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Journey Of Saptaparna (Alstonia Scholaris R. Br.) From Ancient Texts To Advance Texts - A Review In Ayurveda.

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ABSTRACT

Ayurveda classics & modern texts provided huge information about the *Saptaparna* (*Alstonia scholaris* R. Br.) with its importance, synonyms, uses, part used, formulations and thus more. It is highlighted in diseased conditions like *Jwara* (fever), *Swasa* (Asthama), *Kustha* (skin disease), *Prameha* (diabetes) etc. *Saptaparna* is one of the divine medicinal plant among the plants of Ayurveda. But, the data of information are in a scattered manner. Hence, an effort has been induced to accumulate the information regarding *Saptaparna* from mainly *Bruhata trays* (*Charaka Samhita*, *Sushurta Samhita*, *Ashthanga Sangraha and Asthanga Hridaya*), five *Nighantus* and other advanced texts. This article will assist to the Ayurvedic industrial people, learners of Ayurveda and the persons interested in Ayurveda with the detailed materials of *Saptaparna*.

INTRODUCTION

Saptaparna - Alstonia scholaris R. Br. is an important medicinal plant in folklore medicine. It grows throughout India, in deciduous and evergreen forests and in plains. Juice of leaves and tincture of the bark acts as a powerful galactogogue and also used in cases of snake bite. Milky juice of the plant is applied on wounds and ulcers. The bark is bitter, acrid, astringent, digestive, laxative, thermo genic, antipyretic, galactogogue, cardiotonic and tonic. It is useful in abdominal disorders, fevers, leprosy, skin diseases, chronic and foul ulcers, asthma, bronchitis and helminthiasis. The bark extract induces the cellular immune response at low doses and inhibited the delayed type of hypersensitivity reaction at high doses. The alkaloid fraction of A. scholaris were founded to have a potential anticancer agent. It's bark extract showed chemo preventive potential against skin tumor genesis in Swiss albino mice.

Saptaparna (Alstonia scholaris R. Br.), is also used in much more disorders and detailed description regarding this divine medicinal plant is scattered in the ancient text as well in advance text. The scattered

data related to *Saptaparna* decreases the curiosity of curious person to know the medicine and increases difficulties for the scholars of Ayurveda to study herbal drug.

Hence, an attempt has been made to gather detail information of *Saptaparna* under the roof of this review article, provide easiness to the learners of Ayurveda, persons belong to Ayurved Industry and people interested in Ayurveda for understanding one of the divine medicine (*Saptaparna*) of Ayurveda.

MATERIALS & METHODS

The article represented here was covered the information of *Saptaparna* from *Veda*, *Purana*, *Sanskrita Sahitya*, *Bruhata Traya* (*Charaka Samhita*, *Sushruta Samhita*, *Asthanga Sangraha and Asthanga Hridaya*), *different nighnatus* (*Dhanvatry nighantu*, *Kaideva Nighantu*, *Bhavprakasha Nighantu*, *Raj Nighantu* and *Madanpala Nighnatu*) and other advance text Nighantu Adarsha, wealth of India, Indian medicinal plants, Flora of British India and many more.

All the above mentioned texts were referred for the information related to the herbal drug *Saptaparna* and results are presented in tabular form with discussion in the heading of results & discussions below.

RESULTS & DISCUSSIONS

1. Veda

The Rigveda, the oldest extent source, deals with a number of drugs which may be called as oldest drug stock of Ayurveda. The numbers of drugs have gradually increased along with addition of knowledge with advance of time and that is why the numbers of drugs in Atharvaveda and later in Ayurveda is quite larger than in the previous. Perhaps the Vedas are considered to be the oldest scriptures, most important and highest written authority, but in Vedic literature there is no reference regarding the drug *Saptaparna*.

2. Purana

Table-1 REFERENCES MENTIONED IN RAMAYANA

Ref. as 'Saptachada'	Ref. as 'Saptaparna'				
Kishkindha Kanda 30/30	Aranya Kanda 75/24	Uttara Kanda 22/57			
Kishkindha Kanda 30/35	Kishkindha Kanda 30/62	Uttara Kanda 39/3			
Kishkindha Kanda 32/13	Kishkindha Kanda 49/17	Uttara Kanda 42/24			
Sundara Kanda 02/10	Sundara Kanda 14/36	Sundara Kanda 15/9			

3. Sanskrit Literature

Kalidasa a great poet of Sanskrit literature has written many works. One among them is Raghuwansha mahakavya, which contains a poetic description of Saptaparna with regards to the Mada gandha of its Pushpa and Ksheera.

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àsvE> sÝp[Rna< mdgiNxiÉrahata>,
AsUyyev tÚaga> sÝxEv àsusuvu>. (Raghuwansha Mahakavya 4/23)
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Similar in smell of the pheromones of the excited elephant when the elephants of the King Raghu came in contact with the flowers of Saptaparna they began to secrete pheromones as if competing with each other.

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sÝCDd]IrkquàvahmsýmaØay md< tdIym!,
ivl=i"ta"aer[tliyta> senagjeNÔa ivmuoa bÉUvu>.
(Raghuwansha Mahakavya 5/48)
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The fragrance of the Ksheera of the Saptaparna tree is like the strong smell emoting from the pheromones of that wild elephant on smelling which the elephants from the battle field turned around and fled despite efforts by their mahouts to try to control them.

4. Samhita

A detailed description of Saptaparna with regards to its synonyms, therapeutic uses and different Bhaishajya Kalpanas indicated in various diseases has been mentioned in different Samhitas which are as follows:

i. Charaka Samhita: 31

ii. Sushruta Samhita: 28

iii. Asthanga Samgraha: 37

iv. Asthanga Hridaya: 20

Table-2 REFERENCES MENTIONED IN CHARAKA SAMHITA⁶

No.	Reference	Sutra	Vimana	Chikitsa	Siddhi
(1)	Churna Pradeha	3/4	-	-	-
(2)	Kushthaghna Dashemani	4/13	-	-	-
(3)	Udard prashaman Dashemani	4/43	-	-	-
(4)	Santarpana Samuthita Vyadhi	23/10	-	-	-
(5)	Sarasava	25/49	-	-	-
(6)	Vamandravya Kalpa Samgraha	-	8/35	-	-
(7)	Tikta Skandha	-	8/43	-	-
(8)	Kashaya Skandha	-	8/44	-	-
(9)	Shirovirechana Dravya	-	8/151	-	-
(10)	Prameha	-	-	6/29, 35	-
(11)	Kushta	-	-	7/65, 91, 97, 112, 129,144, 154, 158	-
(12)	Apasmara	-	-	10/18	-

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(13)	Grahani	-	-	15/125, 134, 179	-
(14)	Shwasa	-	-	17/114	-
(15)	Visarpa	-	-	21/88	-
(16)	Kaphaja Mutrakruchcha	-	-	26/57	-
(17)	Stanyadushti	-	-	30/260, 261	-
(18)	Rasnadi Niruha	-	-	-	3/61
(19)	Vidanga Taila				4/20
(20)	Panchatikta Basti				8/8

Maximum number of references is quoted in Asthanga Samgraha (37) followed by Charaka Samhita (31). Asthanga Hridaya has listed minimum number of references of Saptaparna in comparison to others.

In Charaka Samhita totally 31 references were found in 16 different Adhyayas of 4 different Sthanas. In Sutra Sthana 5, Vimana Sthana 4, Chikitsa Sthana 19 and in Siddhi Sthana 3 references were mentioned. Out of 19 references in Chikitsa Sthana maximum 8 times it is used in Kushtha Chikitsa.

Chakrapani in his Charakatatparya tika has quoted that "Patha" and "Saptaparna" as the drugs having Rasayana property in Swastha and Rogahara property in Arta (Patient). Thus they have a potential of performing "Ubhaya-arthakrita karma". (Ch. Ck. Chi. 1/1/5)

Table-3 REFERENCES MENTIONED IN SUSHRUTA SAMHITA⁷

No.	Reference	Sutra	Chikitsa	Kalpa	Uttara
(1)	Ritucharya- Sharada Lakshanam	6/36	-	-	-
(2)	Pratisaraniya Kshara	11/11	-	-	-
(3)	Aragvadhadi Gana	38/6	-	-	-
(4)	Lakshadi Gana	38/64	-	-	-
(5)	AdhobhagaharaDravya	39/4	-	-	-
(6)	Tikta Varga	42/11		-	-
(7)	Dwivraniya	-	1/21	-	-
(8)	Bhagandara	-	8/50	-	-
(9)	Kushtha	-	9/7,8,46,49, 50,51,54,58	-	-
(10)	Prameha	-	11/8,9	-	-
(11)	Prameha Pidaka	-	12/9	-	-
(12)	Kaphaja Vridhi/ Granthi	-	19/14	-	-
(13)	Sthaulya Anuvasana	-	37/33	-	-

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No.	Reference	Sutra	Chikitsa	Kalpa	Uttara
(14)	Danta Kashthagata Visha	-	-	1/50	-
(15)	Dundubhi Kshara Agada		-	6/3	-
(16)	Jwara	-	-	-	39/245,257
(17)	Shwasa	-	-	-	51/36
(18)	Apasmara	-	-	-	61/34

In Sushruta Samhita total 28 references are scattered in 17 Adhyayas of 4 Sthanas. In Sutra Sthana 6, Chikitsa Sthana 16, Kalpa Sthana 2, Uttaratantra 4 references are quoted. In Kushtha Chikitsa maximum 8 references were found.

Dalhana in his Nibhanda Samgraha Tika has described morphological description of Saptaparna in detail.

sÝp[R> zaLmilsÎzp[aeR gjmdgNxpu:p> zrid ivkznzIl, %½E v&]> satvn< #it laeke. (Su. Dal. Su. 38/6)

Table-4 REFERENCES MENTIONED IN ASHTANGA SAMGRAHA⁸

No.	Reference	Sutra	Chikitsa	Kalpa	Uttara
(1)	Dantakashthagata Visha	8/16	-	-	-
(2)	Vamanopaga Dravya	14/2	-	-	-
(3)	Virechanopaga Dravya	14/3	-	-	-
(4)	ShirovirechanopagaDravya	14/5	-	-	-
(5)	Kushtaghna Mahakashaya	15/15	-	-	-
(6)	Udarda-Prashamana Mahakashaya	15/39	-	_	-
(7)	Aragwadhadi	16/9	-	_	-
(8)	Tikta- Skandha	18/22	-	-	-
(9)	Kashaya Skandha	18/24	-	-	-
(10)	Sa-krumi Vrana	39/54	-	-	-
(11)	Pratisaraniya Kshara	40/8	-	-	-
(12)	Jwara	-	1/78	-	-
(13)	Shwasa	-	6/35	-	-
(14)	Kaphaja Mutrakricha	-	13/5	-	-
(15)	Prameha	-	14/5,21,22	-	-
(16)	Kushtha	-	21/4,5,12,16,43,81, 98,104,119,124	-	-
(17)	Panchatikta panchaprasuta Basti	-	-	4/43	-

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(18)	Rutuvishesha Shita, Vasanta	-	-	-	1/83
(19)	Kapha Dushta Stanya	-	-	-	2/15
(20)	Apasmara	-	-	-	10/22
(21)	Krimidanta	-	-	-	26/16
(22)	Vrana	-	-	-	30/35,64
(23)	Dushta Vrana	-	-	-	31/14
(24)	Hasira Mushaka Visha	-	-	-	46/48
(25)	Dundubhi Kshara Agada	-	-	-	47/52

In Asthanga Samgraha total 37 references are mentioned In Asthanga Samgraha total 37 references are mentioned in 21 different Adhyayas of 4 Sthanas. Out of which in Sutra Sthana 11, Chikitsa Sthana 16, Kalpa Sthana 1 and 9 in Uttaratantra are quoted. Vriddha Vagbhata has used Saptaparna abundantly in Kushtha Chikitsa 10 times.

Table-5 REFERENCES MENTIONED IN ASHTANGA HRIDAYA9

No.	Reference	Sutra	Chikitsa	Kalpa	Uttara
(1)	Aragwadhadi Gana	15/17		-	-
(2)	Sa-Krimi Vrana	29/76		-	-
(3)	Shwasa	-	4/33	-	-
(4)	Grahani	-	10/42	-	-
(5)	Kaphaja Mutrakricha	-	11/12	-	-
(6)	Prameha	-	12/16,42	-	-
(7)	Vridhi	-	13/34	-	-
(8)	Visarpa	-	18/15	-	-
(9)	Kushta	-	19/8,11,37, 41, 50, 79	-	-
(10)	Panchatikta PanchaprasutikaBasti	-	-	4/23	-
(11)	Apasmara	-	-	-	7/20
(12)	Karna-roga	-	-	-	18/57
(13)	Krimidanta	-	-	-	22/20
(14)	Mukhapaka		-	-	22/103

In Asthanga Hridaya total 20 numbers of references are divided into 13 different Adhyayas of 4 different Sthanas. Maximum 13 references are found in Chikitsasthana followed by Uttaratantra 4 and Sutrasthana 2. Kalpasthana states only 1 reference regarding a content of Panchatikta Panchaprasutik Basti.

Table-6 SYNONYMS MENTIONED IN BRIHATTRAYI

No.	Synonyms	Ch. S. ¹⁰	Su. S. ¹¹	A. S. ¹²	A. H. ¹³
(1)	Saptaparna	+	+	+	+
(2)	Saptachchada	+	+	+	+
(3)	Saptavaha			+	
(4)	Saptavha		+	+	

Maximum 4 synonyms of Saptaparna are stated in Asthanga Hridaya followed by 3 in Sushruta Samhita while Charaka and Asthanga Samgraha have mentioned only 2 synonyms.

Table-7 PRAYOGYA ANGA OF SAPTAPARNA IN BRIHATTRAYI

No.	Prayojya Anga	Ch. S. ¹⁴	Su. S. ¹⁵	A. S. ¹⁶	A. H. ¹⁷
(1)	Mula	+	+	+	+
(2)	Twaka	+	+	-	-
(3)	Sara	+	-	-	-
(4)	Swarasa	+	-	+	+
(5)	Kshara	+	+	+	-
(6)	Ksheera	-	+	+	+
(7)	Phala	-	+	-	-
(8)	Pushpa	+	+	+	+
(9)	Patra	-	+	-	-
(10)	Beeja*	-	-	+	-

Out of 18 Prayojya Anga in Audbhida Gana of Charaka Samhita total 9 Prayojya Anga of Saptaparna have been mentioned in Brihattrayi and Asthanga Samgraha has mentioned *Beeja of Saptaparna as Shirovirechana Dravya which is not included in Audbhida Gana mentioned by Charaka. Mula and Pushpa are both mentioned in all the 4 Samhitas.

It is evident from below table that Saptaparna when indicated for internal administration was used in *Pana* form followed by *Leha* form, while indicated for external application it was mainly in the form of *Abhyanga*.

Table-8 AUSHADHA PRAYOGA MARG IN BRIHATTRAYI

No.	Prayoga marg	Ch. S. 18	Su. S. ¹⁹	A. S. ²⁰	A. H. ²¹
Anta	h Parimarjana				

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(1)	Vamana	1	-	2	2
(2)	Virechana	1	-	1	1
(3)	Basti	3	1	1	1
(4)	Nasya	-	1	-	-
(5)	Gandusha		1	-	-
(6)	Pana	15	10	11	11
(7)	Leha	4	4	5	5
	Total	24	17	20	20
Bahi	r Parimarjana	I	I	I	I
(1)	Varnaka	1	-	1	-
(2)	Udgharshana	1	-	1	-
(3)	Snana	3	1	1	-
(4)	Alepana	2	1	2	-
(5)	Pragharshana	1	-	1	-
(6)	Avachurnana	1	-	1	-
(7)	Abhyanga	3	7	3	3
(8)	Prachachadya		1	-	-
(9)	Lepa	1	-	2	2
(10)	Pradeha	1	-	1	-
(11)	Pratisarana	-	2	3	1
(12)	Udvartana	-	-	1	-
(13)	Prakshalana	-	-	2	-
	Total	14	12	19	06

Table-9 CLASSIFICATION OF SAPTAPARNA IN BRIHATTRAYI

No.	Gana/Varga	Ch. S. ²²	Su. S. ²³	A. S. ²⁴	A. H. ²⁵
(1)	Churna Pradeha	+	-	-	-
(2)	Kushthaghna Mahakashaya	+	-	+	-
(3)	Udardprashamana Mahakashaya	+	-	+	-
(4)	Santarpana Samuthita vyadhihara	+	-	-	-
(5)	Sarasava	+Sara	-	-	-
(6)	Vaman Dravya	+ Mula	-	+ Mula	-
(7)	Tikta Skandha	+	+	+	-

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(8)	Kashaya Skandha	+	ı	+	-
(9)	Shirovirechana Dravya	+ Pushpa	1	+ Beeja	-
(10)	Aragwadadi Gana	-	+	+	+
(11)	Lakshadi Gana	-	+		-
(12)	Adhobagahara Dravya	-	+ Ksheera	+ Ksheera	-
(13)	Pratisaraniya Kshara	-	+ Kshara	+ Kshara	-

^{*}With specification of prayojya anga (part used).

Acharya Charaka and Vriddha Vagbhata have used two different parts of Saptaparna for the purpose of Shirovirechana, which are Pushpa and Beeja respectively. Except Vagbhata all Acharyas mentioned Saptaparna in Tikta Skandha.

Table-10 THERAPEUTIC INDICATIONS OF SAPTAPARNA IN BRIHATTRAYI

No.	Vyadhi	Ch. S. ²⁶	Su. S. ²⁷	A. S. ²⁸	A. H. ²⁹
(1)	Prameha	+	+	+	+
(2)	Kushtha	+	+	+	+
(3)	Apasmara	+	+	+	+
(4)	Grahani	+	-	-	+
(5)	Shwasa	+	+	+	+
(6)	Visarpa	+	-	-	+
(7)	Kaphaja Mutrakricha	+	-	+	+
(8)	Stanyadushti	+	-	+	-
(9)	Vrana	-	+	+	-
(10)	Bhagandara	-	+	-	-
(11)	Prameha Pidaka	-	+	-	-
(12)	Kaphaja Vruddhi	-	+	-	+
(13)	Sthaulya	-	+	-	-
(14)	Danta Kashtha- gata Visha	-	+	+	-
(15)	Dundubhi Kashara Agada	-	+	+	-
(16)	Jwara	-	+	+	-
(17)	Sa-Krimi Vrana	-	-	+	+
(18)	Karnaroga	-	-	-	+
(19)	Krumidanta	-	-	+	+

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(20)	Mukhapaka	-	-	-	+
(21)	Dusta Vrana	-	-	+	-
(22)	Hasira Mushaka Visha	-	-	+	-
	Total	8	12	14	12

All Acharyas have indicated the use of Saptaparna in Prameha, Kushtha, Apasmara, and Shwasa. Some opine its use in different types of Vrana as shown in table no. 10.

Table-11 KALPANAS OF SAPTAPARNA IN BRIHATTRAYI:

No.	Kalpana	Ch. S. ³⁰	Su. S. ³¹	A. S. ³²	A. H. ³³	Total
(1)	Swarasa	1	-	1	1	3
(2)	Kalka	-	1	1	-	2
(3)	Kashaya	9	4	11	3	27
(4)	Phanta	-	-	-	-	-
(5)	Sheeta	-	-	1	-	1
(6)	Yavagu	1	-	-	-	1
(7)	Peya	-	1	-	1	2
(8)	Churna	4	4	6	4	18
(9)	Taila	2	7	3	3	15
(10)	Ghrita	5	4	4	4	17
(11)	Asava	1	-	-	-	1
(12)	Kshara	1	2	2	-	5
(13)	Lepa	4	1	3	2	10
(14)	Ksheera	-	1	1	1	3
(15)	Avaleha	-	-	2	-	2
(16)	Varti	-	-	1	-	1
	Total	28	25	36	19	108

In Brihattrayi Kashaya, Churna, Ghrita and Taila Kalpanas of Saptaparna are used most abundantly among which Charaka and Vriddha Vagbhata have used Kashaya Kalpana, Sushruta has used Taila Kalpana and Vagbhata has used Churna and Ghrita Kalpana in abundance. Only Charaka has mentioned Yavagu and Asava Kalpana of Saptaparna. Astanga Samgraha quotes Sheeta, Avaleha and Varti Kalpanas of Saptaparna. Among the Panchavidha Kashaya Kalpanas Phanta Kalpana of Saptaparnahas not been prepared by any of the four Granthakaras.

Table-12 PRADHANA YOGA OF SAPTAPARNA IN BRIHATTRAYI:

No.	Pradhana Yoga	Ch. S. ³⁴	Su. S. ³⁵	A. S. ³⁶	A. H. ³⁷
(1)	Kanakakshiri Taila	+	-	+	-
(2)	Vajraka Taila	-	+	+	-
(3)	Mahavajraka Taila	-	+	-	-
(4)	Syandana Taila	-	+	-	-
(5)	Chandanadya Ghrita	+	-		-
(6)	Panchagavya Ghrita	-	+	+	-
(7)	Mahakhadir Ghrita	+	-	-	+
(8)	Mahatiktak Ghrita	+	+	+	+
(9)	Mahapanchagavya Ghrita	+	-		-
(10)	Lakshadi Churna	-	-	+	+
(11)	Mustadi Churna	+	-	-	+
(12)	Pathadi Churna	-	-	+	+
(13)	Vachadyadi Churna	+	-	-	-
(14)	Triphaladi Churna	-	-	+	-
(15)	Kshara Agada	-	+	+	
(16)	Duralabhadya Kshara	+	-	-	-
(17)	Yogaraja Rasayana	-	-	+	-
(18)	Siddharthaka Snana	+	-	+	-
(19)	Saptachchadadi Yavagu	+	-	-	-
(20)	PanchtiktaPanchaPrasuticBasti	+	-	+	+

All Acharyas have quoted the use of Mahatiktaka Ghrita. Only Charaka mentions Vachadyadi Yoga, Duralabadya Kshara and Saptachchadadi Yavagu. Except Charaka all have quoted Vajraka Taila. Only Sushruta has mentioned Mahavajraka Taila and Syandana Taila. Except Sushruta all have mentioned Pancatikta Pancha Prasutic Basti.

5. NIGHANTU KALA

Table-13 SYNONYMS OF SAPTARNA MENTIONED IN NIGHANTUS

NO.	Synonyms	Dh. Ni. ³⁸	M. Ni. ³⁹	Kai. Ni. ⁴⁰	Bha. Ni. ⁴¹	Raj. Ni. ⁴²
1)	Ayugmaparna					+
2)	Gandhiparna					+

3)	Guchapatra					
4)	Guchapushpa		+			+
5)	Guchapushpaka		+			
6)	Gudhapushpa	+				
7)	Guhashayana					
8)	Chatraparna	+				
9)	Chatri		+	+		
10)	Triparna			+		
11)	Patravarna					+
12)	Parni			+		
13)	Pruthakapatra					
14)	Bahuchada					
15)	Bahucheda			+		
16)	Bahutwaka					
17)	Bahuparna					+
18)	Bruhat-twaka			+		+
19)	Bruhat-patra					
20)	Madagandha					+
21)	Munichada					+
22)	Yugmapatra					
23)	Yugmapushpa					
24)	Vankibhumita					+
25)	Vishalatwaka				+	
26)	Vishamachada				+	
27)	Vidyneya					+
28)	Sharada			+	+	
29)	Shalmalichada					
30)	Shalmalipatraka	+	+	+		+
31)	Shalmaliparnaka					
32)	Shuktipatra			+		
33)	Shuktiparna	+				+
34)	Saptanga					
35)	Saptachada	+				+
36)	Saptaparna	+	+	+	+	+

37)	Sapthavaha			+	
38)	Sudirgha				
39)	Suparnaka	+		+	+
40)	Suvarna				
41)	Sthulapatra			+	
42)	Sharadiya		+		
43)	Madagandhi		+		
44)	Shiroruja		+		

NIRUKTI OF SYNONYMS: 43, 44, 45

1. sÝp[R - kiSmn! v&Nte sÝp[aRNySy, sÝCDd> #Tyip tdwRk c,

A tree generally with seven leaves together in petiole.

2. ivzalTvkœ - ivzala b&ht! TvgSy,

The bark of which is thick and large.

3. DÇp[R - DÇvt! às&tain p[aRNySy,

The leaves of which are spread like umbrella.

4. zui'p[R - zu®yakarai[p[aRNySy,

Seven leaves appearing like oyster shell.

5. zaLmilpÇk - zaLmlE> pÇa[Iv pÇaNySy,

A tree bearing seven leaves together like that Shalamali.

6. guCDpu:pk -guCDe pu:paVySy,

Flowers are in cluster.

7. mdgNx - mdkrae gNx> pu:pe Sy,

The flowers are having strong fragrance.

8. zard - zrid pu:pivksnzIl>,

zardaya> srSvTya> deVya Ayimit va,

It bears flowers in autumn.

9. izraeék - izris éja jayte pu:pgNxenaSy,

Flowers are having a strong fragrance which causes headache.

10. ¢hnazn - ¢haÚazytIit,

The plant has capacity to overcome evil caused as a result of Grahabadha.

11. iv;mCDd> - iv;m< Jvr< Ddyit invaryit Ddapvar[e,

The plant is a potent drug for Vishama Jwara.

12. iv;mCDd>- iv;ma AyuGmaZDda> p[aRNySyeit c, At v AyuGmpÇ> #Tyip Kvict! pQ(te.

The leaves are mostly odd in numbers.

Table-14 CLASSIFICATION OF SAPTAPARNA IN NIGHANTUS

No.	Nighantu	Varga
1)	Dhanvantari ⁴⁶	Chandanadi Varga
2)	Madanpala ⁴⁷	Vatadi Varga
3)	Kaiyadeva ⁴⁸	Aushadhi Varga
4)	Bhavaprakasha ⁴⁹	Vatadi Varga
5)	Raja ⁵⁰	Chandanadi Varga
6)	Nighantu Aadarsha 51	Kutajadi Varga

Table-14 GUNAKARMAS OF SAPTAPARNA IN NIGHANTUS

No.	Rasapanc	haka	Dh. Ni. ⁵²	M. Ni. ⁵³	Kai. Ni. ⁵⁴	Bha. Ni. ⁵⁵	Raj. Ni. ⁵⁶
1)	Rasa	Kashaya			+	+	
1)	Kasa	Tikta					+
		Snigdha			+	+	
2)	Guna	Sara	+	+	+	+	
2)	Guna	Surabhi	+				
		Madagandhi					+
3)	Veerya	Ushna			+	+	+
4)	Vipaka	Katu*					
5)	Karma	Deepana	+		+	+	+
	Ixai illa	Hridaya	+	+			+

^{*}Katu Vipaka of Saptaparna is not mentioned in the above Nighantus but Acharya Priyavrat Sharma mentions it in his textbook on Dravyaguna.

PANCHBHUTIK CONSTITUTION:

Every drug has Panchabhautika properties (Ch.Su.26) and the panchabhautika Samgathana of the drug can be detected on the basis of Rasapanchaka. After referring all texts we concluded that the drug Saptaparna having these type Rasa-Panchaka and Panchbhautika Constitution:

Kamlesh Bhogayata¹, International journal of ayurvedic & herbal medicine 6(2) March-April 2016(2194-2212)

RASA-PANCHAKA		PANCHBHUTIK CONSTITUTION
Pasa	Kashaya	Vayu + Prithvi
Rasa	Tikta	Vayu + Aakash
Guna	Snigdh	Jala
Guna	Sara	Jala
Veerya	Ushna	Agni
Vipaka	Katu	Vayu + Agni

Table-15 THERAPEUTIC INDICATIONS OF SAPTAPARNA IN NIGHANTUS

No.	Diseases	Dh.Ni. ⁵⁷	M.Ni. ⁵⁸	Kai.Ni. ⁵⁹	Bha.Ni. ⁶⁰	Raj.Ni. ⁶¹
1)	Krima	+	-	+	+	+
2)	Shwasa	-	-	+	+	-
3)	Kushtha	+	+	+	+	-
4)	Gulma	+	-	+	+	-
5)	Vrana	-	+	+	+	+
6)	Raktamaya	-	-	-	-	+
7)	Shoola	+	-	-	-	-
8)	Raktarujapaha	-	-	-	-	-

In all the above Nighantus the therapeutic use of Saptaparna in Kushtha is indicated. In Krimi and Vrana Saptaparna is also widely prescribed followed by Gulma and Shwasa. Dhanvantari and Shaligram Nighantu have indicated its use in Shula. Regarding the therapeutic action of Saptaparna on Rakta Dhatu Raja Nighantu and Shaligram Nighantu have termed it Raktamaya and Raktarujapaha respectively.

6. ADHUNIKA KALA

Nighantu Adarsh : $(1928 \text{ A.D.})^{62}$

The book is written by Bapalal Vaidhya. He has given compilatory description with scientific approach regarding the drug Saptaparna. He has given Nirukti of some important synonyms.

Dravya guna Vignan: 63

Two writers (1) P.V Sharma (2) Y. T. Acharya have written the book namely Dravya Guna Vijnana. Both have described the drug in detail with Synonyms, Vernacular names, Classification, Rasa Panchaka and Utility of the drug. But P.V. Sharma has given detailed drug action on different systems of the body.

Flora of British India: 64

The book was written by J. D. Hooker. He has mentioned the morphological, Pharmacological, Chemical and therapeutical description of *A. sholaris* R. Br.

Indian Materia Medica: 65

Botanical name, family name, vernacular names, uses, classification etc. had been given about the Saptaparna.

Indian medicinal plants: ⁶⁶

In this book, which is written by Kirtikar & Basu. The Family, Genus characters and morphology of the plant, vernacular names have been described elaborately, along with its uses and therapeutic applications.

Glossary of Indian Medicinal Plants: 67

In this book Chopra and Nayar have described properties and various uses of the plant.

Flora of Bombay Presidency: 68

The detailed family characters, genes character, morphological characters etc. are mentioned in this book.

Database of Indian Medicinal Plant: ⁶⁹

This book provide very elaborative information regarding Saptaparna like botanical name, family name, vernacular name, botanical description, rasa panchaka, pharmacological actions, therapeutic evolution, part used, doses, formulations, chemical constituents, substitutes & adulteration, cultivation etc.

CONCLUSION

The *Saptaparna* traces out from the puran to modern text of herbal drugs, but not present in the Veda. It has much valuable properties, can be used to cure many disorders like swasa, apsmara, jwara, prameha, kustha, gulma, vrana etc. It is katu & kshaya in rasa, snigdha & sara in guna, ushna in veery and katu in vipaka. The root, stem, leaves, flower and almost all the part of *Saptaparna* can use to prepare formulations for different diseases conditions. This article collects the huge information of *saptaparna*, will assist to the Ayurvedic industrial people, learners of Ayurveda and the persons interested in Ayurveda with the detailed materials of *Saptaparna*.

REFERENCES

- 1. Krunal et al., Pharmacognostical standardization of Saptaparna (Alstonia scholaris R. Br.) Stem bark, Pharma Science Monitor, 5(3), Jul-Sep, 2014, 248-255.
- 2. Kirtikar KR and Basu BD, Indian Medicinal Plants, Vol. I, (Allahabad: Lalit Mohan Basu Publishers, 2002) 111-114.
- 3. Iwo MI, Soemardji AA, Retnoningrum DS and Sukrasno UUM, Immunostimulating effect of pule (Alstonia scholaris L. R. Br., Apocynaceae) bark extracts, Clinical emorheology and Microcirculation, 23, 2000, 177-183.

- 4. Jagetia GC and Baliga MS, Evaluation of anticancer activity of the alkaloid fraction of Alstonia scholaris (Sapthaparna) in vitro and in vivo, Phytotherapy Research, 20 (2), 2006, 103-109.
- 5. Kamlesh Bhogayata, B. R. Patel, Bhakti Chhaya, Krunal Doshi, Joban Modha. Phytochemical Screening of Saptaparna (Alstonia Scholaris R. Br.) Bark. AYUSHDHARA, 2015; 2 (2):71-76.
- 6. Caraka. Charakasamhita. Sastri K, Chaturvedi P, editors. 1st ed. Varanasi: Chaukhamba Bharti Academy; 2005.
- 7. Susruta. Susruta Samhita. Vaidya Jadavaji Trikamji, editor. 1 st ed. Varanasi: Chaukhambha Sanskrit Sansthan: 2009.
- 8. Vagbhata. Ashtangasamgraha. with hindi commentary by Atridev Gupta. Varanasi; Chaukhamba Krishnadas Academy; reprint 2005.
- 9. Vagbhata. Asthangahrdayam. Paradkar Harishastri, editor. 1 st ed. Varanasi: Chowkhamba Krishnadas Academy; 2006.
- 10. Ibidem 6. Charaka Samhita.
- 11. Ibidem 7. Susruta Samhita.
- 12. Ibidem 8. Asthangasamgraha.
- 13. Ibidem 9. Asthangahridaya.
- 14. Ibidem 6. Charaka Samhita.
- 15. Ibidem 7. Susruta Samhita.
- 16. Ibidem 8. Asthangasamgraha.
- 17. Ibidem 9. Asthangahridaya.
- 18. Ibidem 6. Charaka Samhita.
- 19. Ibidem 7. Susruta Samhita.
- 20. Ibidem 8. Asthangasamgraha.
- 21. Ibidem 9. Asthangahridaya.
- 22. Ibidem 6. Charaka Samhita.
- 23. Ibidem 7. Susruta Samhita.
- 24. Ibidem 8. Asthangasamgraha.
- 25. Ibidem 9. Asthangahridaya.
- 26. Ibidem 6. Charaka Samhita.
- 27. Ibidem 7. Susruta Samhita.
- 28. Ibidem 8. Asthangasamgraha.
- 29. Ibidem 9. Asthangahridaya.
- 30. Ibidem 6. Charaka Samhita.
- 31. Ibidem 7. Susruta Samhita.
- 32. Ibidem 8. Asthangasamgraha.
- 33. Ibidem 9. Asthangahridaya.

- 34. Ibidem 6. Charaka Samhita.
- 35. Ibidem 7. Susruta Samhita.
- 36. Ibidem 8. Asthangasamgraha.
- 37. Ibidem 9. Asthangahridaya.
- 38. Sharma PV, editor. Dhanvantari Nighantu. 3rd ed. Varanasi: Chaukhambha Orientalia; 2002.p.105.
- 39. Madanpala. Illustrated Madanpala Nighantu by J. L. N. Shastry. First ed. Varanasi: Chaukhambha Orientalia; 2010.p.541-542.
- 40. Kaiyadeva. Kaiyadeva Nighantu. Sharma PV, Guru Prasad Sharma, editors. reprint. Varanasi: Chaukhambha Orientalia; 2009.p.176.
- 41. Bhavamishra. Bhavaprakasha Nighantu. Pandey GS, editor. 1st ed. Varanasi: Chaukhambha Bharati Academy; 2006.p.546.
- 42. Pandit Narahari. Raja Nighantu. Indradeo Tripathi, editor. 3rd ed. Varanasi: Krishnadas Academy; 2003.p.401-402.
- 43. Bapalal Vaidya. Nignantu Adarsh, Vol. I & II, 2nd ed. Varanasi: Chaukhambha Vidya Bhawan; 1968.
- 44. Vaman Shivram Apte. The Student's Sanskrit-English Dictionary. 13th ed. Delhi: Motilal Banarasidas Prakashan Private limited; 2011.
- 45. Monier Williams. A Sanskrit English Dictionary. New Delhi: Bharatiya Granthh Niketan; 2007.
- 46. Ibidem 38. Dhanvantari Nighantu.
- 47. Ibidem 39. Madanpal Nighantu.
- 48. Ibidem 40. Kaiyadeva Nighantu.
- 49. Ibidem 41. Bhavaprakasha Nighantu.
- 50. Ibidem 42. Raja Nighantu.
- 51. Ibidem 43. Nighantu Adarsh.
- 52. Ibidem 38. Dhanvantari Nighantu.
- 53. Ibidem 39. Madanpal Nighantu.
- 54. Ibidem 40. Kaiyadeva Nighantu.
- 55. Ibidem 41. Bhavaprakasha Nighantu.
- 56. Ibidem 42. Raja Nighantu.
- 57. Ibidem 38. Dhanvantari Nighantu.
- 58. Ibidem 39. Madanpal Nighantu.
- 59. Ibidem 40. Kaiyadeva Nighantu.
- 60. Ibidem 41. Bhavaprakasha Nighantu.
- 61. Ibidem 42. Raja Nighantu.
- 62. Ibidem 43. Nighantu Adarsh.
- 63. P. V. Sharma. Dravyaguna- Vijnana. Vol. II, Reprint. Varansi: Chaukhambha Bharati Academy; 2005.p.710.
- 64. Hooker J. D. Flora of British India, Vol. III. Dehradun: Bishen Singh Mahendra Pal Singh; 1999. p. 642
- 65. Nadkarni A. K. Indian materia medica. 3rd edi, Vol I. Bombay: Popular Book Depot; 1954.p.892
- 66. Basu BD, Kirtikar KR. Indian Medicinal plants, 2nd edn. Dehradun: International Book Distributors; 2008.

- 67. Chopra R.N., Nayar S.L. and I.C. Chopra. Glossary of Indian Medicinal plants. New Delhi: C.S.I.R.; 1956.p.184.
- 68. Theodore Cooke. Flora of the Presidency of Bombay, Vol. II. Dehradun: Bishen Singh Mahendra Pal Singh; 1997. p.132.
- 69. P. C. Sharma, M. B. Yelne, T. J. Dennis. Data base on medicinal plants used in Ayurveda. Vol.-I. New Delhi: CCRAS, Dept. of ISM & H, ministry of health & family welfare, Govt. of India; 2000. p. 384.