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Medicinal use of *Aristolochia bracteolata* Lam

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Abstract

The present paper highlights a brief description of *Aristolochia bracteolata* Lam. (Aristolochiaceae) is provided along with its medicinal use to cure maggot-infested wounds.

Keywords: Medicinal use, *Aristolochia bracteolata* wound

1. Introduction

During my survey work on the medicinal plants of Uttar Pradesh, the author came across many populations of *Aristolochia bracteolata* at Hastinapur, Meerut District, Uttar Pradesh. Uttar Pradesh is divided into two geographical regions, which are Southern hills and Plateau and Ganga Plain. In shape is roughly rectangular. In Uttar Pradesh region temperature is recorded 45 °C-21 °C in summer while 32 °C-4 °C in winter. In this region, soil mostly loamy and in some area it is sandy loam, silty loam and clay loam occasionally meet within the area. The rainfall varies considerably from year to year. The maximum rainfall recorded during the monsoon in the month of July-September. Climatically the year may be divided into four seasons. The cold season from near the end of November to the beginning of March is followed by hot season, which continues till about the end of June, when the south-west monsoon arrives, the monsoon season lasting till September end. The air is dry for the most part of the year. In April and May, these are usually the driest months.

The species has been identified as *Aristolochia bracteolata*. The species occurs rarely and plants are cultivated in Meerut District, Uttar Pradesh. It occurs throughout India but in Uttar Pradesh there is no report on the same distribution. In this present study a brief description of species is provided along with its medicinal use. Perusal of literatures on medicinal plants. Ahuja 1993 ^[1], Singh 1993 ^[4], Tomar and Singh 2005 ^[6], Tomar and Singh 2006 ^[7], Tomar 2007 ^[8], Tomar 2008 ^[9], Prachi *et al.* 2009 ^[3], Singh *et al.* 2009 ^[5], Tomar 2009 ^[10], Jain and Suryavanshi 2010 ^[2], Tomar 2011 ^[11], Tomar 2015 ^[12], Tomar 2015 ^[13], Tomar 2015 ^[14], Tomar 2016 ^[15], Tomar 2017 ^[16] and Tomar 2017 ^[17] In this present study a brief description of species is provided along with its medicinal use.

Description of Species

A glabrous, prostrate herb. Leaves 4-6 × 3.5-4.5 cm., glaucous, reniform or broad ovate, deep cordate; basal lobes rounded. Flowers 50 × 5 mm., dark purple, solitary, tubular, with trumpet-shaped mouth. Capsules oblong-ellipsoid, ribbed, 2.5 × 1.5 cm.



Aristolochia bracteolata Lam.

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Chemical composition

The root contains active alkaloids aristolochin, iso-aristolochic acid and allantoin.

Method to preparation of Medicine

Use (2tsp) dried powder of leaves per cup of water. It is boiled in pot and simmer for about 10 minutes.

Medicinal use

It is applied for maggot-infested wounds.

Dose

The same dosage is applied for twice a day until to cure his wounds as it has no side effect on our body.

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References

1. Ahuja BS. Medicinal plants of Saharanpur, Bishen Singh Mahendra Pal Singh, Dehradun. 1993.
2. Jain Alok P, Suryavanshi. *Gloriosa superba* Linn. A pharmacological review. International Journal of Pharma. Research & Development, 2010.
3. Prachi, Chauhan N, Kumar D, Kasana MS. Medicinal plants of Muzaffarnagar district used in treatment of urinary tract and kidney stones. Indian Journal of Traditional Knowledge. 2009; 8(2):191-195.
4. Singh VK. Selected Indian folk medicinal claims and their relevance in primary health care programme, Glimpses Plant Res, 1993; 10:147-152.
5. Singh L, Vats P, Ranjana. An evaluation of traditional knowledge based studies in Uttar Pradesh and Uattrakhand. Journal of Plant Development Sciences. 2009; 1(1-2):9-16.
6. Tomar A, Singh H. Folk medicinal uses of some indigenous plants of Baghpat district of Uttar Pradesh, India. Journal of Non-Timber Forest Products. 2005; 12(3):167-170.
7. Tomar A, Singh H. Exotic medicinal plants from Baghpat, Uttar Pradesh, India. Journal of Non-Timber Forest Products. 2006; 13(4):273-280.
8. Tomar A. Use of some medicinal plants to cure migraine. The Indian Forester. 2007; 133(2):275-278.
9. Tomar A. Folk medicinal uses of some indigenous plants of Hastinapur block in Meerut district, (Uttar Pradesh) India. Journal of Medicinal and Aromatic Plant Sciences, 2008; 29(4):186-190.
10. Tomar A. Folk medicinal uses of plants roots from Meerut district, Uttar Pradesh. Indian Journal of Traditional Knowledge. 2009; 8(2):298-301.
11. Tomar A. Sustainable harvesting and conservation of highly utilized medicinal plants from Meerut region (Uttar Pradesh). Acta Botanica Indica, 2011; 39:23-28.
12. Tomar A. Use of *Punica granatum* L. (Anar) to cure ulcer. Life Sciences Leaflets. 2015; 62:39-42.
13. Tomar A. Utilization and medicinal uses of *Eucalyptus* in Uttar Pradesh, India. Journal of Non-Timber Forest Products. 2015; 22(1)43-46.
14. Tomar A. Medicinal use of *Calendula officinalis* L. to cure Chronic Urticaria. Journal of Non-Timber Forest Products. 2015; 22(4):233-234.

15. Tomar A. Medicinal use of *Abutilon indicum* (L.) Sweet (Kanghi) to cure Boil and Ulcer. Journal of Non-Timber Forest Products. 2016; 23(3):157-158.
16. Tomar A. *Aerva lanata* (Linn.) Juss. Use to cure headache. Journal of Medicinal Plants Studies. 2017; 5(2):329-330.
17. Tomar A. Folk medicinal use of *Blumea lacera* (Burm.F.) DC. To cure threadworms. Journal of Medicinal Plants Studies. 2017; 5(2):336-337.