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# Study of Religious Aspects and Herbal Potential of Some Plants of Bilaspur Distt (H.P) Associated with Deities

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# ABSTRACT

Plants plays important role in the life cycle of the rural people of Bilaspur district. They are helpful to the rural communities to meet their daily requirement such as food, fodder, fiber, shelter, ornamental ,medicinal and used in various religious ceremonies and also associated with various deities and their worshipping. Every region has its own sacred plants .The sacred plants has important place in the Indian mythology and thus these plants play an important role in the life of rural people of study region from birth to death in every ceremonies. Bilaspur district is the beautiful district of Himachal Pradesh. This district is also known for famous temple such as Baba Nahar Singh temple, Naina Devi temple,Rishi Markandey temple and Rukmani kund and temple etc. The plants grown in temple courtyard of these temples shows that these plants are sacred and having their religious importance and their association with deities. Instead of religious importance, this study attempts to highlight the herbal potential or medicinal importance of some plants of Bilaspur district which are worshipped to appease various deities. The traditional knowledge about the herbal potential of local plants of study area is used by rural communities for primary health care and for treatment of various diseases. This traditional knowledge about religious and medicinal ascepts form the basis of conservation of plants resources for rural community.

Key words: Deities, Folk remedies, Traditional knowledge, Ritual and rites, Bilaspur, Himachal Pradesh.

# INTRODUCTION

Himachal Pradesh is a beautiful state with a diverse culture and traditions. This state is located between  $30^{\circ}22'40''$  to  $33^{\circ}$  12'40'' north latitude and  $75^{\circ}45'55''$  to  $79^{\circ}04'20''$  east longitudes. The total area of this state is 55673 Km<sup>2</sup> with the mountain ranging from 350 to 6975 meter and average rainfall is 152 cm.. A total of 13082 sq Km area which is covered under thick forest which provide shelters to 1200 species of birds, 359 species of animals and more than 3400 plant species(Sharma *et. al*, 2009).Himachal Pradesh is not merely physical land mass but a vibrant and spiritually charged mass of land known as "Dev Bhoomi"-land of God. It is land where all the components of nature is worshipped.(Kumar *et.al*, 2020)

Geographically ,Himachal Pradesh ranges from plains of Shivalik to high mountain Himalayas. Within the change in its altitude its culture and tradition also changes. The clean forest of this state is not only increase its natural beauty but also conserve the culture and traditions .Some plants of these forest are considered

sacred and used in various kinds of religious ceremonies of Hindus from birth to death. There are no ceremonies of Hindus which cannot be completed without the help of tree.

Himachal Pradesh is also well known for medicinal plants hot spots in the western Himalaya that are rich in diversity of medicinal flora. The traditional healers and old villager people of this state have a good faith and a sound knowledge related to medicinal uses of plants around them. The use of local plants in the form of folk remedies is also becomes helpful in alleviating different diseases or health problems (Kaur *et.al*, 2011) Bilaspur district is the beautiful district which is famous for religious temples such as Baba Nahar Singh Temple, Naina Devi temple etc. and also famous for its manmade lake known as "Gobind Sagar lake" which occur on Satluj river .This lake act as a good reservoir of water for the Bhakra and Nangal Dam .The road bridge on this lake is Kandrour which is the second highest bridge in Asia. This district has an area of 1.167 sq km. This district is full of hilly regions which are situated in the Shivalik range of lower Himalayas.The hills of this district has good faith and knowledge on the on powers of medicinal uses of local plants for the treatment of various health problems in the form folk herbal remedies. The rural people of bilaspur district also use the plants and their products or parts such as flower ,fruits, wood and leaves in the worships of various deities and various kinds of rituals worships and religious ceremonies such as birth ceremony, marriage, Havan and death rite etc.

Baba Nahar singh is the famous God or Dev which is worshipped by people of this district as Sidh dev .This God is also is also known as 'Peepal wala Dev' and 'Pahadiya Dev'. The rural people of this district believed that Peepal tree (*Ficus religiosa*) is abode of this God .So ,people of this district worship this tree as symbol or sign of this God. The people also consider this tree as worshipping place of Baba Nahar Singh. Bargadh(Ficus *benghalensis*) tree is also associated with worshipping place of God Baba Nahar Singh temple, Naina Devi temple is the famous temple of Bilaspur district. The people of this district worship the Goddess Naina Devi as "Kul Devi "for fulfilling the wishes of their family. So, they use various plants products or their parts in the worship of this Goddess such as Seeds fruit, and flowers which are used in "Katha" and Havan during worship of this Goddesses of temples of bilaspur district regarding to fulfilling their wishes. Therefore, they consider the local plants which are associated with local dieties or related with worship of Gods during religious ceremonies sacred and protect them from cutting. In this way local people of this district also play important role in the conservation of local plants in the form of *insitu* mode of conservation in sacred groove. Many researches or work has done regarding to the medicinal and religious importance of some plants which are as follows:

Sharma Sen(1989) has highlighted the role of plants in Indian puranas -an ethnobotanical investigation. Warman(1999) described the medicinal, commercial, religious and ornamental properties of various tress of India . Sood *et.al* (2005) brings the compendium in which 468 plants spread over 133 families and 340 genera are listed .He described the religious rites and religious belief related to the particular plant in the book sacred and magico- religious plants of india. Sharma and Seth (2020) has focused on the role of rural women in the conservation of plant resources and it's management in district Mandi, Himachal Pradesh etc. So there are many kinds of researches which has done related to medicinal and religious importance of local plants in various parts of Himachal Pradesh but little work is done regarding to this aspect in Bilaspur district .Thus this paper mainly focuses on the religious and medicinal aspect of 43 plants of 26 families of study region.

## METHODOLOGY

During this research work, several ethnobotanical survey were conducted during 2019-2020 in different areas of Bilaspur district such as Bilaspur town ,Dadhol, Jandutta, Ghumarwin, Naina Devi ,Kotdhar,

Rishikesh and Swarghat etc. During these survey plants specimens were collected in the flowering and fruiting stage .The collected plant specimen were dried pressed and mounted on the herbarium sheets and preserved and stored in the Department of the Botany in Govt degree college Sujanpur Tihra, district Hamirpur, (H.P). The information regarding to the religious and medicinal importance of local plant in the study area were collected through personal contact face to face interaction with rural people specially old villagers or local vaids or Purohits and Saints of study region. The collected information were recorded or documented in the form this work in the paper.

Field data was compared with various literatures of ethnobotany such as Sood et.al(2005) and Kumar and Choyal (2013)etc. The identification of collected specimens were done by using various kind of floras written by researchers such as Flora of FRI, Flora of Simlensis and H.J Chowdhery and B.M.Wadhawa flora of Himchal Pradesh etc which are available at the library of university of Horticulture and forestry Nauni, Solan and Himachal Pradesh University.

## **RESULTS AND DISCUSSION:**

The ethno botanical investigation revealed the importance of religious and medicinal aspects of 43 plant species belonging to 26 families which are as follows:

## Table 1

S.	Botanical	Family	Local Name	Part	Medicinal Uses	Other Uses
No	Name			Used		
1	Acacia catechu (L.F) Willd	Fabaceae	khair	Bark,(he artwood) flowers, root and twig	"Katha" obtained from its heartwood is used for curing spongy gums, mouth ulcers and throat diseases. The paste of dried root is applied on joint of bones for one week in case of Rheumatism. The mixture of flower tops is given in case of Gonorrhea. Decoction of bark (boiled bark in cup of water) is taken in case of throat infection and cough	Twings of this plant are used in various kind of traditional rituals such as "Havan"
2	Aegle marmelos (L) Corr.Serr	Rutaceae	Bil,bilpatri	Roots, leaves, fruits	Dried root powder is useful for seminal weakness, swelling,fever and gastric irritability in infants. Root bark is used in the palpitation of heart and stomach pain. Ripe fruit is prescribed as good remedy for burning sensation of soles and feet .Fruit juice is act as tonic and good for heart, brain and dyspepsia.	Leaves of this plant known as "Bilpatri" which is offered to "Lord Shiva" during "Shivratri" festival ."108" leaves of this plant are offered to appease Lord Shiva during worship. This plant is worshiped during "Durga pooja". The leaves of this plant is also used in Death rituals
3	Asparagus adscendens Roxb.	Liliaceae	Sahans bain ,Sansfan,Sat wari	Roots, twigs Whole plant	Poultices of roots, twigs and leaves are applied on stomach to cure menorrahagia. The mixture of its root with "Gur" (jaggery) is given to animal for stomach disorder . Powder of dried root is taken thrice a day	The plant is considered sacred and worshipped during marriage ceremonies. Roots of this plant are considered immortal i.e. never destroyed. So ,this plant twig and roots are worshipped during marriage for long and happy life of

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					for week to cure urinary troubles	couple as long life of roots .Plant twigs are worshipped as a token of invitation by maternal family of bride or bridegroom.
4	Bambusa nutans Wall.	Poaceae	Bans, Ban j	Stem, leaves and whole plant	Decoction of leaves is taken one time daily for 1-3 weeks which is considered good incase of hernia.	The Culm (Stem) of this plant is used for performing religious rituals at the time of marriages of various kind of ceremonies. The "Toran" which is made from the Culm of this tree is used for performing various kind of ceremonies by bridegroom and bride such as "Birdian"- It is a ceremonies of giving clothes to families of bridegroom and bride by their maternal family and also gifts and stitched clothes are given to bride and bridegroom to wear under this toran. Badhu parvesh is also occurring under this toran. The winnowing pan (Chajja) made from the Culm of bamboo is utilized by bridegroom during their departure from parents in marriage. During this ceremony this pan which is full of Khillan (made from rice and sugar) is used by bridegroom and by throwing khillan, she proceeds to their in laws family to lead a happy and prosperous life. This pan is also used to keep newly born child in it at the occasion of naming ceremony with a belief that child will lead a long and healthy life. The stem is also used for making "Ved" for Lagan and Panigrah ,Sat fere and other ceremonies in marriage. The wood or stem of this plant is used for making "Arthi" for carrying dead body for final rites. After funeral , the remains of bones are collected by the forceps made by bamboo strips.
5	Bauhinia vahlii Wright & Arnot.	Fabaceae	Torya	Leaves	2-3 grams of dried powder of leaves is taken with water to check dysentery.	Leaves are used for making meal plates (Pattals) and bowl (Duna) which is used in all religious ceremonies from birth to death.
6	Butea monosperma (Lam.) Taub.	Fabaceae	Palah, Plash	Bark , Leayes , Flowers ,Resin , Twigs	Bark powder is useful in case of bleeding piles. Leaves and flowers extract is used in case of cough , cold and fever and menstrual disorder. Decoction	Twigs and wood of this plant are used in "Havan" and other religious ceremonies. The wood is also used in the death rituals. It is due to the belief that by using the

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				and Stem wood	of flowers is taken three times a day for the treatment of jaundice. Decoction of the leaves is used to cure amenorrhea. Amulet of flowers tied on the stomach for relief from pain.	wood in death rite , the soul of dead person find a sacred place . Flowers and wood is also used in the worship of Goddess – "Saraswati"- Devi of Vidya and in the worship of Lord "Buddha". It is believed that "Queen Mahamaya –The mother of "Gautam Buddha" seized a branch of this tree during birth of her son "Gautam Buddha" . In hoi festival the leaves of this plant worshipped .The leaves of this plant are trifoliate. They are incretion of Brahma, Vishnu and Mahesh.
7	<i>Calotropis</i> gigantea Atit.	Ascleapeda ceae	Aak	Flower , Leaves ,Wood Root and Whole plant	Powdered flowers are used in cough, cold, asthma and digestive problems. Powdered roots are used in dysentery. Latex is applied on swelling. Extract of root and leaves is used in case of rheumatism	The whole plant is considered sacred and used in the worship of Surya Graha and used in Havan in the worship
8	Cannabis sativa Linn.	Cannabace ae	Bhang, Vijaya	Seed and leaves	The warm seed oil is massaged on the affected parts in case of arthritis .Poultices of leaves is applied in case insect bite.	Leaves are used for making "Pakoras" and Kotah (hallucinogenic drink) during Shivratri .It is believed that Lord Shiva is fond of this drink. Leaves are used for offering on "Lignum" for worshipping Lord Shiva
9	Cicer arietinum Linn.	Fabaceae	Chollae	Seed	The boiled seed in water with salt known as "soup" which is used in case of cold. The crushed seed powered is used as face pack in case of pimples in skin.	Crushed powder of seed known as "Basin" which is used for making face pack known as "Butna" in combination for the bride and bridegroom at the time of marriage. A handful of overnight soaked seeds of gram are given in "Doona" to each woman who are attending the ladies "Sangeet" at the time of marriage.
10	Citrus pseudolimon Tan.	Rutaceae	Galgal, Khatta	Fruit and leaves	The fruit is recommended for cough and cold. Leaves are used for scouring teeth.	Fruit is used in worship in the local festival "Shairya" and also used for magico- religious purposes
11	<i>Cucurbita hispida</i> Thumb.	Cucurbitac eae	Dhuda, petha	Fruit and leaves	Fruit is used as vegetables for expelling worms .The roasted seeds are fed to the cattle incase of diarrhea	Fruit is religious and used in worshiping at the time of performing house warming ceremony. A dish which is known as "Meetha" prepared by it's fruit with sugar is common dish in all religious and other ceremonies of Himachali. Leaves are offered to appease "Lord Shiva"
12	Curcuma longa L.	Zingiberac eae	Haldi	Rhizome	Powder of rhizome mixed with milk daily twice in a day which is given to the patients to	Powder of rhizome known as "Haldi"is used to make worship symbol on the forehead

					strengthen the body and to cure the internal injuries after accident. Dried powered of its rhizome along with honey is used in case of dried cough. Rhizome powder with water is taken orally in case of stomach pain and indigestion.	"Tilak" and to decorate the worship place known as "Havan kund". Haldi is the main gradient of "Butna" which is used on the face and body of bride and bridegroom in the marriage ceremony. Turmeric plays an important role from birth to death in the life of human beings in Indian culture. Rhizome powder (Haldi) which is also used on the occasion of marriage for inviting relatives.For this purpose, the rice grain which are yellow coloured with turmeric are sent to relatives for invitation.
13	Datura inoxia Mill.	Solanaceae	Dhatura	Flower, Fruit and Leaves	Smoke of brunt dried leaves is inhaled to cure asthma, cough and cold .Seed poultices are mixed with mustered oil is applied externally for rheumatic pain.	Flowers are offered to appease Lord Shiva
14	Emblica officinalis Gaertn.	Phyllanthac eae/Euphor biaceae	Ambla	Fruit,Twi g and Wood	Fruit is one of the major constituents of "Triphla churan" which is used in case of indigestion and in case of constipation. Fruit is considered good and useful in case of leucorrhoea, menorrhagia and discharge of blood from uterus. Paste of the mixture of its dry fruit powder and leaves of "Henna "is applied as dye to blackens hair and also good for their growth. One tea spoon of it's fruit taken with honey for one week to cure cough and to increase appetite.	Twigs of the plant considered sacred and worshipped on "Panchbhikhma" (Religious day of Hindu). Small pieces of its wood along with sandal wood (Santalum album Linn.) which is offered by one and all at the last rite funeral as token of departed soul.
15	Euphorbia royleana Boiss.	Euphorbiac eae	Chhuein, Chaparcho	Phyllocla de,Latex and Stem	Latex is applied for suppuration of boils. Few drops of latex is applied on the proximal end of infected tail of cattle to check infection. Part of crushed stem is used as antiseptic.	Phylloclade is planted during the boys birth ceremony.
16	Ficus bengalensis Linn.	Moraceae	Bad,Bargad	Leaves, Roots, Latex, and Whole plant	Root powder is used in the treatment of syphilis, dysentery and inflammation of liver. Latex is used in case of piles and nose problems. Oil smeared heated leaves are applied externally for suppuration of under arm boils (kachhali). Paste of leaves is applied for healing open wounds.	This tree is considered sacred as symbolic of "Trinity" - Brahma, Vishnu and Mahesh. The roots of this plant believed to be abode of Lord Brahma, trunk of lord Vishnu and branches of lord Shankar. This plant is worshipped during all religious ceremonies. This tree is considered as wish fulfilling tree(kalpa Vriksha) in Hindu scriptures. This tree is also

17	<i>Ficus</i> glomerata Roxb.	Moraceae	Umarya	Leaves,S tem wood and Whole plant	Paste of leaves is applied for healing open wounds.	<ul> <li>worshipped by ladies as token of "Sati Savitri" who brought of her husband to life by worship of this tree. The wood is used for performing "Havans" during religious ceremonies.</li> <li>Plant is considered sacred and worshipped . Stem wood is used for performing "Havans"during religious ceremonies .</li> </ul>
18	Ficus religiosa Linn.	Moraceae	Peepal	Leaves,R oots, Stem Wood and Whole	Dried powered of roots are used in the treatment of scabies, ringworm, leprosy, gonorrhea, inflammation, wounds, ulcers , diarrhea, dysentery, cholera,cough and hemorrhages.	Whole plant is considered sacred and worshipped in all religious ceremonies. Wood of this plant is used in performing "Havan". Leaves of this plant are used in worship of Rishies and abode of Goddess 'Bhavani' and this tree is as tree of fertility. This tree is worshipped by followers of Lord Buddha because it is believed that Gautam Buddha get enlightment under this tree.
19	Ficus roxburghii Wall.	Moraceae	Trayamble	Leaves and stem	Fresh stem latex is prescribed in case of leucorrhea.	Leaves are used to make plates called "Pattal" which are used in making meal during different religious ceremonies.
20	Gloriosa superba L.	Liliaceae	Nagrudi	Flower, Leaves and Roots	Root paste is act as an antidote to snake bite. The root powder is given in case of fever due to rheumatism. The extract prepared from leaves is used for killing lice in hairs.	Flowers of this plant are offered to appease Lord Ganesha.
21	Gossypium hirsutum L.	Malvaceae	Kapah	Inflorose nce, Root and Seed	Seed of this plant is fed with oil cakes to cattle for lactation. Powder of Root bark is used to stimulate the secretion of milk. Paste prepared from dried crushed seed with water is used in swelling,ulces of female organs and in case of urinary problems.	Inflorescence of this plant yield cotton fibers which are used as wicks for lamps or worshipping "Jyoti". Cotton fibers are used in making sacred threads "Maulis" for religious purposes.
22	Hibiscus rosa – sinensis L.	Malvaceae	China rose ,Shoe flower, Bada gulal	Flowers	The paste of its flower is applied on the boil.	The devotee of "Durga" offers the flowers in their worship.
23	Holarrhena antidysenter ica Wall. ex. D.C.	Apocynace ae	Inderjau	Bark, Leaves, Twigs and Seeds	Bark powder and paste is used in case of rheumatism. Bark powder is also useful in case of piles and amoebic dysentery. Halva of it's seed is consumed to check excessive bleeding in irregular menstrual cycle.	Leaves are used in performing "Sharaadh"(Religious ceremony for remembering departed souls. Twigs are used in all religious activities.
24	Hordeum	Poaceae	Jau	Seeds	Dried powder of seeds are	Seeds are used as one the

	wulaana I			and	mixed with water and sugar is	important constituent of materials
	vulgare L.			seedlings	mixed with water and sugar is taken orally thrice in a day for	important constituent of materials used in "Havan" during religious
				of whole	one month for the treatment of	ceremonies. Its seedlings are kept
				plant	Jaundice and hepatitis.	on the occasion of "Navratri"
				plan	Jaunaice and nepatitis.	festival Worship for prosperity
						and happiness.
25	Juglan regia	Juglandace	Akhrot,Kho	Bark,	Leaves are used for scouring	The brunt powered fruit added in
25	L.	ae	d	Fruit and	teeth. Leaves powder is used in	the preparation of local dish
	L.	ue	ů	Leaves	the treatment of leucorrhoea.	"Mahani" or "Khatta" which are
				Leuves	The decoction of bark is used to	served specially to guest, who are
					check mammary secretions. It	attending the marriage and other
					is also used to check	religious ceremonies.
					menorrhagia.	
26	Lagerstroem	Lythraceae	Harsingar	Flower	Decoction of whole plant	Flowers are specially used to
	ia indica (L)	-	C	and	material is given three times a	appease "Lord Shiva".
	Pers.			Whole	day to cure back pain.	
				plant		
27	Lawsonia	Lythraceae	Mehandi	Leaves	Root decoction is used in case	Paste of leaves is applied on the
	inermis				of abortion. Gargle of the	hands and young bride and
	Linn.				decoction of leaves is	bridegroom in marriage
					considered good for gum	ceremony.
					diseases. The leaves paste is	
					also used to check burning	
					sensation.	
28	Mirabilis	Nyctaginac	Gulal,Shivk	Flowers	Paste of roots is given to the	Flowers are used for offering to
	<i>jalapa</i> Linn.	eae	ali	and	cattle orally for cooling effect	deities specially to appease Lord
20		<b>F</b> 1 <b>D</b>		Roots	against sunstroke.	Shiva.
29	Mucuna	Fabaceae/P	Dryagul,	Stem and	Seeds are taken in halva for	Stem are used in traditional
	pruriens (L)	apillionace	Gazelbel	Seeds	vigor after delivery. 20-30 ml	religious activities.
	DC	ae			decoctions of seed are prescribed three times daily till	
					cure for impotency.	
30	Musa	Musaceae	Kela	Fruit ,	1 2	Plant is considered sacred and it's
30	paradisiaca	Wiusaceae	Kela	Leaves	dysentery. Fruit of this plant is	leaves are used in all religious
	L.			and	act as natural remedy for	ceremonies like marriage, "Grih
	ш.			Whole	menorrhagia. Paste of two fruit	parvesh" (House warming
				plant	of this plant along with sugar	ceremony) and death rituals. Fruit
				phin	and Elaichi is given to cure	is offered to appease Lord "Satya
					burning due to acidity.	narayana"
31	Ocimum	Lamiaceae	Tulsi	Leaves	Mixture of three gram infusion	The plant is considered sacred and
	sanctum				of leaves along with 5 gram	worshipped during "Panch-bhikam
	Linn.				honey and 3 gram ginger is	festival". Leaves of this plant are
					taken twice a day for asthma,	used in worship of Goddess
					cough and fever. Leaves are	Mangla gauri, Lord Ganesha and
					one of the main constituents of	Navratri puja. The dead body is
					holy water and believed to	placed before this plant prior to its
					posses curative properties.	last rites.
					Decoction of inflorescence is	
					good for cough. Chewing of	
					leaves is good to arrest the foul	
					smell.	
32	Oryza sativa	Poaceae	Dhaan	Seed and	Water is poured over ash of	Whole plant material with seeds is
	L.			whole	burnt whole plant material in	worshipped during festival
				plant	the basket and sieved water is	"Shairya" for happiness and
					used by local people as herbal	prosperity. Crushed seed flour is

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33	Punica	Punicaceae	Daadu .	Fruit ,	shampoo in case of various hair treatments. Seeds are used to stop	used for making local dish "Chiladu or Ankilan (Chalerian) which are eaten with milk and sugar on the occasion of religious ceremonies and festival such as Diwali, Lohri and during marriage ceremony, this dish is considered sacred and is eaten by bridegroom as a "Mahouk" before going to bride house. Plant is considered sacred and
55	granatum L.	runicaceae	Daadan	Seed and Whole plant	Seeds are used to stop dysentery and nose bleeding. Fruit is good for hyper acidity, anemia and fatigue. One tea spoon of powered fruit rind is taken with honey for several days to cure cough.	worshipped by newly married couple for their long and happy married life.
34	Raphanus sativus Linn.	Brassicacea e	Mooli	Root , Fleshy part (Fruit) and Leaves	Fleshy part of fruit of this plant is edible and it's juice is good for the treatment of piles. Root of this plant is also considered diuretic ,good for piles jaundice and gastro-intestinal problems. Juice of fresh leaves is used to check jaundice and constipation.	Fleshy part (Fruit) of this plant which is locally known as "Mooli" which is worshipped on the "Hoi" festivals for long life of children.
35	Rosa indica L.	Rosaceae	Gulab	Flowers	Water of rose flower is used for bathing and used in face for making the skin soft and get rid of pimples. Flowers and petals with sugar is used in the preparation of "Gulkand" which is good for providing energy and good for health.	Flowers are offered to appease deities.
36	Saccharum officinarum L.	Poaceae	Ganna , Kamandi	Stem	Juice of it's stem is known as "Cane juice" which is considered good for jaundice and used as refrigerant and refreshing.	Stem of this plant is used in preparations of "Gur" "Shakkar" and "Sugar" which is used in the preparation of "Prashadam" in worshipping of deities. Gur (jaggery) prepared from stem or cholle ( seeds of Cicer arietinum), when roasted is used as "Bhog" to appease Goddess "Santoshi Mata". Whole plant is considered sacred and worshipped on "Hoi"( a holy day when mother do fast for good health and life of their son )
37	Santalum album L.	Santalaceae	Safed chandan	Stem wood	Decoction of powered wood along with milk is taken internally in case of menstrual problem. Sandal wood oil is used for treating gonorrhea, excessive sweating and fever. Powder of sandal wood is	The stem wood of Chandan is used in the pyre (Death rituals) due to the belief that soul of a person finds a place in the heaven. An emulsion formed by rubbing a piece of its wood on the stone with water is used for applying "Tilak"

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					mixed with stem powder of Guljaya plant (Tinospora cardifolia) in the form of paste which is applied externally in case of allergic rashes. A tea spoonful of Amla and wood powder of this plant along with warm water is used in case of nausea and vomiting.	on forehead , idols of God and Goddesses . Tilak of it's wood on the forehead of a person keep the mind of a person fresh and also protect the person from evil eyes. Wood is also used in "Havan". Flowers and leaves are offered to appease Lord Shiva.
38	Saraca indica Linn.	Fabaceae	Sita , Ashok	Bark and Whole plant	Bark is used in case of uterine affections and in case of menorrhagia, leucorrhoea and chest pain.	The plant is considered sacred as abode of God and Goddesses. The tree is planted in the houses believing it as a symbol of wealth and religious faith. Flowers are used to appease the "God Kamdeva" – God of love. Leaves are used in "Durga pooja". In Ramayana it is mentioned that "Sita" was abducted by "Ravana" to Ashok vatika in Laka. This tree is considered to symbolize female chastity as she remains chaste throughout the period of her imprisonment in the groove of Ashoka tree in lanka. So as a token of the Chastity,the women considered this plant sacred and used to worship this plant.
39	Sesamum orientale Linn.	Pedaliaceae	Til	Leaves and seeds	Seed oil is applied externally for Rheumatic pain and also for cooking purposes. Paste of leaves is applied externally for painful swelling. Seed oil is massaged for past delivery pain	Seed is considered sacred and used in performing various religious ceremonies and also constitute an important component of "Havan". The seeds are also offered in "Pitrioarpna" on the occasion of "Saradha" ceremony , an adequate amount of black seed of this plant known as 'Til' and piece of gold is offered to God for external peace and rest to the departed soul in heaven. Seeds are also used in various rituals of marriage ceremony.
40	Solanum tuberosum Linn.	Solanaceae	Aloo	Tuber	The paste of tuber is applied on the face to remove the dark circles.	Boiled tuber with salt is also eaten on the religious fast as "Falwahar" . Boiled potato tuber with wheat flour and sugar are offered to "Sidha" – local deities and is used as sacred offering to "Brahmin" on religious day.
41	Tabernaemo ntana divaricata (Linn.)R.Br. exRoem & Schult.	Apocynace ae	Tagar	Flower	5ml decoction of flowers is prescribed three times in day for antihelminthic.	Flowers are offered to deities.

42	Tagetus	Asteraceae	Gutak-	.Flowers	25 ml decoction of leaves with	Flowers are offered to various
	erecta Linn.		phool		sugar is used to cure cold.	deities.
43	Ziziphus	Rhamnacea	Baer	Fruit,Ste	Polutices of root is applied to	Fruit is also considered sacred and
	jujuba Mill.	e		m branch	the affected parts in case of	offered to appease Lord Shiva on
				and	internal injuries.	day of "Mahashivratri". The
				Root		branch of tree is also used by
						bridegroom to touch it to the
						"Toran" before entering the bride
						house at the time of marriage in
						Brahmin and Rajputs .

<sup>1</sup>Nitesh Kumar, International Journal of Ayurvedic & Herbal Medicine 10(4) July-Aug. 2020 (3803-3815)

# CONCLUSION

The popular use of plant based therapy or folk herbal remedies among the rural people of Bilaspur district reflect their great faith and interest in traditional medicine. This shows that even in this modern and technological era, people also has good faith on plant based folk remedies for the treatment of local health problems. Due to good faith on deities, the people use various plants or their products in various religious ceremonies and in the worship of various dieties. They considered some plants such *Ficus religiosa, Aegle marmelos, Musa paradisiaca are* sacred due to faith that these tree are abode of deities.

They protect these plants from cutting. So this is considered as the best and safest method of conservation of local plants diversity. Due to over exploitation, some medicinal herbs are destroying day by day due to greed of earning money by human beings. Thus, to the prevention of over exploitation of these herbal plants for obtaining drug, it is necessary to cultivate the herbal plants in area from where the herbal plants has destroyed for obtaining the raw material for preparation of drug in various pharmaceutical industries. It is also necessary to document the traditional knowledge about the religious and medical of local plant for the benefit of future generation.

# REFERENCES

- 1. Arora N. K. (2018). Environmental Sustainability-necessary for survival. *Environmental Sustainability* 1, 1-2.
- 2. Chander H. and Chandel V. C. (2019). An Enumeration of Lichens from Bara Bhangal Region of Dhauladhar Wildlife Sanctuary. *Asian Journal of Advanced Basic Sciences* 7(1), 45-50.
- 3. Chander H. and Kumar G. (2018a). Rain-Water Harvesting Structures as an Alternative Water Resource under Rain-Fed Conditions of District Hamirpur, Himachal Pradesh, India. *CPUH-Research Journal* 3(2), 226-233.
- 4. Chander H. and Kumar G. (2018b). Rain-Water Harvesting Structures as an Alternative Water Resource under Rain-Fed Conditions of District Hamirpur, Himachal Pradesh, India. *CPUH-Research Journal*, 3(2): 226-233.
- Chander H. and Pathania J. (2018). Notes on Occurrence of Anti HIV-1 Medicinal Macrofungi Tyromyces chioneus in Hamirpur district, Himachal Pradesh. CPUH-Research Journal, 3(2), 187-190.
- Chander H. and Sharma G. (2020). Some rare ethno-medicinal plants of lower foot hills of North-Western Himalaya in Himachal Pradesh. In: Ethnobotany and Conservation. Pant S., Sharma A. and Sharma V. (eds.). Indu Book Service Private Limited, New Delhi. pp. 123-143.
- Chander H., Choudhary N. and Sharma P. (2017a). Taxonomic and Ethnobotanical Notes on Some Ferns and Fern Allies of Hamirpur (H.P.), North-Western Himalaya. J. *Biol. Chem. Chron.* 3(1), 28-40.

- 8. Choyal R.and Kumar N. (2015). Ethnobotanical notes on some magico-religious plants of Himachal Pradesh in the book "Ethnobotanty- A recent approach" Published madhu Publication, Bikaner, Rajasthan India: 155-171.
- 9. Chander H., Devi K. and Dogra, A. (2017b). Preliminary investigations on diversity of wood rot fungi in Hamirpur district, Himachal Pradesh. *J. Biol. Chem. Chron.* 3(2), 10-14.
- 10. Chander H., Kumari R. and Sharma S. (2018). Diversity, Distribution and Prioritization of Fodder Species for Conservation in Hamirpur District, Himachal Pradesh. *CPUH-Research Journal*, 3(2), 124-131.
- 11. Chander H., Sapna, Deepika and Sanjna (2019). Species Diversity of Lichens in Balh Valley of Himachal Pradesh, North Western Himalaya. *Journal of Biological and Chemical Chronicles* 5(2), 32-40.
- 12. Chander H., Thakur S. and Sharma S. (2017c). Investigations on Diversity of Wood Inhabiting Fungi in Sarkaghat Region of District Mandi, Himachal Pradesh, North-Western Himalaya. *J. Biol. Chem. Chron.* 3(1), 41-54.
- 13. Kaur I., Sharma S.and Lal S.(2011). Ethnobotical Survey of medicinal plants used for different diseases in Mandi district of Himachal Pradesh. International Journal of Research in Pharmacy and chemistry 1(4):1167-1171
- 14. Kandari L. S., Bisht V. K., Bhardwaj M. and Thakur A. K. (2014). "Conservation and management of sacred groves, myths and beliefs of tribal communities: a case study from north-India. *Environmental Systems Research* 3,16.
- 15. Kumar G. and Chander H. (2017a). A Study on the Potential of *Azolla pinnata* as Livestock Feed Supplement for Climate Change Adaptation and Mitigation. *Asian J. Adv. Basic Sci.* 5(2), 65-68.
- 16. Kumar G. and Chander H. (2017b). Documentation of Indigenous Agricultural Implements, Practices and other Conservation Techniques in Subtropical Climatic Zone of Shivalik Hills, North Western Himalayas. *J. Biol. Chem. Chron.* 3(2), 15-23.
- 17. Kumar G. and Chander H. (2018a). Ethno-Veterinary and Fodder Plants of Awah-Devi Region of Hamirpur District, Himachal Pradesh. J. Biol. Chem. Chron., 4(1), 8-15.
- 18. Kumar N.,Godara S., Ram.S., Pathania R.and Bhoria R. (2020) .Role of ethinic and indigenous people of North-Western Himalayan region of Himachal Pradesh in the conservation of Phytodiversity through religious and magico-religious beliefs. . IJCRT.8(7), 1846-55.
- 19. Kumar G. and Chander H. (2018d). Poly-lined Water Harvesting Tank Technique to Mitigate the Impact of Climate Change on Agro-economy in Rain Fed Conditions: A Case Study. J. Biol. Chem. Chron., 4(1), 1-7.
- Kumar G. and Chander H. (2019). Traditional Usage of Ethno-medicinal Plants of Sikandra Hill Range in Mandi District of Himachal Pradesh, India. *Asian Journal of Advanced Basic Sciences* 7(2): 42-49.
- 21. Kumar N. and Choyal R. (2013). Ethno-Medicinal Uses of Some Plants of Lower Foot Hills of Himachal Pradesh for the Treatment of Oral Health Problems and Other Mouth Disorders. *International Journal of Advanced Research* 1(5), 1-7.
- 22. Kumar S. (2009). Religious Practices among Indian Hindus: Does that Influence Their Political Choices. *Japanese Journal of Political Science* 10(3), 313-332.
- 23. Maikhuri R. K. (2013). Biodiversity of Indian West Himalayas. The Himalayan Biodiversity 24-25.
- 24. Padma T. V. (2014). Himalayan Plants Seek Cooler Climes. Nature 512, 359.
- 25. Pathania J. and Chander H. (2018a). Notes on Some Common Macrofungi of Hamirpur Region, Himachal Pradesh. *CPUH-Research Journal*, 3(2), 191-201.

- 26. Pathania J. and Chander H. (2018b). Nutritional Qualities and Host Specificity of Most Common Edible Macrofungi of Hamirpur District, Himachal Pradesh. *Biol. Chem. Chron.* 4(2), 86-89.
- 27. Prasher I. B. and Chander H. (2005). Lichens of Himachal Pradesh I. Pb. Univ. Res. J. (Sci.) 55, 109-129.
- 28. Ray R. and Ramachandra T. V. (2010). Small sacred groves in local landscape: are they really worthy for conservation?. *Current Science* 98(9), 1178–1180.
- 29. Sharma J. and Devi, A. (2015). Study on traditional worshiping plants in Hindu religion from Nalbari and Sonitpur Districts of Assam. *International Journal of scientific and research publications* 5(5), 1-5.
- 30. Sharma R.and Seth M.K (2020). Role of rural women in the conservation of plant resources and it's management in district Mandi, Himachal Pradesh.IJCRT., 8(5), 1493-1501
- 31. Sood S.K, Thakur Vandana and Lakhanpal T.N.(2005) Secred and magico religious plant of India. Book Published by Scientific Publisher Jodhpur,India. 1-231.
- 32. Sen Sharma, T. (1989). Plant in the Indian Puranas- An Ethnobotanical investigation. Naya Prakash, Calcutta.
- 33. Warman, C.K. (1999). Trees of india. (Medicinal, Commercinal, Religious and Ornamental).CBS Publishers and Distributors. Darya Ganj, New Delhi, India.