



JOURNAL OF BIODIVERSITY AND CONSERVATION

A review on ethno-botanical, phytochemical and pharmacological activity of state plant of Odisha Saraca asoca

Milan Mahapatra¹, Somanath Routray¹, Sweta Mishra² and Gyanranjan Mahalik^{1*}

Department of Botany, School of Applied Sciences, Centurion University of Technology and Management, Odisha, India

²Ambika Prasad Research Foundation, Odisha, India Email-Id: gyanranjan.mahalik@cutm.ac.in

ARTICLE INFO

Article History

Received: 12 September 2019

Received in revised form: 2 October 2019

Accepted: 22 November 2019

Keywords: Ethnobotany, Saraca asoca, Indigenous,

Panpharmacon, Leucorrhoea

ABSTRACT

Saraca asoca (Roxb) Willd. commonly known as "Ashoka" belongs to the family Caesalpinaceae is an essential primeval plant having countless conventional importance. The scientific study of indigenous or traditional cognizance of plants and their religious, medical and practical uses is called as "Ethno-botany". Ashoka has been considered as a global panpharmacon in Ayurvedic contexts of ancient India. Almost every part of this plant is used in pharmaceuticals. It has predominantly been used for gynecological complications like leucorrhoea, dysfunctional uterine bleeding and also for bacterial infections, skin problems, cardiac and circulatory issues. Comprehensive ethno-botanical practices of S. asoca have instigated to accessibility of various commercial formulations. Here, we will emphasize on the ethnobotanical usage of this worthy plant of our state and explore its exceptional pharmabenefaction.

INTRODUCTION

The dependency of humankind on plants and natural resources for quotidian requirement which include health interest is a chronicle from the beginning of human civilization. India has always been

considered as medicinal garden of the world because it has been offered with broad treasure of medicinal plants. Odisha, a state in eastern India has extensive biodiversity of plant resources. Ashoka tree is one of the