

SHORT COMMUNICATION

Ayurveda, Unani and Siddha medicinal flora of Ratlam district of Madhya Pradesh: A preliminary survey

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ABSTRACT

An attempt has been made to prepare a detailed account of the medicinal flora of Ratlam district of Madhya Pradesh used in Ayurvedic, Unani and Siddha systems of medicine. In the present paper, 135 medicinal plant species belonging to 121 genera and 59 families are used in drug preparations.

Key Words

Ayurvedic
Madhya Pradesh
Medicinal plants
Ratlam district
Siddha
Unani

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INTRODUCTION

India has its traditional medicinal systems - Ayurveda, Siddha and Unani. In India, with one of the oldest ethnobotanical traditions in the World, medicinal plants are the backbone of all major systems of medicine (Ambasta, 1986; Kirtikar and Basu, 2004). Those who practice Ayurveda believe every person is made of five essential elements in the universe: space, air, fire, water, and earth. These combine in the human body to form three life forces or energies, called doshas (bodily humor). They control how your body works. They are Vata dosha (space and air), Pitta dosha (fire and water) and Kapha dosha (water and earth) (Khare 2004, 2008). Unani medicine also follows the humoral theory that explains the four senses of humor in the body: Blood (Dum); Phlegm (balgham); Yellow bile (Safra); Sauda (black bile) (Anonymous, 2005-2009). An equilibrium in the humor indicates good health, while a disturbance in this equilibrium results in disease. Siddha medicine is confined to Tamil Nadu and some adjacent parts of Kerala. Though initially used specific metals for promoting longevity, the system later on incorporated the humoral

framework of Ayurveda. It was also influenced by yoga and *tantrik* practices.

Ratlam district lies in the western part of the Malwa Plateau in Madhya Pradesh (Fig 1). Ratlam has an important place in the Railway Map of Madhya Pradesh. Its position as the Divisional Headquarters of Western Railway has considerably contributed to its growth as a Railway Town. The district forms part of the Commissioner's Division of Ujjain. The mathematical limits of the district extend from 23° 05' North to 23° 55' North and from 74° 30' East to 75° 42' East. It is a wide crescent with its concave on the East and widest part in the south. The most significant length of the district extends about 122 km from southwest to northeast. The district is bounded by Mandsaur district on the north, Jhabua and Dhar on the south, Ujjain on the east and Chittorgarh and Banswara district of Rajasthan State on the west. Shajapur district of Madhya Pradesh and Jhalawar district of Rajasthan also touches the northeastern boundary of Ratlam district (Fig. 2). The elevation generally varies from 434 to 549 m above mean sea level. The district comprises an area of 4861 sq. km inhabited by 1214536

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Figure 1: Location of Ratlam district in M.P.

persons according to Census 2001. The district is administratively divided into 6 Tahsils, viz. Ratlam, Sailana, Jaora, Piploda, Bajna and Alot. The forests, which occupy a total area of 499.92 sq km or 10.26 %, are of the dry deciduous Vb type (Champion and Seth, 1968). The forests are dominated by Teak (*Tectona grandis* L.f.). Other notable wood species are Sajad [*Terminalia tomentosa* (DC.) Wt. & Arn.], Mahua (*Madhuca indica* Gmel.), Tendu (*Diospyros melanoxylon* Roxb.), Palas [*Butea monosperma* (Lam.) Taub.], Kalam [*Mitragyna parviflora* (Roxb.) Korth.], Dhaora [*Anogeissus latifolia* (Roxb.) Wall. ex Bedd.], Bel [*Aegle marmelos* (L.) Corr.], Bija (*Pterocarpus marsupium* Roxb.) and Bamboo (*Dendrocalamus strictus* Nees.), which constituted a significant chunk of the middle canopy of the forests. In Ratlam district, there are two important rivers: the Chambal flowing north along with its tributaries and the Mahi flowing to the north-west. The climate of the State is generally sub-humid, with annual rainfall ranging from 700-1200 mm. The minimum and maximum temperatures range between 6 °C and 43 °C in January and May, respectively. The black cotton soil predominates the entire district. The vital aim of the present study on Ayurvedic, Unani and Siddha medicinal plants is the efforts to compile to collect scattered information and form a small article for researchers working in Ayurvedic, Unani and Siddha systems of medicine as well as for a database of the medicinal plants of Ratlam district of Madhya Pradesh used in Ayurvedic, Unani and Siddha system of medicine. The present paper deals with the medicinal plants used in the Ayurvedic, Unani and Siddha systems of medicine found in Ratlam district.

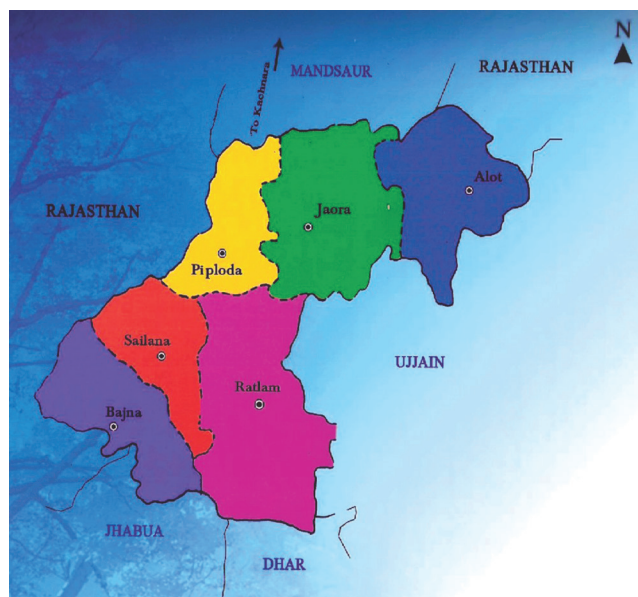


Figure 2: Location of study area in Ratlam district.

MATERIALS AND METHODS

Taxonomical surveys were conducted in different tracks in the study areas of the Ratlam district during 2004-2015, and the author recorded more than 500 Angiospermic taxa. These detailed floristic surveys and literature searches were made to document the Ratlam district's Ayurvedic, Unani and Siddha medicinal plants. The author selects 135 total medicinal plant species used in the Ayurvedic, Unani and Siddha systems of medicine based on available literature (Anonymous 2005-2009; Khare 2004, 2008; Kirtikar and Basu 2004) and having discussions with authorized herbal practitioners. In the present communication, an attempt has been made to enumerate the Ayurvedic, Unani and Siddha medicinal plants of the Ratlam district. The botanical name, family, habit, local name, Ayurvedic, Unani and Siddha names of medicinal plants are presented in Table 1. Herbarium specimens prepared following the standard method (Jain and Rao, 1978) have been deposited in the herbarium of the Botany Department, Govt Arts & Science PG College, Ratlam (M.P.). The herbarium specimens were identified with the help of standard floras (Khanna *et al.*, 2001; Mudgal *et al.*, 1997; Singh *et al.*, 2001; Verma *et al.*, 1993).

ENUMERATION

The enumeration is alphabetically arranged, followed by family, habit, common name, Ayurvedic, Unani and Siddha.

Table 1: Medicinally important plant species used in Ayurvedic, Unani and Siddha systems of medicine are found in the Ratlam district of Madhya Pradesh.

Botanical name and VSN	Family	Habit	Local name	Ayurvedic name	Unani name	Siddha name
<i>Abelmoschus esculentus</i> (L.) Moench. DJ-62	Malvaceae	Herb	Bhindi	Bhindaka	Baamaiyaa	Vendai
<i>Abrus precatorius</i> L. DJ-115	Fabaceae	Climbing Shrub	Lal chirmi	Gunja	Ghungghchi	Kunri
<i>Abutilon indicum</i> (L.) Sweet DJ-65	Malvaceae	Shrub	Kangsi	Atibala	Musht-ul-Ghaul	Thutti
<i>Acacia arabica</i> auct. DJ-01	Mimosaceae	Tree	Bambul	Babbuula	Aqaaqia	Karuvelei
<i>Acacia catechu</i> (Linn.f.) Willd. DJ-34	Mimosaceae	Tree	Kattho	Khadira	Khair	Kadiram
<i>Acacia leucophloea</i> (Roxb.) Willd. DJ-44	Mimosaceae	Tree	Khejdo	Arimeda	Kath safed	Valval
<i>Achyranthes aspera</i> L. DJ-02	Amaranthaceae	Herb	Andhijharo	Apaamaarga	Chirchitaa	Naayuruvi
<i>Adansonia digitata</i> Linn. DJ-114	Bombacaceae	Tree	Gorakh amla	Sheetphala	Gorakh imli	Papparupuli
<i>Adhatoda zeylanica</i> Medic. DJ-196	Acanthaceae	Shrub	Vaasaka	Adusa	Arusaa	Aadaathodai
<i>Aegle marmelos</i> (L.) Corr. ex Roxb. DJ-78	Rutaceae	Tree	Billo	Bel	Bael	Vilvam
<i>Albizia lebbek</i> (L.) Willd. DJ-258	Mimosaceae	Tree	Shirisha	Sirus	Siras	Vaagei
<i>Allium cepa</i> L. DJ-127	Liliaceae	Herb	Kando	Pyaz	Piyaz	Venkaayam
<i>Allium sativum</i> L. DJ-67	Liliaceae	Herb	Lasun	Lahsuna	Seer, Lahsun	Vellaippondu
<i>Aloe vera</i> L. DJ-56	Liliaceae	Herb	Gwarpatho	Ghi-kunwar	Gheekwaar, Sibr	Sotru kattrazhai
<i>Alstonia scholaris</i> R.Br. DJ-392	Apocynaceae	Tree	Saptarni	Saptaparna	Chhaatim	Mukkampalai
<i>Alternanthera sessilis</i> (Linn.) R.Br. ex DC. DJ-49	Amaranthaceae	Herb	-	Matsyaakshi	Machhechhi	Ponnonkanni keera
<i>Amorphophallus campanulatus</i> (Roxb.) Blume ex Decne DJ-299	Araceae	Herb	Garadu	Surana	Zamin-qand, Zamikand	Chenaikkizhang
<i>Anethum graveolens</i> L. DJ-198	Apiaceae	Herb	Suwo	Shataahvaa	Shibt, Soyaa	Sadakuppai
<i>Annona squamosa</i> L. DJ-88	Annonaceae	Tree	Sitaphaal	Seetaphaal	Sharifaa	Atta
<i>Anogeissus latifolia</i> (Roxb. ex DC.) Wall. ex Guill. & Perr. DJ-05	Combretaceae	Tree	Dhawdo	Dhava	Dhaawaa	Vellaynaga
<i>Apium graveolens</i> Linn. DJ-198B	Apiaceae	Herb	Ajmod	Ajmoda	Karafs	Celery-keera
<i>Argemone mexicana</i> L. DJ-06	Papaveraceae	Herb	Pili kateri	Katuparni	Satyaanaashi	Kudiyotti
<i>Argyrea speciosa</i> Sweet. DJ-64	Convolvulaceae	Twiner	Lambi veldi	Vridhdaarak	Samunder sokh	Ambgar
<i>Aristolochia indica</i> Linn. DJ-261B	Aristolochiaceae	Shrubby twinner	Battakh vel	Ishveri	Zaraavand-Hindi	Adagam
<i>Asparagus racemosus</i> Willd. DJ-07	Liliaceae	Under-shrub	Sataweri	Shataver	Sataavar	Sataavari kizhang
<i>Azadirachta indica</i> A. Juss. DJ-08	Meliaceae	Tree	Limdo	Nimba	Azaad-dara-kht-e-hindi	Vemmu
<i>Benincasa hispida</i> . (Thunb.) Cogn. DJ-200	Cucurbitaceae	Climbing herb	Bhuro koro	Gol kaddu	Pethaa, Mahdabaa, Kaddu-e-Roomi	Ven-poosani
<i>Barleria prionitis</i> Linn DJ-09	Acanthaceae	Shrub	Vajradanti	Baana	Piyaabaansaa	Chemmulli
<i>Boerhavia diffusa</i> L. DJ-117	Nyctaginaceae	Herb	Choti dhankni	Punarnava	Itsit, Bishkharpara	Mookkirattai
<i>Bombax ceiba</i> L. DJ-10	Bombacaceae	Tree	Hemlo	Semal	Semal, Mochras (Gum)	Mul Ilavam

<i>Boswellia serrata</i> Roxb. ex Colebr. DJ-419	Burseraceae	Tree	Sallar	Shallaki	Kundur (Gum)	Kungli
<i>Brassica nigra</i> (L.) Koch. DJ-11	Brassicaceae	Herb	Rai	Raajika	Khاردال Siyah	Kadugu
<i>Brassica campestris</i> L. DJ-139	Brassicaceae	Herb	Sarsu	Sarshapa	Sarson	Kadugu
<i>Butea monosperma</i> (Lamk.) Taub. DJ-13	Fabaceae	Tree	Khankhro	Palaasha	Dhaak, Samagh, Kamarkas	Palasam
<i>Caesalpinia bonduc</i> (L.) Taub. DJ-14	Caesalpiniaceae	Armed shrub	Ghatar	Kantak karanj	Karanjwaa, Akit-makit	Kazharchikkaai
<i>Cajanus cajan</i> (L.) Millsp. DJ-264	Fabaceae	Herb	Tuvari	Arahar	Arhar	Thuvarai
<i>Calotropis gigantea</i> (L.) Ait. f. DJ-69	Asclepiadaceae	Shrub	Safed ankru	Shwet aark	Madaar, Aak	Erukku
<i>Calotropis procera</i> (Ait.) R.Br. DJ-15	Asclepiadaceae	Shrub	Ankru	Rakt aark	Aakh, Madaar, Ashar	Erukku
<i>Cannabis sativa</i> L. DJ-118	Cannabinaceae	Herb	Vijaya	Bhang	Bhang, Charas, Qinnab	Ganja
<i>Capparis decidua</i> (Forsk.) Edgew. DJ-293	Capparaceae	Shrub	Kanthar	Karira	Kabar, Kabar-ul-Hind, Kab-e-Hindi, Tenti	Chhengan
<i>Capsicum annuum</i> L. DJ-140	Solanaceae	Herb	Mirach	Raktamircha	Mirch, Filfil-e-Ahmar, Filfil-e-Surkh, Surkh Mirch	Milagay
<i>Cardiospermum halicacabum</i> L. DJ-377	Sapindaceae	Climber	Kaan phutni	Kanphuta	Habb-e-Qilqil	Kottavan
<i>Carissa carandas</i> L. DJ-163	Apocynaceae	Shrub	Karamda	Karinkaara	Karondaa	Kalakke
<i>Cassia fistula</i> L. DJ-70	Caesalpiniaceae	Tree	Garmalo	Aaragvadh	Amaltaas, Khyar-shambar	Sarakkonrai
<i>Chlorophytum tuberosum</i> Bak. DJ-173	Liliaceae	Herb	Musli	Safed musli	Musali	Vallaimusali
<i>Cissus quadrangular</i> Linn. DJ-52	Vitaceae	Climber	Haadjood	Asthisamhaara	Hadjod	Perandai
<i>Citrus limon</i> (L.) Burm. f. DJ-18	Rutaceae	Shrub	Limbu	Nimbu	Utraj	Periya elumuchhai
<i>Cleome viscosa</i> L. DJ-150	Cleomaceae	Herb	Mrachio	Hurhur	Panwaar, Hulhul	Nalvellai
<i>Clerodendrum phlomidis</i> L. f. DJ-19	Verbenaceae	Shrub	Arni	Agnimantha	Baharangi	Tazhuthaazhai
<i>Clitoria ternatea</i> L. DJ-107	Fabaceae	Climber	Visnukanta	Aprajita	Mezereon Hindi	Kakkanam
<i>Coccinia cordifolia</i> Cogn. DJ-179	Cucurbitaceae	Climber	Tindori	Kanduru	Kanduri	Kovvai
<i>Cordia dichotoma</i> Forst. f. DJ-182	Boraginaceae	Tree	Gundo	Lisoda	Sapistaan, Lasodaa	Naruvili
<i>Coriandrum sativum</i> L. DJ-21	Apiaceae	Herb	Dhano	Dhaanyaka	Kishneez	Kotthamalli
<i>Cucurbita maxima</i> Duchesne ex Lam. DJ-355	Cucurbitaceae	Herb	Koro	Kaddu	Kaddu-e-Sheerin, Aqteen	Parangikayi
<i>Cuminum cyminum</i> L. DJ-148	Apiaceae	Herb	Jiru	Jira	Safed jeeraa, Kamun	Cheerakam
<i>Curcuma amada</i> Roxb. DJ-123	Zingiberaceae	Herb	Amba hardi	Ambi haldi	Aambaa haldi, Daarchob	Mangaiinji
<i>Curuma longa</i> L. DJ-23	Zingiberaceae	Herb	Hardi	Haridra	Zard Chob	Manjal
<i>Cynodon dactylon</i> (L.) Pers. DJ-225	Poaceae	Grass	Ghas	Durva	Duub	Arugampallu
<i>Cyperus rotundus</i> L. DJ-154	Cyperaceae	Sedge	Motho	Motha	Naagarmothaa, Saad-e-Kufi	Koraikkizhangu
<i>Dalbergia sissoo</i> Roxb. DJ-90	Fabaceae	Tree	Sisam	Shisham	Seesham	Irupoolai
<i>Datura metel</i> L. DJ-110	Solanaceae	Herb	Karo dhatro	Kala dhatura	Dhaturaa	Oomatthai
<i>Dioscorea bulbifera</i> L. DJ-168	Dioscoreaceae	Climber	Veldi	Varahi kand	Baraahikand	Pannu-kilangu
<i>Eclipta prostrata</i> (L.) L. DJ-111	Asteraceae	Herb	Kali bhedo	Bhangra	Bhangraa	Karisalaan kanni

<i>Enicostemma littorale</i> Blume. DJ-26	Gentianaceae	Herb	Nau	Chota chi-rayata	Naai, Nahi	Vellargu
<i>Ficus benghalensis</i> L. DJ-93	Moraceae	Tree	Vad	Vata	Bargad, Dara-kht-e-Reesh	Aalamaram
<i>Ficus glomerata</i> Roxb. DJ-81	Moraceae	Tree	Umri	Udambara	Anjir-e-aadam, Anjir-e-Ahmak, Gular	Atthi
<i>Ficus religiosa</i> L. DJ-60	Moraceae	Tree	Pipal	Peepal	Peepal	Arasu
<i>Foeniculum vulgare</i> Mill. DJ-124	Apiaceae	Herb	Sonp	Madhura	Saunf, Baadiyaan	Sombu
<i>Gossypium herbaceum</i> L. DJ-61	Malvaceae	Shrub	Kapas	Karpaasa	Pambahdaanaa (Seed)	Paruttikkootam
<i>Helicteres isora</i> L. DJ-94	Sterculiaceae	Shrub	Atedo	Aavartaki	Marorphali	Valampiri
<i>Hibiscus rosa-sinensis</i> L. DJ-63	Malvaceae	Shrub	Jasul	Gurhar	Gul-e-Gurhal	Semparuthi
<i>Holarrhena pubescens</i> (Buch.-Ham.) Wall. ex G. Don. DJ-82	Apocynaceae	Tree	Badi dudi	Kutaja	Inderjo talkh, Tee-waj-e-khataai	Kudasappalai-pattai
<i>Hordeum vulgare</i> Linn. DJ-**	Poaceae	Herb	Jau	Java	Jao shaeer	Yavam
<i>Hygrophila auriculata</i> (Sch.) Heine DJ-185	Acanthaceae	Herb	Talmakhana	Kokolaaksha	Taalmakhaanaa	Neermulli
<i>Indigofera tinctoria</i> L. DJ-420	Fabaceae	Herb	Nil	Nili	Habb-ul-Neel	Nili
<i>Ipomoea batatas</i> (Linn.) Lam. DJ-156	Convolvulaceae	Vine	Sakkerkand	Rataalu	Shakarkand, Rataalu	Sakkareivellai-kulangu
<i>Jasminum grandiflorum</i> L. DJ-186	Oleaceae	Climbing shrub	Chameli	Jaati	Yaasmin	Malli
<i>Jasminum sambac</i> (Linn.) Ait. DJ-32	Oleaceae	Climbing shrub	Mogro	Mallikaa	Mograa	Malligai
<i>Kalanchoe pinnata</i> (Lam.) Pers. DJ-125	Crassulaceae	Herb	Khatumdo	Patthar-chur	Zakhm-e-Hayaat	Runakalli
<i>Lawsonia inermis</i> L. DJ-33	Lythraceae	Shrub	Mendi	Mendika	Hinaa, Mehndi	Marudum
<i>Lens culinaris</i> Medic. DJ-234	Fabaceae	Herb	Masur	Masura	Masoor	Misurpurpu
<i>Lepidium sativum</i> L. DJ-126	Brassicaceae	Herb	Asalio	Chan-dra-shuura	Habb-ul-rashaad, Tukh-e-Taratezak, Haalim, Sipandaan	Alivirai
<i>Limonia acidissima</i> L. DJ-77	Rutaceae	Tree	Kavit	Kapittha	Kuvet	Narivila
<i>Linum usitatissimum</i> L. DJ-149	Linaceae	Herb	Alsi	Atasi	Kattan	Ali
<i>Mangifera indica</i> L. DJ-85	Anacardiaceae	Tree	Ambo	Aamra	Aam, Ambaj	Manga
<i>Melia azedarach</i> L. DJ-280	Meliaceae	Tree	Bakain	Bakayan	Bakaayan	Malaivembu
<i>Mimosa pudica</i> L. DJ-233	Mimosaceae	Herb	Chuimui	Lajjaalu	Chhuimui, Sharmili, Laajwanti	Thottalsurungi
<i>Mimusops elengi</i> L. DJ-187	Sapotaceae	Tree	Molsari	Bakula	Molsari	Magilam
<i>Mirabilis jalapa</i> L. DJ-452	Nyctaginaceae	Herb	-	Trisandhi	Gul-abbaas	Andhimalligai
<i>Momordica charantia</i> L. DJ-171	Cucurbitaceae	Climber	Karelo	Karavellaka	Karelaa	Paakal
<i>Moringa oleifera</i> Lam. DJ-98	Moringaceae	Tree	Surajno	Sahjan	Sahajan	Murungai
<i>Mucuna pruriens</i> (L.) DC. DJ-188	Fabaceae	Climber	Sarsoi	Kapikachuu	Konchh	Poonaikkaali
<i>Nerium indicum</i> Mill. DJ-74	Apocynaceae	Shrub	Kaner	Karavira	Kaner safed, Diflaa, Samm-ul-maar, Khar-za-harah	Arali
<i>Nyctanthes arbor-tristis</i> L. DJ-105	Oleaceae	Shrub	Tamath	Parijaat	Harasingaar	Pavaza mattigai
<i>Ocimum basilicum</i> L. DJ-37	Lamiaceae	Herb	Maruo	Barbari	Rehan	Tiruneetripachhiali
<i>Ocimum sanctum</i> L. DJ-38	Lamiaceae	Herb	Tulsi	Tulsi	Tulasi	Tulasi
<i>Pandanus fascicularis</i> Lamk. DJ-39	Pandanaceae	Small tree	Kevdo	Ketaki	Keoraa	Thalay

<i>Papaver somniferum</i> L. DJ-40	Papavaraceae	Herb	Ammal	Ahiphena	Afyum, Tukhm-e-khashkhaash (Seed)	Kasakasa
<i>Peristrophe bicalyculata</i> (Retz.) Nees DJ-363	Acanthaceae	Herb	-	Kakjangha	Kakjanghaa	Chebisa
<i>Phoenix sylvestris</i> Roxb. DJ-104	Arecaceae	Tree	Khajur	Kharjuuri	Khajur	Icham
<i>Phyllanthus emblica</i> L. DJ-84	Euphorbiaceae	Tree	Amlo	Amla	Aamalaa, Amlaj	Nelli
<i>Phyllanthus niruri</i> Auct. non. L. DJ-178	Euphorbiaceae	Herb	Bekhri	Bhuamla	Bhui aamalaa	Keelkaay nelli
<i>Plumbago zeylanica</i> L. DJ-42	Plumbaginaceae	Shrub	Chitawal	Chitrak	Sheetraj Hindi	Chittramoolam
<i>Pongamia pinnata</i> (L.) Pierre DJ-102	Fabaceae	Tree	Karanj	Karanja	Karanj	Pungam
<i>Portulaca oleracea</i> L. DJ-43	Portulacaceae	Herb	Lunkio	Badi lona	Khurfaa, Kulfaa	Pulli-keerai
<i>Portulaca quadrifida</i> L. DJ-346	Portulacaceae	Herb	Loni	Choti lona	Loniya	Siru Pas-alai-keerai
<i>Psidium guajava</i> L. DJ-45	Myrtaceae	Tree	Jaamphal	Amaruuda	Amrood	Koyya
<i>Psoralea corylifolia</i> L. DJ-294	Fabaceae	Herb	Bapchi	Bakuchi	Baabchi, Bakuchi	Karpoogaarisi
<i>Punica granatum</i> L. DJ-404	Punicaceae	Tree	Anar	Daadima	Anaar, Roomaan, Gulnaar, Gulnaar farsi	Maathulai
<i>Raphanus sativus</i> L. DJ-128	Brassicaceae	Herb	Muli	Muulaka	Muuli, Turb fajal	Mullangi
<i>Ricinus communis</i> L. DJ-47	Euphorbiaceae	Shrub	Arandi	Eranda	Bedanjeer, Arand	Ammanakku
<i>Santalum album</i> L. DJ-143	Santalaceae	Tree	Chandan	Chandana	Sandal safed, Sandal-e-Abyaz	Chandanam
<i>Senna occidentalis</i> (L.) Link. DJ-106	Caesalpiniaceae	Shrub	Hanpwari rukhdi	Ban-chironta	Kasondi	Thagarai
<i>Sesamum indicum</i> L. DJ-457	Pedaliaceae	Herb	Til	Tila	Kunjad, Til	Ellu
<i>Sida cordifolia</i> L. DJ-133	Malvaceae	Herb	Balbij	Balaa	Bariyaara, Khirhati, Khireti, Kunyai	Nilatutti
<i>Solanum nigrum</i> L. DJ-144	Solanaceae	Herb	Charpoti	Makoi	Mako	Manathakkali
<i>Solanum surattense</i> Burm. f. DJ-75	Solanaceae	Herb	Bhuri rindi	Kantkari	Kataai khurd, Hadaq	Kandankatthiri
<i>Syzygium cumini</i> (L.) Skeels DJ-86	Myrtaceae	Tree	Jambu	Jambu	Jaamun	Naaval
<i>Tagetes erecta</i> L. DJ-334	Asteraceae	Herb	Gendo	Gendaa	Sadbarg, Gul-Haz-aaraa, -Gul-jaafari	Thuruksaamanthi
<i>Tamarindus indica</i> L. DJ-101	Caesalpiniaceae	Tree	Amli	Amli	Tamar Hindi	Puli
<i>Tephrosia purpurea</i> Pers. DJ-396	Fabaceae	Herb	-	Shara-punkhaa	Sarponkhaa, Sar-phukaa	Kolingi
<i>Terminalia arjuna</i> (Roxb.) Wt. & Arn. DJ-87	Combretaceae	Tree	Kavdo	Arjuna	Arjun	Marudan
<i>Terminalia bellerica</i> (Gaertn.) Roxb. DJ-145	Combretaceae	Tree	Bedo	Bahera	Balelaa, Baheraa	Thandrikkai
<i>Tinospora cordifolia</i> (Willd.) Miers. ex Hk. f. & Th. DJ-50	Menispermaceae	Climber	Limbvel	Guduuchi	Gilo, Gulanchaa, Sat-e-gilo (Starch)	Seenil
<i>Trachyspermum ammi</i> (L.) Sprangae. DJ-51	Apiaceae	Herb	Ajwain	Yavaani	Nankhwaah, Desi Ajawaayin	Omam
<i>Trapa bispinosa</i> (Roxb.) Maki-no. DJ-134	Trapaceae	Herb	Singada	Trikota	Singhaaraa	Singara
<i>Trianthema portulacastrum</i> L. DJ-158	Azoiaceae	Herb	Dhakni	Varshaabhu	Biskhaparaa	Sharunai
<i>Tribulus terrestris</i> L. DJ-136	Zygophyllaceae	Herb	Bekhrio	Chho-ta-gokhru	Khaar-e-khasak khurd	Nerinjil
<i>Trigonella foenum-graceum</i> L. DJ-160	Fabaceae	Herb	Methi	Methikaa	Hulbaa, Methi	Vendhayam

<i>Urginea indica</i> (Roxb.) Kunth. DJ-152	Liliaceae	Herb	Jangli kando	Vajrakanda	Unsul-e-hindi, Isqueel-e-Hindi, Piyaaz-Dasti, Piyaaz-Sahraayi, Jangli Piyaaz	Narivengayam
<i>Vernonia anthelmintica</i> Willd. DJ-151	Asteraceae	Herb	Ghoda jiru	Aranya jiraka	Kamoon barri	Kaattu seer-akam
<i>Vitex negundo</i> L. DJ-99	Verbenaceae	Shrub	Negad	Nirgundi	Sambhaalu, Fan-jankist	Nochi
<i>Vitis vinifera</i> Dunal. DJ-370	Vitaceae	Climber	Angoor/Dakh	Draakshaa	Angoor. Dehydrated fruit- Daakh, Maweez, Zabeeb, Munnaqqaa, Kish-mish	Draksha
<i>Withania somnifera</i> (L.) Dunal DJ-132	Solanaceae	Shrub	Ashing	Ash-wa-gandhaa	Asgandh	Amukkuram-kizhangu
<i>Zingiber officinale</i> Rosc. DJ-53	Zingiberaceae	Herb	Adrak	Fresh rhizome- Adrak, Dried rhizome- Sonth	Fresh rhizome- Zanjabeel-e-Rabat, Al-Zanjabeel. Dried rhizome- Zanjabeel, Zanja-beel-e-yaabis	Fresh rhizome-Inji, Dried rhizome-Sunthi

RESULTS AND DISCUSSION

According to the present investigation, 135 Ayurvedic, Unani and Siddha medicinal Plant species in the Ratlam district of Madhya Pradesh belong to 121 genera and 59 families. The majority of the species of medicinal Plants are Herbaceous (65 species), followed by shrubs (25 species), trees (36 species) and climbers (9 species). Most of the species (12 species) belong to the family Fabaceae. Rest of the species are followed by Apiaceae, Liliaceae, Solanaceae (6 species each), Malvaceae and Mimosaceae (5 species each) and Apocynaceae, Acanthaceae, Brassicaceae, Caesalpiniaceae & Cucurbitaceae (4 species each). The author has felt the need for the present work to provide basic information to pharmaceutical industries and various other organizations working on the traditional system of medicines. The information on all potential medicinal Plants based on data recorded from the literature has been incorporated so that the natural resources may be utilized as an alternative source of drugs for the welfare of humankind without affecting the natural ecosystem.

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