

Traditional Uses of Some Species of Zingiberaceae Family: A Review

Swagat Kumar Mallick, Ushashee Mandal, Meenavalli Muralikrishna and *Gyanranjan Mahalik

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

Corresponding author email id: gyanranjan.mahalik@cutm.ac.in

ABSTRACT

Zingiberaceae (the ginger family) is the largest flowering plant family of the order Zingiberales. It includes nearly 53 genera with a total of 1500 known species of perennial tropical herbs out of which 17 genera and 115 species are found in India. These are monocotyledons. These are spread all over the world but extensively cultivated in Asia, Australia and Western Africa. Many phytochemical, pharmacological and molecular studies have been done looking to its medicinal activity. Odisha is spread over 155,707 km² and have 30 districts. The present survey deals with the different species of Zingiberaceae family available in Odisha along with their medicinal qualities. From the analysis mainly 8 species of Zingiberaceae family are obtained from different parts of Odisha. The data contains four species of *Curcuma*, two species of *Zingiber* and one species each from *Globba* and *Elettaria*. As our survey and data highlights the species are as follows – *Globba racemosa*, *Curcuma angustifolia*, *Curcuma aromatica*, *Curcuma longa*, *Zingiber purpureum*, *Zingiber officinale*, *Elettaria cardamomum*, *Curcuma Amada*. The above-mentioned plants are mainly found in Jajpur, Bhadrak, Dhenkanal, Gajapati and Anugul districts of Odisha.

Keywords: Genera, Phytochemical, Pharmacological, Species, Zingiberaceae,

INTRODUCTION

Since ancient times India is the largest inhibitor of medicinal herbs and is called Botanical Garden of the World. In India, many plants have been utilized for several years for medicinal use [1]. In this Zingiberaceae family plays an important role. Among these plants Zingiberaceae family is mostly used and it is grown in the countries of Asia. It is a horticultural and medicinally important family [2]. It is highly valued for its ornamental plants having flowers of wide range of colour and fragrances. Some of the species have decorative and ornate use [3]. Such scented blooming herb are even employed in condiment or savour on account of aroma, strong along with sapid flavour [4]. The sugar content of nectar indicative of the way for attracting a number of butterflies and insect pollinators. Though the flowers are short lived but many flowers