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An Extensive Study Of *Palash (Butea Monosperma Lam.)* In *Brihat Trayi*– A Review

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ABSTRACT: *Ayurveda* is a holistic science of life. *Ayurveda* is the only science which gives more importance on prevention of diseases and maintained the health of healthy person. In modern era peoples are suffering from many diseases. There are lots of herbal medicine mentioned in our classical text to cure them. *Palash (Butea monosperma Lam.)* is one of them. It is very useful ,common ,easily available, cost effective herbal medicine. Which frequently mention in *brihatrayi*. the *brihatrayi* belongs to three ancient *Sanskrit* book of *Ayurveda* medicine. There are three main reference which are considered most authentic and standard for *Ayurveda*. In this review article we are present detailed study of *palash* in *brihatrayi*.

Key words :- *Palash, brihatrayi, Butea monosperma Lam.*

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INTRODUCTION:

Butea monosperma Lam. commonly known as *Palash* is very useful herbal medicine belong to the Fabaceae family found through out India, except in very arid parts^[1]. Flower of *Palash* is known as state flower of Jharakhand and flower of *Palash* also use to prepare herbal colours. Which is used for “Holi” festival in India. The gum which is obtained from the incision made on the tree is good astringent. It is also know as “Kamarkas”. It is used in certain number of dishes and also as the source of tannin in the lather industry. It acts as a substitute for kino gum^[2]. In India in most of the regions it used in worship of God in many festival it is used in different way. The *brihatrayi* “the great triad” refers to three early *Sanskrit* reference book of *Ayurveda* medicine.

AIMS & OBJECTIVES :-

- To study the various property of *palash*
- To study the *palash* in *Brihatrayi*.

MARERIAL AND METHOD :-

The article is based on review of *palash* in *brihatrayi* (*Charak Samhita, Sushruta Samhita, Ashtang Hridaya*) and other article modern medical literature journals and articles related to be topic were reviewed critically.

CLASSICAL NAMES^[3] :- *Palasha, Kinshuka, Parna, Raktapushpaka, Ksharshreshtha, Vatapotha, Brahmavriksha, Samidwara, Yagniya.*

VERNACULAR NAMES^[4] :-Sanskrit : *Kimsuka , Brihma Vriksha*Assam : *Palash*Bengali : *Palash Gachha, Palash*English : *Flame of the Forest*Gujrati : *Kesuda, Khakharo*Hindi : *Dhak, Tesu, Paras*Kannada : *Muttug, Muttulu*Malayalam : *Palashinsamatha*Marathi : *Kakracha, Palas*Oriya : *Porasu, Kijuko*Punjabi : *Tesh*Tamil : *Purasu*Telugu : *Modyga Puvvu*Urdu : *Dhak (Tesu)***BOTANICAL CLASSIFICATION^[5]**

- Kingdom: *Plantae*
- Sub-Kingdom: *Tracheobionta*
- Division: *Magnoliophyta*
- Class: *Magnoliophyta*
- Order: *Fabales*

• Family: *Fabaceae*• Genus: *Butea*• Species: *Monosperma***RASAPANCHAK^[6] –**

<i>Guna</i> -	<i>Laghu, Ruksha</i>
<i>Rasa</i> -	<i>Katu, Tikta, Kashaya</i>
<i>Vipak</i> -	<i>Katu</i>
<i>Virya</i> -	<i>Ushana</i>
<i>Doshakarma</i>	<i>-Kapha-Vatashamak</i>

Review Of *Palash* In *Brihatrayi*:-***CHARAK SAMHITA*^[7]**

In this text the name of *Palash* is mentioned in *Sutrasthan, Vimanasthan, Sharirasthan, Chikitsasthan, Siddhasthan* etc. *Charaka* has described the name of *Kinshuk* is *Chikitsasthan* and *Siddhasthan*. *Acharya* the name of *Vatpoth* is mentioned in *Chikitsasthan*.

***SUSHRUT SAMHITA*(2nd century)^[8]**

Maharshi Sushruta has described the name of *Palash* in *Sutrasthan, Sharirasthan, Chikitsasthan, Kalpasthan* and *Uttarasthan*. *Acharya* has mentioned the name of *Kinshuk* in *Sutrasthan, Chikitsasthan, Kalpasthan* and *Uttarasthan*.

ASHTANGA HRIDAYA(7th century)^[9]

In this text *Palash* is mentioned in *Sutrasthan*, *Sharirsthan*, *Chikitsasthan*, *Kalpasthan* and *Uttarshan*. Maharshi *Vagbhatta* has described the name of *Kinshuk* in *Chikitsasthan* and *Uttarshan*.

Detail Description Of *Palash* In *Brihatrayi*

Description of *palash* is scattered in *Brihatrayi*. In this review we collect all references of *palash* from *Brihatrayi* and present in tabular form. It is helpful to get information of *palash* in one place. *Palash* is frequently use in several diseases it is very useful herbal medicine.

Described in *Charak Samhita* as soon in below table^[10]:-

Table 1- By the name of *palash*

S.No.	Preparation	Reference
1.	<i>Niruh Vasti dravya</i>	<i>C.Su. 2/13</i>
2.	<i>Anuvasana Vasti dravya</i>	<i>C.Su. 2/14</i>
3.	<i>Pakyukta Manahshiladi Lepa</i>	<i>C.Su. 3/16</i>
4.	Wood for <i>hawan</i>	<i>C.Vi. 8/11</i>
5.	<i>Vedi</i> for <i>Yajna</i>	<i>C.Sa. 8/10</i>
6.	<i>Aamlak Rasayan</i>	<i>C.Ci 1-1/75</i>
7.	<i>Aamlakavleh</i>	<i>C.Ci. 1-2/7</i>
8.	<i>Droni Praveshik Rasayan</i>	<i>C.Ci. 1-4/7</i>
9.	<i>IInd Indrokta Rasayan</i>	<i>C.Ci. 1-4/17</i>
10.	<i>Raktapittanashak Ghrita</i>	<i>C.Ci. 4/89</i>
11.	<i>Palash Kshar</i>	<i>C.Ci. 4/94</i>
12.	<i>Palash Kshar</i>	<i>C.Ci. 5/173</i>

13.	<i>Triphaladi Churna</i>	<i>C.Ci. 7/69</i>
14.	<i>Chitrakadi Lepa</i>	<i>C.Ci. 7/85</i>
15.	<i>Mansyadi lepa</i>	<i>C.Ci. 7/87</i>
16.	Preparation in <i>Mansadi</i>	<i>C.Ci. 7/89</i>
17.	<i>Kshar</i>	<i>C.Ci. 7/165</i>
18.	<i>Swadanstradi Ghrita</i>	<i>C.Ci. 11/44</i>
19.	<i>Shoathanasak Taila & Pradeha</i>	<i>C.Ci. 12/65</i>
20.	<i>Udar Roganashak Lepa</i>	<i>C.Ci. 13/108</i>
21.	<i>Parishek</i>	<i>C.Ci. 13/110</i>
22.	<i>Kshar</i>	<i>C.Ci. 13/170</i>
23.	<i>Yavagu</i>	<i>C.Ci. 14/92</i>
24.	<i>Shaak Prayog</i>	<i>C.Ci. 14/122</i>
25.	<i>Kwath</i>	<i>C.Ci. 15/142</i>
26.	<i>Chaturtha Kshar</i>	<i>C.Ci. 15/186</i>
27.	<i>Tejovatyadee Ghrita</i>	<i>C.Ci. 17/142</i>
28.	<i>Peya</i>	<i>C.Ci. 18/77</i>
29.	<i>Manahshiladi Dhoom</i>	<i>C.Ci. 18/146</i>
30.	<i>Deepan & Sangrahigana</i>	<i>C.Ci. 19/27</i>
31.	<i>Kwath</i>	<i>C.Ci. 19/59</i>
32.	<i>Churna of seeds</i>	<i>C.Ci. 23/51</i>
33.	<i>Ksharagad</i>	<i>C.Ci. 23/101</i>
34.	<i>Lepa of kshar</i>	<i>C.Ci. 25/53</i>
35.	<i>Pushkarmuladi Kwath</i>	<i>C.Ci. 26/85</i>

36.	<i>Udumbaradi Leha</i>	<i>C.Ci. 26/98</i>
37.	<i>Kshargutika</i>	<i>C.Ci. 26/192</i>
38.	<i>Bala Taila</i>	<i>C.Ci. 28/152</i>
39.	<i>Palashadi Varti</i>	<i>C.Ci. 30/122</i>
40.	<i>Ashapan Vasti</i>	<i>C.Ci. 30/198</i>
41.	<i>Erandmuladi Niruh Vasti</i>	<i>C.Si. 3/38</i>
42.	<i>Punarnavadi Niruh Vasti</i>	<i>C.Si. 3/65</i>
43.	<i>Darvyadi Yoga</i>	<i>C.Si. 7/19</i>
44.	<i>Parnyadi Vasti</i>	<i>C.Si. 11/25</i>
45.	<i>Palashadi Vasti</i>	<i>C.Si. 11/25</i>
46.	<i>Rasnadi Niruh</i>	<i>C.Si. 11/24</i>

Table 2- By the name of *kinshuk*

S.No.	Preparation	Reference
1.	<i>Lohadi Rasayan</i>	<i>C.Ci. 1-3/15</i>
2.	<i>Pippali Rasayan</i>	<i>C.Ci. 1-3/33</i>
3.	<i>Ushiradi Kwath</i>	<i>C.Ci. 6/31</i>
4.	<i>Pippalyadi Raskriya</i>	<i>C.Ci. 26/258</i>
5.	<i>Mahapadmale taila</i>	<i>C.Ci. 29/110</i>
6.	<i>Sangrahi Vasti</i>	<i>C. Si. 10/30</i>

Table 3- By the name of *vatpoth*

S.No.	Preparation	Reference
1.	<i>Chandanadi Taila</i>	<i>C.Ci. 3/258</i>

Described in *Sushruta Samhita* as soon in below table^[11]:-

Table 4-By the name of *palash*

S.No.	Significance	Reference
1.	Wood for <i>Upnayana Samskar</i>	<i>S.Su. 2/4</i>
2.	In <i>kshar Nirman Vidhi</i>	<i>S.Su. 11/12</i>
3.	Greeting <i>Palash</i> is not good on the way	<i>S.Su. 29/40</i>
4.	<i>Rodhradi gana</i>	<i>S.Su. 38/14</i>
5.	<i>Mushkkadi Gana</i>	<i>S.Su. 38/20</i>
6.	<i>Ambashthadi Gana</i>	<i>S.Su. 38/46</i>
7.	<i>Nyagrodhadi gana</i>	<i>Su.Su. 38/48</i>
8.	Oil of seeds is <i>kaph pitta nashak</i>	<i>Su.Su. 45/121</i>
9.	In <i>ghritpak kshar</i> for <i>Granthibhut Shukra</i>	<i>Su.Sa. 2/8</i>
10.	Decoction of its seeds <i>Krish</i> for people	<i>Su. Chi. 3/6</i>
11.	<i>Kshar</i> used in <i>Kalyanak Lavana</i>	<i>Su. Chi. 4/32</i>
12.	<i>Kulmash Siddha Kshar</i> in <i>Arsha</i>	<i>Su.Chi. 6/13</i>
13.	<i>Kshar</i> in <i>Sharkara</i>	<i>Su. Chi. 7/22</i>
14.	Bark in <i>Ghritha</i> for <i>Pittaj Kushtha</i>	<i>Su. Chi. 9/7</i>
15.	<i>Kshar</i> used in <i>Kushtha</i>	<i>Su. Chi. 9/10</i>
16.	<i>Bhasm</i> used in <i>Kustha</i>	<i>Su. Chi. 10/7</i>
17.	<i>Kshar Asav</i> in <i>Mahakustha</i>	<i>Su. Chi. 10/12</i>
18.	Decoction in <i>Prameh</i>	<i>Su. Chi. 11/8</i>
19.	Decoction in <i>Hastimeh</i>	<i>Su. Chi. 11/9</i>

20.	All preparations in <i>Prameh</i>	<i>Su. Chi. 11/10</i>
21.	<i>Kshar</i> used in <i>Plihodar</i>	<i>Su. Chi. 14/13</i>
22.	<i>Lepa</i> in <i>Kaphaj Galagand</i>	<i>Su. Chi. 18 /49</i>
23.	In <i>Jambavadi yoga</i> for <i>Upadansha</i>	<i>Su. Chi. 19/42</i>
24.	<i>Lepa</i> of Root in <i>Vidarika</i>	<i>S.Chi. 20/14</i>
25.	Its oil is used in <i>Sneh Virechan</i>	<i>S.Chi. 31/5</i>
26.	Bark used for <i>Asthapan Vasti</i>	<i>S.Chi. 34/17</i>
27.	In <i>ksharagad</i> for all types of <i>Vish</i>	<i>Su.Ka. 6/3</i>
28.	In <i>Rajanyadi Agad</i> for <i>galgolik Vish</i>	<i>Su.Ka. 8/48</i>
29.	<i>Anjan</i> for <i>Pittabhishyand</i>	<i>S.U. 10/7</i>
30.	Its Flower used for <i>Netra Roga</i>	<i>Su.U. 12/50</i>
31.	<i>Anjan</i> in <i>Kanch Roga</i>	<i>Su.U. 17/41</i>
32.	<i>Ghrita</i> in <i>Sheetpootna Grah</i>	<i>Su.U. 34/5</i>
33.	<i>Lepa</i> in rigor	<i>Su.U. 39/273</i>
34.	<i>Lepa</i> in burning sensation	<i>Su.U. 39/285</i>
35.	<i>Kshar</i> in <i>Raktagulma</i>	<i>Su.U. 42/21</i>
36.	Stem used in <i>Ksharavleha</i>	<i>Su.U. 42/40</i>
37.	In <i>Pittaj shool</i>	<i>Su.U. 42/107</i>
38.	In <i>Rakta Pittahar Ghrita</i>	<i>Su.U. 45/31</i>
39.	<i>Swaras</i> in <i>Krimi Rog</i>	<i>Su.U. 54/26</i>

Table 5-By the name of *kinshuk*

S.No.	Significance	Reference
1.	Its beauty in <i>Vasant Ritu</i>	<i>S.Su. 6/29</i>
2.	As as <i>Arista</i> when seen in vision	<i>S.Su. 29/64</i>
3.	Fruits good for <i>Arsh, Pramah, Krimi</i> etc.	<i>S.Su. 46/197</i>
4.	<i>Kimshukam Kaphpitaghnam</i>	<i>S.Su. 46/288</i>
5.	The recreation of <i>Pittaj Vranas</i> like <i>palash</i> water	<i>S.Chi. 1/7</i>
6.	<i>Pushpbhasm</i> in <i>Krishna Dansht Chikitsa</i>	<i>Su. Ka. 7/13</i>
7.	<i>Anjanprayog</i> in <i>Pittaabhishyand</i>	<i>Su.Ut. 10/7</i>

Described in *Ashtang Hridaya* as soon in below table^[12]:-

Table 6-By the name of *palash*

S.No.	Significance	Reference
1.	<i>Asanadi Gana</i>	<i>A.H.Su. 15/19</i>
2.	<i>Rodhradi Gana</i>	<i>A.H.Su. 15/26</i>
3.	<i>Mushkakadi Gana</i>	<i>A.H.Su. 15/32</i>
4.	<i>Ambashthadi Gana</i>	<i>A.H.Su. 15/38</i>
5.	<i>Nyagrodhadi Gana</i>	<i>A.H.Su. 15/41</i>
6.	<i>Kshar preparation</i>	<i>A.H.Su. 30/09</i>
7.	<i>Treatment of Granthibhut Shukra</i>	<i>A.H.Sha. 01/13</i>
8.	<i>Raktapitta</i> treatment	<i>A.H.Chi. 02/29</i>
9.	<i>Raktapitta</i> treatment	<i>A.H.Chi. 02/44</i>
10.	<i>Vataj Kasa</i>	<i>A.H.Chi. 03/20</i>

11.	Preparation in <i>Swadanshtradi Ghrita</i>	<i>A.H.Chi. 03/102</i>
12.	Preparation in <i>Manhahshiladi Dhoom</i>	<i>A.H.Chi. 03/149</i>
13.	Preparation in <i>Tajovatyadi Ghrita</i>	<i>A.H.Chi. 04/53</i>
14.	<i>Vataj Hridayaroga</i> treatment	<i>A.H.Chi. 06/33</i>
15.	Preparation in <i>Rohitakadhya Avaleha</i>	<i>A.H.Chi. 06/53</i>
16.	Preparation in <i>Palashadi Ghrita</i>	<i>A.H.Chi. 08/74</i>
17.	<i>Atisar</i>	<i>A.H.Chi. 09/12</i>
18.	<i>Atisar</i>	<i>A.H.Chi. 09/68</i>
19.	<i>Ashmarinashak Kshar</i>	<i>A.H.Chi. 11/31</i>
20.	<i>Gulma</i> treatment	<i>A.H.Chi. 14/22</i>
21.	<i>Parshvashuladi</i> treatment	<i>A.H.Chi. 15/46</i>
22.	<i>Lepa</i> in <i>Udar</i>	<i>A.H.Chi. 15/48</i>
23.	<i>Switra Vrana</i>	<i>A.H.Chi. 20/05</i>
24.	<i>Krimi</i> treatment	<i>A.H.Chi. 20/26</i>
25.	<i>Bala Taila</i>	<i>A.H.Chi. 21/77</i>
26.	<i>Vatakaphaghna Basti</i>	<i>A.H.Ka. 04/07</i>
27.	<i>Kaphaj Galganda</i>	<i>A.H.U. 22/70</i>
28.	<i>Asthibhagna</i>	<i>A.H.U. 27/14</i>
29.	<i>Upadansha</i> treatment	<i>A.H.U. 34/03</i>
30.	<i>Stabhan Churna</i>	<i>A.H.U. 34/56</i>
31.	<i>Haritkyadi Rasayana</i>	<i>A.H.U. 39/24</i>
32.	<i>Amalaki Rasayana</i>	<i>A.H.U. 39/28</i>

Table 7- By the name of *kinshuk*

S.No.	Significance	Reference
1.	<i>Lepa on Ekang Shopha</i>	<i>A.H. Ci. 17/25</i>
2.	<i>Seka of Arma</i>	<i>A.H. U. 11/22</i>
3.	<i>Pratisaran in Dantasushir</i>	<i>A.H. U. 22/35</i>
4.	Discharge found in <i>Pittaj Vrana</i>	<i>A.H.U.25/08</i>
5.	<i>Pippali Rasayan</i>	<i>A.H.U.39/97</i>

DISCUSSION:-

Butea monosperma Lam. is widely use in various conditions. According to *Achrya Charak* it is useful in *kushtha, raktapitta, gulma, udar roga* etc. *Sushruta* specially mentioned *palash ghritapaka kshar* for *grnthibhut shukra, lepa of palash kshradi dravya* in *kaphaja gaalgnada*. Its *swarasa* mentioned in *krimi roga*. In *Ashtang hridaya* it is also mentioned for *dantshushira, arma, ekangshopha, asthibhagna* etc. Its bark rich in Kinotannic acid, Gallic acid^[13] and its flowers having Glycosides and Flavonoids^[14].,Anthocyanins and tannins contains in its gum^[15] while seeds of *palash* having Resins, Alkaloides and fixed oil and

enzymes in small quantity^[16]. Hence we say that *palash* having lots of marvelous properties.

CONCLUSION

Butea monosperma Lam. is a marvelous herbal medicine. All parts of *Butea monosperma* Lam. have different uses. It's look is very beautiful due to it's flowers. It is frequently used since *Samhita* era. In *Charaka Samhita* description of *Palash* almost 53 times, about 46 times in *Sushruta Samhita* and in *Ashtang Hridaya Palash* is mentioned around 37 times. *Palash* having *katu tikta kahsaya Rasa, laghu ruksha* in

Guna, ushna in *Virya* and *katu* in *Vipaka* due to all these properties *Palash* having *Kapha Vata shamaka* properties. But flower of *Palash* having *sheet Vira* and *madhur* in *Vipaka* so it is *Kapha Pitta*

shamaka. Due to all these valuable properties *Palash* is very useful medicine and frequently use for treating several diseases.

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