

# Study of Various Plant Species Useful in Each Nakshatra for Human Society

Dr. Rutesh R. Shah and Dr. R. S. Patel

K K Shah Jarodwala Maninagar Science College, Rambaug, Maninagar, Ahmedabad, Gujarat, India

**Abstract-** The Punitvan is a conglomeration of Panchvati, Nakshatra Van, Rashi Van, Navgraha Van and Charak Van. The Punitvan inspires to human society to plant the trees and care they including all matters. Punitvan is situated in sector 18, Gandhinagar. It was established in the year 2004. Thus Punitvan gives us inspiration to protect the plants and to know its uses. There are various plants planted according to different themes like planets, constellations, a sign of zodiac, and Panchavati. Present paper indicates 27 constellations with 27 plant- species show importance of individual. In the ancient time our elders were directly or indirectly connected with the trees. They believed that plants are useful to different purposes in life. Recently people believe in astrology, so they can care and protect the plants regularly.

or wrapping plants or their parts around their body. So, certain plant species associated with the constellations and are believed to have medicinal properties for treating the various diseases.



Study area map

**Index Terms-** Punitvan, Plantation, Constellations, Species.

## I. INTRODUCTION

In our civilization/society all the ceremonies beginning from the birth to death are celebrated after consulting religious almanac. The advice of an astrologer is sought on various occasions such as Naming Ceremony, Wearing Sacred, Thread, Marriage, Baby-shower, Land Reverence, Laying of Foundation Stone Ceremony or Entering a new building/house, Ceremony performed before occupying a new dwelling, Journey of a long duration/distance, Commencing of new business/profession/industry etc. We have a tradition to consult the auspicious day, time, moments minutely before starting any occasion/ceremony. It is clearly seen that there is a great impact of planets, status of planets at the time of birth in the horoscope and constellations at the time of ceremony in our routine life. In astrology it is clarified that the person can be free from depression, sickness, physical-social-economical-mental or supernatural troubles by planting a tree/plant relevant to the constellation existing at the time of his/her birth. This is only the reason why our ancestors have revered the trees as Gods and placed them equivalent to the divine elements/Gods-Goddesses. For this purpose a specific structure had been prepared for devotees to worship a worth-worshipping tree/plant according to the status of divine constellations at the time of birth of a person. According to Constellation, Human being is always dominated by the presence of Sun, Moon and other planetary structures. The purchasing power of Gems/Pearls is too costly for poor. Since ancient times, plants were considered invaluable to Gems/Pearls. Tribal inhabiting in forests are "Nature lovers" and use plants in various forms and ways. They believe that the dominance of weak and obstacle causing factors can be minimized by wearing

## II. MATERIALS & METHODS

The present paper deals with a preliminary study on plant species associated with the planets at Punitvan. Its reports botanical name, local name, family, and morphological characters of various angiosperm plants which are planted in the Punitvan according to the planets. We have taken photographs and collected information with several trips. The species were arranged according to Bentham and Hooker system of classification by using the flora of Gujarat state.

## III. ENUMERATION

The details of all the twenty seven constellations are given hereunder to help you understand their importance in entire life span.

**(1) Ashwini:** It is situated at 0o to 13o 20' in the first zodiac sign of Aries. It is shaped as a mouth/face of horse and there are three stars in it. This constellation has windy (Vaayu) nature (Prakruti) and it directs towards the humanbody above the legs. It has blood-red colour. This is divine constellation, its origin (Yoni) is Ashwa, East (Purva) Yunja and Adhya Nadi. The Nirayana Surya stays in this constellation from 14th April to 27th April. During 14 to 17 April it is in first phase (Charan), from 17th to 20th April in second phase (Charan), on 20th April in third phase (Charan) and on 21st April in fourth phase (Charan). Its lord of Situation (Dasha-naath) is Ketu. Ashwini, Megha and Moola are the constellations of Ketu.

**Zer-Kochalu:(*Styrox nuxvomica*)** Such shell-plants are used as medicinal herbs in ailment of Fever, Weakness, Neurotic problems, Hair-fall, Hair Skin of Skull etc.. They soothe the wounds, skin-boils, abscesses; leaves of this plant are used in

poultice form. Nowadays this plant is used as insecticides to protect crop. It is dangerous in excessive usage. The seeds of this plant can be used only after complete purification. Nux Vomika is worshipping plant for those persons born within the tenure of this constellation. The deity of Ayurveda is God Ashwinikumar. Shell-trees are too much useful in many diseases. The persons born in this constellation are therefore related to God Aswinikumar and a plant like Nux Vomika.

(2) **Bharani:** This constellation is situated at 13<sup>o</sup>20' to 26<sup>o</sup>40' in the Aries. It is shaped like a feminine generative organ with three stars situated in it. Its origin (Yoni) is Gaja, East (Purva) Yunja, Manushya Gana and Madhya Nadi. Its Lord of Situation (Dashanaath) is Shukra (Venus). It has a span of 20 years of Dasha. It is of feminine gender with Royal virtues. It directs towards the human body's lower parts of legs. Its colour is red and God is Yama (God of Death). The Nirayana Surya stays in this Nakshatra from 29th April to 11th May. It is in the first phase (charan) from 28th to 30th April, from 1st May to 3rd May in second phase (charan) from 4th May to 7th May in third phase (charan) and from 7th May to 10th May in fourth phase (charan). A period of 36 minutes of entering (Pravesh) is known as Visha Nadi (Venom).

**Amala [*Phyllanthus emblica*]:** Jam of unripe fruits, pickles of this fruits are made which are full of energy, digestive and immunative. Its taste is astringent and is helpful in urinal and indigestion problems. Dry fruits are very useful in bleeding, diarrhea and constipation. The fruits are having abundant elements of Vitamin-C. If used with contents of Iron, it soothes the patients suffering from Jaundice, Indigestion, Asthama, Coughing etc. Those who belong to this constellation, this tree is as good as a worshipping tree. If the person recites hymn (Mantra) of this Nakshatra sitting under the tree as shown below, his all the problems are solved and gets good results.

(3) **Krutika:** It begins from 26<sup>o</sup>40' of Aries and till 10<sup>o</sup> of Taurus is the status of this constellation which is named after the first son of Lord Shiva : Kartikeya. It is shaped like a shaving-tool's end or an end of arrow having six stars in it. Its god is Agni Dev (God of Fire), Class (Varg) of Garuda, Origin (Yoni) of Mash (Aries), Devil (Rakshasa) Gan, East (Purva) Yunja and Antya Nadi. Its God of Situation (Dasha Naath) is the Sun (Surya) and Dasha (tenure) is 6 years. It remains from 12th May to 14th May in first phase (charan) from 15th May to 18th May in second phase (charan), 18 to 21st May in third phase (charan) and from 22nd May to 28th May it is in the fourth phase (charan).

**Cluster Fig. : (*Ficus racemosa*):** Oudumber is extremely useful and virtuous tree. It is cool by nature. Birds, insects and worms are attracted towards its fruits because of sweet taste and worms are found in their fruits. But the fruits are dried and crushed into powder form for storage purpose. A sweet food is prepared using this powder after adding milk, sugar and flour. The leaves of this tree are a very good fodder for domestic animals. The nector dribbling from its roots is used to prepare Oudumbarasava. This Asava is very useful remedy for patients suffering from Small-Pox, Chicken-Pox, Measles etc.. This is also used in case of diabetes patients. The person born in this Nakshatra should worship this tree and recitation of the

following Mantra under this tree will give an expected result of good fortune.

(4) **Rohini:** Rohini means a red cow in sanskrit and it is the name of mother of Lord Balam/Balabhadraji, elder brother of Lord Krishna. She is daughter of Kashyap rishi and Surabhi. Beginning from 10<sup>o</sup> of Taurus (Vrushabh Rashi) and ending at 23<sup>o</sup> 20' of the same is called Rohini Nakshatra. It is having a shape of a chariot with five stars in it. It is also called as a Cart (Shakat). The Nirayan Sun (Surya) remains in this constellation in first phase (Charan) from 26th to 28th May, second phase (Charan) from 29th to 31st May, third phase (Charan) from 1st to 4th June and during 4th to 8th June in fourth phase (Charan). Its first phase (charan) has varg (class) of Garuda where as the class (Varg) of 2nd 3rd and 4th phase (charan) is Mruga. Its Origin (Yoni) is Snake (Sarpa), Gana is Human

(Manushya) East (Purva) Yunja and Antya nadi. Its God of Dasha (Dasha naath) is the Moon (chandra) with a tenure of ten years.

**Jamun tree [*Syzygium cumini*]** The fruits of this tree are sweet and tasty. Fresh fruits and their juice is useworthy for patients of diabetes. Generally the fruits are ripe during monsoon which are useful in ailments. The young children can be free from stomachache, indigestion, lack of appetite gripping. In case of scorpion's bite, the juice of leaves of this tree is very effective. Its wood is used in construction, furniture as well as fuel. The person born during the influence (Prabhav) of this constellation is suggested to worship this tree.

(5) **Mrugshirsha :** This constellation has status in Taurus (Vrushabh) Rashi from 23<sup>o</sup>20' till 6<sup>o</sup>40' of Gemini (Mithun) Rashi. It has a shape of the head of a deer/antelope having three stars arranged in it. The God of this Nakshatra is Moon (Chandra), class (varga) of its first and second phase (charan) is deer (Mruga) whereas the class (varga) is Cat (Marjar) class (varg) of 3rd and 4th phase (charan). Its origin (Yoni) is Snake (Sarpa), dev-gana, East (Purva) yunja and Madhyam Nadi. Its vishottari God of position (Dasha-naath) is Mars (Mangal) which has tenure of seven years. The nature (Guna) of this Constellation is hot-tempered (Tamasika) Origin (Yoni) is impotent (Napunshak) and it has supremacy (Aadhipatya) on the eye-brow of a man. It has silver (Ruperi) colour.

In this constellation the Nirayan Surya stays from 8th to 11th June in first phase (charan), 12th to 15th June in second Phase (charan), from 16th to 18th June in third phase (charan) and from 19th to 21st June in fourth phase (charan).

**Catechu Tree : (Kher tree) : (*Acacia chundra*)**

These trees are found in areas of Gujarat, Punjab, Bihar, Madhya Pradesh, Maharashtra and Gadhwal-Kumaon areas of Himachal Pradesh. They are in majority states of India. Extract or powder of Catechu tree wood is its main product being used with betel leaf. This extract or powder (Katho) is used to prepare ayurvedic medicines such as Swalp Khadir, Khadirashthi, Khadirashtak etc. This tree is a useful medicine for skin diseases particularly Albino (Kustharoga) and toothache as well as pain of molar teeth (Daadh). If the person of this Nakshatra sits and worships following hymn under Catechu tree, his problems are solved and gets good result.

(6) **Aadra:** This constellation exist in Gemini (Mithun) from 6<sup>o</sup>40' to 20<sup>o</sup>0'. The class (varg) of 1st, 2nd and 3rd phase (charan) is Cat (Marjar) and that of 4th phase (charan) is Lion

(Lio-Sinh). Its origin (Yoni) is Shwana, Manushya Gana, Madhya Yunja and Aadhya Nadi. Its shape is like an only bright-shining star. Ardra means wet. Lord Rudra (Shiva) is its God (Devta) and its vishottari nath (God) is Rahu (Dragon's head) having tenure of 18 years. It has command on nerves system of human body. Aardra Nakshatra's body parts are hands, shoulder and neck. Some learned people consider its impact on eyes. Its colour is green. It is in the tribe of lowest caste (Executioner- Butcher). It has hot tempered virute (Tamasik Guna). The Nirayan Sun (Surya) remains in this constellation in first phase (charan) from 22 to 25th June in second phase (charan) from 26th to 28th June, from 29th June to 1st July in third phase (charan) and in the fourth phase (charan) from 2nd to 6th July. It is believed that this Nakshatra is the best period for commencing education of a child.

**Sisam: (*Dalbergia sissoo*)**

Indian Rosewood is a deciduous rosewood tree, also known as sisu, sheesham, tahli, Tali and also Irugudujava. It is native to the Indian Subcontinent and Southern Iran. In Persian, it is called Jag. It is the state tree of Punjab state (India) and the provincial tree of Punjab province (Pakistan). It is primarily found growing along river banks below 900 metres (3,000 ft) elevation, but can range naturally up to 1,300 m (4,300 ft). The temperature in its native range averages 10–40 °C (50–104 °F), but varies from just below freezing to nearly 50 °C (122 °F). *D. sissoo* is a medium to large deciduous tree with a light crown which reproduces by seeds and suckers. It can grow up to a maximum of 25 m (82 ft) in height and 2 to 3 m (6 ft 7 in to 9 ft 10 in) in diameter, but is usually smaller. Trunks are often crooked when grown in the open. Leaves are leathery, alternate, pinnately compound and about 15 cm (5.9 in) long. Flowers are whitish to pink, fragrant.

**(7) Punarvasu :** This constellation exists between Gemini 20o to 3o20' of Cancer. 1st, 2nd and 3rd phase (charan) of this constellation are in Gemini and 4th phase (charan) is in Cancer. Its first and second phase (charan) are of Cat (Marjar Varga) and third as well as fourth phase (charan) are of Cancer (Mesh Varga). Its origin (Yoni) is Marjar, Devgana, Madhya Yunja and Aadhya Nadi. Punarvasu means to dwell-reside again. There are four stars in this Nakshatra. Aditi is its God of worship. Aditi is the mother of Lord Vishnu and the Sun. She is wife of Kashyam Rushi. There are twelve Aaditya who are her sons. Lord Rama was born during this constellation when it was in the fourth phase (charan). Its colour is like lead. It has command over the nose. It is a male constellaiton and is endowed with virtues.

**Bamboo-Tree: (Vaans) : (*Dendrocalamus strictus*) :**This tree is generally found in every part of India. It is mostly grown in Western and Southern India. In Gujarat it is found in the forests of Dang and Rajpipla. This tree is of many varieties in case of its length, thickness etc. Every bamboo tree is having knots (Ganth) from which a very effective medicinal object named Vansh-Lochan is obtained. This herb/medicinal object is used not only in India but also in Japan and China. The leaves of this are boiled and pasted on the joints of human body to treat rheumatism (Sandhiva). This constellation's person is advised to worship the bamboo tree. Similar to bamboo's usefulness, the person belonging to this Nakshatra is ready to help others.

**(8) Pushya: The** Pushya constellation being a very prosperous is having three stars in it. It exists in 3o20' to 16o40'

of Cancer (Kark). The class (Varg) of first, second and third phase (charan) is Aries (Mesh) and that of fourth phase (charan) is dog (Shwan). The origin (Yoni) of this Nakshatra is Aires (Mesh), Dev gana, Madhya Yunja and Madhya Nadi. Its swami (God) is Saturn (Shani) which has a tenure of 19 years. Pushya means to nurture, to strengthen. It is having hot tempered virtue. Its colour is reddish black and has command on face. Its swami (God) is Bruhspati (Jupiter). Bharatji, brother of Lord Rama was born in this constellation.

**Peepal Tree : Sacred Fig (*Ficus religiosa*)**This tree is grown in every part of India. It is a sheddy tree with speedy growth. The followers of Hinduism and Buddhism worship this tree and consider it as a sacred tree on the earth. Its soft leaves, buds and fruits are used as a food during famine. Its furits are favoured food of birds and leaves are a good fooder for domestic animals. Its wood is used as wood-board for furniture. Its tender leaves and bark are used as medicine. The bark of this tree is a very effective medicine in skin diseases particularly eczema. This costellation is believed to be a very sacred and auspicious. There is a tradition of purchasing gold, jewellery, ornaments during the day of Gurupushyamrut Yoga or Amrutsiddhi Yoga. The Peepal tree is very sacred and is worshipping tree for persons of this Nakshatra. The people belonging to this Nakshatra are found spiritual, peaceloving, calm and full of perseverance because of this sacred tree.

**(9) Aashlesha :**This constellation exists in Cancer (Kark) from 16o40' to 30o. Ashlesh means to hug or to embrace. Its class (varg) is shwan (Dog), origin (Yoni) is Marjar (Cat), Rakshasa (Devil) Gan, Madhy Yunja and Anty Nadi. This is a virtuous Nakshatra. Its Dasha naath is Mercury (Budh) having tenure (Dasha Varsh) of 17 years. It is circle shaped or a snake shaped with five stars in it. Its deity; is Serpant-God. Laxman and Shatrughna, borthers of Lord Rama were born during the period of this constellation. The Nirayan Surya (Sun) remains in this constellation from 3rd to 10th August. Its command is on Ears. Its colour is reddish black with Stree Yoni (Female Origin).

**Naagkesar : Mesua Tree (*Mesua ferrea*)**

This middle sized tree is found in the Himalayan range, Andaman Islands, Southern India and North-East India. It is found in a range of 1500 mts. in Andaman Islands. It is also found in Nepal. This tree is ever-green, beautiful tree with blue coloured round-stems. Its stem is straight and sticky. The pistil of its flower is known as Naagkeshar. It is always used as medicine. This tree having large quantity of leaves is grown generally in the compound of temples, gardens and road-sides. Its wood is very strong and is known as Iron-wood. Naagkeshar is the worshipping tree for persons of "Aashlesha", "Vishakha" and "Anuradha" constellations. The Gods of them are Naag (Snake God), Indra and Surya (Sun) respectively. It is believed that the flower, pistil and the tree are respectively worshipped by these Constellations. The God of this constellation is Serpant God.

**(10) Magha :**This constellation remains in Leo (Sinh) from 0o to 13o20'. There are five stars in a straight line. Some people consider six stars in it and imagine it as a figure/shape of a house. The Gods of this constellation are forefathers (Pitruo), Class (Varg) of Mouse (Mushak), its origin (Yoni) is of Mouse (Mushak), Rakshas (Devil) Gana, Madhy Yunja and Antya Nadi. It has command over lips and chin. Its colour is creamy and virtue is hot-tempered (Tamasik). Its origin (Yoni) is lady.

### **Banyan Tree (Vat Vruksha-Vad) (*Ficus benghalensis*)**

This tree is found everywhere in India. Banyan Tree is symbol of long life-span, strength and prosperity. It is huge with spreaded green leaves and airy-roots resulting into a great and unending tree. All the parts of this tree are used as medicine. Its gum is used to treat boils, joint-pain, toothache and cracks of heels. Its fruits are given to stop diabetes and germ is a resulting medicine in family-planning and guineaworm. In Indian civilization, Banyan tree is of great importance. A chaste & devotional wife worships this sacred tree on full-moon day (Poornima) of Jyestha month (Eighth month of Vikram Era). There is a mythological ancient incident of Satyavan who was dead. But his chaste-devotional wife Savitri worshipped this tree : observed the vow of the tree and could get her husband alive from death-bed. Majority Indians worship this tree.

**(11) Purva Falguni :** This Constellation exists in Leo (Sinh) from 13o20' to 26o40'. The God of this constellation is Bhag which one of the names of Surya (Sun). He is the son of Aditi. Its shape is of a bed-stead's four legs. In the two square sides of these legs three are two stars on each one. The class (varg) of first phase (charan) is Mouse (Mushak) and that of the second, third and fourth phase (charan) is dog (Shwan). Its origin (Yoni) is Mouse (Mushak), Manushya Gan, Madhya Yunja and Madhya Nadi. Its Vishottari God (Vishottari Dasha-Naath) is Venus (Shukra) with a tenure of 20 years. It has covetous-greedy quality. It has command on the right hand. Its colour is light blue. The Nirayan Sun (Surya) reamains in this constellation during the period from 31st August to 12th September.

**Kesudo-Khakhharo :** [*Butea monosperma*] This tree is found in every part of Gujarat. Its flowers having red colour of rays of rising Sun are main characteristics. These flowers are very useful on boils and skin ailments so it is called Shataghra. The coal of this tree is destroyer of stinking smell/bad-odour. Its gum is useful in bleeding and diarrhoea. The seeds of the flower are useful to treat worms.

**(12) Uttara Falguni:** This constellation exists in Leo (Sinh) 26o40' to 10o of Virgo (Kanya). The class (Varg) of 1st and 2nd phase (charan) is Dog (Swan) and that of 3rd and 4th phase (charan) is Mouse (Mushak). Its origin (Yoni) is of a cow, Manushya Gana, Madhya Yunja and Aadhya Nadi. The shape is like legs of bed-stead with two stars. Its God is Aryama. It is one of the twelve Aaditya. The Sun remains in this Constellation for a period from 13th September to 26th September.

**Payer-Peepar - Khadak : Indian Laurel [*Ficus rumphii*]** This tree is found in Gujarat, West Bengal, Central India and Himachal Pradesh. They are grown in the forests of Southern Parts and on road-sides. This tree is similar to peepal tree with similar medicinal characteristics. The bark decoction of this tree can treat wounds of burn. The people belonging to this constellation may suffer from back-pain, neuro-ailments, bleeding etc.

**(13) Hast :** This Constellation stays in Virgo from 10o to 23o20'. There are five stars in it arranged in a shape of palm/paw. The Nirayan Surya (Sun) exists in this constellation for the period from 27th September to 10th October. The class (varg) of first phase (charan) is Mouse (Mushak), second phase (charan) is Aries (Mesh) and that of third and fourth phase is Dog (Swan). Its origin (Yoni) is Mahishini (Queen/Female Buffalo), Madhya Yunja, Aadhya Nadi and Dev-gena. Its God of situation

(Dasha - Naath) is Moon (Chandra) which has a tenure of ten years. Lord Sun (Suryanarayan) is the God of this constellation. There are twelve Aaditya and Surya is one of them. It has command on the fingers of hand and is having dark green colour.

**Jasmine Plant : [*Jasminum auriculatum*]** Jasmine plant is grown in compound, gardens and parks. Jasmine leaves are used on jaw-pain, mouth-boils and anaemia. Jatyadi Oil made from its flowers is used on the unhealing wounds which are not getting well for a longer period. Hast is a very powerful constellation but its plant is a delicate one. The person should follow the worship under this tree/near the plant and recite following hymn (Mantra) which will remove all the troubles from the life and there will be peace, prosperity and fulfilment of all wishes.

**(14) Chitra :** Chitra mean a brightening, shining, gorgeous sharp pearl. Sometime it seems like a lamp. This constellation is made of only one star and is a symbol of prosperity. Lord Vishwakarma is the deity for worship for the persons of this constellation. It remains at 23o20' of Virgo to 6o40' of Libra. The class (Varg) of first two (1&2) phase (charan) is Mouse (Mushak) and for remaining two (3&4) phase (charan) is deer/antelope (Mruga). Its origin (Yoni) is Tiger (Vyaghra), Rakshasa (Devil) Gana, Madhya Yunja and Madhya Nadi. Its Vishottari God is Mars (Mangal) with tenure of seven years. It has a tenure of seven years. It is a female (Stree) constellation having command on the neck. It is having hot-tempered (Tamasik) virute (Guna).

**Bili Vruksha : Bael Tree [*Aegle marmelos*]** This green tree is found in lower sloppy regions of the Himalayas, Western, Northern and Southern India. It is grown everywhere as a sacred tree in India. The fruit of this tree is sweet-hot, bitter, digestive and stimulative. So it is used as a medicine in indigestion, diarrhoea, acidity and gripping. Its root, bark and leaves are used in Typhus/Typhoid (Enteric fever). The oil extracted from its seeds is used as a remedy of Scrofula (Kanthmala). The sticky substance on the seed is used to join broken things. It is also used in drawing, painting, colouring. Its mixture with lime powder is used as cement. This tree is a favourite one of Lord Shiva and its God of worship is Lord Vishwakarma. It is believed that this tree must have been associated with Chitra constellation because of its great ability and power. The scientific name of the fruit is "Anvardhak". In Greek mythology a golden fruit was grown in the garden in Herra, which was worshipped by the deities-Eagle Gods. In protuguese language its meaning is Marmolis which is a golden fruit. They worshipped this golden fruit by calling it Eagle-Marmolis- a devine fruit.

**(15) Swati:** This is a constellation of Libra (Tula) having status from 6o40' to 20o. There is only one star in this constellation and shape is of a coral (Paravalun). The class (Varg) of first to third phase (charan) is deer/antelope (Mruga) and for the 4th phase (charan) is Snake (Sarp). Its origin (Yoni) is Mahishini (Queen/female buffalo) Dev gana, Madhya Yunja and Antya Nadi. Its command is on the chest having black colour. This is a female origin (Stree-Yoni) constellation with hot-tempered nature (Tamasik Guna). Its Vishottari Dasha-Naath (God of Condition) is Dragon's Head (Rahu) with tenure of 18 years. The Sun exists in this constellation from 24th October to 6th November.

**Arjuna Tree (Arjun Sadad) (*Terinalia arjuna*)** This is a big evergreen tree with spreaded branches with vast shed. It is

naturally found on the banks of the rivers and streams. It is also grown in the gardens-parks and roadsides for shed-purpose. This tree-wood is used for making agricultural tools, building material, small boats, rafts, Ply-wood and water-tubs. The bark of this tree is used for rearing tussar silk-worms. The bark is also used as a medicinal object in heart-disease and joining of fractured bones. The extract of fresh leaves is useful in ear-pain.

**(16) Vishakha:** This constellation exists in Libra (Tula) from 20° to 30° of Scorpio (Vruschik). Its third phase (charan) is in Libra and fourth phase (charan) is in Scorpio (Vruschik). It is in the shape of an Arch (Toran) with 4 Stars in it. The class (Varg) of this Constellation is Snake (Sarp), Origin (Yoni) is Tiger (Vyaghra), Rakshasa (Devil) Gana, Madhya Yunja and Anty Nadi. It is a female's origin (stree-Yoni). It is endowed with Virtues (Satvaguni). The Sun usually remains in this constellation from 7th November till 19th November. Indra (King of Gods) and Agni (God of Fire) are Gods of this constellation.

**VIKLO: (*Mytenus emarginata*)** Shrub or small tree up to 6 m high; bark pale brown, smooth, cracked; branches terete, with pale lenticels; spines axillary or terminating short lateral shoots. Leaves thick, coriaceous.

**(17) Anuradha:** This constellation exists in Scorpio (Vruschik) from 30° to 160°40'. It has four stars arranged in a shape of Lotus (Kamal) or Umbrella (Chhatra). The class of this constellation is Snake (Sarp Varg), Antya Nadi, Madhy Yunja, Dev-gana and origin (Yoni) of Tiger (Vyaghra). Its gender is male. Its God of position (Dasha-Naath) is Saturn (Shani) which has a tenure of 17 years. Maitra is its God of worship. Maitra is one of the twelve Aaditya.

**Borsalli: (*Mimusops elengi*)** is a medium-sized evergreen tree found in tropical forests in South Asia, Southeast Asia and northern Australia. English common names include Spanish cherry, medlar, and bullet wood. In it is called *maulsari* in Hindi, *bakul* in Sanskrit, Bengali, Malayali, Manipuri, *magizamaram* in Tamil, and *ranja* in Kannada. Its timber is valuable, the fruit is edible, and it is used in traditional medicine. As the trees give thick shade and flowers emit fragrance, it is a prized collection of gardens. The bark, flowers, fruits, and seeds of *Bakula* are astringent, cooling, anthelmintic, tonic, and febrifuge. It is mainly used in dental ailments like bleeding gums, pyorrhea, dental caries, and loose teeth. Extracts of flowers are used against heart diseases, leucorrhoea, and menorrhagia, and act as antidiuretic in polyuria and antitoxin. The snuff made from the dried and powdered flowers is used in a disease called *ahwa* in which strong fever, headache, and pain in the neck, shoulders, and other parts of the body occurs. Ripened fruits facilitate a cure for burning urination. The ripe fruit pounded and mixed with water is given to promote delivery in childbirth. The powder of dried flowers is a brain tonic and useful as a snuff to relieve headache. Decoction of bark is used to wash the wounds.

**(18) Jyestha:** Jyestha means the biggest. This constellation exists in Scorpio (Vruschik) from 160°40' to 30°. There are three stars in the shape of an earring (Kundal). The God of this constellation is Indra. Its first phase (charan) is of Sarpa-varga (Snake-class) and class (varg) of 2nd, 3rd and 4th phase (charan) is Deer (Mruga). Its origin (Yoni) is of Deer (Mruga), Rakshas (Devil) Gana, Aadhya Nadi and Antya Yunja. It is endowed with

virtues (Satvaguni) It has female origin (Stree Yoni), cream colour with commad on right-side of the body.

**Shimalo: [*Bombax malbaricum*]** This tree is found everywhere in India. It blossoms during summer without leaves. It is thorny with attractive shape of branches. Different parts of this tree are used as medicine. Its red-coloured gum is hard, energetic and cold but creates brain-power. Its thorns are useful in pimples. The wood is soft and therefore it is used in match box, packing and plywood industries.

**(19) Mula :** Mula means the root of a tree/plant/dynasty and also means the very first of its kind. It remains in the sagittarius till 130°20'. A group of eleven stars in the shape of the tail of a lion is its outlook. The Goddess wearing black clothes-Nirit is its Goddess. She swells in the kingdom of dead. It represents the evils. The 1st and 2nd phase (charan) of this Mula constellation is Deer (Mruga) and 3rd as well as 4th phase class (Varg) is Mouse (Mushak). The Dog (Swan) is its origin (Yoni), Rakshas (Devil) Gana, Antya Yunja and Aadhya Nadi. Its command is on the left side of the body with bluish-red colour. This is an impotent (Napunshak) constellation.

**Garmalo: [*Cassia fistula*]** : is known as the golden shower tree and by other names, is a flowering plant in the family Fabaceae. The species is native to the Indian Subcontinent and adjacent regions of Southeast Asia. It ranges from southern Pakistan eastward throughout India to Myanmar and Thailand and south to Sri Lanka. It is closely associated with the Mullai region of Sangam landscape. It is the national tree of Thailand, and its flower is Thailand's national flower. It is also state flower of Kerala in India and of immense importance amongst Malayali population. It is a popular ornamental plant and is an herbal medicine. *Cassia fistula* is widely grown as an ornamental plant in tropical and subtropical areas. It blooms in late spring. In Ayurvedic medicine, the golden shower tree is known as *aragvaha*, meaning "disease killer". The fruit pulp is considered a purgative, and self-medication or any use without medical supervision is strongly advised against in Ayurvedic texts.

**(20) Purvashadha :** This constellation stays in Sagittarius (Dhana) from 130°20' 260°40'. Its shape is like Tusk with four stars. The class (varg) of 1st phase (charan) is Mouse (Mushak), 2nd is Snake (Sarp), third phase (charan) is Mouse (Mushak) and fourth phase-class (charan-varg) is Dog (Swan). Its origin (Yoni) is Monkey (Vanar), Manushya (Man) Gan, Anty-yunja and Madhya Nadi. Lord Varun (Rain God) is its God-deity and its lord of position (Dasha Naath) is Venus (Shukra). Its tenure is 20 years. Generally the Sun is in this constellation for the period from 29th December to 10th January.

**Netar: [*Calamus rotang*]** is one of the scandent rattan palms used for Malacca cane in the making of furniture, baskets, walking-sticks, umbrellas, tables and general wickerwork, and is found in Southwest Asia. The basal section of the plant grows vertically for 10 metres or so, after which the slender, tough stem of a few centimetres in diameter, grows horizontally for 200 metres or more. It is extremely flexible and uniform in thickness, and frequently has sheaths and petioles armed with backward-facing spines which enable it to scramble over other plants. It has pinnate, alternate leaves, 60-80 cm long, armed with two rows of spines on the upper face. The plants are dioecious, and flowers are clustered in attractive

inflorescences, enclosed by spiny spathes. The edible fruits are top-shaped, covered in shiny, reddish-brown imbricate scales, and exude an astringent red resin known medicinally and commercially as "Dragon's blood". *Calamus* is a genus of some 300 species found in the tropics of Africa and Asia. They are mostly slender-stemmed leaf-climbers, where the pinnae at the outer end of the leaf have been modified into stout, backward-pointing spines.

**(21) Uttarahadha :** This constellation remains in Sagittarius (Dhan) from 26o40' to 10o of Capricorn (Makar). The first phase (charan) is of Sagittarius (Dhan) and the remaining phases (2-3-4 charan) are of Capricorn (Makar). There are four stars of a bed-stead shape. Vishwadeva are God of this Nakshatra. These Gods have command on brain-cells of a person. The class of 1st and 2nd phase is Mouse (Mushak varg) and 3rd & 4th phase (charan) class (varg) is Lion (Sinh) (Leo). Its origin (Yoni) is Mangoose (Noliya) Manushya Gana, Antya Yunja and Antya Nadi. Its God-master is Sun and the tenure is 6 years. The Sun remains in this constellation for a period from 11th January to 23rd January.

**Jack Fruit tree (Fanas) [Artocarpus heterophyllus]** This tree is found in hot regions. It is an evergreen, huge & fruitful tree. Its average height is 15 mts. It is found in Northern India, Eastern States and Western ghat of South India. It is also grown in hot-humid regions. West Bengal, Bihar and South India states sow the seeds of this tree. In South India, the fruits are grown with a period of 8 to 10 years. But in Northern part they grow later than this. The fruits are hanging on the main stem or main-big branches. Pickles and vegetables are made from unripe-raw fruits. The ripe fruit is very tasty and healthy-nourishing. Its wood is used in furniture, musical instruments and wood-carving. Small fiber got from beating green wood give Safron/orange colour. This colour is used by Buddhist Monks in colouring sacred clothes. The Gum extracted from this tree is also found useful. This tree should be worshipped by the people of Uttarahadha constellation.

**(22) Shravan :** This constellation is of Lord Vishnu. Vishnu means the only one who has achieved the highest heights. Some people consider only 22 constellations and they count Abhijeet as the 22nd constellation so 22nd is Shravan. Shravan means to hear. There are three stars in it, and is called as three steps of Lord Vishnu. The deity of this constellation is Lord Vishnu. It is also believed that this constellation pertains to Goddess Saraswati,

the Goddess of Learning. Goddess Saraswati is worshipped on the bright fifth day (Shukal Panchami) when the Sun is in Shravan constellation and Moon is in Revati Constellation.

**Aakado (Calotropis gigantea)** This tree is found everywhere in India. It is grown in forests, sandy soil, barren land and ruined houses. We consider this as a useless tree and avoid a medicinal herb. Its leaves, roots, bark are used in cough, asthma, lack of appetite etc.

**(23) Dhanishtha** Dhanishtha mean wealthy-rich. This is a constellation of four stars in shape of a Mrudang (Drum Played at both ends). Its first and second phase (charan) are in Capricorn (Makar), third & fourth phase (charan) are in Aquarius (Kumbha). Its class (varg) is Cat (Manjar), origin is Sinh (Lion-Leo), Anty Yunja and Madhya Nadi. The Sun stays in this constellation from 7th to 19th February. Its God of condition

(Dasha-Naath) is Mars (Mangal) which has tenure of seven years. It has silver-blue colour and origin (Yoni) is woman (Stree).

It possesses hot-tempered virtue (Tamasik Guna). The deities of this constellation are Ashta Vishwadeva-Ashta Vasava. They are spiritual deities are like the Sun. Their nos are eight so good-auspicious work should not be done during the period.

**Khijado (Sami) (Prosopis cineria)** This tree is found in Gujarat, Punjab, Rajasthan and other States. This tree is of two types in size i.e. big and small. It is very useful in cough, phlegm, Psychosis and other ailments. It is a good fodder for domestic animals in dry-areas. Its leaves, bark and pod are used in these ailments. The person under influence of this constellation has too much thoughtfulness so he should worship this tree and recite following hymn (Mantra) sitting under the tree.

**(24) Shatbhisha-Shattaraka-Shattara :** Shatbhisha or Shattaraka or Shattara constellation is from 6o40' to 20o of Aquarius (Kumbh). Its all the four phases (charan) are in Aquarius. This constellation is in a circle shape with 100 (hundred) stars in it Varun (Rain God) is its deity. It remains during the period from 20th February to 3rd March. Its first phase (charan) is Manjar (Cat) class (varg) and remaining three are of Mesh (Aires) varg (Class). It has Horse Origin (Ashwa Yoni), Rakshas (Devil) Gana, Antya Yunja and Aadhya Nadi. Its master-Swami is Dragon's head (Rahu) which has period of 18 years. Its command, is on right thing. It is of neutar (Napunshak) gender (Jati) and possesses hot-temper (Tamasik Gun) virtues.

**Kadamb :** (*Anthocephalus cadamba*) This is an evergreen tree with huge-sheddy leaves of medium size and round shape. It is found everywhere in India. In the Himalayas it is found at the height of 1200 mts. The fruits of this tree are green-yellow with sweet juice in lucrative shape. Its wood is soft. It is used in furniture, building material, tea container boxes and packing material. The wood is useful in carving & designing, Gum, Wax and resin are also available from this tree. The bark and juice of leaves is useful in Cardiac problems, bloodpressure and Rheumatism. Its bark and roots are very effective to children in case of fever and stomachache. This tree is very favoured by Lord Krishna.

**(25) Purva-Bhadrapad:** This constellation exists at 20o of Aquarius (Kumbh) till 3o20' of Pisces (Min). Its three phases (charan) are in Aquarius (Kumbh) and 4th phase (charan) is in Pisces (Min). It is a conch shape with two stars and deity is Lord Shiva. In this constellation 1st and 2nd phase (charan) are of Mesh Varg (Aries class), 3rd & 4th phase (charan) are of Sarp varg (Snake class). Its origin (Yoni) is Lion (Sinh-Leo), Manushya Gana, Antya Yunja and Aadhya Nadi. The Sun remains in this constellation from 4th to 14th March.

**Mango Tree (Mangifera indica)** Mango tree is found in hot and semi-hot regions in hilly as well as plain regions. This tree is grown in Hamachal Pradesh, Orissa, Assam, West Bengal, Bihar, Gujarat, Uttar Pradesh, Tamilnadu, Maharashtra and areas of Western Ghar and Eastern Ghat. Mango tree is a very useful tree and everyone loves its fruits. Mango is considered as one of the best and sweetest fruit of the world. Pickles and Powder are made from unripe fruits. Its wood is used for fuel and building material. During festivals and auspicious occasions, green leaves of mango tree are tied in string and kept at the entrance door for good omen. During the Yagna leaves are kept on the pot. During

the Yagna ceremony its wood is considered sacred as a fuel. For the person born during this constellation, Mango tree is considered as a sacred tree for worship.

**(26)Uttara Bhadrpad:** This constellation exists in Pisces (Min) from 30°20' to 160°20'. Uttara Bhadrpad means a beautiful left-leg. It gives strength to control anger. It also denotes long-distance travel, sacrifice and spiritual progress. It is constellation of two stars. Its first phase class (charan varg) is Snake (Sarp), second is Aries (Mesh) third is Lion (Sinh-Leo) and that of fourth is Snake (Sarp). Its origin (Yoni) is Cows (Gau), Madhya Nadi, Antya Yunja, Manushya Gana and Master (Swami) is Saturn (Shani). Its duration is 19 years. Snake God is its deity and the Sun remains in this constellation from 17th to 30th March.

**Neem Tree (Limado) (*Azadirachta indica*)** Hot atmospheric areas of dry weather and forests of this area have abundant growth of this neem tree. This tree is grown everywhere. In the North and Western part of India. It is grown largely. This tree has a quality of insecticide. It is sheddy tree for travellers. In towns and villages this tree is grown on road-sides, open land and near houses. A bitter juice is available from every part of this tree. It is given a very important status in Ayurvedic sect of treatment. Soap-cake is made from its extracted oil. It is also effective in some other diseases. Its dried leaves are kept in foodgrains and woolen-clothes to protect them from harmful insects and ants. It is also used for ailment of animals. Its wood is used for building material and agricultural tools. This tree is must to worship for those who are born in Uttara Bhadrpad constellation.

**(27) Rewati:** This constellation exists from 160°40' to 300° of Pisces (Min). There are 32 stars in the shape of a Mridang (Drum played at both ends). Pusan is its deity. Pusan means the deity giving nutrition and prosperity. Pusan is one of the 12 Aaditya. The class (varg) of 1st and 2nd phase (charan) is Sanke (Sarp) and that of 3rd & 4th is Lion (Sinh-leo). Its origin (Yoni) is Elephant (Gaja), Dev-gana, Purva Yunja, Antya nadi and Swami - Adhipati is Mercury (Budha). Its tenure is 17 years. The sun remains in this constellation from 31st March to 13th April. The command of this constellation is on shin-bone (Ghunti-Ankle). Its colour is blue and stree-Yoni. This constellation possesses endowment of virtues (Satvaguni).

**Mahudo (*Madhuca indica*)** This is a huge, sheddy evergreen tree found in all the forests of Southern India. It is also found in Guajrat, Maharashtra, Andhra Pradesh, Madhyapradesh. They

are grown in some plains of Northern India and some regions of Southern India. Oil is extracted from the seeds of its fruits to use in washing-soap-cakes. In some village on the outskirts of forest this oil is used in cooking. It is believed that this oil is used as mixture in vegetable ghee. A healthy nutritious cattle food is also prepared. The tribal people gather the flowers, dry them and use in routine food. The flowers are also used to prepare wine so it is called wine-tree. Wood is used for building material and leaves are used as fodder for the domestic animals. The flowers of this tree are also used as medicinal herb. The people who are born during the period of this constellation should worship this tree.

#### IV. RESULTS AND DISCUSSIONS

Total 27 plant species belonging to 24 genera and 18 families were recorded.

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#### AUTHORS

**First Author** – Dr. Rutesh R. Shah, K K Shah Jarodwala Maninagar Science College, Rambaug, Maninagar, Ahmedabad, Gujarat, India, E.mail: rspbotany72@yahoo.in

**Second Author** – Dr. R. S. Patel, K K Shah Jarodwala Maninagar Science College, Rambaug, Maninagar, Ahmedabad, Gujarat, India



*Styrox nuxvomica*



*Phyllanthus emblica*



*Ficus racemosa*



*Syzygium cumini*



*Acacia chundra*



*Dalbergia sissoo*



*Dendrocalamus strictus*



*Ficus religiosa*



*Mesua ferrea*

**Plate 1**



*Ficus benghalensis*



*Butea monosperma*



*Ficus rumphii*



*Jasminum auriculatum*



*Aegle marmelos*



*Terinalia arjuna*



*Mytenus emarginata*



*Mimusops elengi*



*Bombax malbaricum*

Plate 2



*Cassia fistula*



*Calamus rotang*



*Artocarpus heterophyllus*



*Calotropis gigantea*



*Prosopis cineria*



*Anthocephalus cadamba*



*Mangifera indica*



*Azadirachta indica*



*Madhuca indica*

Plate 3