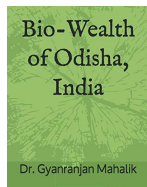


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Medico Bio-Wealth and Diversity of Climbers of Odisha, India

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ABSTRACT

A huge variety of plants are known to surround us and based on the height and tenderness of stem, plants are classified into herbs, shrubs, trees, climbers and creepers. Climbers are the versatile plants and having the beauty imparting features; it shows mixture of horticulture uses. Within a limited and less space, climbers can serve variety of functions and provide variegation of services to the mankind. Starting from its role in the food sector, economic upgradation, therapeutic agents and aesthetic use, it has been used since time immemorial and provides several pharmaceutically active bio compounds and regarded as the rich source of traditional and modern medicines. Due to this influential and relevant aspect of climbers, an attempt has been taken to cumulate the knowledge about the available climbers in Odisha. The flora of state Odisha, is extremely diversified which gives the state a reputation for abundance for natural beauty. The enumerates a brief review of a survey that has made during the period 2009-2020 and revealed that about 60 spp. Of climbers are available in Odisha.

Keywords: Climbers, Diversity, Medicine, Odisha, Therapeutic agents

INTRODUCTION

The name climber itself indicates that these are the plants which requires the support system for climbing and forward their growth. In the simplest word, climber plants are the plants which climb up other plants and tall objects. It has been thought that climbers are the key innovation which has been very successful and has been placed in every field of necessity (Simpson, 1953). Over 130 families include climbers (Gentry, 1991). Due to the extensive influential and important features of climbers, several attempts have been taken to gather the information and to congregate the usage about the available climbers in Odisha, India. This review paper hinge on the diversity and medical uses of climbers of Odisha, India which was surveyed during the period of 2009-2019 and succinctly reviews the recent and latest progress.

India, "The epitome of the world" has a great wealth of biodiversity and owing to its diverse climate and physical conditions, India consist of 7% of global flora (Sahoo and Mahalik, 2020). According to different sources, it is considered that climbing plants are thought to be the significant group of plants whose