. Slender herb. Flr.: Aug.- Nov. Frequent throughout, in hedges and along forest margins.

Brachiaria eruciformis (Sm.) Griseb.Fl. Ross. 4:469. 1853. Syn. *Panicum eruciforme* Sm. 'Shepruti'. Tufted herb. Flr.: Sep. - Jan. Occasional; Kolkhas.

Brachiaria reptans (L.) C.A.Gardner & C.E.Hubb., Hooker's Icon. Pl. 34: t. 3363. 1938. Syn. *Panicum reptans* L. , *Panicum prostratum* Lamk. Creeping herb. Flr.: Aug.- Dec. Common, in forest undergrowth, along stream and river banks.

Capillipedium assimile (Steud.) A. Camus, Fl. Indo-Chine 7:314. 1922. Syn. *Andropogon assimile* Steud. Tall perennial. Flr.: Sep.- Nov. Frequent.

Capillipedium filiculme (Hook.f.) Stapf., Hooker's Icon. Pl. 31: t. 3085. 1922. Syn. *Andropogon filiculmis* Hook.f. Tufted. Flr.: Sep.- Nov. Common.

Capillipedium huegelii (Hack.) A.Camus., Rev. Bot. Appl. Agric. Colon. 1:306. 1921. Syn. *Andropogon huegelii* Hack. Strongly aromatic. Flr.:Jul.- Dec. Frequent, mostly on steep slopes.

Chionachne gigantea (J.Koenig) Veldkamp., Blumea 47:559. 2002. *Chionachne koenigii* (Spreng.) Thw. *Coix koenigii* Spreng. Stout herb. Flr.:Oct.- Nov. Frequent.

Chloris virgata Sw. , Fl. Ind. Occ. 1:203.1797. Perennial. Flr.: Aug.- Nov. Common, on waste lands.

Chrysopogon fulvus (Spreng.) Chiov., Fl. Somala 1:327.1929 Syn. *Pollinia falva* Spreng. ‘Sani Khidi (Korku); Gokad’. Densely tufted perennial. Flr.: Sep.- Nov. Common, on moist gravelly soil.

Chrysopogon polyphyllus (Hack.) Blatt. & McCann., J. Bombay Nat. Hist. Soc. 32: 416. 1928. Syn. *Andropogon polyphyllus* Hack. ex Hook.f. ‘Khedi Zara (Korku)’. Prostrate, dense herb. Flr.: Sep. - Dec. Only along margins of Bir tank at Chikhaldara.

Chrysopogon serrulatus Trin. , Mem. Acad. Sci. Petersb. Ser.6.2:318. 1833. Syn. *Andropogon monticola* var. *trinii* (Steud.) Hook.f. Perennial, tufted. Flr.: Oct.- Jan. Common and often gregarious, in rocky beds of interior areas.

Coix aquatica Roxb., Fl. Ind. 3:571. 1832 . ‘Ran Jondhala’. Stout perennial. Flr.: Sep.- Feb. Common, in marshy habitats.

Coelorachis clarkei (Hack.) Blatt. & McCann., J. Bombay Nat. Hist. Soc. 32: 33. 1927. Syn. *Mnesitheia clarkei* (Hack.) de Koning & Sosef. Tall herb. Flr.: Sep.- Nov. Rare; Gullarghat.

Cymbopogon martini (Roxb.) W.Watson., Gaz. N. W. Ind. 392. 1882. Syn. *Andropogon martini* Roxb., *Andropogon schoenanthus* var. *martini* (Roxb.) Benth. ‘Tikamadi, Rusa’. Sweet scented. Flr.: Sep. - Feb. Occures in two varieties. 1. Sofia – Common throughout. 2. Motia – Occures in Behali, Dhargad, Chikaldara and some other localities. Serves as raw material for palmarosa oil industry.

Cynodon radiatus Roth., Syst. Veg. 2:411. 1817. Syn. *Cynodon arcuatus* J. S. Presl. Syn. *Cynodon dactylon* var. *intermedius* (Rang. and Tad.) C.E.C. Fischer. Creeping. Flr.: Aug.- Oct. Not common; collected from only one locality- Belkund stream bed.

Cynodon dactylon (L.) Pers., Syn. Pl. 1:85.1805. Syn. *Panicum dactylon* L. ‘Tati Zara (Korku); Harali, Durva’. Common.

Dactyloctenium aegyptium (L.) Willd., Enum. Pl. 1029. 1809. Syn. *Eleusine aegyptica* (L.) Roxb. ‘Kada Zara (Korku)’. Annual. Flr.: Aug.- Jan. Common throughout.

Dendrocalamus strictus (Roxb.) Nees, Linnaea 9:476. 1835. ‘Basa, Velu’. Arborescent, tufted. Fairly common and gregarious on hill slopes.

Dicanthium annulatum (Forsk.) Stapf , Fl. Trop. Afr. 9:178. 1917. Syn. *Andropogon annulatus* Forssk. ‘Lahan Marvel’. Perennial. Flr.: Sep.- Jan. Common, throughout in open grasslands.

Dichanthium aristatum (Poir.) C.E.Hubb., Kew Bull. 654. 1940 Syn. *Andropogon aristatus* Poir. Perennial. Flr.: Sep.- Feb. Common, along river and stream banks.

Dichanthium caricosum (L.) A.Camus., Bull. Hist. Nat. Paris 27:549. 1921 Syn. *Andropogon caricosum* L. ‘Mothi Marvel’. Perennial. Flr.: Aug.- Jan. Common throughout.

Dichanthium mccannii Blatt., J. Bombay Nat. Hist. Soc. 32: 357. 1927. Perennial. Flr.: Sep. Rare; collected only once along Semadoh – Raipur road.

Digitaria albudens (Roem. and Schult.) Veld Kamp, Blumea 21:53. 1973. Syn. *Panicum abludens* Roem and Schult, *Digitaria granularis* (Spreng.) Henr. Slender herb. Flr.: Jul. - Dec. Common throughout.

Digitaria ciliaris (Retz.) Koel. , Descr. Cram. 27. 1802 Syn. *Panicum ciliare* Retz., *Digitaria adscendes* (H.B.K.) subsp. *adscendens* var. *criniformis* Henr., Perennial. Flr.: Jul. - Nov. Frequent throughout.

Digitaria stricta Roth., Syst. Veg. 2:474. 1817 Syn. *Paspulum royleanum* Nees ex Hook.f., ‘Chini Zara (Korku), Lahan Lona;’. Slender annual. Flr.: Jul.- Dec. Common throughout.

Dinebra retroflexa (Vahl.) Panzer , Denkschr. Konigl. Akad. Wiss. Munchen 4:270. 1814.Syn. *Cynosurus retroflexus* Vahl., *Dinebra arabica* Jacq. ‘ Lona; Kilam Musri (Korku)’. Tufted annual. Flr.: Sep.- Jan. Throughout common in cultivated fields.

Echinochloa colona (L.) Link., Hort. Berol. 2:209. 1833. Syn. *Panicum colonum* L. Annual. Flr.: Aug.-Jan. Common, in fields and marshy places.

Echinochloa crus-galli (L.) P.Beauv., Ess. Agrostogr. 53. 1812. ‘Dodoma’ Stout herb. Rare; Dharni.

Echinochloa frumentacea Link. , Hort. Berol. 1:204. 1827. Syn. *Panicum frumentaceum* Roxb. ‘Sawan- Saweli’. Cultivated as food grain crop in Chikhaldara and Dharni.

Eleusine indica (L.) Gaertn., Fruct. Sem. Pl. 1:8. 1788. Syn. *Cynosurus indicus* L.‘Mungadi Zara, Chikhor (Korku); Pandhad’. Annual. Flr.: Aug.- Mar. Common weed of irrigated fields.

Elytrophorus spicatus (Willd.) A. Camus., Fl. Indo-Chine 7:547. 1923. Syn. *Dactylis spicata* Willd. , *Elytrophorus articulatus* P. Beauv. ‘Kulku (Korku)’. Small, tufted. Flr.: Oct.- Dec. Occasional, in drying ponds.

Enteropogon dolichostachyus (Lag.) Keng., Clav. Gen. Sp. Gram. Prim. Sin. 197. 1957. Syn. *Chloris dolichostachya* Lag. Tall perennial. Flr.: Sep.- Nov. Frequent, in the interiors.

Eragrostiella bifaria (Vahl) Bor , Ind. For. 66:270. 1940. Syn. *Poa bifaria* Vahl, *Eragrostis coromandeliana* (Koen. ex Rottl.) Trin. Slender perennial. Flr.: Aug.- Feb. Common, on moist rocky substrata and open grass lands.

Eragrostis amabilis (L.) Wight & Arn. Cat. Indian Pl. 2: 105 1834. Syn. *Eragrostis tenella* (L.) P.Beauv. ex Roem. & Schult. Slender, very variable grass. Flr.: Sep. - Jan. Occasional, in open areas.

Eragrostis ciliaris (L.) R. Br. Narr. Exped. Zaire 478 1818. Herb. Flr.: Sep. - Jan. Common, mostly as weed of cultivated fields.

Eragrostis gangetica (Roxb.) Steud., Syn. Pl. Glum. 1:266. 1854. Syn. *Poa gangetica* Roxb., *Eragrostis stenophylla* Hochst. ex Mig. Annual. Flr.: Sep.- Nov. Frequent, along margins of streams and river beds.

Eragrostis japonica (Thunb.) Trin., Mem. Acad. Sci. Petereb. Ser. 6.1:405.1830. Syn. *Poa japonica* Thunb., *Eragrostis namaquensis* Nees. Annual. Flr.: Aug.- Jan. Frequent, especially in cultivated fields.

(Earlier *Eragrostis japonica* and *Eragrostis namaquensis* Nees were considered as two separate species just on the basis of slender and stout, and short and long branches.)

Eragrostis pilosa (L.) P. Beauv., Ess. Agrost. 71:162.1812. Syn. *Poa pilosa* L. Annual, tufted. Flr.: Aug.- Nov. Frequent throughout, mostly on wet lands and road sides.

Eragrostis minor Host. Fl. Austriaca 1:135. 1827. Syn. *Eragrostis poaeoides* P. Beauv. , Bas. Agrost. 162.1812. Slender densely tufted. Flr.: Aug.- Feb. Common throughout.

Eragrostis patula (Kunth) Steud. Nomenc. Bot. 1:564. 1840. Syn. *Eragrostis teuifolia* (A. Rich) Hochst. ex Steud. Tufted perennial. Flr.: Jul.- Feb. Common, at higher elevations in cultivated fields and roadsides of interior.

Eragrostis riparia (Willd.) Nees,Fl. Bras. Enum. Pl. 2:512. 1829. Syn. *Poa riparia* Willd. Tufted perennial. Flr.: Aug.- Nov. Frequent, in the interior.

Eragrostis unioloides (Retz.) Nees ex Steud. , Syn. Pl. Glum. 1:264. 1854. Syn. *Poa unioloides* Retz. Slender annual. Flr.: Aug.- Nov. Very common at higher elevations.

Eulalia trispicata (Schult.) Henr., Blumea 3:453. 1940. Syn. *Andropogon trispicatus* Schult., *Pollinia argentea* (Brongn.)Trin. Tall, tufted perennial.Flr.: Oct.- Dec. Frequent, in stream and river beds.

Hackelochloa granularis (L.) Kuntze., Rev. Gen. Pl.2:776.1891. Syn. *Cenchrus granularis* L., *Manisuris granularis* (L.) L.f. Slender annual. Flr.: Aug.- Oct. Common.

Heteropogon contortus (L.) P. Beauv. ex Roem & Schult. , Syst. Veg.2:836. 1817 Syn. *Andropogon contortus* L. ‘ Kusal’. Perennial. Flr.: Sep.- Nov. Most common.

Heteropogon ritchiei (Hook.f.) Blatt. & McCann. , J. Bombay Nat. Hist. Soc. 32:623. 1928 Syn. *Andropogon ritchiei* Hook.f. ‘Pochati (Korku)’.Tall annual. Common and often gregarious at higher elevations.

Ischaemum afrum (J.F.Gmel.) Dandy., Syn. Fl. Pl. Sudan 3: 476. 1956. Syn.
Ischaemum pilosum (Willd.) Wight. ‘Kunda’ .Tall herb. Flr.: Sep. - Dec. Not common; in cultivated fields of Dhargad and Gularghat

Ischaemum impressum Hack. , Monogr. Phan. 6:210.1889. Robust annual.
Flr.: Sep.- Nov. Occasional, in marshy habitats.

Ischaemum pilosum (Klein ex Willd.) Wight . Madras Lit. Soc. J. 138.1835.
Syn. *Andropogon pilosum* Klein ex Willd. Tall perennial. Flr.: Sep.- Dec. Not common, in cultivated fields between Ghargad and Gullarghat.

Ischaemum rugosum Salisb. , Icon Strip. Rar. 1:t.1.1791. Annual. Flr.: Sep.- Nov. Occasional, on low laying places.

Iseilema anthephoroides Hack., Monogr. Phan. 6:683. 1889. ‘Musel’.
Perennial. Flr.: Sep.- Nov. Occasional, along forest margins and in fields.

Iseilema laxum Hack. Monogr. Phan. 6:682. 1889. ‘Botri Zara (Korku);
Gondal, Hirwi Marvel; Botri Zara (Korku)’. Perennial. Flr.: Sep. - Nov.
Frequent, on moist openlands and forest margins.

Leptochloa panicea (Retz.) Ohwi , Bot. Mag. (Tokyo) 55:311. 1941 Syn.
Poa panacea Retz. Annual. Flr.: Aug.- Sep. Occasional, on rocky substrata.

Melanocenchris jacquemontii Jaub. & Spach. III. Pl. Or. 4:36. 1851. Syn.
Gracilea royleana Hook.f. Slender annual. Flr.: Sep.- Dec. Common, on rocky poor soil.

Ophiuros exaltatus (L.) O. Ktze. , Rev. Gen. Pl. 2:780. 1891. Syn. *Aegilops exaltata* L., *Ophiuros corymbosus* (L.f.)C. F.Gaertn., *Rottboellia exaltata* L. f. Perennial, densely tufted. Flr.: Sep.- Dec. In forest undergrowth along stream banks and shallow depressions.

Oplismenus burmanni (Retz.) P. Beauv., Ess. Agrost. 54.169. 1812. Syn.
Panicum burmanni Retz. ‘Kobho Zara (Korku)’. Slender annual. Flr.: Sep.- Jan. Common throughout.

Oplismenus compositus (L.) P.Beauv. Ess. Agrostogr. 54. 1812. Perennial.
Flr.: Sep.- Nov. Not common. At higher elevations in Chikhaldara, Tarubanda and Semadoh ranges.

Oropetium roxburghianum (Schult.) S.M. Phillips., Kew Bull. 30:469. 1975.

Syn. *Lepturus roxburghianus* (Schult.) Steud. Errect, tufted herbs. Rare; Patkao, Tarubanda.

Oropetium villosulum Stapf ex Bor., Kew Bull. 4:571. 1950. Tufted small herb. Flr.: Jul.- Oct. Ocassional, on wet, exposed rocks.

Panicum phoiniclados Naik & Patunkar., Reinwardtia 9:403. 1980. Perennial. Flr.: Oct.- Dec. Not common; along margins of water streams in Ranguveli.

Panicum sumatrense Roth., Syst. Veg. 2:434. 1817. Syn. *Panicum psilopodium* Trin. Annual. Flr.; Aug.- Nov. Frequent, in wet habitats.

Panicum curviflorum Hornem. Hort. Bot. Hafn. Suppl. 116. 1819. Syn. *Panicum trypheron* Schult. Annual. Flr.: Sep.- Feb. Frequent, in river beds and open grass lands.

Paspalidium flavidum (Retz.) A. Camus , Fl. Indo-Chine 7:419. 1922. Annual. Flr.: Aug.- Jan. Fairly common, on moist hill slopes and along stream banks.

Paspalidium geminatum (Forssk.) Stapf. , Fl. Trop. Afr. 9:583. 1920. Perennial creepers. Flr.: Aug.- Nov. Frequent, in wet habitats, also floating in ponds.

Paspalum distichum L., Syst. Nat. ed. 10 2: 855. 1759. Syn. *Paspalum paspalodes* (Michx.) Scribn. ‘Kodo (Korku)’. Perennial creepers. Flr.: Sep.- Jan. Occasional, along pond margins.

Paspalum scrobiculatum L., Mant. Pl. 1:29. 1767. ‘Kodo (Korku)’. Annual. Flr.: Sep. - Oct. Cultivated grain. However, these days rarely it is cultivated; only in Chikhaldara and Dharni Tehsil.

Pennisetum hohenackeri Hochst. ex Steud. , Syn. Pl. Glum. 1:103. 1854. Syn. *Pennisetum alopecuros* Steud. ‘Bukala Zara (Korku)’. Densely tufted perennial. Flr.: Sep.- Dec. Frequent, in stream and river beds and on very wet lands.

Pennisetum pedicellatum Trin., Mem. Acad. Petersb. Ser. 6.3 (2):184.1834. Tall annual. Flr.: Sep.- Nov. Common throughout.

Pseudanthistiria heteroclite (Roxb.) Hook.f., Fl. Brit. India 7: 219. 1896.
Syn. *Pseudanthistiria hispida* Hook.f. Erect, tufted. Flr.: Sep.- Nov. Fairly common; often gregarious.

Saccharum spontaneum L., Mant. Pl. 2:183.1771 . ‘Padal; Kans (Korku)’. Perennial. Flr.: Sep.- Nov. Common, in river beds and waterlogged areas.

Schizachyrium brevifolium (Sw.) Buse, Plant Junghn. 359.1854. Very weak annual. Flr.: Aug.- Oct. Rare; collected only from Dhargad and Kelapani.

Sehima nervosum (Rottl.) Stapf. , Fl. Trop. Afr. 9:36. 1917. Syn. *Ischemum laxum* R. Br. ‘Sheda’. Tall perennial. Flr.: Sep.- Nov. Common.

Sehima sulcatum (Hack.) A. Camus , Bull. Mus. Hist. Nat. Paris 27:373. 1921. Syn. *Ischemum sulcatum* Hack. ‘ Pawana; Sainar (Korku)’. Perennial. Flr.: Aug.- Nov. Frequent.

Setaria intermedia Roem. and Schult., Syst. Veg. 2:489.1817. Syn. *Panicum intermedium* Roth, *Setaria tomentosa* (Roxb.) Kunth , ‘Lungat’. Annual. Flr.: Jul.- Dec. Very common.

Setaria italica (L.) P. Beauv. , Ess. Agrost. 51:170. 1812. Syn. *Panicum italicum* L. ‘Kuko Zara (Korku); Rala’. Annual. Flr.: Oct. - Nov. Cultivated on small scale for edible grains.

Setaria pumila (Poir.) Roem. & Schult. Syst. Veg. 2: 891. 1817. Syn. *Setaria pallide-fusca* (Schumach.) Stapf and C. E. Hubb. ‘ Lungat ’. Annual. Flr.: Aug.- Nov. Very common.

Setaria verticillata (L.) P. Beauv., Ess. Agrost. 51:178. 1812. Syn. *Panicum verticillatum* L. ‘Ludi Zara (Korku); Chikta’. Slender. Flr.: Aug.- Nov. Occasional, near habitations.

Sorghum arundinaceum (Desv.) Stapf., Fl. Trop. Afr. 9:114. 1917. Syn. *Sorghum verticilliflorum* (Steud.) Stapf. Tall annual. Flr.: Sep. - Oct. Frequent, along streams and river banks.

Sorghum controversum (Steud.) Snowden , J. Linn. Soc. (Bot.) 55:210. 1955. Syn. *Andropogon controversus* Steud. ‘Podar Zara (Korku); Jondhali,

Baba'. Large perennial. Flr.: Sep.- Nov. Very common and gregarious along streams and river banks, also on hill slopes.

Sorghum halepense (L.) Pers. Syn. Pl. 1: 101. 1805. Perennial. Flr.: Sep.- Nov. Very common throughout; often gregarious on mud flats along stream and river banks.

Sorghum purpureosericeum (A.Rich.) Schweinf. & Asch., Beitr. Fl. Aethiop. 310. 1867. Syn. *Sorghum deccanense* Stapf ex Raizada. Tall perennial. Flr.: Sep.- Oct. Frequent, in forest undergrowth.

Sorghum nitidum (Vahl) Pers , Syn. Pl. 1:101. 1805.Tall perennial. Flr.: Sep.- Oct. Occasional, in peripheral hilly tract of Chikhaldara and Dharni tahsils.

Spodiopogon rhizophorus (Steud.) Pilger., Naturol. Pflanzent. Aufl. 2.14 (e).119. 1940. ‘Pochati Zara (Korku)’. Weak perennial. Flr.: Sep.- Oct. Fairly common, on rocky hill slopes at higher elevations.

Sporobolus coromandelianus (Retz.) Kunth., Rev. Gram. 1:68. 1829. Syn. *Agrostis coromadeliana* Retz. Annual. Flr.: Aug.- Dec. Frequent, on open waste lands.

Sporobolus diandrus (Retz.) P.Beauv. Ess. Agrostogr. 26. 1812. Syn. *Sporobolus indicus* var. *diandrus* (Retz.) Jovet & Guedes., *Agrostis diandra* Retz. Slender perennial. Flr.: Aug.- Jan. Common, on waste lands.

Sporobolus fertilis (Steud.) Clayton., Kew Bull. 19:291 1965. Syn. *Sporobolus indicus* (L.) R. Br. var. *fertilis* (Steud.) Jov. & Goed. Syn. *Agrostis fertilis* Steud . Slender, tufted. Flr.: Aug.- Jan. Common, on moist open lands and in fields.

Sporobolus tenuissimus (Schrank.) Kuntze, Rev. Gen. Pl. 3:369.1898. Delicate herb. Flr.: Sep.- Dec. Occasional, on moist ground in shade.

Thelepogon elegans Roth., Syst. Veg. 2: 461.788.1817. ‘Sugran, Futana Gawat’. Perennial. Flr.: Oct.- Jan. Occasional, on bunds.

Themeda laxa (Anderss.) A. Camus , Bul. Natl. Hist. 26:423. 1920. Syn. *Anthistiria laxa* Andress. Herb. Flr.: Aug.- Nov. Rare; Belkund.

Themeda triandra Forssk., Fl. Aegypt. Arab. 178. 1775. Syn. *Anthirista imberbis* Retz. ‘Gondel’. Perennial. Flr.: Sep.- Dec. Common, in open grass lands and forest undergrowth.

Themeda quadrivalvis (L.) Ktze. , Rev. Gen. Pl. 2:793. 1891. Syn. *Andropogon quadrivalvis* L. ‘Gondel; Dhangadi Zara (Korku)’. Annual. Flr.: Sep.- Nov. Very common in forest undergrowth.

Tragus mongolorum Ohwi., Acta Phytotax. Geobot.10:268. 1941. Syn. *Tragus roxburghii* Panigrahi . Annual. Flr.: Aug.- Oct. Common, on open moist rocky substrata and poor soils.

Tripogon bromoides Roth., Syst. Veg. 2:600. 1817. Syn. *Tripogon bromoides* var. *major* Stapf ex Hook.f. Tufted herb. Flr.: Jul. - Dec. Collected only from Chikhaldara.

Tripogon capillatus Taub. and Spach, Ill. Pl. Orient. 4: 47. 1851.Slender, densely tufted. Flr.: Aug.- Oct. Not common; on moist rocky substrata at Chikhaldara and Belkund.

Tripogon jacquemontii Stapf. Bull. Misc. Inform. Kew 1892: 85. 1892. Perennial. Flr.: Aug.- Nov. Common throughout.

Urochloa panicoides P. Beauv. , Ess. Agrost. 52. t. 11.1812 . ‘Chatulatu (Korku)’. Annual. Flr.: Aug.- Feb. Common throughout.

Urochloa setigera (Retz.) Stapf., Fl. Trop. Afr. 9:598. 1920. Syn. *Brachiaria setigera* (Retz.) C.E.Hubb. Syn. *Panicum setigerum* Retz. Tall annual. Flr.: Sep. - Oct. Common, on forest floor.

CERATOPHYLLACEAE

Ceratophyllum demersum L., Sp. Pl. 992. 1753. Aquatic. Flr.: Jan.- Apr. In standing pools of bigger rivers like Tapi, Dolar etc.

PAPAVERACEAE

Argemone mexicana L., Sp. Pl. 508. 1753.; ‘Killai (Korku); Pivla Dhotra, Bilayati’. Herb. Flr.: All the year. Common, on waste lands near villages , also in river beds.

Argemone ochroleuca Sweet., Brit. Fl. Gard. 3: t. 242. 1828. Herb. Flr.: All the year. Rare; collected only from Gadga river bed.

MENISPERMACEAE

Cissampelos pareira L., Sp. Pl. 1031. 1753. ‘Harjori, Phad-mul, Pahad-vel’. Woody climber. Flr.: Aug.- Oct. Occasional, on thickets along roadsides and river beds.

Cocculus hirsutus (L.) Diels in Engl., Pflanzenreich Menispermac. 236. 1910. ‘Wasan-vel, Paravel’. Scendent shrub. Flr.: Aug.- May. Common, around villages and fields on hedges.

Tinospora cordifolia (Willd.) Miers. in Ann. Mag. Nat. Hist. 2, 7:38. 1855. ‘Guduchi, Giloy, Gul-vel’. Perennial, extensive climber. Flr.: Sep.- Nov. Occasional, on hedges and thickets around villages.

RANUNCULACEAE

Clematis heynei M. A. Rau & al., Fl. India 1:67. 1993. Syn. *Clematis triloba* B. Heyne ex Roth. ‘Banda (Korku); Morvel, Ranjai, Mongra’. Extensive climber. Flr.: Oct.- Jan. Frequent at higher elevations; especially in Chikhaaldara and Dhakna ranges.

PROTEACEAE

Grevillea robusta A.Cunn. ex R.Br., Suppl. Prodr. Fl. Nov. Holl. 24. 1830. Evergreen tree. Flr.: Sep.- Jan. Planted in patches at Chikhadara.

*DILLENIACEAE

***Dillenia indica** L., Sp. Pl. 535. 1753. ‘Chalta, Mota-karmal’ Tree. Flr.: Jun. - Jul. Was planted as ornamental.

***Dillenia pentagyna** Roxb., Pl. Coromandel 1:21. 1795.; ‘Kallai, Karmal, Sua, Kalli, Karanbidi’. Tree. Flr.: Apr. - May. Was found in Khandu range. Makes good charcoal.

VITACEAE

Ampelocissus latifolia (Roxb.) Planch., Vigne Amer. Vitic. Eur. 8: 374. 1884.
Syn. *Vitis latifolia* Roxb. ‘Kandvel, Popasvel, Rudrakshi’. Extensive climber.
Flr.: Jul.- Aug. Common, around villages on hedges.

Cayratia trifolia (L.) Domin., Bilioth. Bot. 89:370. 1927. Syn. *Cayretia carnosa* (Lamk.) Gangnep., *Vitis carnosa* (Lamk.) Wall. ex Wt. & Arn., ‘Amat vel’. Extensive climber. Flr.: Aug.-Sep. Occasional, mostly near villages near hedges.

Cissus repanda (Wight & Arn.) Vahl., Symb. Bot. 3: 18. 1794. Syn. *Vitis repanda* (Vahl.) Wt. & Arn. ‘Jujil (Korku); Panibel’. Large climber. Flr.: Mar. - Apr. Fairly common in dense forests. The stem gives drinkable water when cut.

***Cissus quadrangularis** L., Syst. Nat. ed. 12 2: 124. 1767. Syn. *Vitis quadrangularis* (L.) Wall. ex Wight. ‘Kandvel, Had-sankad, Had-jod’. Climber. Flr.: Jul. - Sep. Was found near villages in hedges.

Cyphostemma auriculatum (Roxb.) P.Singh & B.V.Shetty., Taxon 35:596. 1986. Syn. *Cayretia auriculata* (Roxb.) Gamble, *Vitis auriculata* (Roxb.) Wall. ‘Kumbhela (Korku); Ambatavel’. Extensive succulent climber. Flr.: Jul. - Aug. Common; especially in Dhargad and Kelapani.

Leea asiatica (L.) Ridsdale., Bot. Hist. Hort. Malab. 189. 1980. Syn. *Leea edgeworthii* Satapau. ‘Kuram’. Undershrub. Flr.: Aug.- Oct. Frequent.

Leea macrophylla Roxb. ex Hornem., Hort. Bot. Hafn. 1:231. 1813. ‘Dupu (Korku); Dinda, Hattikand’. Perennial herb. Flr.: Oct.- Dec. Frequent, in the undergrowth of moist dense forests.

ZYGOPHYLLACEAE

***Balanites aegyptiaca** (L.) Delile., Descr. Egypte, Hist. Nat. 221. 1813. Syn. *Ximeria aegyptica* L., *Balanites roxburghii* L. ‘Hingota, Ingna, Hinganbet’. Small tree. Flr.: Mar.- May. On the outskirts, at hill foots. Wood is for walking sticks and for fuel. Kernel of fruit (filled with gun powder) was used in fire works. The pulp of the fruit was used to clean silk.

Tribulus terrestris L., Sp. Pl. 387. 1753. ‘Gokharu, Sarata’. Prostrate herb.
Flr.: Throughout the year. Frequent on dry lands.

LEGUMINOSAE

FABOIDEAE

Abrus precatorius L., Syst. ed. 12:472. 1767. Syn. *Glycine abrus* L. ‘Gunj; Gunchi (Korku)’. Perennial twining shrub. Flr.: Sep.- Oct. Occasional throughout. Seeds were used to weigh gold. Very rarely plants with white seeds are seen.

Aeschynomene indica L., Sp. Pl. 713. 1753. Shrubby annual. Flr.: Sep.- Nov. Common.

Alysicarpus bupleurifolius (L.) DC. Prodr. 2:352. 1825. Herb. Flr. Sep. - Dec. Frequent, among grasses and as weed in field.

Alysicarpus hamosus Edgew., J. Asiatic. Soc. Bengal 21(2):171. 1852. Syn. *Alysicarpus procumbens* (Roxb.) Schindl. Prostrate herb. Flr.: Sep. - Oct. Common, among grasses.

Alysicarpus longifolius (Spreng.) Wight & Arn. Wight & Arn. Prodr. 233. 1834. Undershrub. Flr.: Oct. - Jan. Fairly common among grasses.

Alysicarpus ovalifolius (Schum.) J. Leonard , Bull. Jard. Bot. Brux. 24:88. 1954. Prostrate herb. Flr.: Aug. - Nov. Not common; Kolkaz, Harisal.

Alysicarpus pubescens Law. ex Wt., Icon t. 250. 1840. Tall herb. Flr.: Sep.- Oct. Occasional, on dry hill slopes.

Alysicarpus scariosus (Rottl. ex Spreng.) Grah. ex Thw., Enum. Pl. Zeyl. 88. 1858. Syn. *Heydisarum scariosum* Spreng., *Alysicarpus rugosus* var. *styracifolius* Baker . Procumbent or suberect. Flr.: Aug.- Nov. Common among grasses of forest undergrowth.

Alysicarpus tetragonolobus Edgew., J. Asiatic. Soc. Bengal 21:169. 1852. Herb. Flr.: July- Dec. Common.

Alysicarpus vaginalis (L.) DC., Prodr 2:353. 1825. Diffuse herb. Flr.: Sep.- Nov. Common.

Atylosia rugosa Wight. & Arn. , Prod. Fl. Ind. Orient. 257. 1834. Syn. *Cajanus rugosus* (Wight & Arn.) Maesen. Perennial climber. Flr.: Sep.- Nov. Frequent; in Dhargad area.

Butea monosperma (Lam.) Taub., Engl. and Prantl Pflm. 3(3):366. 1894. Syn. *Erythrina monosperma* Lam., *Butea frondosa* Roxb. ‘Dhak, Palas’. Tree. Flr.: Jan. – Mar. Common on outer hills of Melghat.

Butea superba Roxb., Pl. Cor. 1:23. 1795. ‘Palasvel, Mahulvel’. Liana. Flr.: Feb.- June. Infrequent, in moist deciduous patches.

Cajanus platycarpus (Benth.) Maesen., Agric. Univ. Wageningen Pap. 85(4):160. 1986. Syn. *Atylosia platycarpa* Benth., Syn. *Atylosia geminiflora* Dalz. Slender twiner or trailing herb. Flr.: Aug – Nov. Rare; Dhargad.

Cajanus scarabaeoides (L.) Thouars., Dict. Sci. Nat. 6:617. 1817. Syn. *Atylosia scarabaeoides* (L.) Benth., ‘Ran Tur’. Slender twiner. Flr.: Sep.- Nov. Common, in forest undergrowths.

Canavalia gladiata (Jacq.) DC., Prodr. 2:404. 1825. Syn. *Dolichus gladiatus* Jacq. ‘Abai’. Large perennial climber. Flr.: Oct.- Jan. Occasional along river banks.

Clitoria annua J. Graham., Cat. Pl. Bombay. 47. 1839. Syn. *Clitoria biflora* Dalz. Herb. Flr.: Sep. – Nov. Common, often abundant among tall grasses in forest undergrowth.

Crotalaria albida Heyne ex Roth. Nov. Pl. Sp. 333.1821. Herb. Flr.: Sep.- Jan. Not common; along Chikhaldara- Semadoh Road.

Crotalaria calycina Schrank, Pl. Rar. Hort. Monac. T.12. 1819. Herb. Flr.: Sep.- Oct. Frequent, in forest undergrowth.

***Crotalaria chinensis** L., Syst. Nat., 10. 2:1158. 1759. Herb. Flr.: Sep. Rare; was noted in the deserted fields of Chitri.

Crotalaria filipes Benth., Lond. J. Bot. 2:475. 1843. Prostrate herb. Flr.: Sep.- Oct. Not common.

Crotalaria hebecarpa (DC.) Rudd., Phytologia 54(1): 28. 1983. Syn. *Goniogyna hirta* (Willd.) Ali., *Hallia hirta* Willd., ‘Godhadi’. Prostrate herb. Flr.: July- Mar. Common.

Crotalaria hirsuta Willd., Sp. Pl. 3:978.1802. Herb. Flr.: July- Oct. Not common; Dhargad, Dharni.

Crotalaria hirta Willd. Ges. Naturf. Fr. Ber. Neue Schr. 4:217.1803. Herb. Flr. Aug.- Dec.

Crotalaria juncea L., Sp. Pl. 2: 714. 1753. ‘San, Boru’. Annual underashrub. Flr.: Sep.- Dec. Common, among tall grasses.

Crotalaria medicaginea Lam., Encycl. Meth. Bot. 2:201. 1786. Herb. Flr.: Sep.- Nov. Not common; in Dhargad on hill slopes.

Crotalaria mysorensis Roth., Nov. Pl. Sp. 338. 1821. Syn. *Crotalaria decasperma* Naik. Herb. Flr.: Aug -Dec. Rare; Dhulghat.

Crotalaria orixensis Willd., Ges. Naturf. Fr. Ber. Neue Schr. 4:217. 1803. Herb. Flr.: Aug.- Nov. Rare; Dhulghat.

Crotalaria prostrata Rottl., Willd. Enum. Hort. Berol. 747. 1809. Prostrate herb. Flr.: Sep.- Dec. Very common.

Crotalaria pusilla Heyne ex Roth, Nov. Pl. Sp. 335.1821. Herb. Flr. Aug.- Oct. Frequent.

Crotalaria retusa L. Sp. Pl. 715. 1753. Undershrub. Flr. Sep.- Mar. Occasional, on wet patches.

Crotalaria spectabilis Roth., Nov. Pl. Sp. 341.1821. Syn. *Crotalaria sericea* Retz. ‘Jaglisan’. Shrub. Flr.: Oct. – Jan. Frequent, along stream and river banks and on wet lands.

***Crotalaria verrucosa** L., Sp. Pl. 2:715. 1753. Herb. Flr.: Oct. – Feb. Rare; in moist localities near Chitri village.

***Codariocalyx motorius** (Houtt.) H.Ohashi., Jour. Jap. Bot. 367. 1965. Syn. *Desmodium motorium* (Houtt.) Merr., *Desmodium gyrans* (L.f.) DC. ‘Lepati’. Shrub. Flr.: Aug.- Sep. Was reported from moist localities in Semadoh area.

Cullen corylifolium (L.) Medik. Vorles. Churpf. Phys.-Oek. Ges. 2:381. 1787. Syn. *Psoralea corylifolia* L. ‘Bawchi’. Herb. Flr.: Sep.- Feb. In cultivated fields and waste lands.

***Dalbergia lanceolaria** L.f., Suppl. Pl. 316. 1782. ‘Takoli, Dandosi, Dhamsi’. Tree. Flr.: Apr.- May. Occasional, along nallas.

Dalbergia lanceolaria subsp. **paniculata** (Roxb.) Thoth., Bull. Bot. Surv. India 25(1-4): 171. 1985. Syn. *Dalbergia paniculata* Roxb. ‘Phassi (Korku); Dhobin’. Tall tree. Flr.: July- Aug. Occasional.

Dalbergia latifolia Roxb., Pl. Cor. 2:7. 1798. ‘Shishum’. Large tree. Flr.: Sep.- Oct. Occasional. Heart wood reddish to blackish-purple. It is valuable furniture wood; was also used for cart wheels and implements.

***Dalbergia sissoo** Roxb., Hort. Beng. 53. 1814. ‘Sissu’. Flr.: Mar. – Jun. Was planted as avenue tree.

***Dalbergia volubilis** Roxb., Pl. Coromandel 2. 48. t. 191. ‘Alai’. Large woody climber. Flr.: Feb.- Mar. Rare; only one plant was observed on the bank of nallah in Semadoh area.

***Dendrolobium triangulare** (Retz.) Schindl., Repert. Spec. Nov. Regni Veg. 20:279. 1924. Syn. *Desmodium cephalotes* Wall. ‘Lapotí, Chipti’. Shrub. Flr.: Aug.- Oct. In moist shady localities.

Desmodium dichotomum (Willd.) DC., Prodr. 2:336. 1825. Syn. *Hedysarum dichotomum* Willd. Undershrub. Flr.: Sep.- Jan. Rare; Gullarghat.

Desmodium gangeticum (L.) DC., Prodr. 2:327. 1825. Syn. *Hedysarum gangeticum* L. ‘Chirpat, Salparni’. Undershrub. Flr.: Sep.- Nov. Common.

Desmodium procumbens (Mill.) Hitchc. Fl. Hongk. 83.1861. Herb. Flr.: Sep.- Oct. Rare; Dharkhora and Melghat foot hills towards Anjangaon Surji side.

Desmodium oojeinense (Roxb.) H.Ohashi., Ginkgoana 1:117. 1973. Syn. *Ougeinia oojeinensis* (Roxb.) Hoch. Syn. *Dalbergia oojeinensis* Roxb., *Ougeinia dalbergioides* Benth. ‘Ruthu (Korku); Tiwas’. Medium sized tree.

Flr.: Feb.- May. Common. Wood was in great demand for agricultural implements and carts. It makes excellent furniture.

Desmodium velutinum (Willd.) DC., Prodr. 2:328. 1825. Syn. *Desmodium latifolium* (Roxb.) DC., ‘Lepati (Korku)’. Undershrub. Flr.: Sep.- Oct. Frequent, in undergrowth of dense forests.

Desmodium laxiflorum DC., Ann. Sci. Nat. 4:100. 1825. ‘Lepati (Korku); Jagli- ganja’. Undershrub. Flr.: Aug.- Oct. Frequent, amidst tall grasses.

Desmodium triflorum (L.) DC., Prodr. 2:234. 1825. ‘Chipti’. Herb. Flr.: Aug.- Nov. Frequent.

Eleiotis monophylla (Burm.f.) DC., Prodr. 2:348. 1825. Syn. *Glycine monophylla* Burm.f. , *Eleiotis sororia* (L.) DC. Herb. Flr.: Aug.- Nov. Occasional, among grasses.

Erythrina suberosa Roxb., Hort. Beng. 53. 1814. ‘Pangara’. Small tree. Flr.: Mar.- May. Occasional. The wood was used for scabbards, sieve frames and occasionally for planking.

***Flemingia involucrata** Bth., Miq. Pl. Jungh. 246.1852. Syn. *Moghania involucrata* (Wall ex Bth.) O. Ktze. Shrub. Flr.: Nov.- Jan. Was gregarious in open forests and grassy areas.

Flemingia nana Roxb. Hort. Beng. 56: 1814. Small herb. Flr.: Jan.- Feb. Rare; Raipur area. (*Flemingia macrophylla* (Willd.) Merr. is considered as synonym of *F. nana*. It was observed in the field that pods of *nana* are glandular while those of *macrophylla* are not glandular. Hence, considering these as two distinct species appears to be justified.)

Flemingia strobilifera (L.) W.T.Aiton., Hort. Kew., 4:350. 1812. Syn. *Flemingia bracteata* (Roxb.) Wight., *Flemingia strobilifera* var. *bracteata* (Roxb.) Baker . Shrub. Flr.: Oct.- Dec. Frequent in Caurakund and Rangubeli areas. (Earlier *F. strobilifera* and *F. bracteata* were considered as two distinct species. Stems in *strobilifera* are terete while in *bracteata* they are sharply angled.)

Flemingia lineata (L.) Aiton., Hort. Kew., 4:350. 1812. Syn. *Moghania lineata* (L.) O. Ktze. Undershrub. Flr.: Nov.- Jan. Frequent; in Caurakund and Rangubeli areas.

Galactia tenuiflora (Willd.) Wight & Arn., Prodr. Fl. Ind. Orient. 1:206. 1834. var. **latifolia** Baker. Slender twiner. Flr.: Aug.- Sep. Common, among tall grasses.

Indigofera angulosa Edgew., J. Asiat. Soc. Bengal 21(2): 168. 1852. Herb. Flr.: Sep.- Oct. Rare; in Dhulghat, Dabida forests.

Indigofera astragalina DC., Prodr. 2:228. 1825. Syn. *Indigofera hirsuta* sensu auct. Herb. Flr.: Sep.- Nov. Occasional, on hill slopes.

Indigofera cassioides Rottl. ex DC., Prodr. 2:225. 1825. Syn. *Indigofera pulchella* Roxb. ‘Bholori (Korku); Baroti, Jangli-nil’. Shrub. Flr.: Sep.- Dec. Frequent, on hill slopes.

Indigofera cordifolia Heyne ex Roth., Nov. Fl. Sp. 357. 1821. ‘Goddadi, Bichka’. Diffuse herb. Flr.: July- Mar. Common.

***Indigofera glabra** L., Sp. Pl. 2:751. 1753. Herb. Flr.: Sep.- Oct. Reported only from Semadoh range.

Indigofera glandulosa Willd., Sp. Pl. 3:1227. 1802. ‘Jhurju (Korku); Barbada’. Herb. Flr.: Aug.- Dec. Occasional, on low outer hills.

Indigofera linnaei Ali, Bot. Not. 111:549. 1958. Syn. *Indigofera enneaphylla* L. Diffuse herb. Flr.: July- Mar. Common, in open areas.

Indigofera linifolia (L.f.) Retz., Obs. Fasc. 4:29. 1786. Syn. *Hedysarum linifolium* L.f., *Indigofera linifolia* var. *campbellii* Baker. ‘Padarphali’. Herb. Flr.: July- Mar. Common.

(Note:- *Indigofera linifolia* var. *campbellii* mentioned by Dhore is now not considered as distinct variety. Distinction was based only on leaf character- leaves linear and leaves ovate.)

Indigofera tinctoria L., Sp. Pl. 715. 1753. ‘Nil’. Undershrub. Flr.: Oct.- Dec. Frequent, around villages.

Indigofera trita L.f., Suppl. Pl. 335. 1782. Undershrub. Flr.: Oct.- Dec. Not common, on waste lands around villages.

Macrotyloma uniflorum (Lam.) Verdc., Kew Bull. 24:322. 1970. Syn. *Dolichos uniflorus* Lam. Delicate climber. Flr.: Sep.- Nov. Rare; Gullarghat.

Melilotus indica (L) All. Fl. Pedem. 1:308. 1785. Herb. Flr.: Nov.- Feb. In irrigated fields at foot hills.

Melilotus officinalis subsp. **alba** (Medik.) H.Ohashi & Tateishi. Syn. *Melilotus alba* Ledeb. Herb. Flr. Nov. – Feb. In irrigated fields at foot hills.

Millettia extensa (Benth.) Baker., Fl. Brit. India 2(4):109. 1876. Syn. *Milletia auriculata* Baker ex Brandis., *Robinia macrophylla* Roxb. ‘Gaug, Garari’. Extensive woody climber. Flr.: May- June. Occasional, at higher elevations, more so along stream banks.

Mucuna pruriens (L.) DC. Prodr. 2:405. 1825. Syn. *Mucuna prurita* (L.) Hook.f., ‘Khajkuyari’. Woody itchy climber. Flr.: Oct.- Dec. Frequent.

Paracalyx scariosus (Roxb.) Ali., Univ. Stud. 5:95. 1968. Syn. *Cylista scariosa* Roxb. ‘Ranghevada; Seru’. Twiner. Flr.: Nov.- Mar. Not common; Dharni tahsil.

Pueraria tuberosa (Willd.) DC., Ann. Sci. Nat. 4:97. 1825. ‘Sural, Ghorvel, Vidari-kand’. Perennial climber. Flr.: Dec.- Jan. Frequent in dense forests; especially in Chikalda, Semadoh range.

Pongamia pinnata (L.) Pierre, Fl. For. Coch. Sub. 385. 1899. Syn. *Cytisus pinnatus* L., *Pongamia glabra* Vent. ‘Gangagi (Gondi); Karanj, Papar’. Medium, evergreen tree. Flr.: Jan.- July. Occasional. Wood was used as fuel.

Pseudarthria viscida (L.) Wight & Arn., Prodr. Fl. Ind. Orient. 1:209. 1834. Herb. Fr.: Sep.- Nov. Occasional, among grasses.

Pterocarpus marsupium Roxb., Pl. Cor. 2:9. 116. 1799. ‘Bija’. Large tree. Flr.: Oct.- Nov. Frequent. The wood is durable, seasons well and takes fine polish; was used for door frames, posts and beams, agricultural implements, carts and boats.

***Rhynchosia hirta** (Andr.) Meikle & Verdc. Taxon 462. 1967. Syn. *Rhynchosia albiflora* (Sims.) Alston., *Rhynchosia cynosperma* Baker. Woody climber. Flr.: Oct.- Dec. Rare; Rangrao (now a deserted village).

Rhynchosia minima (L.) DC., var **minima** Prodr. 2:385. 1825. Syn. *Dolichos minimus* L. ‘Turvel’. Climber. Flr.: Aug.- Nov. Common.

Rhynchosia minima var. **laxiflora** (Camb.) Baker, Hook.f. FBI 2:223. 1878. Syn. *Rhynchosia laxiflora* Camb. Twiner. Flr.: Aug.- Nov. Common.

Sesbania bispinosa (Jacq.) W. Wight, Bull. Bur. Pl. Industr. 137:15. 1909. Syn. *Aeschynomene bispinosa* Jacq., *Sesbania aculeata* (Willd.) Pers. ‘Jaita, Shevra, Ransaor; Ikad’. Tall undershrub. Flr.: Sep.- Nov. Common, in ditches and water-logged areas.

Smithia bigemina Dalz., Hooker's J. Bot. Kew Gard. Misc. 3:208. 1851. Herb. Flr.: Sep.- Oct. Rare, at higher elevations in ditches.

Smithia conferta Sm., Rees Cyclop. 33:2. 1819. Syn. *Smithia conferta* var. *geminiflora* (Roth) T.Cooke. Herb. Flr.: Sep.- Oct. Common, along streams and rivers and in ditches.

***Spatholobus parviflorus** (DC.) Kuntze, Revis. Gen. Pl. 1:205. 1891. Syn. *Butea parviflora* Roxb. ‘Maula, Malha- bel’. Large climber. Flr.; Cold season. In moist localities near nallas (dose considerable damage to a tree around which it twines with a tight grip).

Stylosanthes fruticosa (Retz.) Alston., Hand-Book Fl. Ceylon Suppl., 77. 1931. Syn. *Stylosanthes mucronata* Willd. herb. Flr.: Aug.- Jan. Rare; Harisal.

Tephrosia purpurea (L.)Pers., Syn. Pl. 2:329. 1807. ‘Unhali, Sarpunka; Otibholari (korku)’. Perennial undershrub. Flr.: Throughout year. Common.

Tephrosia senticosa (L.) Pers., Syn. Pl. 2:330. 1807. Syn. *Tephrosia tinctoria* var. *intermedia* (Wight & Arn.) Baker . Shrub. Flr.: Sep.- Nov. Rare; Kelapani area.

Tephrosia villosa (L.) Pers. , Syn. Pl. 2:329. 1807. Syn. *Cracca villosa* L. Herb. Flr.: Aug.- Sep. Rare; Kelapani and along road to Ghatang.

Teramnus labialis (L.f.) Spreng., Syst. 3:235. 1826. Syn. *Glycine labialis* L.f. ‘Ran udid, Tipani’. Twiner. Flr.: Sep.- Nov. Sparse, along borders of fields and on thickets.

Uraria picta (Jacq.) DC., Prodr. 2:324. 1825. ‘Bishnaparni, Pithvan’. Tall undershrub. Flr.: Sep.- Nov. Occasional.

Uraria rufescens (DC.) Schindl., Repert. Spec. Nov. Regni Veg. 21:14. 1925. Syn. *Desmodium rufescens* DC., *Uraria hamosa* (Roxb.) Wight & Arn. Tall undershrub. Flr.: Sep.- Nov. Common, in the undergrowth in dense forests.

Vigna radiata (L.) Wilczek. Fl. Congo Belge 6: 386. 1954. ‘Jangli –mug’. Twiner. Flr.: Sep.- Oct. Frequent, among tall grasses and in hedges.

Vigna radiata var. **sublobata** (Roxb.) Verdc. Kew Bull. 24:559. 1970. Syn. *Phaseolus sublobatus* Roxb., *Phaseolus trinervis* Wight and Arn. ‘Jangli - mug’. Procumbent herb. Flr.: Sep.- Nov. Common.

Vigna trilobata (L.) Verdc. Taxon 17:172.1968. Syn. *Phaseolus trilobatus* (L.) Schreb. Mungti. Procumbent Herb. Flr.: Sep.- Nov. Common, on open grasslands.

Zornia gibbosa Span., Linnaea 15:192. 1841. Syn. *Zornia diphylla* sensu auct. ‘Zipri’. Prostrate herb. Flr.: Aug.- Oct. Very common.

CAESALPINIOIDEAE

***Acrocarpus fraxinifolius** Arn., Mag. Zool. Bot. 2(12):547. 1839. Tree. Was planted in Coffee plantations

***Bauhinia divaricata** L., Sp. Pl. 374. 1753. Syn. *Bauhinia retusa* Poir. ‘Thaur (Gondi), Kangali (Korku); Semla, Kanlao, Koilar’. Moderate tree. Flr.: Sep.- Dec. Was rare, in moist localities.

Bauhinia malabarica L., Fl. Ind. 321. 1832. ‘Dhondel, Kangali (Gondi); Chapa (Korku), Ambotha’. Small tree. Flr.: Oct.- Nov. Common.

Bauhinia purpurea L. Sp. Pl. 375. 1753. ‘Koilari, Kanchnar’. Tree. Flr.: Sep.- Nov. Occasional.

Bauhinia racemosa Lam., Encycl. Meth. 1:390. 1785. ‘Bhosa, Apta, Ashta, Jhinhora; Dondri, Ashtra (Gondi); Bessed, Bhosal (Korku)’. Small tree. Flr.: Apr.- June. Common. Wood is used for bed-stead legs, pegs and fuel.

Bauhinia vahlii Wight and Arn., Prodr. 297. 1834. ‘Mahul’. Extensive climber. Flr.: June- Aug. Common, at higher elevations.

Bauhinia variegata L., Sp. Pl. 1:375. 1753. ‘Kachnar, (Korku) Champa, Koylar’. Small tree. Flr.: Jan.- Mar. Common.

Caesalpinia bonduc (L.) Roxb. Fl. Ind. 2:362.1832. Syn. *Caesalpinia bonducella* (L.) Flem, *Caesalpinia crista* L., ‘Kat, Sagargota’. Large climbing shrub. Flr.: July- Sep. At foot hills in heges near villages and along stream banks.

Caesalpinia decapetala (Roth.) Alst., Trim. Handb. Fl. Ceylon 6 (suppl.):89. 1931. Syn. *Caesalpinia sepiaria* Roxb. ‘Khailaia (Korku); Alal , Ari, Chilari’. Large shrub. Flr.: Dec.- Feb. Occasional.

Caesalpinia pulcherrima (L.) Swartz., Obs. 166. 1791. Syn. *Poinciana pulcherrima* L. Large shrub. Flr.: Throughout the year. Estalished as escape at few places.

Cassia fistula L., Sp. Pl. 1:377. 1753. ‘Jaggra, Kambar, Rera (Gondi); Banaka bhungdu (Korku); Bahawa, Amaltas’. Small tree. Flr.: May - Aug. Common. Heartwood very hard and durable, excellent for posts and agricultural implements. Bark was used for tanning and dyeing.

Chamaecrista absus (L.) H.S.Irwin & Barneby., Mem. New York Bot. Gard. 35(2):664. 1982 Syn. *Cassia absus* L., ‘Chaksu’. Herb. Flr.: Aug.- Oct. Common.

Chamaecrista mimosoides (L.) Greene., Pittonia 4(20):27. 1899. Syn. *Cassia mimosoides* L. Prostrate herb. Flr.: Aug.- Nov. Frequent, among grasses and roadsides.

Chamaecrista pumila (Lam.) K.Larsen., Nordic J. Bot. 13(4):404. 1993. Syn. *Cassia pumila* Lam. Prostrate berb. Flr.: Aug.- Nov. Common.

***Delonix elata** (L.) Gamble , Fl. Madras Pres. 396. 1919. Syn. *Poinciana elata* L. ‘Waykaran, Safed Gul-mohor’. Tree. Flr.: Jan. – Sep. Wood was used for bed-stead legs and combs.

Delonix regia (Hook.) Raf. Fl. Tell. 2:92. 1836. ‘Gul-mohor’. Tree. Flr.: Apr. -June. Planted.

***Hardwickia binata** Roxb., Pl. Cor. 3:209. 1819. ‘Bone (Korku); Anjan’.Tree. Flr.: Oct.- Jan. Planted. Heart wood is reddish-brown and strong, takes good polish, durable; was used for posts. Bark fibres used for cordage.

***Parkinsonia aculeata** L. Sp. Pl. 1: 375. 1753. ‘Devbabhul, Vilayati Babhul’ Small tree. Flr.: Oct. - Apr. Planted.

*** Saraca indica** L. Mant. Pl. 98. 1767. ‘Sita Ashok’ Tree. Flr.: Feb.- April. Planted.

Senna alexandrina Mill., Gard. Dict., 1. 1768. Syn. *Cassia angustifolia* Vahl. ‘Sonamakai’. Shrub. Flr.: Aug.- Oct. Cultivated on small scale; established in wild as escape in Amzari area.

***Senna auriculata** (L.) Roxb., Fl. Ind. 349. Syn. *Cassia auriculata* L. Shrub. Flr.: Oct.- Mar. Not common ; along Tapi river near Rangubeli. Bark was used for tanning and dyeing the leather.

Senna hirsuta (L.) H.S.Irwin & Barneby. Phytologia 44(7):499. 1979. Syn. *Cassia hirsuta* L. Undershrub. Flr.: Jun. - Dec. Rare; in Semadoh area.

Senna obtusifolia (L.) H.S. Irwin & Barneby., Mem. New York Bot. Gard. 35(1):252. 1982. Syn. *Cassia obtusifolia* L. ‘ Chakwar, Chakaor’. Herb. Flr.: Aug.- Nov. Frequent, mixed with *Senna tora*.

Senna occidentalis (L.) Link, Handb. 2: 140. 1831. Syn. *Cassia occidentalis* L. ‘Chakwar, Ran-takla, Kasivda’. Undershrub. Flr.: Sep.- Jan. Occasional, on manorial heaps and along road sides.

***Senna siamea** (Lam.) H.S.Irwin & Barneby., Mem. New York Bot. Gard. 35(1):98. 1982. Syn. *Cassia siamea* Lam. ‘Kashid’. Flr.: Aug. - Jun. Planted.

***Senna sophera** var. **purpurea** (Lindl.) V.Singh., J. Econ. Taxon. Bot. 16(3):600. 1992. Syn. *Cassia sophera* var. *purpurea* (Roxb.) Baker. Shrub. Flr.: Aug.- Dec. Common, weed of fallow lands.

Senna tora (L.) Roxb. Fl. Ind. 2. 340.1832. Syn. *Cassia tora* L. ‘Tarota’. Herb. Flr.: Aug.- Oct. Common.

Tamarindus indica L., Sp. Pl. 34. 1753. ‘Chinch, Imli’. Tree. Flr.: July- Aug. Occasional, only at village sites. Very old trees produce Ebony like dark purplish heart wood, was used for wheels, rice pounders, millets and oil mills.

MIMOSOIDEAE

Acacia chundra (Roxb.) Willd., Sp. Pl. 1078. 1806. Syn. *Mimosa chundra* Roxb. ex Rottl., *Acacia catechu* var. *sundra* (Roxb.) Prain. ‘Khair’. Small tree. Flr.: July- Sep. Common, abundant in some localities at Harisal and Dhargad.

***Acacia concinna** (Willd.) DC., Prodr. 2:464. 1825. Syn. *Acacia rugata* (Lam.) Merr ‘ Sikakai’. Large climber. Flr.: May- June. Was noted as rare; in bordering areas.

***Acacia ferruginea** DC., Prodr. 2:458. 1825. ‘Kar-khair (Gondi); Sonkhair, Pandhara khair’. Tree. Flr.: Jan.- Apr. Was seen only once in Semadoh range.

***Acacia jacquemontii** Benth., Lond. J. Bot. 1:499. 1842. ‘Murmati’. Shrub. Flr.: Feb.- Apr. Was noted on outer hills of Dharni and Ghatang. Bark used in tanning.

***Acacia lenticularis** Benth., Numer. List. n. 5244. 1831. ‘Bada- Khair’. Small tree. Flr.: Apr.- May. Was reported from Dhargad, Chaurakund and Dhargad ranges.

Acacia nilotica (L.) Del. Desir. Egypte Hist. Nat. 3:79. 1813. Tree. Flr.: July- Sep. On the outskirts of Melghat.

Acacia pennata (L.) Willd., Sp. Pl. 1090. 1806. Syn. *Mimosa pennata* L. ‘Chilati , Shembi , Choudaria arail’. Extensive scrambling shrub. Flr.: June- Aug. Frequent, along streams and in ravines.

Acacia torta (Roxb.) Craib., Kew Bull. 410. 1915. Syn. *Mimosa torta* Roxb. ‘Chilati; Arali’. Extensive woody climber. Flr.: May - Sep. Ferquent throughout.

Albizia lebbeck (L.) Benth., Lond. J. Bot. 3:87. 1844. Syn. *Mimosa lebbeck* L. ‘Siris, Bhingri, Sankesar’. Tree. Flr.: Mar. - Dec. Planted. Wood used for sugarcane crushers and oil mills.

***Albizia saman** (Jacq.) Merr. Sel. Pl. Indust. Cult. 12. 1891. Syn. *Samanea saman* (Jacq.) Merr. Tree. Flr.: May - June. Planted.

Albizia odoratissima (L.f.) Benth., Lond. J. Bot. 3:88. 1844. ‘Chinchwa (Korku); Chichwa, Yerjoohetta (Gondi) ; Chinchna, Kala siris’. Large tree. Flr.: Mar.- July. Frequent. Wood was used in oil mills and for wheels.

Albizia procera (Roxb.) Benth., Lond. J. Bot. 3:89. 1844. ‘Khini (Melghat); Papperginni, (Gondi), Safed siris, Gurar, Kurha, Kalsis’. Medium sized tree. Flr.: Aug.- Sep. Frequent. Heartwood brown, durable and seasons well. Was used for sugarcane crushers, rice pounders, house psots and beams.

Dichrostachys cinerea (L.) Wight and Arn., Prodr. 271. 1834. ‘Yelatri; Segum-kati’. Shrub. Flr.: Sep.- Dec. on outskirts, at hill foots. A good fuel plant, wood was used for walking sticks.

Lysiloma latisiliquum (L.) Benth., Trans. Linn. Soc. London 30:534. 1875. Syn. *Leucaena latisiliqua* (L.) Gillis & Stearn, *Mimosa latisiliqua* L. ‘Subabhal, Kubabhal’. Tree. Flr.: Jul. - Oct. Largely planted in forests.

Mimosa hamata Willd., Sp. Pl. 4:1033. 1806. ‘Chilati’. Shrub. Flr.: Throughout the year. Common.

***Mimosa rubicaulis** Lam. Encycl. 1(1): 20. 1783. ‘Chilati, Ail, Ar’. Shrub. Flr.: Aug.- Oct. Occured with *M. hamata*.

***Parkia biglandulosa** Wight & Arn., Prodr. 1:279. 1834. Tall tree. Flr.: Dec.- Feb. Planted.

Pithecellobium dulce (Roxb.) Benth., Lond. J. Bot. 3:199. 1844. Syn. *Mimosa dulcis* Roxb. ‘Vilayati chinch’. Tree. Flr.: Mar. –May. Planted.

POLYGALACEAE

Polygala arvensis Willd., Sp. Pl. 3(2) 876. 1802. ‘Phutani’. Herb. Flr.: Aug.- Oct. Common, in grasses.

Polygala elongata Klein ex Willd., Sp. Pl. 3:879. 1802. Herb. Flr.: Aug.- Oct. Frequent, in tall grasses.

Polygala persicariifolia DC., Prodr. 1:326. 1824. Herb. Flr.: Aug.- Sep. Rare; Salona, Khandukheda, Masoondi.

ROSACEAE

Potentilla supina L., Sp. Pl. 497. 1753. Prostrate herb. Flr.: Jan.- Mar. Rare, at higher elevations in drying ponds.

Prunus persica (L.) Stokes, Bot. Mat. Ned. 3: 100.1802. ‘Peach’. Small tree. Planted in Church primises.

RHAMNACEAE

***Helinus lanceolatus** Brandis., Forest Fl. N.W. India 574. 1874. Twining shrub. Flr.: Apr.- May. Rare.

Ventilago denticulata Willd., Neue Schriften Ges. Naturf. Freunde Berlin 3:417. 1801. Syn. *Ventilago calyculata* Tul. ‘Kharbel (Korku); Chiwati, Raktapiti, Sakel-vel.’. Extensive woody climber. Flr.: Nov.- Jan. Common. Bark of root gives valuable dye.

***Ventilago maderaspatana** Gaertn., Fruct. Sem. Pl. 1:223, pl. 49, f. 2. 1788.

(Note:- Some consider above two species as single; however, on the basis of extent of calyx these species can be clearly distinguished. Absence of *V. maderaspatana* needs to confirmed. Dhore do not consider it as separate species).

Zizyphus oenopolia (L.) Mill., Gard. Dict. 3. 1768. ‘Maker, Makoya (Korku); Iruni, Makoh’. Large shrub. Flr.: Jul.- Sep. Frequent, on slopes of low hills.

Zizyphus nummularia (Burm.f.) Wight & Arn.Cat. Ind. Pl. 31. 1833. Syn.
Zizyphus rotundifolia Lam. ‘Bor’. Small shrub. Flr.: Oct.- Dec. Rare, on lower outer slopes.

Zizyphus rugosa Lam., Encycl. Meth. Bot. 3:319. 1789. ‘Churni (Korku); Sakhari’. Small tree. Flr.: Dec.- Feb. Occasional, usually on plateaus of higher hills.

Zizyphus xylopyrus (Retz.) Willd., Sp. Pl.1104. 1798. Syn. *Rhamnus xylopyrus* Ret. ‘Kathbor, Ghatbor, Ghoti’. Small tree. Flr.: Apr.- June. Common. Wood was used in carts, agricultural equipments, firewood and to make charcoal.

ULMACEAE

Holoptelea integrifolia (Roxb.) Planch., Ann. Sci. Nat. (Ser.3) 10:259. 1848
Syn. *Ulmus integrifolia* Roxb. ‘Karanjal (Korku); Papra, Chiler’. Large tree. Flr.: Dec.- Jan. Scattered throughout. Wood was used for building, carts and carving.

CANNABACEAE

Trema orientalis (L.) Blume. , Mus. Bot. 2:62.1856. Syn. *Celtis orientalis* L. ‘Ghatari, Kapshi ; Thoar (Korku)’. Small tree. Flr.: Aug.- Nov. Restricted to certain areas only like Belkund, Dhakna, Tarubanda etc. Wood makes good gun-powder charcoal but not good as fire wood.

Trema politoria (Planch.) Blume., Mus. Bot. 2:58. 1856.‘Thoar’. Small tree. Flr.: Aug.- Nov. Scarce, Chikhaldara plateau (on fort only). Bark gives strong fibre.

MORACEAE

***Artocarpus integer** (Thunb.) Merr., Interpr. Herb. Amboin. 190 1917. Syn.
Artocarpus integrifolius L.f. Tree. Planted.

***Ficus amplissima** Sm., Cycl. 14:1. 1810. Syn. *Ficus tsiela* Roxb. ‘Guj (Korku)’. Large tree. Flr.: Dec.- Mar. Infrequent; was reported only from Khandu, Raipur and Chaurakund ranges.

Ficus arnottiana Miq., Ann. Mus. Lugd. Bot. 3:287. 1867. ‘Gadni-Pipli (Korku)’. Large tree. Flr.: Mar.- June. Not common, among rocks.

Ficus benghalensis L., Sp. Pl. 1059. 1753 . ‘Wora (Korku); Wad’. Very large tree. Flr.: Feb.- June. Fairly common. Wood was used for well curbs as it is durable under water.

Ficus elastica Roxb. Hort. Beng. 65.1814. Large tree. Planted in garden.

Ficus exasperata Vahl., Enum. Pl. 2:197. 1805. Syn. *Ficus asperrima* Roxb. Medium sized tree. Flr.: Jan.- Jun. Rare; Semadoh.

***Ficus heterophylla** L.f., Suppl. Pl. 442. 1782. ‘Datir’. Shrub. Flr.: Apr.- Jun. Rare; reported from river bed at Ranguveli.

Ficus hispida L.f., Suppl. 442. 1782 . ‘Korch (Korku); Kat- Umber, Kala-Umber’. Weak tree. Flr.: Throughout the year. Fairly common along stream banks, rivers and on mud flats.

***Ficus lacor** Buch.-Ham. Trans. Linn. Soc. London 15:150. 1827. ‘Pipri serilli (Gondi); Pepere Pakar (Korku)’. Was planted as avenue tree all over Melghat.

Ficus microcarpa L.f., Suppl. 442. 1782. ‘Pefri, Paras, Pipal’. Small tree. Flr.: Feb.- May. Not common; along banks of Pathal river in Khirpani locality.

***Ficus mollis** Vahl., Symb. Bot. 1:82. 1790. Syn. *Ficus tomentosa* Roxb. ex. Willd ‘ Son-Pakar, Kallu-goli’. Large tree. Flr.: Mar.- Apr. Was planted along road near Semadoh.

Ficus racemosa L., Sp. Pl. 1060. 1753. Syn. *Ficus glomerata* Roxb. ‘Umber, Audumber; Alarva (Korku)’. Large tree. Flr.: May - Sep. Occassional.

Ficus religiosa L., Sp. Pl. 1059. 1753 . ‘Pipri (Korku); Pipal, Pimpal’. Large tree. Flr.: Feb.- May. Occassional.

Ficus semicordata Buch.-Ham. ex Sm., Cycl. 14:71. 1810. Syn. *Ficus cunia* Buch.-Ham. ex Roxb. ‘Korelawa (Korku)’. Medium sized tree. Flr.: May- Jun. Rare,along ravines and nallas(Koktu valley).

***Ficus tinctoria** subsp. *gibbosa* (Blume) Corner., Gard. Bull. Singapore 17:476. 1960. Syn. *Ficus gibbosa* var. *parasitica* (J.Koenig ex Willd.) King.

‘Dahir, Gasti (Gondi); Chhanchri, Dadu, Banda’. Small tree. Flr.: Feb.- May. Was found on outskirts of Melghat.

Ficus virens Aiton. Hort. Kew. 3:451.1789. Syn. *Ficus infectoria* Roxb.

‘Pakri, Pakar, Korku- Papri, Phepar’. Tree, epiphytic when young. Flr.: Dec.- Jan. Occasional throughout.

Morus alba L. Sp. Pl. 986. 1753. Tuti, Shahtut. Flr.: Aug.- Dec. Frequent; cultivated for edible fruits and for sericulture.

(*Morus australis* and *Morus serrata* - were also cultivated in past.)

Streblus asper Lour., Fl. Cochinch. 1:615. 1790. ‘Karsani (Korku); Dahia, Poi, Kharota Phepar, Papri’. Small tree. Flr.: Apr.- Jul. Scarce; on outskirts of Melghat (Khatkali side).

URTICACEAE

Elatostema monandrum (Buch.-Ham. ex D.Don) H.Hara., Fl. E. Himal. 3rd. Repr.: 21. 1975. Syn *Elatostema surculosum* Wight. Small herb. Flr.: Sep.- Nov. Rare; collected only from Semadoh tourist complex.

Girardinia diversifolia (Link) Friis., Syn. *Girardinia zeylanica* Decne., *Girardinia heterophylla* (Vahl) Decne. ‘Agel zara(korku).’ Perennial herb. Flr.: Sep.- Nov. Occasional, at higher elevations and moist situations from Chikhaldara to Harisal range.

Pilea picta Herzog., Meded. Rijks-Herb. 27: 76 1915. Syn. *Pilea macrophylla* Rusby., *Pilea muscosa* Lindl. Small, diffuse herb. Flr.: Throughout the year. Not common, in moist situations.

*FAGACEAE

***Quercus incana** Bartram. Travels Carolina 378, 403 1791. Tree. Planted.

*JUGLANDACEAE

***Juglans regia** L. Sp. Pl. 997. 1753. Tree. Planted.

CASUARINACEAE

Casuarina equisetifolia L., Amoen. Acad. 4:143.1759 . ‘Saru, Suru’. Tree.
Flr. Sep. - Apr. Planted

CUCURBITACEAE

***Ceratosanthes palmata** (L.) Urb., Repert. Spec. Nov. Regni Veg. 15:323. 1918. Syn. *Trichosanthes palmata* Roxb. ‘Kaundal (Gondi); Kaundal, Mukal’. Woody climber. Flr.: Jul. - Sep. Common, on old walls and trees, Gavilgadh.

Corallocarpus epigaeus (Rottl.) Hook f., Fl. Brit. India 2: 628. 1879. Syn. *Bryonia epigea* Rottl. Monoecious herb. Flr.: Jul.- Sep. Rare; Chikhaldara.

Cucumis melo L., Sp. Pl. 1011. 1753. Syn. *Cucumis callosus* (Rottl.) Cogn. ex Cogn. and Harms, *Cucumis trogonous* Roxb., *Cucumis melo* var. *agrestis* Naud., Sherni’. Monoecious herb. Flr.: Sep.- Nov. Common.

(Previously *C. callosus* and *C. melo* var. *agrestis* were considered as two distinct species on the basis of male flowers being solitary in *melo* and fascicled in *agrestis*)

Cucumis prophetarum L., Cent. Pl. I 32. 1755. Perennial climber. Flr.: Jul.- Sep. Rare; distribution restricted to Semadoh, Masoondi, Gullarghat.

Cucumis setosus Cogn. in Dc. Monog. 3.:491.1881. Climber. Flr.: Aug.- Sep. Rare; Masoondi.

Diplocyclos palmatus (L.) C. Jeffrey., Kew Bull. 15:352. 1962. Syn. *Bryonia palmata* L. *Bryonopsis laciniosa* var. *walkeri* Chakrav. ‘Shivlingi’.Climber. Flr.: Sep.- Nov. Common.

Momordica balsamina L., Sp. Pl. 1009. 1753. Perennial climber. Flr.: Oct.- Nov. Rare; along road from Chikhaldara to Kolkhas, also was found at Vairat.

Momordica dioica Roxb. ex Willd., Sp. Pl. 605. 1805. ‘Kartula’. Perennial herbaceous climber. Flr.: Jun. - Sep. Frequent, on thickets and small trees.

Trichosanthes cucumerina L., Sp. Pl. 1008.1753. Large climber. Flr.: Aug. - Oct. Rare; Chaurakund.

BEGONIACEAE

Begonia crenata Dryand., Trans. Linn. Soc. London 1:162. 1791. Delicate herb. Flr.: Aug.- Oct. Occasional, at higher elevations.

CELASTRACEAE

Cassine glauca (Rottb.) Kuntze., Revis. Gen. Pl. 1:114. 1891. Syn. *Elaeodendron glaucum* (Rottb.) Pers. ‘Niru (Korku), Jamrasi, Aran’. Small tree. Flr.: Sep.- Nov. Common, more especially in Dhargad, Kelapani and Khatkali areas. Wood moderately hard, turning light brown on seasoning, takes fine polish; was used for cabinet work and picture frames.

Celastrus paniculatus Willd., Sp. Pl. 1125. 1798. ‘Malkangni, Pingvel’. Extensive woody climber. Flr.: Apr.- May. Occasional.

Gymnosporia emarginata (Willd.) Thwaites., Enum. Pl. Zeyl. 409. 1864. Syn. *Maytenus emarginatus* (Willd.) D. Hou. ‘Mekar (Korku), Bharati, Yekal’. Large shrub. Flr.: Oct.- Nov. Occasional.

OXALIDACEAE

Biophytum reinwardtii (Zucc.) Klotzsch., Naturw. Reise Mossambique 85. 1861. Herb. Flr.: Aug.- Dec. Occasional; at Semadoh, Chikhaldara.

Biophytum sensitivum (L.) DC., Prodr. 1:690. 1824. Syn. *Biophytum sensitivum* var. *candolleanum* Edgew. & Hook.f., *Oxalis sensitiva* L. ‘Lajalu’. Robust small herbs. Flr.: Aug.- Dec. Common.

(Differences between *B. sensitivum* and *B. reinwardtii* are very subtle).

Oxalis corniculata L., Sp. Pl. 435. 1753. Herb. Flr.: Throughout the year. Common, in moist and shady habitats.

Oxalis latifolia Kunth., Nov. Gen. Sp. 5:237. 1822. Perennial herb. Flr.: Aug.- Feb. Naturalized in Chikhaldara and Kolkaz areas.

Oxalis spiralis Ruiz & Pav. ex G.Don., Gen. Hist. 1:755. 1831. Syn. *Oxalis pubescens* Kunth. Small herb. Flr.: Sep.- Dec. Not common, on higher plateaus.

EUPHORBIACEAE

Acalypha ciliata Forsk. , Fl. Aegypt.-Arab. 162. 1775. ‘Kupi’. Herb. Flr.: Aug.- Nov. Common.

Acalypha indica L., Sp. Pl. 1003. 1753. Herb. Flr.: Throughout the year. Common.

Acalypha malabarica Muell.-Arg., Linnaea 34:42. 1865. Herb. Flr.: Aug.- Feb. Fairly common, in forest undergrowths, fields and river beds.

Baliospermum solanifolium (Burm.) Suresh., Interpret. Rheede's Hort. Malab. 106. 1988. Syn. *Baliospermum montanum* (Willd.) Muell.-Arg. ‘Jangli jamalgota, Danti’. Perennial undershrub. Flr.: Oct.- Feb. Occassional, on open lands in cultivated fields.

Chrozophora plicata (Vahl) A.Juss. ex Spreng. Syst. Veg. 3: 850 1826. Syn. *Chrozophora prostrata* Dalz & Gibbs. Prostrate herb. Flr.: Dec.- Feb. Occasional, in drying ponds and river beds.

Chrozophorarottleri (Geis.)Juss. Euphorb. Gen. Tent.28.1824. Herb. Flr.: Dec.- July. Common, in drying ponds, river beds and fields.

Euphorbia heyneana Spreng. Syst. Veg. 3: 791. 1826. Prostrate herb. Flr.: Throughout the year. Common.

Euphorbia heterophylla L. Sp. Pl. 453. 1753. Syn. *Euphorbia geniculata* Ort. ‘Dudhi’. Herb. Flr.: Throughout the year. Common.

Euphorbia hirta L., Sp. Pl. 454. 1753. ‘Dudhi’. Herb. Flr.: Throughout the year. Common.

Euphorbia katrajensis Gage., Bull. Misc. Inform. Kew 236. 1914. Herb. Flr.: Sep.- Dec. Rare; Chikhaldara.

Euphorbia neriifolia L. , Sp. Pl. 451. 1753 . ‘Thuar (Korku) ; Chowdhari Nivdung’. Large xerophytic shrub. Flr.: Feb.- Mar. On vertical faces of rocks of southern ranges and Chikhaldara plateau.

Euphorbia parviflora L., Syst. (ed.10) 2:1047. 1759. Syn. *Euphorbia hypericifolia* L. ‘Dudhi’. Herb. Flr.: Throughout the year. Common.

Euphorbia prostrata Ait. Hort. Kew. 2:139. 1789. Herb. Flr.: Throughout the year. Common, on moist open grounds and in shades of walls.

Euphorbia pycnostegia Boiss., Cent. Euphorb. 9. 1860. Herb. Flr.: Sep.- Nov. Rare; Chikhaldara.

Euphorbia thymifolia L. Sp. Pl. 454. 1753. Herb. Flr.: Throughout the year. Common.

Homonoia riparia Lour., Fl. Cochinch. 637. 179. ‘Jangli Kaner’. Large shrub. Flr.: Mar.- Apr. Not common; in beds of Sipna, Khapra rivers.

Jatropha curcas L., Sp. Pl. 1006. 1753. ‘Chandrajot’. Large shrub. Flr.: Dec.- May. Occasional, in villages.

Mallotus philippensis (Lam.) Müll.Arg. , Linnaea 34:196. 1865 Syn. *Croton philippense* Lam. ‘Sendri (Korku); Kamela, Kunku’. Small tree. Flr.: Oct.- Nov. Frequent, at higher elevations.

***Sapium sebiferum** (L.) Roxb., Hort. Bengal. 69 1814. Tree. Planted.

PHYLLANTHACEAE

Antidesma ghaesembilla Gaertn., Fruct. Sem. 1:189. 1788. Large shrub. Flr.: May- Jun. Not common; in Dhargad and Bori areas.

***Antidesma acidum** Retz. Observ. Bot. 5: 30. 1788. Syn. *Antidesma diandrum* (Roxb.) B.Heyne ex Roth. ‘Sabhellibhaji (Gondi); Amari, Masurbauri,’. Small tree. Flr.: May- Jun. Not common, in vallys only.

Bridelia retusa (L.) A. Juss., Euphorb. Gen. 109. 1824. Syn. *Bridelia sqamosa* (Lam.) Gehrm. ‘ Asna , Kasai ; Khadaka (Korku)’. Small tree. Flr.: Jul.- Sep. frequent. Wood hard, seasons well; was used for carts, agricultural implements etc.

Flueggea leucopyrus Willd., Sp. Pl. 4:757. 1806. Syn. *Securinega leucopyrus* (Willd.) Muell- Arg. Tall shrub. Flr.: Mar.- Aug. Rare; Chikhaldara.

Flueggea virosa (Roxb. ex Willd.) Royle., Bot. Himal. Mts. 328. 1836. Syn. *Securinega virosa* (Roxb. ex Willd.) Baill. ‘Pandhari Pithondi’. Shrub. Flr.: Jul.- Nov. Common.

Glochidion heyneanum (Wight & Arn.) Wight., Icon. Pl. Ind. Orient. 5: t. 1908. Syn. *Glochidion velutinum* Wight. ‘Kolia’. Small tree. Flr.: Apr.- May. Frequent, at higher elevations.

Phyllanthus amarus Schumach. & Thonn., Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd. 4: 195. 1829. Herb. Flr.: Jul. - Aug. Scarce.

Phyllanthus debilis Klein ex Willd., Sp. Pl. 4:582. 1805. Herb. Flr.: Aug.- Oct. Common, in moist forests.

Phyllanthus emblica L., Sp. Pl. 982. 1753. Syn. *Emblica officinalis* Gaertn. ‘Aola’. Tree. Flr.: Feb.- March. Fairly common.

Phyllanthus fraternus Webster , Contrib. Gray Herb. 176:53. 1955. Herb. Flr. Aug.- Apr. Common.

***Phyllanthus lawii** J. Graham., Cat. Pl. Bombay 181. 1839. ‘Bhui- Aoli’. Shrub. Flr.: Sep.- Oct. Was gregarious along river banks.

Phyllanthus maderaspatensis L., Sp. Pl. 982. 1753 . ‘Ran Aoli’. Undershrub. Flr.: Sep.- Feb. Frequent, in fields and along river banks.

***Phyllanthus reticulatus** Poir., Encycl. 5:298. 1804. Syn. *Kirganelia reticulata* (Poir.) Baill. Large shrub. Flr.: Dec.- May. Was fairly common along river banks and in moist localities.

***Phyllanthus urinaria** L., Sp. Pl. 982. 1753. Herb. Flr.: Aug.- Oct. In shady moist localities.

Phyllanthus virgatus G.Forst., Fl. Ins. Austr. 65. 1786. Syn. *Phyllanthus simplex* Retz. ‘ Bhui Aola’. Herb. Flr.: Aug.- Nov. Occasional.

MALPIGHIACEAE

Aspidopterys cordata (B.Heyne ex Wall.) A. Juss., Ann. Sci. Nat., Bot. II, 13:267. 1840. Extensive climber. Flr.: Aug.- Oct. Fairly common.

PUTRANJIVACEAE

***Putranjiva roxburghii** Wall., Tent. Fl. Napal. 61 1826. Tree. Flr.: Apr. - June. Planted.

PASSIFLORACEAE

Passiflora foetida L., Sp. Pl. 959. 1753. Slender climber. Flr.: Oct.- Jan. Not common; at foot hills.

SALICACEAE

Casearia tomentosa Roxb. Fl. Ind. 2:421. 1824. Syn. *Casearia elliptica* Willd., Sp. Pl. 2:628. ‘Kesa (Korku), Kali karai’. Tree. Flr.: Mar.- Apr. Occasional, at higher elevations in moist situations.

Casearia graveolens Dalz. Hooker's J. Bot. Kew Gard. Misc. 4:107. 1852. ‘Rivit (Korku), Pandhari karai’. Small tree. Flr.: May - June. Occasional, at higher elevations in valleys and on moist slopes.

Flacourtie indica (Burm. f.) Merr., Interpr. Rumph. Herb. Amb. 377. 1917. ‘Kandai, Bhekal, Gurgati’. Small tree. Flr.; Dec.- Feb. Common. The wood is hard and durable and was used for agricultural equipments.

***Salix babylonica** L., Sp. Pl. 1017 1753. Tree. Planted.

***Salix tetrasperma** Roxb. Pl. Coromandel 1:66, pl. 97. 1795. ‘Wallunj, Wandra; Bed’. Tree. Flr.: Feb.- Mar. Not common, along river banks.

VIOLACEAE

Hybanthus enneaspermus (L.) F.Muell. Fragm. 10:81. 1876. Syn. *Viola ennaesperma* L. Herb. Flr.: July- Jan. Occasional.

LINACEAE

Linum mysorensse B.Heyne ex Wall., Numer. List 1507. 1829. Herb. Flr.: Aug.- Nov. Occasional, but abundant at certain spots at higher elevations.

CALOPHYLLACEAE

***Mesua ferrea** L., Sp. Pl. 734. 1762.; ‘Nag-champa’. Tree. Flr.: Mar. - May. Was introduced as ornamental.

GERANIACEAE

Geranium mascatense Boiss., Diagn. Pl. Orient. 1:59. 1843. Syn. *Geranium ocellatum* Jacq. ex Camb. Herb. Flr.: Oct.- Dec. Rare, at higher elevations along moist slopes in interior of forests.

COMBRETACEAE

Anogeissus latifolia (Roxb. ex DC.) Wall. ex Guillem. & Perr., Fl. Seneg. Tent. 280. 1832. Syn. *Conocarpus latifolia* Roxb. ‘Arrna (Gondi); Dhura (korku), Dhawada, Bakli’. Tree. Flr.: Jun. - Aug. Common. Wood is handsome, compact, hard, tough and elastic; was used for cart axels, axe-handles, house posts and agricultural implements. Makes good charcoal.

***Anogeissus pendula** Edgew., J. Asiat. Soc. Bengal 21: 171. 1853. ‘Kala dhawada’. Tree with pendulous branches. Flr.: May - Jun. (Patel mentioned it on authority of Forsyth). Gives very good charcoal.

***Combretum decandrum** Jacq., Enum. Syst. Pl. 19. 1760. ‘Rurel, Roel ; Piwalavel’. Large climber. Flr.: Feb.- Mar. Rare; near Semadoh along nalla.

Combretum ovalifolium Roxb. Fl. Ind., ed. 2:226. 1832. ‘Piwarvel, Madhel; Retel (Korku)’. Woody climber. Flr.: Jan.- Feb. Frequent along stream banks and in ravines.

***Getonia floribunda** Roxb., Pl. Coromandel 1:61. 1795. Syn. *Calycopteris floribunda* (Roxb.) Lam. ex Poir ‘Ukshi, Kukurrang’. Shrubby climber. Flr.: Dec.- Mar.

Terminalia arjuna (Roxb. ex DC.) Wight & Arn., Prodr. Fl. Ind. Orient. 314. 1834. Syn. *Pentaptera arjuna* Roxb. ‘Koha (Gondi); Kahu, Arjun, Manji, Aajan’. Large tree. Flr.: Apr.- Jun. Common, abundant in certain localities. Heartwood darkbrown, was used for carts and agricultural implements.

Terminalia bellirica (Gaertn.) Roxb., Pl. Coromandel 2:54. 1805. ‘Kohakka (Korku); Tahaka, Taka, Banjir (Gondi); Beheda’. Large tree. Flr.: Mar.- May. Scattered throughout.

Terminalia chebula Retz., Obs. Bot. 5:31. 1788. ‘Karka, Hir, Harro (Gondi); Hirda, Hilda’. Medium sized tree. Flr.: Mar. - May. Sparce; scattered in

Semadoh and Chaurakund areas. Heartwood fairly durable, was used for house building, furniture and agricultural implements.

Terminalia tomentosa Wight & Arn. ‘Athna (Korku); Saj, Sajad’. Large tree. Flr.: Apr.- Jun. Common. Heartwood dark brown, very hard; was used for house building and agricultural implements; it is an excellent fuel, makes good charcoal.

(**Note:-** Earlier floras describe *T. tomentosa* as *Terminalia alata* Heyne ex Roth., nov. Pl. Sp. 379.1821. *T. alata* is not accepted even as synonym now.)

LYTHRACEAE

Ammannia baccifera L., Sp. Pl. 120. 1753. Herb. Flr.: Oct.- Dec. Common, in stream beds and marshy localities.

Ammannia multiflora Roxb., Fl. Ind. 1:447. 1820. Herb. Flr.: Sep.- Dec. Common, along streams and in marshy places.

Lagerstroemia parviflora Roxb., Pl. Cor. 1:47. 1796. ‘Sinna, Nelli (Gondi); Chekre (Korku), Lendia, Bondaro’. Tree. Flr.: Apr.- May. Common. Wood is hard and fairly durable; was used for agricultural implements and construction.

Lagerstroemia speciosa (L.) Pers. Pl. 2:72. 1806. ‘Tamhan’ Tree. Flr.: Jun. - Aug. Planted.

Rotala fimbriata Wight., Icon. Pl. Ind. Orient. 1: t. 217. 1839. Herb. Flr.: Sep.- Nov. Frequent, along streams and in marshy places.

Rotala occultiflora Koehne., Bot. Jahrb. Syst. 1:152. 1881. Herb. Flr.: Aug.- Nov. Rare; Tarubanda.

Rotala rotundifolia (Buch.-Ham. ex Roxb.) Koehne., Bot. Jahrb. Syst. 1(2):175. 1880. Syn. *Ammannia rotundifolia* Buch.-Ham. ex Roxb. Herb. Flr.: Nov. -Dec. Rare; Chikhaldara and Vairat.

Rotala serpyllifolia (Roth.) Bremek., Acta Bot. Neerland 3(1):149. 1953. Syn. *Micranthus serpyllifolius* Roth., *Ammania tenuis* Clarke. Semiaquatic herb. Flr.: Oct.- Jan. Common, in river and steam beds on rocks.

Woodfordia fruticosa (L.) Kurz, J. Asiat. Soc. Bengal 40(2):56. 1871. Syn. *Lathrum fruticosum* L., *Woodfordia tomentosa* Bedd. ‘Dhi, Khinni (Korku); Dhayati’. Shrub. Flr.: Jan.- Apr. Frequent.

ONAGRACEAE

Ludwigia octovalvis subsp. **sessiliflora** (Micheli) P.H.Raven. Kew Bull. 15:476. 1962. Syn. *Jussiaea suffruticosa* L. ‘Panlavang’. Perennial undershrub. Flr.: Aug.- Oct. Occasional, in marshy patches.

Ludwigia perennis L. Sp. Pl. 119.1753. Syn. *Ludwigia parviflora* Roxb. Herb. Flr.: Jan.- Mar. Occasional, in river beds.

MYRTACEAE

Eucalyptus globulus Labill., Voy. Rech. Pérouse 1:153. 1800. ‘Nilgiri’. Tree. Flr.: Dec.- Feb. Planted.

Syzygium cumini (L.) Skeels., Bull. Bur. Pl. Industr. U.S.D.A. 248:25. 1912. Syn. *Eugenia jambolana* Lam., *Myrtus cumini* L. ‘Naindi (Gondi); Jamun, Jambhul’. Large tree. Flr.: Apr.- Jun. Common. Heartwood tough, durable under water.

Syzygium salicifolium (Wight) J. Graham., Cat. Pl. Bombay 73. 1839. Syn. *Syzygium heyneanum* (Duthie) Gamble., *Eugenia heyneana* Duthie. ‘Gambu (Korku); Hendi (Gondi); Jamun, Jambhul’. Large shrub. Flr.: Mar.- Jun. Frequent, along banks of rivers and streams.

BURSERACEAE

Boswellia serrata Roxb. ex Colebr., Asiat. Res. 9:379. 1807. ‘Salai’. Tree. Flr.: Jan.- Mar. Common, on outer hills. Wood soft, was used chiefly as fuel and for manufacturing paper.

***Commiphora wightii** (Arn.) Bhandari., Bull. Bot. Surv. India 6:327. 1965. Syn. *Balsamodendron mukul* Hook. ex Stocks. ‘Guggul’ Shrub. Flr.: Feb.- Apr. Rare, in open, dry, rocky localities.

(Note:- Previously *Commiphora mukul* (Hook. ex Stocks) Engl. Monogr. Phan. 4:12. 1883. was considered as synonym of *C. wightii*. However, as per recent nomenclature these are two distinct species.).

Garuga pinnata Roxb., Pl. Coromandel 3:5. 1811. ‘Kekad, Kekeda (Korku); Kahud (Varhadi)’. Large tree. Flr.: Mar.- Apr. Common. Wood light, durable; was used for fuel, packing cases and hard boards.

ANACARDIACEAE

Anacardium occidentale L., Sp. Pl. 383. 1753. ‘Kaju’. Tree. Flr.: Aug. - Sep. Occasionally planted in forest establishments.

***Buchanania axillaris** (Desr.) Ramamoorthy., Fl. Hassan Distt., Karnataka 374. 1976. Syn. *Buchnania angustifolia* Roxb. ‘Morhania, Motha char’. Tree. Flr.: Jan.- Jul. Reported to grow on dry hill slopes.

Buchanania cochinchinensis (Lour.) M.R.Almeida., Fl. Maharashtra 1:287. 1996. Syn. *Buchnania lanzae* Spreng., *Buchnania latifolia* Roxb. ‘Char, Charoli, Chironji’. Tree. Flr.: Jan.- Feb. Frequent, on outer hills.

Lannea coromandelica (Houtt.) Merr., J. Arnold Arbor. 19(4):353. 1938. Syn. *Dialium coromadelicum* Foutt., *Odina wodier* Roxb. ‘Kekda, Mohin (Korku); Moyen’. Tree. Flr.: Feb.- Apr. Common.

Mangifera indica L. Sp. Pl. 200 1753. Large tree. Flr.: Jan.- Mar. Grows as wild in some deep ravines on hill slopes.

Spondias pinnata (L. f.) Kurz ., Prelim. Rep. Forest Pegu Append. A 44 & B: 42. 1875. Syn. *Spondias mangifera* Willd. ‘Amra, Ktamba’. Tree. Flr.: Feb.- Apr. Rare; abundant in Koktu.

Semecarpus anacardium L.f., Suppl. Pl. 182 1782. ‘Choso (Korku); Biba, Bhilawa’. Tree. Flr.: Sep.- Nov. Scattered.

SAPINDACEAE

Cardiospermum halicacabum L., Sp. Pl. 366. 1753. ‘Kapalphodi’. Climber. Flr.: Oct.- Dec. Common.

****Sapindus emarginatus*** Vahl., Symb. Bot. 3:54. 1794. ‘Ritha’. Tree. Flr.: Oct.- Dec. Near villages.

****Sapindus laurifolius*** Vahl., Prodr. 1: 608. 1824. ‘Ritha’. Tree. Flr.: Oct.- Dec. Near villages.

***Schleichera oleosa* (Lour.) Merr.**, Interpr. Rumph. Herb. Amboin. 337. 1917. ‘Baru (Korku); Kusum’. Tree. Flr.: Mar.- Apr. Common. The wood is reddish brown, very hard, was used in oil and sugar mills, carts and agricultural equipments. Gives first rate fire wood and charcoal.

RUTACEAE

***Aegle marmelos* (L.) Correa.**, Trans. Linn. Soc. London 5:223. 1800. ‘Marra, Mahaka, Maika, (Gondi); Bela (Korku), Bel’. Tree. Flr.: May - Jun. Common. Wood even and close grained, tough and strong but liable to split badly; was used in construction.

***Chloroxylon swietenia* DC.** Prodr. 1:625. 1824. ‘Bhira’. Tree. Flr.: Mar.- Apr. Common on outer hills. Wood is known as ‘Indian Stain wood’, was used for cabinet work, brush backs and also for furniture, picture frames, buildings, carts and agricultural equipments.

***Limonia acidissima* Groff.**, Lingnaam Agric. Rev. 2(L):22. 1924. Syn. *Feronia elephantum* Corr., *Feronia limonia* (L.) Swingle ‘Kawath, Kait’. Tree. Flr.: Mar.- Apr. Rare; only around villages. Wood was used for making naves of wheels, oil crushers and agricultural equipments.

***Murraya koenigii* (L.) Spreng.** Syst. Veg. 2:315. 1817. ‘Gandhela, Harri, Kathnim, Kadhi Nim, God Nim. Small tree. Flr.: Dec.- Apr. Wild on Chilkhdara plateau. Wood even-grained, hard and durable; was used in agricultural implements.

SIMAROUBACEAE

***Ailanthus excelsa* Roxb.**, Pl. Coromandel 1:23. 1795. ‘Maharukh’. Tree. Flr.: Jan.- Feb. Rare, in villages. Wood white and soft; was used for fishing floats, sword handles, spear sheaths, slate frames etc.

Ailanthus triphysa (Dennst.) Alston. Handb. Fl. Ceylon 6(suppl.): 41. 1931.
Syn. *Ailanthus malabarica* DC. ‘Ghorlimb’. Tree. Flr.: Feb.- Mar. Rare; was reported from Vairat and Makhala, now only single tree noted in Koktu – Dondhari Aam-Gate (by Ravindra Wankhade, Forest Officer).

MELIACEAE

Azadirachta indica A. Juss., Mem. Mus. Hist. Nat. 19:221. 1830. ‘Limbasi (Korku); Neem’. Tree. Flr.: Feb. - May. Planted; on foot hills of Melghat. Wood was used in construction, ship building and agricultural equipments.

Melia azedarach L., Sp. Pl. 384. 1753. ‘Bakan’. Tree. Flr. Mar.- May. Planted; on foot hills of Melghat. Heart wood reddish brown, takes good polish, was used for furniture.

Toona Ciliata Roem., Syn. Hesper. 139. 1846.; Syn. *Cedrela toona* Roxb. Tall tree. Flr.: Feb.- Mar. On higher plateaus; planted on Chikhaldara plateaus. Heart wood red, seasons well, takes good polish and easy to work. It is durable and not eaten by white ants; was used for furniture, carving and packing cases.

Soymida febrifuga (Roxb.) A. Juss., Mem. Mus. Hist. Nat. 19:251. 1832. ‘Soimi (Gondi); Rohan, Raktrohan’. Tree. Flr.: Mar.- May. Common. Heartwood bright red/ reddish brown; was used in construction, well work and agricultural equipments.

MALVACEAE

Abelmoschus ficulneus (L.) Wight & Arn., Cat. Ind. Pl. 14. 1833. Syn. *Hibiscus ficulneus* L.; ‘Ran bhendi’. Herb. Flr.: Sep.- Nov. Common.

***Abelmoschus manihot** (L.) Medic., Malva. 46. 1787. Syn. *Hibiscus manihot* L., *Hibiscus tetraphyllus* Roxb. ex Hornem. Large annual. Flr.: Sep.- Oct. Rare; Semadoh.

***Abutilon hirtum** (Lam.) Sweet, Hort. Brit. 1:53. 1826. Syn. *Sida hirta* Lam., *Abutilon graveolens* Wight. and Arn.; ‘Barkanghi’. Annual undershrub. Flr.: Sep.- Dec. Rare; near Behali.

***Abutilon indicum** (L.) Sweet, Hort. Brit. 1:54. 1826. Syn. *Sida indica* L.
‘Tepari, Kanghi, Petari’. Undershrub. Flr.: Sep.- Dec. Common; in Semadoh
and Khandu range.

Abutilon pannosum (G.Forst.) Schltdl., Bot. Zeit. 9:828. 1851. Syn. *Sida panosa* Forst.f., *Abutilon glaucum* (Cav.) Sweet, *Abutilon muticum* (DC.) Sweet. ‘Karandi, Makhmali-khapat’. Undershrub. Flr.: Sep.- Nov. Rare (was reported as common in Harisal and Khandu ranges by Patel).

***Adansonia digitata** L., Sp. Pl. 1190. 1753. Tree. Flr.: May - Jun. Was planted.

Azanza lampas (Cav.) Alef., Bot . Zeit. 19:297. 1861. Syn. *Hibiscus lampas* Cav., *Thespesia lampas* Dalz.& Gibbs.; ‘Chichandur (Korku); Jangli kapas’. Undershrub. Flr.: Sep.- Nov. Common.

Bombax ceiba L., Sp. Pl. 511. 1753. Syn. *Bombax malabaricum* DC., *Salmalia malabarica* (DC.) Schott.& Endl.; ‘Semal, Katesavar, Auri (Korku)’. Tree. Flr.: Feb.- Apr. Occasional. The wood is very soft; was used for matches and match boxes, packing cases, well-curbs etc.

Corchorus aestuans L., Syst. Nat. 2:1079. 1759. Syn. *Cochorus acutangulus* Lam. Herb. Flr.: Sep.- Nov. Frequent on hill slopes and along river beds and streams.

Corchorus fascicularis Lam., Encyclo. Meth. 2:104.1786. herb. Flr.: Sep.- Feb. Common, along river beds, streams and wet lands.

Corchorus olitorius L., Sp. Pl. 529.1753. ‘Chhunchhado (Gondi); Cooich’. Stout herb. Flr.: Sep.- Nov. Occasional, on moist lands amongst grasses and in fields. The well known jute fibre is obtained from the stem of its cultivar.

Corchorus tridens L., Mant. Pl. 2:566. 1771. Herb. Flr.: Sep.- Nov. Occasional, on moist lands.

Corchorus trilocularis L., Mant. Pl. 1:77. 1767. Herb. Flr.: Sep.- Nov. Fairly common, in strem and river beds, on moist lands.

Eriolaena hookeriana Wight. & Arn., Prodr. Fl. Ind. Orient. 70. 1834. ‘Bhondar (Gondi); Bhoti, Bhondi Dhaman, Kunjai (Gondi)’. Small tree. Flr.: Mar.- Jul. Not common; in Chaurakund and Harisal localities.

Eriolaena quinquelocularis (Wight & Arn.) Wight., Icon. Pl. Ind. Orient. 3: t. 822 1844. Syn. *Microchlaena quinquelocularis* Wight & Arn. Tree. Flr.: May- Jul.

Firmiana colorata (Roxb.) R.Br., Pterocymbium 235. 1844. Syn. *Sterculia colorata* Roxb. ‘Bodula, Walena, Samarri, Kaushy; Doda-mara (Gondi); Pinj, Chaara (Varhadi)’. Tree. Flr.: Mar.- Apr. (Patel noted it as frequent from hillslopes and valleys, in Dhulghat). Rare; was supposed to be extinct from Melghat few years back; Ravindra Wankhade - a forest officer recently noted it in reserved area of Vairat (1992).

Grewia abutilifolia Vent. ex Juss., Ann. Mus. Paris 4:92. 1804. ‘Sitagathalu (Korku)’. Shrub. Flr.: Jun.- Jul. Frequent.

***Grewia asiatica** L., Mant. Pl. 1: 122. 1767. ‘Phalsa’. Tree. Flr.: Mar.- May. Was cultivated for fruits.

***Grewia damine** Gaertn., Fruct. Sem. Pl. 2: 113 1790. Syn. *Grewia salvifolia* B.Heyne ex Roth. ‘Kharota’. Small tree. Flr.: July- Aug. Was common.

Grewia flavescens Juss., Ann. Mus. Paris 4:91. 1804. Syn. *Grewia pilosa* Lam.ex Poir. ‘Ghor dhaman’. Shrub. Flr.: Jul.- Sep. Occasional.

Grewia hirsuta Vahl., Symb. Bot. 1:84. 1790.; ‘Khad Dhamni’. Shrub. Flr.: Jul.- Sep. Common.

***Grewia orbiculata** Rottler., Neue Schriften Ges. Naturf. Freunde Berlin 4: 205. 1803. ‘Khesla, Kasul (Gondi); Dhamani (Korku), Dhaman’. Small tree. Flr.: Apr.- May. Rare; in Dhulghat range and Vairat area.

Grewia rothii DC. Prodr. 1: 509. 1824. Small tree. Flr.: Jul. - Nov. Not common; Bori, Raipur.

***Grewia sclerophylla** Roxb. ex G. Don., Gen. Hist. 1:550. 1831. Syn. *Grewia scabrophylla* Roxb.; ‘Sitagathalu (Korku), Gurbheli, Dhaman’. Shrub. Flr.: Jul. - Aug. Was common in Melghat in forest undergrowth.

Grewia tilifolia Vahl., Symb. Bot. 1:35. 1790. ‘Khesla (Gondi), Baringa (Korku), Dhaman, Pharsa, Dhamsi’. Small tree. Flr.: May- Jul. Common. Wood light brown, hard, tough and elastic; was used for shafts, tool-handles, oars etc.

Helicteres isora L., Sp. Pl. 963.1753. ‘Murad-sheng, Maror-phal, Jonka-phal, Bhendu; Korajbhoti (Korku)’. Shrub. Flr.: Jul- Oct. Abundent.

Hibiscus hispidissimus Griff. Not. Pl. Asiat. 4: 521 1854. Rambling Undershrub. Flr.: Sep. – Feb. Rare; in hilly tract of Chikhaldara and Dharni.

Hibiscus lobatus (Murray) Kuntze., Revis. Gen. Pl. 3(2):19. 1898. Syn. *Solandra lobata* Murr., *Hibiscus solandra* L. Herb. Flr.: Sep.- Nov. Very common.

Hibiscus micranthus L.f., Suppl. Pl. 308. 1782. Syn. *Hibiscus ovalifolius* (Forsk.) Vahl., Symb. Bot. 1:40.1790., *Urena ovalifolia* Forsk. ‘Chirethi’. Undershrub. Flr.: Oct.- Dec. Occasional.

Hibiscus panduriformis Burm.f., Fl. Ind. 157. 1768. Shrub. Flr.: Oct.- Jan. Rare; Gullarghat.

Kydia calycina Roxb., Pl. Coromandel 3:11, 215. 1819. ‘Bosha, Buruk, Baringa (Gondi); Bhoti, Arang, Puli, Moti-hiravanti’. Tree. Flr.: Jul.- Aug. Frequent.

Melochia corchorifolia L., Sp. Pl. 675.1753. Herb. Flr.: Dec.- Feb. Occasional; in Semadoh, Harisal, Kolkhas localities.

***Pterospermum acerifolium** (L.) Willd., Sp. Pl. 3: 729. 1800. ‘Muchkund’. Tree. Planted.

Sida acuta Burm.f., Fl. Ind. 147, 1768. Syn. *Sida carpinifolia* L.f. ‘Chikna, Kharanti, Bala’. Undershrub. Flr.: Throughout the year. Very common.

***Sida cordifolia** L., Sp. Pl. 684. 1753. ‘Kharenti, Bala’. Undershrub. Flr.: Aug. - Oct. Common, weed in waste lands and along roads.

Sida spinosa L., Sp. Pl. 683. 1753. Syn. *Sida alba* L. ‘Bariara’. Herb. Flr.: Sep.- Dec. Very Common.

Sida cordata (Burm.f.) Borss.Waalk., Blumea 14:182.1966. Syn. *Sida veronicifolia* Lam., *Sida humilis* Cav. ‘Kharenti’. Herb. Flr.: Aug.- Jan. Very common.

Sida mysorensis Wight & Arn. Prodr. Fl. Ind. Orient. 1: 59. 1834. Syn. *Sida glutinosa* Roxb. Undershrub. Flr.: Sep.- Nov. Occasional, around villages.

Sida rhombifolia L., Sp. Pl. 684. 1753. **ssp. retusa** Bross.; ‘Bariara, Kharenti’ Herb; very variable. Flr.: Sep.- Jan. Rare.

Sterculia urens Roxb., Pl. Coromandel 1:25, t. 24. 1795. Syn. *Firmiana simplex* (L.) W.Wight., ‘Carai, Kulu, Karu, Gular, Kadhai, Kandol; Hittum, Pinoh (Gondi); Teklej (Korku)’. Tree. Flr.: Dec.- Feb. Frequent.

***Sterculia villosa** Roxb., Fl. Ind. 3:153. 1832. ‘Kudal (Melghat), Kuthada (Korku); Sardol, Buti (Korku)’. Tree. Flr.: Mar.- Apr. Not common; on sandy or gravelly soil.

Thespesia populnea (L.) Soland. ex Correa, Ann. Mus. Par. 9:290. 1807.; ‘Paras pimpal’. Tree. Flr.: Aug.- Oct. Planted.

Triumfetta annua L., Mant. Pl. 73. 1767. Undershrub. Flr.: Sep.- Oct. Not common, among tall grasses at higher elevations.

***Triumfetta pilosa** Roth., Nov. Pl. Sp. 223. 1821. ‘Barijaljatang (Korku)’. Herb. Flr.: Sep.- Oct. Not common; in Semadoh, Gugamal and Khandu ranges.

Triumfetta rhomboidea Jacq., Enum. Syst. Pl. 22. 1760. ‘Anduli’. Undershrub. Flr.: Sep.- Dec. Common.

Triumfetta rotundifolia Lam., Encycl. 3(2):421. 1792. ‘Hiwa, Mendurali / Mendhurli’. Undershrub. Flr.: Sep.- Feb. Occasional, on the slopes of peripheral hills.

Urena lobata L., Sp. Pl. 692. 1753. Syn. *Urena lobata*. Subsp. *lobata* L., Sp. Pl. 692. 1753.; ‘Unga’. Undershrub. Flr.: Oct.- Nov. Frequent, along stream and river banks, mud flats and shade.

Urena sinuata L., Sp. Pl. 692. 1753. Syn. *Urena lobata* subsp. *sinuata* (L.) Borss. Waalk. ‘Ran kapas’. Undershrub. Flr.: Oct.- Nov. Frequent.

***Urena repanda** Roxb. ex Sm., Cycl. 37: Urena no. 6. 1819.; ‘Ran kapas’.
Shrub. Flr.: Oct.- Nov. Rare; in shady places of Raipur forests

Waltheria indica L., Sp. Pl. 673. 1753. Syn. *Waltheria americana* L.
Undershrub. Flr.: Aug.- Nov. Occasional, on hill slopes.

BIXACEAE

Cochlospermum religiosum (L.) Alston. Handb. Fl. Ceylon 6(Suppl.): 14
1931. ‘Ganer, Gongal, Ganai’ Tree. Flr.: Feb.- Apr. Rare; Belkund, Koha and
along the road from Chikhaldara to Dhamangaon- gadhi.

*DIPTEROCARPACEAE

Shorea robusta Gaertn., Suppl. Carp. 48. 1805. Tree. Flr.: Jan.- May. In
ornamental plantations only. Wood is very strong, used as timber.

MORINGACEAE

Moringa oleifera Lam., Encycl. 1(2):398. 1785. ‘Senja (Korku), Shevga,
Mungna’. Tree. Flr.: Jan.- Mar. Planted, also wild in some deep ravines on hill
slopes.

CAPPARACEAE

***Capparis grandis** L. f., Suppl. Pl. 263. 1782. ‘Pachran, Kautel, Pachunda’.
Tree. Flr.: Apr.- Oct. Rare; Popatkheda.

***Capparis sepiaria** L., Syst. Nat. 2:1071. 1759. ‘Katan, Aundi’ Shrub. Flr.:
Feb.- Apr. Rare; in Gugamal and Dhulghat ranges.

***Capparis spinosa** L., Sp. Pl. 503. 1753. Kiari, Kalvari’. Prostrate shrub. Flr.:
Feb.- Jun. Only on western outer hills.

Capparis zeylanica L., Sp. Pl. 720. 1762. Syn. *Capparis horrida* L.f. ‘Katerni
(Gondi); Waghati’. Shrub. Flr.: Dec.- Apr. Occasional, near villages and along
road sides.

***Crateva religiosa** G. Forst. Fl. Ins. Austr. 35. 1786. ‘Barna bila, Vai-varna,
Barmal’. Tree. Flr.: Mar.- May. Wood yellowish, was used for drums, combs
and turnery.

***Maerua oblongifolia** (Forssk.) A. Rich., Tent. Fl. Abyss. 1:32. 1847. Syn. *Capparis longifolia* Forsk., *Maerua arenaria* (DC.) Hook. f.& Thoms. Woody climber. Flr.: Dec.- Feb. Rare; on southern part of Dhargad range.

CLEOMACEAE

Cleome chelidonii L. f., Suppl. 300. 1782. Aquatic herb. Flr.: Jul. - Oct. Not common; along pond margins and in open marshy grass lands.

Cleome gynandra L., Sp. Pl. 671. 1753. Syn. *Gynandropsis gynandra* (L.) Briq., *Gynandropsis pentaphylla* (L.) DC. ‘ Pandhari Tilwan. Herb. Flr.: Aug.- Jan. Occasional; near villages on manurial heaps.

Cleome monophylla L., Sp. Pl. 672. 1753. Herb. Flr.: Aug.- Sep. Rare; Tarubanda.

Cleome scaposa DC. Prodr. 1: 239. 1824. Syn. *Cleome papillosa* T. Anderson. Herb. Flr.: Aug.- Sep. Rare; Dharkhora; Makhala and along Dhamangaongadhi- Chikhaldara road.

Cleome simplicifolia Hook.f. & Thomson., Fl. Brit. India 1: 169. 1872. Herb. Flr.: Aug.- Jan. Occasional, on slopes of low hill zone.

Cleome viscosa L., Sp. Pl. 672. 1753. ‘Pivli tilwan’. Herb. Flr.: Aug.- Jan. Fairly common.

BRASSICACEAE

Cardamine trichocarpa Hochst ex Rich., Tent . Fl. Abyss. 1:18. 1847. Syn. *Cardamine subumbellata* Hook.f. and T. Anders. Herb. Flr.: Throughout the year. Frequent, at higher elevations.

Cochlearia cochlearioides (Roth) Sant. & Makes., J. Bom. Nat . Hist. Soc. 54:804. 1957. Syn. *Alyssum cochlearioides* Roth., *Cochleria flava* Buch-Ham. ex Roxb. Herb. Flr.: Nov.- Jan. In the beds of river Khapra and Sipna.

Rorippa indica (L.) Hiern., Cat. Afr. Pl. 1:26. 1896. Syn. *Sysimbrium indicum* L., *Nasturtium indicum* DC.Herb. Flr.: Dec.- Feb. Rare; in river beds.

*OLACACEAE

***Olax scandens** Roxb., Pl. Coromandel 2:2. 1800. ‘Kurphodal (Korku); Dhehiani’. Climbing shrub. Flr.: Apr.- Jun. Near rivers and ravines (a destructive climber).

*OPILIACEAE

***Cansjera rheedii** Blanco., Fl. Filip. 73. 1837. ‘Kurpodol (Korku); Haradphuri’. Shrub. Flr.: Nov.- Dec. In moist areas along nallas on foot hills.

SANTALACEAE

Santalum album L., Sp. Pl. 349. 1753 . ‘Chandan’. Semiparasitic tree. Flr.: Mar.- Apr. Rare; on low bordering hills (also cultivated).

Viscum articulatum Burm.f. , Fl. Ind. 311.168 Syn. *Viscum nepalense* Spr. Leafless shrubby parasite. Flr.: Nov.- Feb. Not common, on variety of trees in Bori and Koktu localities.

LORANTHACEAE

Dendrophthoe falcata (L. f.) Etting., Denkschr. Kaisel. Akad. Wiss. Math.- Naturwiss. Klasse 32: 52,53,58. t.13. 1871. Semiparasitic shrub. Flr.: Oct.- May. Farly common, parasitic on variety of trees.

***Elytranthe parasitica** (L.) Danser. Bull. Jard. Bot. Buitenzorg III, 10:315. 1929. Syn. *Macrosolen parasiticus* (L.) Danser., *Loranthus lonicerooides* L. ‘Kawarka’ Parasite. Flr.: Oct. – Nov. Was included by Patel on authority of Dikinson.

(Note:- A list of forest plants for Berar circle (Vidarbha) was published by Mr. F B Dikinson, Conservator of Forests of Berar Circle in 1892.)

***Scurrula parasitica** L., Sp. Pl. 1:110 1753. Syn. *Loranthus scurrula* L. Parasitic shrub. Flr.: Oct.- Feb. Rare; on trees like *Pterocarpus* and shrubs like *Woodfordia*.

TAMARICACEAE

***Tamarix dioica** Roxb. ex Roth., Nov. Pl. Sp. 185. 1821. ‘Saran, Jhau, Chhini’. Gregarious shrub. Flr.: Nov.- Feb. Not common; in the river beds of Sipna and Tapi. The wood was used as fuel.

Tamarix ericoides Rottler & Willd., Ges. Naturf. Fr. Berlin Neue Schr. 4:214. 1803. ‘Sarata, Jhau.’ Shrub. Flr.: Oct.- Jan. Occasional, in beds of Dolar, Khapra and other rivers.

Tamarix indica Willd., Ges. Naturf. Fr. Berlin Neue Schr. 4:214. 1803. Syn. *Tamarix troupii* Hole, ‘Sarata’. Shrub. Flr.: Nov.- Feb. Common in river beds. Wood was largely used as fuel.

PLUMBAGINACEAE

Plumbago zeylanica L., Sp. Pl. 151.1753. ‘Chitrak.’ Perennial shrub. Flr.: Aug.- Jan. Frequent.

POLYGONACEAE

Persicaria glabra (Willd.) M.Gómez, Anales Inst. Segunda Ensen. 2: 278. 1896. Syn. *Polygonum glabrum* Willd. Herb. Flr.: Throughout the year. Common.

Polygonum plebium R. Br. , Prodr. 420. 1810. Prostrate herb. Flr.: Oct.- June. Common, in drying ponds, streams and river beds.

Rumex dentatus L., Mant. 2:226. 1771. Herb. Flr.: Sep.- Nov. Rare; in river beds.

DROSERACEAE

Drosera indica L., Sp. Pl. 282. 1753. Insectivorous herb. Flr.: Aug.- Sep. Rare; on Chikhaldara and Makhala plateau.

CARYOPHYLLACEAE

Polycarpaea corymbosa (L.) Lam., Tabl. Encycl. 2:129. 1797. Syn. *Achyranthes corymbosa* L. Sp. Pl. 205. 1753. Herb. Flr.: Aug.- Jan. Occasional, on rocky substrata.

AMARANTHACEAE

Achyranthes aspera L., Sp. Pl. 204. 1753. ‘Aghada, Kutra; Addha-Zara (Korku)’. Herb. Flr.: Throughout the year. Very common.

Achyranthes aspera var. **porphyristachya** (Wall. ex Moq.) Hook.f., Fl. Brit. India 4: 730. 1885. Large shrub. Flr.: Sep.- Feb. Rare; Vairat.

Achyranthes coynei Sant., Kew Bull. 3:488. 1949. Perennial herb. Flr.: Sep.- Nov. Rare; collected only once from Makhala plateau.

Aerva javanica (Burm.f.) Juss. ex Schult. Ann. Mus. Hist. Nat. 11: 131. 1808. Syn. *Iresine javanica* Burm.f. Hreb. Flr.: Feb. Rare; Harisal.

Aerva lanata (L.) Juss., Ann. Mus. Hist. Nat. 11: 131. 1808. Syn. *Achyranthes lanata* L. Herb. Flr.: Dec.- Feb. Fairly frequent in diverse habitats.

***Aerva sanguinolenta** (L.) Blume. Bijdr. 547. 1826. Undershrub. Flr.: Nov.- Feb. Common, in open areas.

Allmania nodiflora (L.) R.Br. ex Wight., J. Bot. (Hooker) 1: 226. 1834. Syn. *Allmania nodiflora* var. *dichotoma* (B.Heyne ex Roth) Hook.f. Herb. Flr.: Sep.- Nov. Not common; on rocky, shedy , moist hill slopes in Dhargad area.

Alternanthera pungens Nov. Gen. Sp. 2: 206. 1818. Procumbent herb. Flr.: Throughout the year. Occasional, along road sides.

Alternanthera sessilis (L.) DC. , Cat. Hort. Monsp. 4.77. 1813. Syn. *Gomphrena sessilis* L. Dcumbent herb. Flr.: Throughout the year. Common, along margins of rivers, streams and ponds.

Amaranthus cruentus L., Syst. Nat. 2:1269. 1759. Syn. *Amaranthus hybridus* subsp. *cruentus* (L.) Thell. *Amaranthus paniculatus* L. ‘Rajgira’. As escape in wild.

Amaranthus blitum subsp. **oleraceus** (L.) Costea., Sida 19: 984. 2001. Syn.
Amaranthus lividus L. Herb. Flr.: Aug.- Nov. Not common; Dhargad.

Amaranthus polygonoides L., Fl. Jamanica Pugill 2.27. 1759. Herb. Flr.:
Aug.- Nov. Frquent, in river beds and fields.

Amaranthus spinosus L., Sp. Pl. 991. 1753. ‘Kate-Math’. Tall herb. Flr.:
Sep.- Feb. Frequent, around villages on manurial heaps.

***Amaranthus tenuifolius** Willd. Sp. Pl.ed. 4,4:381.1805. Spreading herb.
Flr.: Aug.- Apr. Was common weed.

Celosia argentea L., Sp. Pl. 205. 1753. ‘Kardu, Kombada’. Herb. Flr.: Sep.-
Nov. Frequent in river beds, hlii slopes and fields.

Chenopodium murale L. , Sp. Pl. 219. 1753 . ‘Chandan-Batwa’. Herb. Flr.:
Dec.- May. Occasional, in river beds and forest nurseries.

Cyathula prostrata (L.) Blume., Bijdr. 549 1826. Creeping herb. Flr.: Oct.-
May. Rare.

Digera muricata (L.) Mart., Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol.
Nat. Cur. 13: 285. 1826. Syn. *Achyranthes muricata* L., *Digera arvensis*
Forsk. Herb. Flr.: Jul. - Mar. Occasional, in river beds and in fields as weed.

Gomphrena celosioides Mart., Nova Acta Phys.-Med. Acad. Caes. Leop.-
Carol. Nat. Cur. 13: 301. 1826. Perennial herb. Flr.: Throughout the year.
Scarce, along road sides and near villages.

Pupalia lappacea (L.) Juss., Ann. Mus. Natl. Hist. Nat. 2: 132. 1803. Annual
undershrub. Flr.: Oct.- Nov. Occasional.

Trichuriella monsoniae (L. f.) Bennet., Indian J. Forest. 8: 86. 1985. Syn.
Trichurus monsoniae (L.f.) C.C. Towns. Herb. Flr.: Sep.- Nov. Frequent; in
Raipur and Semadoh ranges.

NYCTAGINACEAE

Boerhavia chinensis (L.) Rottb., Pl. Hort. Univ. Rar. Prog. 4. 1773. Syn.
Boerhaavia rependa Willd., *Valeriana chinensis* L. Herb. Flr.: Oct.- Feb.
Sparse.

Boerhavia diffusa L., Sp. Pl. 3.1753. ‘Khaparkuoti, Punarnava’. Herb. Flr.: Throughout the year. Common.

MOLLUGINACEAE

Glinus lotoides L. , Sp. Pl. 463.1753. Syn. *Mollugo hirta* Thunb. Herb. Flr.: Dec.- Feb. Common, in river beds, streams and drying ponds.

Glinus oppositifolius (L.) Aug. DC., Bull. Herb. Boissier II, 1:559. 1901. Syn. *Mollugo oppositifolia* L., *Mollugo spergula* L. Herb. Flr.: Dec.- May. Common, in river beds, streams and drying ponds.

Mollugo pentaphylla L., Sp. Pl. 1:89.1753. Herb. Flr.: July- Nov. Common, in moist situations.

PORTULACACEAE

Portulaca oleracea L., Sp. Pl. 445.1753. ‘Ghol’. Herb. Flr.: Throughout the year. Very common.

Portulaca quadrifida L. Mant. 1:73.1767. Herb. Flr.: Jan.- Jun. Occasional, on wet mud flats, river beds and streams.

* CACTACEAE

***Opuntia elatior** Mill. Gard. Dict. (ed.8) no.4. 1768. Syn. *Opuntia dilleni* Grah. ex Dalz and Gibs.

*CORNACEAE

***Alangium salviifolium** (L.f.) Wang., Pflanzenr. IV, 220b: 9. 1910. Syn. *Alangium lamarckii* Thw. ‘Ankol; Akel, Akola’. Small tree. Flr.: Feb.- Apr. Rare; on the outskirts of Melghat. Wood very though; was used for yokes, carrying poles and fuel.

BALSAMINACEAE

Impatiens balsamina L., Sp. Pl. 938.1753. ‘Tiwadi, Terda’. Herb. Flr.: Aug.- Nov. Common.

LECYTHIDACEAE

Careya arborea Roxb., Pl. Coromandel 3:14. 1819. ‘Kumbhi’. Large tree. Flr.: Feb.- Mar. Frequent in Chikhaldara and Semadoh ranges and Vairat plateau. Heartwood scanty, hard, strong and elastic, seasons well and takes good polish, was used for agricultural implements, carts and rudders.

SAPOTACEAE

Madhuca longifolia var. **latifolia** (Roxb.) A.Chev., Rep. Bot. Appl. 23:149. 1943. Syn. *Madhuka indica* Gmel., ‘Mu (Korku); Irup, Irip (Gondi); Mahua, Mowa, Moha’. Large tree. Flr.: Feb.- Mar. Common.

***Manilkara hexandra** (Roxb.) Dub., Ann. Mus. Colon. Marseille III, 3:9. 1915.. Syn. *Mimusops haxandra* Roxb. ‘Rayan, Raini (Gondi); Khirani’. Large tree. Flr.: Oct.- Nov. In bordering areas of Melghat. Wood was used for oil-press, house posts, tool-handles and turnery.

***Mimusops elengi** L., Sp. Pl. 349.1753. ‘Bakul.’ Tree. Flr.: Mar. - Jun. Planted.

EBENACEAE

***Diospyros chloroxylon** Roxb., Pl. Coromandel 1:38 1795. ‘ Kauli, Nanai; Anduli (Gondi).’ Small tree. Flr.: July- Sep. Rare; in bordering areas.

***Diospyros malabarica** (Desr.) Kostel., Allg. Med.-Pharm. Fl. 3:1099. 1834. Syn. *Diospyros embryopteris* Pers. ‘Gab, Make-tendu, Kala-tendu, Timbursi.’ Tree. Flr.: Mar.- May. Very rare; near deep nallas.

Diospyros melanoxylon Roxb., Pl. Cor. 1:36. 1795. ‘Tumri (Gondi); Tendu, Tembhurni’. Tree. Flr.: Feb.- Apr. Common. Wood fairly tough and durable; used for shoulder posts and buildings.

***Diospyros montana** Roxb., Pl. Coromandel 1:37. 1795. ‘Michi-timri (Gondi); Bistendu, Lohar, Tendu, Temru, Temburni.’ Tree. Flr.: Mar.- May. Fairly common in Khandu range. Wood brownish- grey; was used in agricultural implements.

PRIMULACEAE

Anagallis arvensis L., Sp. Pl. 148. 1753. Syn. *Anagalis arvensis* var. *Coerulea* (Schreb.) Gren. & Godr. Herb. Flr.: Dec.- Feb. A weed of irrigated fields.

Anagalis pumila Sw., Prodr. Veg. Ind. Occ. 40.1788. Syn. *Centunculus tenellus* Duby. Tiny herb. Flr.: Sep.- Oct. Not common, in open grass lands.

Ardisia solanacea (Poir.) Roxb., Pl. Coromandel 1:27. 1795. ‘Kantena, Maya-rawa.’ Shrub. Flr.: Apr.- May. Not common; in Semadoh, Kolkhas area along banks of Sipna river.

Embelia ribes Burm.f., Fl. Indica 62. 1768. ‘Bhringeli (Korku); Waiwarang, Karkanni.’ Shrub. Flr.: Mar.- May. Frequent, at higher elevations.

***Embelia tsjeriam-cottam** (Roem. & Schult.) A. DC., Trans. Linn. Soc. London 17:131. 1834. Syn. *Embelia robusta* Roxb. ‘Bharangeli, Brangeli (Korku); Gaiga, Baibarang, Ambati, Byebering.’ Small tree. Flr.: Apr.- July. Common in Chaurakund forsts.

(Note:- Was not observed by later workers. However, authors recently in 2010 have seen the species in Sukalihenda area; that is about after 58 years the species is relocated. Report not published.)

Maesa indica (Roxb.) A. DC., Trans. Linn. Soc. London 17(1): 134. 1834. Syn. *Baeobotrys indica* Roxb. (this an unresolved name) ‘Atki.’ Large shrub. Flr.: Oct.- Mar. Not common, in Chaurakund and Rangubeli areas in moist valleys.

RUBIACEAE

Canthium coromandelicum (Burm.f.) Alston., Handb. Fl. Ceylon 6 (Suppl.): 152. 1931. Syn. *Canthium parviflorum* Lam., ‘Khrni.’ Shrub. Flr.: May.- Jul. Occasional.

Catunaregam spinosa (Thunb.) Tirveng., Adansonia 35:13. 1978. Syn. *Xeromphis spinosa* (Thumb.) Keay. ‘Gheta (Korku); Mainphal.’ Small tree. Flr.: Apr.- Jun. Frequent in outer parts of Melghat. Heart wood light-brown, compact, hard; was used for agricultural implements.

Ceriscoides turgida (Roxb.) Tirveng. Syn. *Gardenia turgida* Roxb., ‘Phetra; Phurpata (Korku).’ Small tree. Flr.: Apr.- May. Frequent.

***Chassalia curviflora** (Wall.) Thwaites., Enum. Pl. Zeyl. 150. 1859. ‘Antabi.’ Shrub. Flr.: Apr.- June.

Coffea arabica L., Sp. Pl. 172. 1753. Shrub. Flr.: Aug. - Sep. Only few plantations on Chikhaldara plateau, made by Britishers.

Dentella repens (L.) J.R.Forst. & G.Forst., Char. Gen. Pl. 13. 1775. Herb. Flr.: Jan.- Mar. Common, on wet rocks in river beds.

***Gardenia gummifera** L.f., Suppl. Pl. 164. 1782. ‘Dikamali, Kumarri.’ Shrub. Flr.: Feb.- June. (Patel included it on authority of Brandis).

***Gardenia latifolia** Ait., Hort. Kew. 1:294. 1789. ‘Ghoghar; Guggul.’ Tree. Flr.: Mar.- May. Fairly common. Wood easy to work, used to make combs.

Gardenia resinifera Roth., Nov. Pl. Sp. 150. 1821. Syn. *Gardenia lucida* Roxb. ‘Dikamali.’ Small tree. Flr.: Jul.- Sep. Not common; only planted.

Haldina cordifolia (Roxb.) Ridsdale., Blumea 24:361. 1978. Syn. *Adina cordifolia* (Roxb.) & Hook. f. ‘Haldu, Karam, Hedu.’ Large tree. Flr.: Jun.- Jul. Fairly common. Wood reddish, seasons well, moderately hard, durable, takes good polish. Was used for agricultural equipments, furniture and construction; from rejected pieces bobbins, coat-hangers, silk-cloth sticks and combs were manufactured; was also used for indoor fittings.

Hymenodictyon orixense (Roxb.) Mabb., Taxon 31:66. 1982. Syn. *Hymenodiction excelsum* (Roxb.) DC. ‘Borsal, Bhawarsal (Korku); Bhaulan, Bhorsal, Bhawarmal.’ Large tree. Flr.: June- July. Occasional in moist valleys of interior.

Ixora pavetta Andr., Bot. Repos. 2: t. 78. 1799. Syn. *Ixora arborea* Roxb. ex Sm., *Ixora parviflora* Vahl ‘Lokhandi, Kura, Kurat.’ Shrub. Flr.: Feb.- Apr. Not common; along the banks of rivers in Semadoh area.

***Knoxia sumatrensis** (Retz.) DC., Prodr. 4:569. 1830. Syn. *Knoxia corymbosa* Willd. Herb. Flr.: Aug.- Nov. Rare; Gavilgadh.

***Meyna laxiflora** Robyns., Bull. Jard. Bot. Etat 11:228. 1928. ‘Petu (Korku); Alu, Alam’. Small tree. Flr.: Feb.- May. Scarce; Dhulghat range.

Mitragyna parvifolia (Roxb.) Korth. Observ. Naucl. Indic. 19. 1839. Syn. *Stephegyne parvifolium* (Roxb.) Korth. ‘Kutebi (Korku); Kalam, Kadamb’. Large tree. Flr.: May- Jun. Common. Wood was used for agricultural implements and for making bobbins.

***Morinda coreia** Buch.-Ham. Trans. Linn. Soc. London 13:537. 1822. *Morinda tinctoria* var. *tomentosa* Hook.f. Tree. Flr.: Mar.- June. Common.

Mussaenda frondosa L., Sp. Pl. 177. 1753. Small tree. (Mentioned by Venkanna only.)

Neanotis montholonii (Hook.f.) W.H.Lewis., Ann. Missouri Bot. Gard. 53:39. 1966. Syn. *Anotis montholoni* Hook.f. Herb. Flr.: Aug.- Oct. Common.

***Neolamarckia cadamba** (Roxb.) Bosser., Adansonia ser.4. 6:247. 1984. Syn. *Anthocephalus cadamba* (Roxb.) Miq. ‘Kurambo (Korku); Kadamb.’ Tree. Flr.: May – July. Wood used for building and packing cases. Planted.

Note:- One tree is reintroduced in the premises of Forest Rangers Training Centre at Chikhaldara.

Oldenlandia affinis (Roem. & Schult.) DC. Prodr. 4: 428. 1830. Herb. Flr.: Sep.- Oct. Common, in hilly areas among grasses.

Oldenlandia corymbosa L. , Sp. Pl. 119. 1753. Herb. Flr.: Sep.- Apr. Common.

***Oldenlandia diffusa** (Willd.) Roxb., Hort. Bengal. 11. 1814. Herb. Flr.: Sep.- Oct. Not common; on hillsides mixed with *O. corymbosa*.

***Pavetta indica** L. Sp. Pl. 110. 1753. ‘Angari, padera.’ Shrub. Flr.: Jan.- Aug. Rare; on the river bank in Nagzari.

***Rubia cordifolia** L. Syst. Nat. ed. 12. 229. 1767. ‘Manjishta.’ Perennial climbing herb. Flr.: Aug.- Sep. Reported only from Chikhaldara.

Spermacoce articulatis L.f., Suppl. Pl. 119. 1782. Syn. *Borreria articulatis* (L.f.) F. N. Will. Herb. Flr.: Sep.- Mar. Common.

Spermacoce verticillata L. Sp. Pl. 102. 1753. Syn. *Borreria stricta* G. Mey.
Herb. Flr.: Aug.- Nov. Very common.

Spermadictyon suaveolens Roxb., Pl. Coromandel 3: 32. 1815. Syn.
Hamiltonia suaveolens Roxb. ‘Guwagad, Barcha, Girda, Gaidaswa, Jitsaya.’
Shrub. Flr.: Oct.- Jan. Frequent.

Tamilnadia uliginosa (Retz.) Tirveng. & Sastre., Mauritius Inst. Bull. 8(4):85
1979. Syn. *Xeromphis ulginiosa* (Retz.) Maheshwari. Syn. *Randia ulginiosa*
(Retz.) Poir. ‘Ghangru, Purput (Korku); Tup-kela, Kala Pendhara’. Small tree.
Flr.: May- Jul. Scattered (better represented in Chaurakund, Rangubeli areas).

***Wendlandia heynei** (Schult.) Santapau & Merchant. Bull. Bot. Surv. India
3:110. 1962. Syn. *Wendlandia exserta* (Roxb.) DC. ‘Tillai (Korku); Bathera,
Chanlai, Chila’. Small tree. Flr.: Feb.- Apr. Rare; Chikhaldara. Wood redish,
hard; was used for building and agricultural implements.

GENTIANACEAE

Canscora diffusa (Vahl) R.Br. ex Roem. & Schult., Syst. Veg. 3:301. 1818.
Syn. *Canscora decurrentis* Dalz., Syn. *Gentiana diffusa* Vahl. Herb. Flr.: Nov.-
Feb. Common, in moist places.

Centaurium centaurioides (Roxb.) S.R.Rao & Hemadri., J. Bombay Nat.
Hist. Soc. 67:357. 1970. Syn. *Erythraea roxburghii* G. Don. Herb. Flr.: Sep.-
Nov. Common, weed in fields.

Exacum tetragonum Roxb., Fl. Ind. 1:413. 1820. Syn. *Exacum bicolor*
Roxb. Herb. Flr.: Oct.- Jan. Rare; Bori nalla.

Exacum lawii C.B.Clarke., Fl. Brit. Ind. 4:98. 1883. Herb. Flr.: Aug.- Nov.
Rare; Masoondi.

Exacum pumilum Griseb., Prodr. 9:46. 1845. Herb. Flr.: Aug.- Oct. Rare;
along Ghatang- Semadoh road.

Exacum pedunculatum L., Sp. Pl. 112. 1753. Herb. Flr.: Oct.- Dec.
Common, in stream and river beds.

Hoppea dichotoma Willd., Ges. Naturf. Fr. Neue Schr. 3:435. 1801. Herb.
Flr.: Sep.- Nov. Fairly common on moist open grounds.

Swertia minor Knobl., Abh. Konigl. Akad. Wiss. Berlin 1891:338. 1892.
Herb. Flr.: Jul. - Oct. Rare: Chikhaldara.

LOGANIACEAE

Mitreola petiolata (J.F.Gmel.) Torr. & A.Gray., Fl. N. America 2:45. 1845.
Mitreola oldenlandioides Wall.ex A. DC. Herb. Flr.: Nov.- Jan. Frequent, in
Dolar, Koktu and Belkund localities.

APOCYNACEAE

Alstonia scholaris (L.) R. Br., Mem. Wern. Nat. Hist. Soc. 1:76. 1811. Syn.
Echites scholaris L. ‘Saptaparni.’ Tree. Flr.: Dec.- Mar. Planted.

Calotropis gigantea (L.) R. Br. in Ait.f., Hort. Kew (ed. 2) 2:78. 1811. ‘Rui,
Mandar, Madar, Aak, Safed aak.’ Large shrub. Flr.: Throughout the year.
Occasional, mostly near human habitats. The wood was made into gun powder.

Calotropis procera (Ait.) R. Br., Ait. Hort. Kew.(ed.2) 2:78. 1811. ‘Rui.’
Shrub. Flr.: Throughout the year. Occasional, around villages.

***Carissa spinarum** L. Mant. Pl. 559. 1771., Syn. *Carissa congesta* Wt.,
Carissa diffusa Roxb ‘Karwand, Garinga, Timukhia, Gotho.’ Shrub. Flr.:
Mar.- May. On outer hills Khandu range. Wood was used to make combs and
in turnings.

***Carissa carandas** L. Mant. Pl. 1: 52 1767. Shrub. Flr.: Jan.- Apr. Rare; in
bordering areas of Melghat.

Ceropegia bulbosa Roxb. Pl. Coromandel 1: 11. 1795. Climber. Flr.: July.
Rare in Melghat.

Ceropegia oculata Hook., Bot. Mag. 70: t.4093.1844. Herbaceous twiner.
Flr.: July- Sep. Rare; collected only once from Bhutkhora.

Ceropegia odorata Nimmo., Cat. Pl. Bombay 118. 1839. Twining herb. Flr.:
Aug.- Sep. Rare; Tarubanda. (Was collected by Ansari in 1977; later seen only
once by authors on the down cliff of Belkund rest house).

Cryptolepis dubia (Burm.f.) M. R. Almeida., Fl. Maharashtra 3A:221. 2001.
Syn. *Cryptolepis buchnani* Roem. and Schultz. ‘Bokharia (Gondi); Karanta,
Medhkasinghi, Kawavel’. Woody climber. Flr.: Jun.- Aug. Common.

Dregea volubilis (L.f.) Benth. ex Hook.f., Fl. Brit. India 4:46. 1883. Syn.
Marsdenia volubilis (L.f.) Cooke. ‘Dodi, Ikdodi, Harandodi, Ghaidudhivel.’
Extensive climber. Flr.: Jun. - Aug. Frequent.

Hemidesmus indicus (L.) R. Br. ex Schult., Syst. Veg. 6:126. 1820
.‘Anantmul, Khobarvel.’ Perennial twiner. Flr.: Sep.- Jan. Common, in hill
forests.

Holarrhena pubescens Wall. ex G.Don, Gen. Hist. 4:78. 1837. Syn.
Holarrhena antidysenterica (Roth) Wall. ex A.DC. ‘Kuda, Pandhara kuda;
Samoka, Girchi (Gondi); Kuraka, Kurakatto (Korku).’ Small tree. Flr.: Apr.-
Jul. Very common. Wood soft; was used for carving, turning and furniture.

Holostemma ada-kodien Schult., Syst. Veg. 6:95. 1820. Syn. *Holostemma annulare* (Roxb.) K. Schum., *Holostemma rheedianum* Spreng. ‘Ranimaroi,
Gaganth-juti; Morewan.’ Twining shrub. Flr.: July- Sep. Rare; on thickets in
Dhargad and Bori localities.

Ichnocarpus frutescens (L.) W.T.Aiton., Hortus Kew. 2: 69 1811. Large
twining shrub. Flr. Sep. – Dec. Rare; Khatkali range.

Ichnocarpus ovatifolius A. DC. Haines, Bot. Bih. & Ors. 2:573.1961. Large
twining shrub. Flr.: Oct.- Dec. Rare; Harisal.

Note:- All Indian floras mention only single species of *Ichnocarpus* i.e.
I. frutescens; H. H. Haines (1916) described an additional species i.e.
Ichnocarpus ovatifolius DC. However, he has stated De Candole who himself
is not sure about the distinct status of *I. ovatifolius*, the difference noted by him
being not adequate. He distinguished two species on the basis of pubescence
of corolla tube and puberulous surface of mouth. However present species
shows distinct differences from that of *I. frutescens*. The differences between
2 species are as follows.

Ichnocarpus ovatifolius DC.- Corolla tube densely pubescent outside, mouth
puberulous; stamens with basal spur and erect apical acumen.

I. frutescence R. Br. - Corolla tube and mouth glabrous; anther lobes pubescent on upper side; connective produced into long falcate, slender twisted acumen deflexed in bud and flower.

The mention of *I. ovatifolius*, DC as distinct species is thus justified.

Leptadenia reticulata (Retz.) Wt. and Arn., Contrib. Bot. Ind. 47. 1834. Syn. *Cynanchum reticulatum* Retz. ‘Dudhkadi, Bhuidodi, Kharkodi, Akdodi .’ Climbing shrub. Flr.: Sep.- Nov. Rare, on small trees.

Oxystelma esculentum (L. f.) Sm., Cycl. 25. 1813. Twining undershrub. Flr.: Feb.- May. Rare; Dharni.

Pergularia daemia (Forsk.) Chiov., Res. Sc. Miss. Stefan- Paoli Somal. Ital. 1:115. 1916. Syn. *Daemia extensa* R. Br. ‘Dudhi, Dudhvel, Uteran.’ Climber. Flr.: Throughout the year. Frequent, on hedges and thickets.

Tylophora fasciculata Buch.-Ham. ex Wight., Contr. Bot. India 50. 1834. Herb. Flr.: May- Oct. Rare; Pirkheda, Tarubanda.

Rauvolfia tetraphylla L., Sp. Pl. 208 1753. Shrub. Flr.: Aug.- Sep. Planted. Naturalized as escape in Kolkaz area.

Vallaris solanacea (Roth.) Ktze., Rev. Gen. Pl. 2:417. 1891. Syn. *Vallaris heynei* Spr., *Vallaris dichotoma* (Roxb.) Wall. ex G.Don ‘Dudh vel.’ Large climber. Flr.: Throughout the year. Planted ornamental; also grows as an escape, now naturalized in some areas, especially around Chikhaldara.

Wrightia arborea (Dennst.) Mabb., Taxon 26:533. 1977. Syn. *Wrightia tomentosa* Roem. & Schult. ‘Kura, Pandu kura (Korku); Dudhi, Dharauli, Tambda kuda’. Small tree. Flr.: Apr.- Jun. Not common, in the interior of Melghat.

Wrightia tinctoria (Roxb.) R. Br., Mem. Wern. Nat. Hist. Soc. 1:47. 1811. ‘Kura (Korku); Kala kuda, Dudhi’. Small tree. Flr.: Mar.- May. Common on bordering hills. Wood was used in turnig and carving.

BORAGINACEAE

Cordia dichotoma G.Forst., Fl. Ins. Austr. 18. 1786. ‘Silu, Chilu (Gondi); Bhokar, Gondan.’ Tree. Flr.: Mar.- May. Occasional, near village sites. Wood is fairly strong; was used for agricultural implements.

Cordia macleodii Hook.f. & Thomson., Jour. Linn. Soc. 2:128. 1858. ‘Bot (Gondi); Lauri, Kassamar (Korku). Dahipalas, Dhengan’. Tree. Flr.: Mar.- May. Frequent. Wood is hard; was used for furniture, picture frames, fishing rods and implements.

Cynoglossum wallichii var. **glochidiatum** (wall. ex Benth.) Kazmi., J. Arnold Arbor. 52:347. 1971; Syn. *Cynoglossum glochidiatum* Wall. ex Benth. Herb. Flr.: Aug.- Oct. Rare; Chikhaldara.

Cynoglossum zeylanicum (Vahl) Brand., Pflanzenr. IV, 252:134. 1921. Syn. *Cynoglossum furcatum* Wall. ex Roxb. Herb. Flr.: Aug.- Nov. Rare; Chikhaldara.

***Ehretia laevis** Roxb., Pl. Coromandel 1:42. 1796. ‘Datti, Disti, Gilchi (Gondi); Chamror, Datrang’. Small tree. Flr.: Feb.- Mar. Common. Wood is tough, durable; was used for agricultural implements.

Heliotropium ovalifolium Forsk., Fl. Aegypt-Arab. 38. 1775. Herb. Flr.: Aug.- Mar. Common, in drying ponds, lake margins, stream and river beds.

Rotula aquatica Lour., Fl. Cochinch. 121. 1790. Syn. *Rhabdia lycioides* Mart. ‘Sawariya, Machim.’ Shrubby. Flr.: Oct.- Feb. Occasional, in rock beds of major rivers.

Trichodesma indicum (L.) Lehm., Pl. Asperif. Nucif. 193. 1818. Syn. *Trichodesma indicum* var. *amplexicaule* (Roth) T. Cooke, *Trichodesma amplexicaule* Roth. Herb. Flr.: Oct.- Feb. Common.

Trichodesma inaequale Edgew., J. Asiatic. Soc. Bengal 21: 175 1852. Syn. *Trichodesma sedgwickianum* Banerjee. Herb. Flr.: Feb. – Mar. Rare.

Trichodesma zeylanicum (Burm.f.) R. Br., Prodr. 496. 1810. Herb. Flr.: Sep.- Jan. Not common, mostly in cultivated fields.

CONVOLVULACEAE

Argyreia nervosa (Burm.f.) Bojer., Hort. Maurit. 224.1837. ; *Argyria speciosa* (L.f.) Sweet. Woody Climber. Flr.: Oct.- Nov. Not common, mostly around villages.

Argyreia sericea Dalz., Bombay Fl. 169. 1861. Twiner. Flr.: Oct.- Nov. Frequent, on thickets and among tall grasses on forest floor.

***Argyreia strigosa** Roberty., Candollea 14:44. 1952 . ‘Bagchaur (Gondi); Bhaisvel’. Climber. Flr.: Oct.- Dec. Common, in hedges.

Convolvulus arvensis L. Sp. Pl. 153. 1753. ‘Chandanvel’. Creeping and twining herb. Flr.: Nov. -Feb. Frequent, in moist open grass lands and river beds.

Cuscuta chinensis Lam., Encycl. Meth. 2(1):229.1786. ‘Amarvel, Wire.’ Twining, stem parasite. Flr.: Aug.- Oct. Frequent, on coffee on Chikhaldara plateau, in many areas.

Cuscuta hyalina Roth., Nov. Pl. Sp. 100. 1821. ‘Amarvel, Wire.’ Twining, stem parasite. Flr.: Aug.- Oct. Restricted to Dhargad, Kelapani and Zingapur localities.

Cuscuta reflexa Roxb. , Pl. Cor. 2:3. 104. 1798. ‘ Amarvel, Wire.’ Twining, stem parasite. Flr.: Oct.- Dec. Not common, on wide variety of hosts.

Dinetus racemosus (Roxb.) Buch.-Ham. ex Sweet., Brit. Fl. Gard. 2:127. 1825. Syn. *Porana racemosa* Roxb. Climber. Flr.: Oct.- Nov. Rare; Vairat.

Evolvulus alsinoides (L.) L., Sp. Pl. 1:392. 1762. ‘Shankhpushpi’. Herb. Flr.: Throughout the year. Very common.

Ipomoea arachnosperma Welw. Apont. 588. 1859. Syn. *Convolvulus pilosus* R. Br., *Ipomoea pilosa* (Roxb.) Sweet . Twiner. Flr.: Sep. - Dec. Rare; Koktu.

Ipomoea eriocarpa R. Br. Prodr. 484. 1810. Climber. Flr.: Sep.- Nov. Very common, among the grasses of forest undergrowth and cultivated fields.

Ipomoea fistulosa Mart. ex Choisy in DC. Prod. 9:349.1845. ‘Beshram’. Flr.: Throughout year. Planted on field borders near villages in Harisal and Jarida ranges.

Ipomoea hederifolia L., Syst. Nat. (ed.10)2: 925. 1759. Climber. Flr.: Nov.-Jan. Fairly common, on hedges and thickets.

(Note:- Orange flowered populations observed near Bhimkund and along Raipur road)

Ipomoea marginata (Desr.) Verdc. Kew Bull. 42(3): 658. 1987. Syn. *Ipomoea sepiaria* Koen. ex Roxb. Perennial climber. Flr.: Sep.- Nov. Occasional, on thickets.

Ipomoea muricata (L.) Jacq., Pl. Rar. Hort. Schoenbr. 3:40. 1798. Syn. *Convolvulus muricatus* L. Twiner. Flr.: Sep.- Nov. Frequent, in hedges.

Ipomoea nil (L.) Roth., Cat. Bot. 1:36.1797. Syn. *Convolvulus nil* L. Climber. Flr.: Sep.- Nov. Frequent, on thickets and hedges. (Flowers blue, but orange coloured flowers also observed rarely.)

Ipomoea obscura (L.) Ker. Gawl. in Bot. Reg. 3. T. 239.1817. Climber. Flr.: Oct.-Jan. Very common throughout, on hedges and thickets.

Ipomoea pes-tigridis L., Sp. Pl. 1:162. 1753. Climber. Flr.: Sep.-Nov. Common, among grasses of forest undergrowth and in cultivated fields.

Ipomoea sinensis (Desv.) Choisy, Mem. Phys. Soc. Geneve 6:459.1834.; *Ipomoea tropica* Santapau and Patel, *Ipomoea calycina* Clarke. Climber. Flr.: Oct.- Nov. Not common, in hedges.

Ipomoea quamoclit L., Sp. Pl. 159. 1753. Climber. Flr.: Sep.- Jan. Frequent.

Merremia aegyptia (L.) Urb., Symb. Antill. 4(3):505. 1910. Syn. *Ipomoea aegyptia* L. Twiner. Flr.: Oct.- Nov. Rare; in Jarida range on small trees and thickets.

Merremia emarginata (Burm. f.) Hallier f., Bot. Jahrb. Syst. 16(5):552. 1893. Syn. *Ipomoea reniformis* (Roxb.) Choisy. , *Merremia gangetica* (L.) Cufodont. Trailing herb. Flr.: Aug.- Mar. Very common, on forest floors.

Merremia hederacea (Burm. f.) Hallier f., Bot. Jahrb. Syst. 18(1-2):118. 1893. Syn. *Convolvulus flavus* Willd. Twiner. Flr.: Oct.- Nov. Rare, among grasses on hill slopes on Chikhaldara and Vairat plateau.

Operculina turpethrum (L.) Silva Manso. Enum. Subst. Braz. 16 1836. Syn. *Merremia turpethrum* (L.) Silva Manso. Perennial climber. Flr.: Dec.-Jan. Not common, found in Bori, Dhargad and Belkund localities.

Rivea hypocrateriformis Choisy, Mem. Soc. Phys. Geneve 6:408. 1833. ‘Phang, Phandi.’ Twiner. Flr.: Aug.- Oct. Occasional, on small trees and thickets.

SOLANACEAE

Datura innoxia Mill., Gard. Dict. (ed.8) 5. 1768. Syn. *Datura meteloides* DC. ex Dunal ‘Dhotra.’ Annual undershrub. Flr.: Aug.- Jan. Common, on manurial heaps and waste lands.

Datura metel L., Sp. Pl. 179. 1753. Syn. *Datura fastuosa* L. ‘Kala Dhotra.’ Annual undershrub. Flr.: Sep.- Dec. Occasional, on manurial heaps and waste lands.

Datura stramonium L. ,Sp. Pl. 179. 1753. ‘Dhotra’. Large annual. Flr.: Aug.- Dec. Not common; near villages.

Nicandra physalodes (L.) Gaertn., Fruct. Sem. Pl. 2:237. 1791. Syn. *Atropa physalodes* L. Herb. Flr.: Sep.- Jan. Not common, at higher elevations near villages.

(Note:- *physaloides* is spelling varient, also accepted)

Nicotiana plumbaginifolia Viv., Elench. Pl. Dinegro 26. 1802.Herb. Flr.: Nov. - Jan. On open moist lands in Semadoh ranges and Chikhaldha platues.

Physalis longifolia Nutt., Trans. Amer. Phil. Soc. 5:193.1837. Herb. Flr.: Jul. - Mar. Frequent throughout, in river beds and shade of walls near villages.

Physalis minima L., Sp. Pl. 183.1753. Herb. Flr.: Aug.- Mar. Frequent.

***Physalis peruviana** L. Sp. Pl. 2:1670. 1763. Herb. Flr.: Aug.- Mar.

Solanum incanum L. Sp. Pl. 1:188.1735. ‘Dorli.’ Syn. *Solanum sanctum* L. Undershrub. Flr.: Jan.- Jun. Occasional.

Solanum americanum Mill. Gard. Dict. (ed. 8) no. 5. 1768. Syn. *Solanum nigrum* L. ‘Kamuni.’ Herb. Flr.: Throughout the year. Common.

Solanum seaforthianum Andr., Bot. Rep. 8: 504.1808. Perennial climber.
Flr.: Sep.- Jan. Planted, now naturalized in some areas, especially on Chikhaldara plateau.

Solanum torvum Sw. , Prodr. 47.1788. Srub. Flr.: Sep.- Jan. Rare; Gavilgad and Panchbol valley.

Solanum virginianum L., Sp. Pl. 1:187. 1753. Syn. *Solanum surattense* Burm.f. *Solanum xanthocarpum* Schrad. & H. Wendl. ‘Bhui- Ringni’. Prostrate herb. Flr.: Aug.- Mar. Not Common. (Flowers deep puple, rarely white coloured variant also found.)

Solanum violaceum Ortega., Nov. Pl. Descr. Dec. 56 1798. Undershrub. Flr.: Sep.- Feb. Occasional throughout.

***Withania somnifera** (L.) Dunal , Prodr. 13 (1) 453.1852. ‘Askand, Ashwagandha.’ Shrub. Flr.: Aug.- Sep. Rare; in dense forests of Semadoh and Gugamal ranges.

HYDROLEACEAE

Hydrolea zeylanica (L.) Vahl., Symb. Bot. 2:46. 1791. Semiaquatic herb.
Flr.: Nov.- Feb. Rare; collected only once from interior of Suklihenda and Tarubanda in drying ponds.

OLEACEAE

Nyctanthes arbor-tristis L., Sp. Pl. 6. 1753. Karsali (Korku); Parijaka’. Tree. Flr.: Aug.- Nov. All along the hilly border.

Schrebera swietenioides Roxb., Pl. Coromandel 2:1. 1799. ‘ Mokha, Goki, Gantha; Karindi, Dhaka (Gondi); Jhan (Korku).’ Tree. Flr.: May- June. Frequent in Dhargah, Belkund and Kelpani localities. Wood is yellowish-grey, hard, durable, was used for the beams of weavers looms, combs and in turnings.

GESNERIACEAE

Didymocarpus pygmaeus C.B.Clarke., Monogr. Phan. 5: 82. 1883. Small herb. Flr.: Aug.- Oct. Rare; on soft, moist vertical faces of Dolar river.

PLANTAGINACEAE

Bacopa monnieri (L.) Wettst., Nat. Pflanzenfam. 4(3b): 77. 1891. Syn. *Lysimachia monnieri* L., *Herpestis monnieri* (L.) Kunth. ‘Bramhi’. Semiaquatic herb. Flr.: Throughout the year. Common, along and in water bodies.

Dopatrium junceum (Roxb.) Buch. -Ham. ex Benth., Edwards's Bot. Reg. 21: t. 1770 [4] 1835. Herb. Flr.: Oct.- Nov. Fairly common in river beds.

Dopatrium lobelioides (Retz.) Benth., Scroph. Ind. 31.1835. Syn. *Gratiola lobelioides* Retz. Mashy herb. Flr.: Nov.- Jan. Rare, along margins of lakes.

Limnophila indica (L.) Druce, Bot. Exoh. Cl. Soc. Brit. Isles 3:420. 1914. Syn. *Hottonia indica* L., *Limnophila gratiolooides* R. Br. Aquatic herb. Flr.: Nov.- Mar. Common, in standing water pools and streams and rivers.

Lindenbergia muraria (Roxb. ex D. Don.) P. Bruehl, Jour. Dept. Sci. Calc. Univ. 2:26. 1920. Syn. *Stemodia muraria* Roxb. ex D. Don. Herb. Flr.: Oct.- Jan. Occasional, in crevices of rocky cliffs, along stream and river banks.

Mecardonia procumbens (Mill.) Sm. , Fl. S. E. U. S. 1065.1913. Syn. *Erinus procumbens* Mill. *Lindernia dianthera* Sw. Herb. Flr.: July- Jan. Restricted to Chikhaldara plateau, Kolkhas and Sipna river bed.

Nanorrhinum ramosissimum (Wall.) Betsche., Courier Forschungsinst. Senckenberg 71: 132. 1984. Syn. *Kickxia ramosissima* (Wall.) Janch. *Linaria ramosissima* Wall. Perennial herb. Flr.: Throughout the year. Occasional, in crevices and vertical cut faces of rivers and stream banks.

Scoparia dulcis L., Sp. Pl. 116. Perennial herb. Flr.: Throughout the year. Rare, in river beds.

Stemodia viscosa Roxb. Pl. Cor. 2:33 t. 163. 1798. Erect or prostrate herb. Flr.: Nov.-Dec. Frequent, in drying ponds, stream and river beds.

SCROPHULARIACEAE

***Buddleja asiatica** Lour., Fl. Cochinch. 72. 1790. Small tree. Flr.: Dec.- Feb. Not common, along rivers in moist localities.

Sutera dissecta Walp. , Report Bot. Syt. 3:271.1844. Syn. *Sutera glandulosa* Roth. Herb. Flr.: Nov.- Feb. Frequent, in beds of rivers, streams, margins of ponds.

Verbascum chinense (L.) Sant., Fl. Purandhar. 90. 1958. Syn. *Scrophularia chinensis* L., *Celsia coronamandeliana* Vahl. ‘Gurshi-zara (Korku); Kutki’. Herb. Flr.: Sep.- May. Very common.

LINDERNIACEAE

Lindernia ciliata (Colms.) Penn., Brittannia 2:182.1936. Syn. *Bonnaya brachiata* Link. & Otto . Herb. Flr.: Aug.- Nov. Fairly common.

Lindernia crustacea (L.) F. Muell., Syst. Census Austr. Pl. 97.1882. Syn. *Vandellia crustacea* (L.) Benth. Herb. Flr.: Aug.- Sep. Occasional, on moist soils.

Lindernia nummulariifolia (D. Don) Wettst., Nat. Pflanzenfam. 4(3b): 80. 1891.Syn. *Vandellia nummularifolia* (D. Don.) Kuntz. , *Vandellia sessiliflora* Benth.Herb. Flr.: Apr.- Oct. Rare.

Lindernia multiflora (Roxb.) Mukherjee, J. Indian Bot. Soc. 24:131.1945. Herb. Flr.: Apr.- May. Rare; Kolkaz (this spp. was collected only once from interior along Semadoh- Raipur road by authors)

Lindernia parviflora (Roxb.) Haines, Bot. Bi. and Or. 4:635. 1922. Syn. *Gratiola parviflora* Roxb., *Ilysanthes parviflora* (Roxb.) Benth. Herb. Flr.: Aug.- Feb. Frequent, at higher elevations.

Torenia asiatica L., Sp. Pl. 619. 1753. Syn. *Lindernia multiflora* (Roxb.) Mukherjee., *Vandellia multiflora* (Roxb.) G. Don. (Both the synonyms are considered as unresolved names).

PEDALIACEAE

Sesamum indicum L., Sp. Pl. 634. 1753. ‘Til.’ Cultivated, also grows wild as an escape.

Sesamum mulayanum N.C.Nair., Bull. Bot. Surv. India 5: 251 1964. Wild.

(Note:- *Sesamum mulayanum* is considered as unresolved name. However, it differs from crop escape distinctly in seed character. Seed margins are abruptly cut and surface is rugose; deserves distinct status).

LAMIACEAE

Anisochilus carnosus (L.f.) Wall., Pl. Asiat. Rar. 2:18. 1830 Syn. *Lavandula carnosa* L.f. herb. Flr.: Aug.- Nov. Common, in moist situations.

Anisomeles heyneana Benth., Pl. Asiat. Rar. 1:59. 1830. Herb. Flr.: Oct.- Mar. Rare; Koktu.

Anisomeles indica (L.) Ktze. , Rev. Gen. Pl. 2:512. 1891 Syn. *Nepeta indica* L., *N. hindostana* (Heyne ex Roth.)Haines. Herb. Flr.: Aug.- Nov. Not common; Chikhaldara.

Clerodendrum infortunatum L., Sp. Pl. 637. 1753. Syn. *Clerodendrum viscosum* Vent. ‘Karu, Bhat, Bhant (Melghati); Bhandira.Shrub. Flr.: Jan.- May. Not common; at higher elevations in Chikhaldara range.

***Clerodendrum phlomidis** L.f., Suppl. Pl. 292. 1782. Syn. *Clerodendrum multiflorum* (Burm.f.) Kuntze. ‘Talkal, Takal’. Shrub. Flr.: Sep.- Feb. Near villages on outskirts.

Colebrookea oppositifolia Sm., Exot. Bot. 2:111. 1806 . ‘Chota Bhandar’. Shrub. Flr.: Dec.- Mar. Fairly common, at higher elevations.

Gmelina arborea Roxb. , Hort. Beng. 46. 1814. ‘Kassmar (Korku); Shivan’. Tree. Flr.: Feb.- Apr. Occasional.

Hyptis suaveolens (L.) Poit., Ann. Mus. Hist. Nat. 7:472. 1806. Shrub. Flr.: Sep.- Feb. Very common, often gregarious.

Isodon rugosus (Wall. ex Benth.) Codd., Taxon 17:239. 1968. Syn. *Plectranthus rugosus* Wall. ex. Benth. Undershrub. Flr.: Oct.- Dec. Not common, at higher elevations.

Lavandula bipinnata (Roth.) Ktze., Rev. Gen. Pl. 2:521. 1891. Syn. *Lavandula burmanii* Benth. Herb. Flr.: Sep.- Nov. Occasional.

Leonotis nepetifolia (L.) R. Br., Hortus Kew. 3:409. 1811. Syn. *Phlomis nepetifolia* L. Tall herb. Flr.: Oct- Jan. Rare; Koha.

Leucas aspera (Willd.) Link., Enum. Hort. Berol. Alt. 2: 113. 1822. Syn. *Phlomis aspera* Willd. Herb. Flr.: Aug.- Feb. Fairly common.

Leucas biflora (Vahl) Sm., Cycl. 20(2): 7. 1812. Herb. Flr.: Sep.- Oct. not common, among grasses of forest undergrowth.

Leucas cephalotes (Roth) Spreng., Syst. Veg. 2:743. 1825. Syn. *Phlomis cephalotes* Roth. Herb. Flr.: Aug.- Jan. Occasional, on slopes of low hills.

Leucas clarkei Hook.f., Fl. Brit. India 4: 688. 1885. Tall herb. Flr.: Jul.- Oct. Occasional, at higher elevations.

Leucas martinicensis (Jacq.) R.Br., Hortus Kew. 3:409. 1811. Herb. Flr.: Oct.- Nov. Not common; Koktu.

Leucas decemdentata (Willd.) Sm., Cycl. 20(2):6. 1812. Syn. *Leucas mollissima* Wall. ex. Benth. Herb. Flr.: Sep.- Nov. Occasional, in thickets, along streams.

Leucas nutans (Roth) Spr., Syst. Veg. 2:743. 1825. Syn. *Phlomis nutans* Roth. Herb. Flr.: Sep.- Nov. Fairly common.

Leucas stricta Benth., Pl. Asiat. Rar. 1: 61. 1830. Herb. Flr.: Aug.- Jan. Rare; Dharni.

Leucas zeylanica (L.) W.T. Aiton., Hortus Kew. 3:409. 1811. Herb. Flr.: Sep.- Oct. Occasional, among grasses on hill slopes and near villages.

Nepeta hindostana (Heyne ex Roth) Haines., Bot. Bihar Orissa 4:744. 1922. Herb. Flr.: Aug. - Nov. Not common; Chikhaldara plateau.

Ocimum americanum L., Cent. Pl. I 15. 1755. Syn. *Ocimum canum* Sims. Herb. Flr.: Sep.- Dec. Fairly common.

Ocimum gratissimum L., Sp. Pl. 1197. 1753. Undershrub. Flr.: Sep.- Nov. Not common; in Behali area along moist stream banks.

Orthosiphon rubicundus (D.Don) Benth., Pl. Asiat. Rar. 2: 14. 1830.
Perennial undershrub. Flr.: July- Oct. Occures sparingly in Chikhaldara and
Semadoh ranges.

Platostoma hispidum (L.) A.J.Paton., Kew Bull. 52: 273. 1997. Syn.
Acrocephalus hispidus (L.) Nicolson and Sivd., *Gomphrena hispida* L.Herb.
Flr.: Sep.- Oct. Rare; on moist slopes at higher elevations (Koktu valley).

Plectranthus mollis (Ait.) Spr., Syst. Veg. 2:690. 1825. Syn. *Ocimum molle*
Ait., Herb. Flr.: Aug.- Nov. Not common, at higher elevations; abundant at
some spots.

Pogostemon benghalensis (Burm. f.) Kuntz, Rev. Gen. Pl. 529. 1891. Syn.
Origanum benghalense Burm.f. Undershru. Flr.: Jan.- Mar. Common, at
higher elevations.

Rotheca serrata (L.) Steane & Mabb., Novon 8:206. 1998. Syn.
Clerodendrum serratum (L.) Moon. ‘Bharangi, Bharang-mul’. Shrub. Flr.:
Sep.- Dec. Frequent.

Salvia plebeia R. Br. , Podr. 501. 1810. Herb. Flr.: Oct.- Apr. Occasional, on
muddy soils and drying ponds.

***Sympcorema polyandrum** Wight., Icon. Pl. Ind. Orient. t. 363. 1840.
‘Chikti; Tapa-thonda (Gondi)’. Shrub. Flr.: Feb.- Apr. In dry ravines.

Tectona grandis L. f., Suppl. Pl. 151. 1781. ‘Sipna (Korku); Sag, Sagwan’.
Tree. Flr.: July- Sep. Most dominant tree of the Melghat.

***Vitex leucoxylon** L. f., Suppl. Pl. 293. 1782. ‘Samalu (Korku); Sonagarbi,
Sherus’. Large tree. Flr.: Mar.- Aug. Scarce, along river banks. Wood
moderately hard, was used for cart wheels.

Vitex negundo L., Sp. Pl. 638. 1753 . ‘Nirgudi; Samalu (Korku)’. Large
shrub. Flr.: July- Feb. Abundent.

Vitex trifolia L., Sp. Pl. 638. 1753 ‘Samalu (Korku); Nirgudi’. Shrub. Flr.:
Aug.- Mar. Scarce, only at Chikhaldara.

PHRYMACEAE

Glossostigma diandrum (L.) O. Ktze., Rev. Gen. Pl. 2:461. 1891. Syn.
Glossostigma spathulatum (Hook.) Wight & Arn. ex Arn. Herb. Flr.: Oct.-Feb. Rare; Semadoh.

OROBANCHACEAE

Aeginetia indica L., Sp. Pl. 632. 1753. Leafless parasitic herb. Flr.: Aug.-Feb. Rare; along Chikhaldara - Semadoh interior road and Chikhali near Tarubanda.

(Note:- Members with snow white corolla and bright yellow patch were observed along Semadoh - Chikhaldara road.)

Alectra thomsonii Hook.f., FBI 4:297.1884. Herb. Flr.: Sep.- Oct. Rare; on roots of *Vitex negundo* in Behali area.

Buchnera hispida Buch-Ham. ex D. Don, Prodr. Fl. Nepal 91.1825. Semiparasitic herb. Flr.: Sep.- Nov. Not common, among tall grasses in Chikhaldara range.

Sopubia delphinifolia G. Don , Gen. Syst. 4:560.1837. Syn. *Gerardia delphinifolia* L. Herb. Flr.: Aug.- Nov. Frequent, along pond margins and in moist situations.

Striga angustifolia (D. Don) C.J. Saldanha., Bull. Bot. Surv. India 5: 70 1963. Syn. *Buchnera angustifolia* D. Don, *Striga euphrasioides* Benth., Compan. Bot. Mag. 1:364 1836 ‘Talap, Taukla.’ Semi parasite. Flr.: Aug. - Jan. Common.

(Note:- *Striga euphrasioides* Benth. now considered as unresolved name.)

Striga asiatica (L.) O. Kuntze , Rev. Gen. Pl. 2:466.1891. Syn. *Buchnera asiatica* L., *Striga lutea* Lour. ‘Talap, Taukla.’ Semiparasitic herb. Flr.: Aug.- Nov. Not common; among grasses in Kelpani and Zingapur areas.

Striga gesnerioides (Willd.) Vatke, Oesterr. Bot. Z. 25:11.1875. Syn. *Buchnera gesnerioides* Willd., *Striga orobanchoides* (R. Br. ex Endl.) Benth.

‘Talap, Taukla.’ Semiparasitic herb. Flr.: Sep.- Oct. Not common; on Chikhaldara and Vairat plateau.

LENTIBULARIACEAE

Utricularia striatula Sm., Cyclop. 37:n 17. 1818. Syn. *Utricularia orbiculata* Wall. ex A. DC. Small insectivorous herb. Flr.: Sep.: Oct. Rare; on rocky cliffs along Belkund stream.

ACANTHACEAE

Andrographis echiooides (L.)Nees., Pl. Asiat. Rar. 3:117. 1832. *Indoneesiella echiooides* (L.) Sreem. ‘Padhra Pheda’. Herb. Flr.: Sep. – Feb. Common.

Andrographis paniculata (Burm.f.) Wall. ex Nees, Pl. Asiat. Rar. 3:116.1832. Herb. Flr.: Dec.- Feb. Rare; collected only once from Makhala plateau.

Barleria cristata L., Sp. Pl. 636.1753. Undershrub. Flr.: Oct.- Dec. Occasional, in patches.

Barleria gibsonii Dalz., Kew J. Bot. 2:339. 1850. Herb. Flr.: Sep.- Mar. Rare; Dhakna.

Barleria prattensis Santapau , Kew Bull. 3:487.1949. Undershrub. Flr.: Sep.- Nov. Fairly common.

Barleria prionitis L., Sp. Pl. 636.1753. ‘ Kate-korhanti.’ Shrub. Ornamental; also as escape in wild.

***Barleria strigosa** Willd., Sp. Pl. 3:379. 1800. Undershrub. Flr.: Oct.- Jan. In dense forests in Semadoh area.

***Blepharis maderaspatensis** (L.) B.Heyne ex Roth, Nov. Pl. Sp. 320.1821. Syn. *Acanthus maderaspatensis* L., *Blepharis boerhaviaefolia* Pers. Herb. Flr.: Oct.- Dec. Rare; in Chikhaldara garden area.

Carvia callosa (Nees) Bremek. , Verh. Ned. Akad. Wet. 41(1):187.1944. Syn. *Strobilanthus callosa* Nees ‘Bhandar, Karvi.’ Shrub. Flr.: Sep.- Nov. Gregarious in some localities. (Note:- Pink flowered populations observed near nalla on Semadoh – Chikhaldara road).

Dicliptera leonotis Dalz. ex C. B. Clarke., Fl. Brit. India 4:553. 1885. Herb.
Flr.: Dec.- Mar. Rare; Vairat.

Dicliptera verticillata (Forssk.) C.Chr. Dansk Bot. Ark. 4(3): 11 1922. Syn.
Dianthera verticillata Forssk. Prostrate herb. Flr.: Oct.- Dec. Not common;
Bori, Dhargad; along roadsides in shaded spots.

Ruellia prostrata Poir., Encycl. 6:349. 1804., Syn. *Ruellia prostrata* var.
dejecta (Nees) C.B. Clarke, *Dipteracanthus prostates* (Poir.) Nees . Herb.
Flr.: Sep.- Mar.

Ruellia patula Jacq., Misc. Austriac. 2:358. 1779. Syn. *Dipteracanthus patulus* (Jacq.) Nees . Herb. Flr.: Oct.- Dec. Occasional, on hill slopes of
Dhargad and Bori areas.

Eranthemum roseum (Vahl) R.Br., Prodr. Fl. Nov. Holl. 477. 1810. Syn.
Daedalacanthus roseus T. Anders.' Dasmuli'. Shrub. Flr.: Nov. Jan. Fairly
frequent in Semadoh, Raipur, Dhakna and Chikhaldara ranges.

***Eranthemum purpurascens** Wight ex Nees., Pl. Asiat. Rar. 3:106. 1832.
Syn. *Daedalacanthus purpurascens* (Wight ex Nees) T.Anders. 'Gulsam;
Karse-walam (Gondi)'. Undershrub. Flr.: Nov.- Jan. In damp localities in
Semadoh and Harisal ranges.

Gantelbua urens (B.Heyne ex Roxb.) Bremek., Verh. Kon. Ned. Akad.
Wetensch., Afd. Naturk., Sect. 2 41(1): 148. 1944. Herb. Flr.: Jan.- Mar.

Haplanthus nilgherryensis Wight., Icon. Pl. Ind. Orient. 4: t. 1556. 1850.
Syn. *Haplanthodes nilgherryensis* (Wight) R. B. Majumdar . Herb. Flr.: Dec.-
June. Rare; Koktu.

Haplanthus tentacullatus Nees , DC. Prodr. 11:513.1847. Herb. Flr.: Oct.-
Jan. Fairly common, at higher elevations.

Haplanthus verticillaris Nees., Prodr. 11:513. 1847. Syn. *Dianthera verticillaris* (Nees) Stehle & M.Stehle. Herb. Flr.: Dec.- May. Frequent, in
forest undergrowth.

Hemigraphis latebrosa (Roth) Nees., Prodr. 11:723. 1847. Syn. *Ruellia latebrosa* (Heyne ex Roth) Nees. Herb. Flr.: Nov.- Feb. Common.

Hygrophila auriculata (Schumach.) Heine , Kew Bull. 16(2):172. 1963. Syn. *Asteracantha longifolia* Nees , *Hygrophila spinosa* T. Anders.'Utkatar, Talikhana' Herb. Flr.: Oct.- May. Common, along marshy margins of streams and rivers, in ponds and ditches.

(Note:-White flowered large populations observed around Raipur towards Madhya Pradesh border)

Hygrophila serpyllum T. Anders., J. Linn. Soc. Bot. 9:456. 1867. Syn. *Physichilus serpyllum* Nees . Herb. Flr.: Nov.- Jan. Occasional, at higher elevations in marshy ponds.

(Note:-White flowered plants in some populations observed around Raipur towards Madhya Pradesh border)

***Justicia betonica** L., Sp. Pl. 15. 1753. Undershrub. Flr.: Sep.- Jan. Was found in rocky ravines.

Justicia diffusa Willd., Sp. Pl. 1: 87. 1797. Syn. *Justicia diffusa* var. *prostrata* Roxb. ex C.B. Clarke. Diffused herb. Flr.: Sep.-Nov. Common throughout.

Justicia japonica Thunb. Syst. Veg. ed. 14 63. 1784. Syn. *Justicia simplex* D. Don. Herb. Flr.: Sep.- Feb. Common.

Justicia procumbens L., Sp. Pl. 15. 1753. Herb. Flr.: Sep.- Nov. Common.

Justicia prostrata Gamble. Fl. Madras 1081 1924. Small procumbent herb. Flr.: Sep.-Dec. Frequent, in open grass lands, shades of walls, along roadsides.

Justicia quinqueangularis K. D. Koenig ex Roxb., Fl. Ind. 1:134. 1820. Herb. Flr.: Aug.- Oct. Fairly common, along margins of streams and ponds.

Lepidagathis bandraensis Blatt., J. Asiat. Soc. Beng. (New Ser.) 26:347. 1930. Herb. Flr.: Sep.- Jan. Rare; along Dhargad road.

Lepidagathis lutea Dalz., Kew J. Bot. 2:139. 1850. Herb. Flr.: Sep.- Nov. Rare; Kelpani and along road side from Harisal to Kolkaz.

Lepidagathis cristata Willd., Sp. Pl. 3:400. 1800 . 'Kumbhi'. Herb. Flr.: Sep.- Feb. Common.

***Lepidagathis cuspidata** Nees., Pl. Asiat. Rar. 3: 97. 1832. Herb. Flr.: Feb.- Apr. On outer hills of Dhargad.

Lepidagathis trinervis Nees. Pl. As. Rar. 3:96:1832. Parenrial diffuse herb. Flr.: Sep.-Oct. Fairly common in some parts of Melghat of Dolar and Dhakna, in forest dense under growth, amongst grasses and on rocky hill.

***Petalidium barlerioides** (Roth.) Nees., Pl. Asiat. Rar. 3: 82. 1832. Undershru. Flr.: Feb.- Apr. Rare; along river bed near Rangubeli.

Peristrophe bicalyculata (Retz.) Nees , Pl. Asiat. Rar. 3:113. 1832. Syn. *Dianthera bicalyculata* Retz. Undershru. Flr.: Nov.- Apr. Common.

Rhinacanthus nasutus (L.) Kurz., J. Asiat. Soc. Beng. 39:79. 1870. Syn. *Rhinacanthus communis* Nees. ‘Gajkarni’. Shrubby straggler. Flr.: Jan.- Feb. Rare; collected only once along Nabab Nalla near Ghatang.

Rungia elegans Dalzell & A.Gibson., Bombay Fl. 196. 1861. Herb. Flr.: Aug.- Feb. Fairly common.

Rungia pectinata (L.) Nees, Prodr. 11. 470. 1847. Syn. *Justicia pectinata* L. , *Rungia parviflora* Nees var. *pectinata* (L.) Clarke. Herb. Flr.: Sep.- Nov. Common, in moist shady habitats.

Rungia repens (L.) Nees., Pl. Asiat. Rar. 3:110. 1832. Herb. Flr.: Nov.- Feb. Common.

Thunbergia alata Bojer. ex Sims., Bot. Mag. 52: t.2591. 1825. Twiner. Flr.: Aug.- Nov. On upper plateau of Chikhaldara; is a garden escape.

BIGNONIACEAE

Dolichandra unguis-cati (L.) L. G. Lohmann., Nuevo Cat. Fl. Vasc. Venezuela 273. 2008. Syn. *Bignonia unguis-cati* L. Planted, also grows as escape on Chikhaldara Plateau.

***Dolichandrone atrovirens** (Roth) K.Schum., Nat. Pflanzenfam. 4(3a): 240. 1894. Syn. *Dolichadrome crispa* Seem. ‘Padal, Padali; Tetu (Korku).’ Tree. Flr.: Mar.- Jun. On dry shallow soil. Wood light, was used for building.

Dolichandrone falcata (Wall. ex DC.) Seem. J. Bot. 8:381. 1870. Syn. *Dolichandrone lawii* Seem. ‘Medhshingi.’ Tree. Flr.: Apr.- Jun. Frequent. Wood light, was used for building and agricultural implements.

***Heterophragma quadriloculare** (Roxb.) K.Schum., Nat. Pflanzenfam. 4(3b): 243. 1895. Syn. *Heterophragma roxburghii* (Spreng) DC. ‘Palang, Waras; Bondu mara.’ Tree. Flr.: Feb.-Apr. On lower outer hills of Dhulghat.

Jacaranda mimosifolia D. Don , Bot. Reg. t. 631. 1822. Tree. Flr.: Mar.- Jun. Planted. Also grows as an escape; now naturalized in some areas like valleys of Chikhaldara ranges.

Kigelia africana (Lam.) Benth., Niger Fl. 463 1849. Syn. *Kigelia pinnata* (Jacq.) DC. Tree. Flr.: Mar. -Oct. Planted.

Millingtonia hortensis L.f., Suppl. Pl. 291 1782. Tree. Flr.: Sep. - Dec. Planted.

Oroxylum indicum (L.) Kurz., Forest Fl. Burma 2:237. 1877. Syn. *Bignonia indica* L. ‘Tetu’. Tree. Flr.: May- Jul. Not common, in the interior of Melghat. Bark and fruit used in tanning and dyeing.

Radermachera xylocarpa (Roxb.) Roxb. ex K. Sohum., Nat. Pflanzenfam. 4(3b): 243 1895. Syn. *Bignonia xylocarpa* Roxb., *Stereospermum xylocarpum* (Roxb.) Benth. and Hook.f. ‘Tetu (Korku); Khadsingh.’ Tree. Flr.: May- Jul. Not common, in Chikhaldara and Vairat area. Wood is tough and elastic, was used for cabinet works and in carts.

Stereospermum tetragonum DC., Biblioth. Universelle Geneve n.s., 17:124. 1838. Syn. *Stereospermum personatum* (Hassk.) Chatt., Syn. *Dipterosperma personatum* Hassk. ‘Nut-Katar (Gondi); Padar (Korku); Padal.’ Tree. Flr.: Apr. - Jun. Not Common; in moist valleys of interior of Melghat.

***Stereospermum chelonoides** (L.f.) DC., Biblioth. Universelle Geneve, 17:124. 1838. Syn. *Stereospermum suaveolens* DC. ‘Nut-Katar (Gondi); Padar (Korku); Padal.’ Tree. Flr.: Mar.- May. Not common, on hilly areas of Dhulghat. Wood is hard, seasons well, was used for buildings; makes good charcoal. (Authors have noted one tree in Raja - Doh area near forest post.)

Note:- Dhore has mentioned *Stereospermum chelonoides* as synonym of *Stereospermum personatum*. Most of the authors consider these as two distinct species. *S. tetragonum* has corolla yellow with purple tinge and subquadrangular capsule while *S. chelonoides* has dull purple corolla and cylindrical capsule.

VERBENACEAE

Lantana camara L. Sp. Pl. 627. 1753. ‘Raimuni, Haldi-kunku’. Shrub. Flr.: Throughout the year. Very common, a troublesome weed.

Phyla nodiflora (L.) Greene , Pittonia 4:46. 1899. Syn. *Verbena nodiflora* L. Marshy herb. Flr.: Throughout the year. Frequent, along margins of water bodies.

Stachytarpheta jamaicensis (L.) Vahl, Enum. Pl. Obs. 1.206:1804. Syn. *Verbena jamaicensis* L. Perennial undershrub. Flr.: Throughout the year. Garden escape, now naturalized on Chikalda plateau.

(White flowered variant was seen near Zilla Parishad rest house area, Chikhaldara)

MARTYNIACEAE

Martynia annua L. , Sp. Pl. 618. 1753. Syn. *Martynia diandra* Gloc. ‘Waghanakhi, Vinchu che zad.’ Undershrub. Flr.: Sep.- Nov. Common, mostly around villages.

CAMPANULACEAE

Campanula dimorphantha Schweinf., Beitr. Fl. Aethiop. 140. 1867. Syn. *Campanula benthamii* Wall. ex Kitam. Small herb. Flr.: Dec.- Jan. Rare; collected only once along Kukroo road.

Lobelia alsinoides Lam., Encycl. 3:588. 1792. Small herb. Flr.: Aug.- Feb. Rare; Chaurakund circle.

Wahlenbergia erecta (Roth ex Schult.) Tuyn., Fl. Males. 6:113. 1960. Syn. *Cephalostigma schimperi* Hochst. ex A. Rich. Herb. Flr.: Nov.- Jan. Not common, in stream beds and shady places in the interior of Melghat.

COMPOSITAE

Acilepis divergens (Roxb.) H.Rob. & Skvarla., Proc. Biol. Soc. Wash. 122(2):140. 2009. Syn. *Vernonia divergens* (Roxb.) Edgew. Undershrub. Flr.: Dec.- Feb. Not common, on hill slopes at higher elevations.

Acmella paniculata (Wall. ex DC.) R.K.Jansen., Syst. Bot. Monogr. 8 67. 1985. Syn. *Spilanthes calva* DC. 'Akkalkara.' Herb. Flr.: Dec.- Feb. Kolkaz and Semadoh localities.

***Adenostemma lavenia** (L.) Kuntze., Revis. Gen. Pl. 1: 304. 1891. Herb. Flr.: Sep.- Nov. Frequent, along nalla near Rangubeli and elsewhere also.

Ageratum conyzoides (L.) L., Sp. Pl. 839. 1753. Herb. Flr.: Sep.- Mar. Common.

***Artemisia parviflora** Roxb. ex D.Don., Prodr. Fl. Nepal.: 181. 1825. 'Tel-davana.' Shrub. Flr.: Oct.- Dec. On open hills and roads of Chikhaldara range.

Artemisia vulgaris L., Sp. Pl. 848. 1753. 'Dhor-davana.' Perennial shrub. Flr.: Oct.- Jan. Not common, among tall grasses at higher elevations.

Baccharoides anthelmintica (L.) Moench., Methodus 578. 1794 Syn. *Centrantherum anthelminticum* (L.) Kuntze. ex. Gamble, *Conyza anthelmintica* L., *Vernonia anthelmintica* (L.) Willd. Herb. Flr.: Oct.- Jan. Occasional, along stream beds in Chikhaldara and Dhakna ranges.

Bidens biternata (Lour.) Merr. and Sherff., Bot. Gaz. 88.293.1929. Syn. *Coreopsis biternata* Lour. Herb. Flr.: Aug.- Oct. Very common.

Blainvillea acmella (L.) Philipson, Blumea 6:350. 1950. Herb. Flr.: Sep.- Dec. Fairly common, on hill slopes.

Blumea axillaris (Lam.) DC., Prodr. 5 434 1836. Syn. *Blumea solidaginoides* (Poir.) DC., *Blumea mollis* (D.Don) Merr. Herb. Flr.: Jan.- Mar. Frequent, in shade of walls, drying ponds, stream and river beds.

Blumea bifoliata (L.) DC. Contr., Bot. India 14. 1834. Syn. *Conyza bifoliata* L. Herb. Flr.: Nov.- Feb. Not common.

Blumea eriantha DC., Wt. Contrib. 15. 1834. Herb. Flr.: Dec.- Feb. Not common; Kolkhas, Harisal.

Blumea fistulosa (Roxb.) Kruz., Jour. Asian. Soc. Bengal 46(2):187. 1877.
Syn. *Conyza fistulosa* Roxb., *Blumea glomerata* DC. Herb. Flr.: Dec.- Feb.
Not common; Semadoh, Harisal, Dhargad.

Blumea lacera (Burm.f.) DC., Wt. Contrib. 14. 1834. Syn. *Conyza lacera*
Burm.f. Herb. Flr.: Dec.- Mar. Not common; along Raipur road

Blumea malcolmii (C.B.Cl.) Hook.f. FBI. 3:266.1881. Syn. *Pluchea malcolmii* C.B.Cl. Herb. Flr. Dec.- Mar. Rare; Dhargadh area.

Blumea membranacea DC. , Prodr. 5:440. 1836. Tall herb. Flr.: Mar.- May.
Kolkhas, Dharni road.

Blumea membranacea DC. var. **muralis** Hook.f. FBI 3:265. 1882. Herb.
Flr.: Nov.- Mar. Occasional, in hill forests and along river banks; Kolkhas.

***Blumea obliqua** (L.) Druce., Rep. Bot. exch. Cl. Brit. Isles. 4:609.1917. Syn.
Erigeron obliquus L. Herb. Flr.: Dec.- Mar. In moist forests of Semadoh.

Blumea oxyodonta DC., Wt. Contrib. 15. 1834. Prostrate herb. Flr.: Jan.-
Mar. Frequent; Chikhaldara, Harisal.

Note:- When growing among dense grasses the plant becomes erect.

Blumea paniculata (Willd.) M.R.Almeida., Fl. Maharashtra 82. 2001. Syn.
Blumea jacquemontii Hook.f. Tall, stout herb. Flr.: Dec.- Feb. Frequent, in
high hills on rocky soil; Chikhaldara, Dharni road.

Blumea sessiliflora Decne. Nouv. Mus. Par. 3:140. 1834. Syn. *Blumea membranacea* var. *gracilis* (DC.) Hook.f. Herb. Flr.: Dec.- Feb. Rare; in forest
under growth in Dhargad range.

Blumea sinuata (Lour.) Merr., Trans. Amer. Phil. Soc. 24:388. 1935. Syn.
Blumea laciniata (Wall. ex Roxb.) DC. Tall herb. Flr.: Nov.- Feb. Frequent,
along banks of streams and nallas; Dhargad.

Blumea virens DC., Wt. Contr. 14. 1834. Herb. Flr.: Dec.- Mar. Not
common; Dhargad.

Caesulia axillaris Roxb., Pl. Cor. 1:64. 1798. Herb. Flr.: Oct.- May.
Common, in road side ponds, stream and river beds.

Conyza leucantha (D. Don) Ludlow & Raven, Kew Bull. 17:71. 1963. Shrub.
Flr.: Apr.- May. Rare; Belkund.

Cosmos bipinnatus Cav. Ic. 1:10, t. 14.1791. Herb. Flr.: Aug.- Nov.
Common.

Cyathocline purpurea (Buch.-Ham. ex D.Don) Kuntze., Revis. Gen. Pl. 1:333. 1891. Herb. Flr.: Oct.- May. Common, on margins of rivers, streams, on wet rocks and vertical cut faces of hill slopes.

Cyanthillium cinereum (L.) H.Rob., Proc. Biol. Soc. Wash. 103 252. 1990.
Syn. *Vernonia cinerea* (L.) Less., ‘Sahdevi.’ Herb. Flr.: Sep.- Mar. Very common.

Dichrocephala integrifolia (L.f.) Kuntze., Rev. Gen Pl. 333. 1891. Herb. Flr.: July- Nov. Rare; on moist open lands in Chikhaldara, Kolkhas, Rangubeli.

Erigeron canadensis L., Sp. Pl. 863. 1753. Syn. *Conyza Canadensis* (L.) Cronquist. Herb. Flr.: Oct.- Dec. Rare; collected only from higher plateau of Chikhaldara.

Erigeron trilobus (Decne.) Boiss., Fl. Orient. 3:168. 1875. Syn. *Conyza stricta* Willd. Herb. Flr.:Sep.- Dec. Frequent at higher elevations; Chikhaldara, Harisal, Semadoh.

Echinops echinatus Roxb., Fl. Ind. 3:447. 1832. ‘Utkatar.’ Herb. Flr.: Nov.- May. Occasional.

Eclipta prostrata (L.) L., Mant. 2:286. 1771. Syn. *Verbesina prostrata* L., *Eclipta alba* (L.) Hassk. ‘Maka.’ Herb. Flr.: Throughout the year. Common, in streams, river beds and moist open lands.

Elephantopus scaber L., Sp. Pl. 814. 1753. ‘Gojivha’. Herb. Flr.: Nov.- Dec. Not common, in forest undergrowth and drying ponds.

Emilia sonchifolia (L.) DC., Contr. Bot. Ind. 24. 1834. Syn. *Cacalia sonchifolia* L. Herb. Flr.: Aug.- Jan. Common, on mud flats along stream and river banks, moist grass lands.

Flaveria australasica Hook., Jour. Trop. Austr. 118. 1838. Herb. Flr.: Oct.- Apr. Occasional in cultivated fields. (In recent years has become rare.)

Galinsoga parviflora Cav., Icon.3:41. t. 281. 1796. Herb. Flr.: Oct.- Apr. Not common; at higher elevations in Chikhaldara range.

Glossocardia bosvallia (L.f.) DC. Contrib. Bot. Ind. 19. 1834. Small herb. Flr.: Aug.- Nov. Common, on hill slopes and open grass lands.

Gnaphalium polycaulon Pers. Syn. Pl. 2: 421. 1807. Herb. Flr.: Jan.- Mar. Occasional, in drying ponds and along river banks; Kolkhas, Semadoh.

Gnaphalium purpureum L. , Sp. Pl. 854. 1753. Small herb. Flr.: Dec.- Nov. Rare; Chikhaldara plateau.

Gnomophalium pulvinatum (Delile) Greuter., Willdenowia 33(2): 242. 2003. Syn. *Gnaphalium pulvinatum* Del. Small herb. Flr.: July- Apr. Frequent, in drying ponds; especially in Chaurakund, Rangubeli and Raipur localities.

Grangea maderaspatana (L.) Poir., Encycl. Suppl. 2:825. 1811. Herb. Flr.: Aug.- Jan. Occasional, on moist open grounds.

Lagascea mollis Cav., Ann. Sci. Nat. 6:332.1803. Tall herb. Flr.: Sep.- May. Common.

Laggera aurita (L.f.) Sch-Bip., Schweinf Beitr. Fl. Aethiop. 151.1867. Herb. Flr.: Nov.- Mar. Occasional, mostly in and around villages on moist, shaded spots.

Laphangium luteoalbum (L.) Tzvelev., Byull. Moskovsk. Obshch. Isp. Prir., Otd. Biol. 98 (6): 105. 1994. Syn. *Gnaphalium luteo-album* L. Herb. Flr.: Oct.- Jan. Common, in river beds and drying ponds.

Launaea procumbens (Roxb.) Ramayya & Rajagopal., Kew Bull. 23:465. 1969. Syn. *Prenanthes procumbens* Roxb., (Synonym *Launea nudicaulis* Hook. f. is an unresolved name). ‘Patri.’ Herb. Flr.: Sep.- May. Very common, in stream and river beds, on shaded forest floors.

Parthenium hysterophorus L., Sp. Pl. 988. 1753. ‘Gajar-gavat.’ Tall, Stout herb. Flr.: Throughout the year. Abundent, troublesome weed.

Pentanema cernuum (Dalz.) Ling , Acta Phyt. Sin. 110:180.1965 Syn. *Vicoa cernua* Dalz. Herb. Flr.: Nov.- Feb. Not common; along Chikhaldara, Khamla and Dharni roads.

Pentanema indicum (L.) Ling., Acta Phytotax. 179. 1965. Syn. *Vicoa indica* (L.) DC. Herb. Flr.: Nov.- Feb. Common, in open grass lands and along roads.

Phyllocephalum scabridum (DC.) K. Kirkman., Rhodora 83:10. 1981. Syn. *Centratherum phyllolaenum* (DC.) Benth. ex Hook.f. Herb. Flr.: Sep.- Oct. Rare; Bhimkund area in Chikhaldara.

Pulicaria wightiana (DC.) C.B.Clarke., Comp. Ind. 128. 1786. Herb. Flr.: Sep.- Mar. Rare; in Gavilgad area of Chikhaldara.

Pulicaria angustifolia DC., Prodr. 5:479. 1836. Herb. Flr.: Nov.- Feb. Dhargad range.

Senecio belgaumensis (Wight) C.B.Clarke., Comp. Ind. 200. 1876. Herb. Flr.: Aug.- Dec. Infrequent; Makhala and Chikhaldara plateaus.

Senecio bombayensis Balakr., J. Bombay Nat. Hist. Soc. 57:61. 1970 Syn. *Senecio grahamii* Hook.f. Herb. Flr.: Aug.- Nov. Rare; only on and around Chikhaldara plateau.

Senecio edgeworthii Hook.f., Fl. Brit. Ind. 3:346. 1881. Herb. Flr.: Aug.- Nov. Rare; on Chikhaldara and Vairat plateau.

Senecio laetus Edgew., Trans. L. Soc. Bot. 20:74. 1846. Syn. *Senecio chrysathemoides* DC. Herb. Flr.: Dec.- Jan. Rare; on Vairat hills on moist slopes.

Senecio nudicaulis Buch.-Ham. ex D.Don., Prodr. Fl. Nepal. 178. 1825. Herb. Flr.: Dec.- Jan. Rare; on Vairat hills along moist slopes.

Sclerocarpus africanus Jacq. ex Murray., Syst. Veg., ed. 14, 783. 1784. Herb. Flr.: Oct.- Dec. Not common; in Semadoh, Kolkhas and Dhakna localities on moist forest floors.

Sigesbeckia orientalis L., Sp. Pl. 900. 1753. Herb. Flr.: Oct.- Dec. Fairly frequent, among tall grasses.

Sonchus asper (L.) Hill., Herb. Brit. 1:47. 1769. Herb. Flr.: Oct.- Jan. Frequent, on moist waste lands.

Sonchus oleraceus L., Sp. Pl. 794. 1735. Herb. Flr.: Sep.- Jan. Occasional, on moist waste lands.

Sphaeranthus africanus L., Sp. Pl. 1314. 1763. Herb. Flr.: Oct.- Feb. Rare;
Sipna river bed at Kolkhas.

Sphaeranthus indicus L., Sp. Pl. 927. 1753. ‘Gorakhmudi.’ Herb. Flr.: Dec.-
Feb. Frequent, in drying ponds and on mud flats.

Synedrella nodiflora Gaertn., Fruct. Sem. Pl. 2:456. 1791. Herb. Flr.: Oct.-
Dec. Occasional.

Tithonia diversifolia (Hemsl.) A.Gray., Proc. Amer. Acad. Arts 19: 5. 1883.
Undershrub. Flr.: Oct.- Mar. Rare; near Dharni.

Tricholepis amplexicaulis C.B.Clarke., Comp. Ind. 240. 1876. Herb. Flr.:
Oct.- Dec. Occasional, among tall grasses.

Tricholepis glaberrima DC. , Prodr. 6:564. 1838. Herb. Flr.: Sep.- Nov. Not
common, among grasses.

Tridax procumbens L., Sp. Pl. 900. 1753. Herb. Flr.: Throughout the year.
Very common.

Xanthium strumarium L., Sp. Pl. 987. 1753. Robust herb. Flr.: Oct.- Nov.
Very common.

APIACEAE

Apium graveolens L., Sp. Pl. 264.1753. Herb. Flr.: July- Sep. Not common,
in interior forest along moist slopes.

Cyclospermum leptophyllum (Pers.) Sprague J. Bot. 61:131, 1923. Herb.
Flr.: Aug.- Sep. Rare; Chikhaldara.

Peucedanum dhana Buch.-Ham. ex C.B.Clarke., Fl. Brit. India 2:709. 1879.
Herb. Flr.: Aug.- Sep. Rare; on Vairat plateau.

Pimpinella candolleana Wight & Arn., Prodr. Fl. Ind. Orient. 1:369. 1834.
Herb. Flr.: Oct.- Nov. Frequent, in Chikhaldara, Dhakna, Tarubanda ranges
and Koktu valley.

Pimpinella lateriflora Dalz., Bomb. Fl. 106.1861. Herb. Flr.: Oct.- Nov.
Among tall grasses on shady slopes in Chikhaldara, Dhakna, Tarubanda
ranges and Koktu valley.

Pimpinella heyneana Wall., Numer. List 566. 1829. Herb. Flr.: Aug.- Oct.
Rare; Ghatang.

Pimpinella monoica Dalz., Kew Jour. Bot. 3:212. 1851. Herb. Flr.: Oct.- Dec.
Occasional, among tall grasses on Chikhaldara, Vairat and Makhala plateau.

Pimpinella tomentosa Dalz. ex C. B. Cl. , Fl. Brit. Ind. 2:689. 1879. Herb.
Flr.: Nov.- Dec. Chikhadara.

Annexure

Some additional records

Londhe *et al.* (2002) described some species from Melghat Tiger Reserve. Locality of few species is mentioned as Umarkhed; but, there is no such village in Melghat. However, there is a village named Upatkhed. Probably Umarkhed is spelling mistake. These species are not included in the main text here. They are - *Aristida setacea* Retz., *Ceropegia hirsuta* Wight & Arn., *Digitaria bicornis* (Lam.) Roem. & Schult., *Dipteracanthus prostratus* (Poir.) Nees, *Striga densiflora* (Benth.) Benth. and *Telosma pallida* (Roxb.) W. G. Craib

Following species were observed in field by authors, but not published.

Alternanthera ficoidea (L.) Sm. Cycl. 39(2 Suppl.): n. 8. 1819.

Amberboa ramosa (Roxb.) Jafri. Scientist (Karachi) 3: 29. 1959. Along Tarubanda road.

Argyreia striosa (Roth) Roberty. Candolleana 14:44. 1952. Syn. *Lettsomia setosa* Roxb. Khongda gate - Belkund road. (Was reported by Witt in 1916).

Ayapana triplinervis (Vahl) R.M.King & H.Rob., Phytologia 20: 212. 1970. Syn. *Eupatorium triplinerve* Vahl. Near Raipur area.

Cullen plicatum (Delile) C.H.Stirt. Bothalia. 13(3-4):317.1981. At the base of Narnala Fort towards Dhargadh. (Not reported before from Maharashtra).

Datura ferox L., Demonstr. Pl. 6 1753. Near Motha village.

Desmodium laxiflorum DC. Prodr. 2:334. 1825. In forest undergrowth.

Desmodium triflorum (L.) DC. Prodr. 2:334. 1825. In moist areas along Hatru – Jarida road.

Evolvulus nummularius (L.) L. Sp. Pl. (ed.) 391:1792. ‘Safed Shankh pushpi.’ Near rest house hillock, Ghatang.

Flemingia macrophylla (Willd.) Merr., Philipp. J. Sci., C 5:130. 1910. Shrub. Flr.: Jan.- Feb. Rare. Kolkaz road.

Fumaria indica (Haussk.) Pugsley, J. Linn. Soc. 44:313. 1919. Syn. *Fumaria vaillantii* Lois. var. *indica* Haussk., *Fumaria parviflora* W. & A. var *vaillantii* (Lois.) Hook. In agricultural fields.

Lindernia procumbens (Krock.) Philcox., Taxon 14: 30. 1965. Syn. *Vandellia erecta* Benth., *Anagalloides procumbens* Krock. Tourism area Raipur road.

Taxilus tomentosus (Roth) van Tiegh. Bull. Soc. Bot. France 42:256. 1895. Syn. *Loranthus gibbosus* Talbot. Interior forest.

Mucuna atropurpurea DC. Prodr. 2:405. 1825. Only old pod was seen collected by Mr. Gokul - a forest labour – from deserted village, Pirkheda, Dhargadh range. Needs further confirmation.

Torenia cordifolia Roxb. Pl. Coromandel 2: 52, pl. 161. 1798. Raipur tourism area.

Vigna vexillata (L.) A.Rich. hist. Fis. Polit. Nat., 1, 11:191.1845. Ranigaon road.

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*Look deep in to Nature, and then you
will understand everything better ...*

—Albert Einstein



Abrus precatorius



Acrocarpus fraxinifolius



Aeginetia indica



Aerides maculosa



Ariopsis peltata



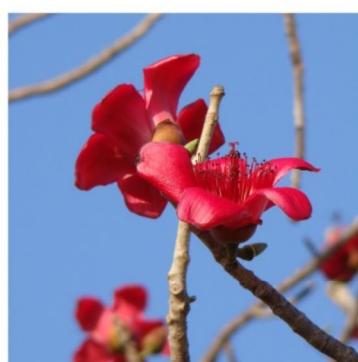
Asparagus racemosus var. javanicus



Bacopa monnieri



Balanites aegyptiaca



Bombax ceiba



Boswellia serrata



Buchnera hispida



Butea monosperma



Caesalpinia bonduc



Caesulia axillaris



Capparis sepiaria



Careya arborea



Carvia callosa



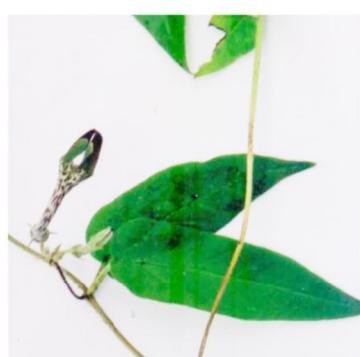
Cassia fistula



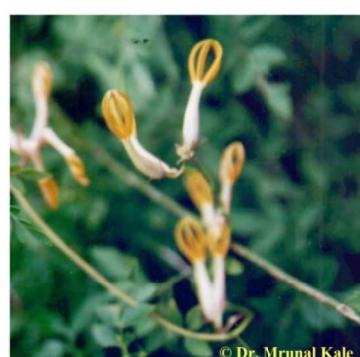
Celastrus paniculatus



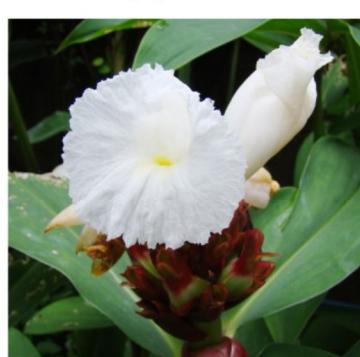
Celosia argentea



Ceropogia oculata



Ceropogia odorata



Cheilocostus speciosus



Curculigo orchioides



Clematis heynei



Cochlospermum religiosum



Convolvulus arvensis



Crinum viviparum



Cullen corylifolium



Curcuma pseudomontana



Didymocarpus pygmaeus



Dendrophthoe falcata



Dichrostachys cinerea



Diospyros melanoxylon



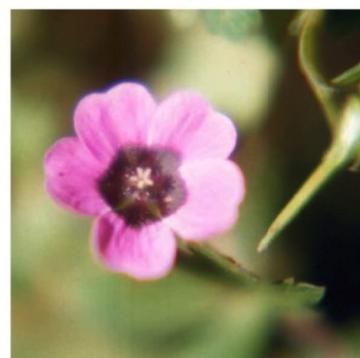
Dolichandrone falcata



Eclipta prostrata



Flemingia nana



Geranium mascatense



Glochidion heyneanum



Gloriosa superba



Gmelina arborea



Grangea maderaspatana



Grevillea robusta



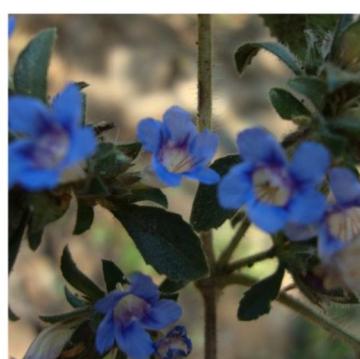
Haplanthus tentacullatus



Habenaria grandifloriformis



Hemidesmus indicus



Hemigraphis latebrosa



Holarrhena pubescens



Holoptelea integrifolia



Hydrolea zeylanica



Hygrophila auriculata



Hygrophila serpyllum



Indigofera cassiodoides



Justicia quinqueangularis



Kydia calycina



Leptadenia reticulata



Lindernia multiflora



Lobelia alsinoides



Mallotus philippensis



Millettia extensa



Mimusops elengi



Morinda coreia



Mucuna pruriens



Nervilia concolor



Nicandra physalodes



Operculina turpethum



Peristylus constrictus



Pueraria tuberosa



Plumbago zeylanica



Radermachera xylocarpa



Rhinacanthus nasutus



Rhynchosystylis retusa



Rivea hypocrateriformis



Semecarpus anacardium



Senecio belgaumensis



Sesamum mulayanum



Smithia conferta



Soymida febrifuga



Sphaeranthus indicus



Spermadictyon suaveolens



Striga gesnerioides



Tectona grandis



Terminalia arjuna



Theriophyton minutum



Toona ciliata



Tribulus terrestris



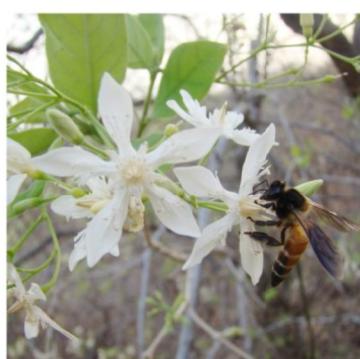
Tylophora fasciculata



Viscum articulatum



Woodfordia fruticosa



Wrightia tinctoria

Species were observed in field by authors, but not published.



Amberboa ramosa



Argyreia strigosa



Evolvulus nummularius



Mucuna atropurpurea



Taxillus tomentosus



Vigna vexillata



Dr. Prabha Y. Bhogaonkar is serving as a Member of Maharashtra Biodiversity Board. She worked as Professor of Botany and Director, Govt. Vidarbha Institute of Science and Humanities, Amravati. She is Founder President of Wildlife and Environment Conservation Society (WECS), Amravati.

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The logos for the Meighat Tiger Conservation Foundation and Melghat are displayed. The Meighat logo features a stylized green 'M' shape with a tiger's head and a sailboat, with the word 'MEIGHAT' written vertically. The foundation logo features a tree with paw prints and the text 'Meighat Tiger Conservation Foundation'.