Medicinal use of *Aristolochia bracteolata* Lam

Amit Tomar

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 [2], Tomar and Singh 2005 [3], Tomar and Singh 2006 [4], Tomar 2007 [5], Tomar 2008 [6], Prachi et al. 2009 [7], Singh et al. 2009 [8], Tomar 2009 [9], Jain and Suryavanshi 2010 [10], 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.
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.

Acknowledgement
Author is thankful to his respected teachers Prof. (Dr.) Y. Vimala, Department of Botany, C. C. S. University, Meerut and Late Dr. H. Singh, Department of Botany, Meerut College, Meerut (U.P.) for their sincere guidance.

References
8. Tomar A. Use of some medicinal plants to cure migraine. The Indian Forester. 2007; 133(2):275-278.